

A Complete Bibliography of Publications in the
*International Journal on Software Tools for
Technology Transfer (STTT)*

Nelson H. F. Beebe
University of Utah
Department of Mathematics, 110 LCB
155 S 1400 E RM 233
Salt Lake City, UT 84112-0090
USA

Tel: +1 801 581 5254
FAX: +1 801 581 4148

E-mail: beebe@math.utah.edu, beebe@acm.org, beebe@computer.org (Internet)
WWW URL: <https://www.math.utah.edu/~beebe/>

29 August 2024
Version 1.42

Title word cross-reference

2019 [781, 848, 810, 850, 854]. **2020** [886].
2021 [911, 907]. **2nd** [940].

* [62, 42]. + [828, 803]. * [751]. α [719]. f [695]. k [802, 637]. LTL(F) [501]. μ [406, 407].
 ω [471]. ϕ [231]. π [149]. \parallel [636].

3 [764, 299, 762, 765, 766, 307, 769, 306, 513,
512, 768, 302, 298, 309, 303, 308, 514, 515].

6 [846, 973]. **6.1** [842]. **6.9** [879]. **653** [830].

-automata [471]. **-calculus** [406, 407, 149].
-induction [802, 637].

= [7].

1394 [135, 18]. **1394a** [79]. **17th** [578].
1998 [29]. **19th** [819].

2 [305]. **2.0** [213, 793]. **2000** [48]. **2003**
[253]. **2008** [377]. **2011** [470]. **2012**
[583, 584, 530]. **2014** [715, 586]. **2015** [673].
2017 [725, 882]. **2018** [763, 762, 754, 748].

AADL [897, 761]. **AbC** [776]. **abduction**
[661]. **abort** [422]. **abort-aware** [422]. **ABS**
[455]. **Abstract** [435, 620, 856, 132, 419,
481, 425, 131, 122, 551]. **Abstraction**
[597, 182, 489, 621, 323, 382, 123, 429, 359,
205, 326, 234, 743, 407, 385, 930, 325, 510,
40, 867, 426]. **abstraction-based** [326, 325].

Abstraction-guided [489].
abstraction-refinement [407].
abstraction/refinement [359].
abstractions
 [406, 217, 618, 664, 751, 321, 951, 947]. **ABZ**
 [763, 762, 642]. **ABZ-2018** [763].
acceleration [310, 436, 888, 500].
accelerators [199]. **access**
 [778, 273, 906, 317]. **accompanying** [327].
accuracy [655]. **accurate** [880]. **ACL2** [48].
action [77, 279, 705, 528]. **action-based**
 [705]. **active** [531, 361, 670, 938, 534].
activity [522, 472]. **actors** [704, 785].
actuator [704]. **ad** [721, 582]. **ad-hoc** [582].
adaptable [455]. **adaptation** [948].
Adapters [254]. **adaptive** [772, 974, 771,
 943, 775, 901, 975, 606, 971, 951, 940].
address [63]. **ADTLang** [800]. **advanced**
 [481]. **Advancements** [152]. **Advances**
 [684, 659, 605, 598, 667, 325, 680, 445, 183,
 298]. **adversaries** [834, 835]. **advisories**
 [671]. **aerospace** [357]. **affine** [925].
against [608, 770]. **AGATHA** [129]. **agent**
 [293, 163, 633, 945]. **agent-based** [163].
agents [872, 946]. **AGG** [374]. **aggregation**
 [920, 29]. **AHB** [497]. **AI** [502]. **aided** [142].
air [860]. **airborne** [671, 604]. **Aircraft**
 [640]. **airplane** [544]. **AJAX** [315].
ALDÉBARAN [12]. **algebra**
 [336, 859, 246, 912]. **Algebraic**
 [920, 901, 937]. **Algebraically** [919].
Algorithm
 [599, 917, 952, 759, 141, 176, 202, 142, 73, 490].
Algorithmic [488, 297]. **algorithmics** [165].
algorithms [667, 835, 834, 886, 322, 588, 33,
 330, 154, 901, 194, 214, 911, 882, 599, 108,
 855, 449, 854, 150]. **alias** [466]. **alias-based**
 [466]. **alive** [181]. **ALL-TIMES** [463].
allocation [73]. **Alloy** [973]. **along** [249].
Alternating [446]. **alternation** [204].
alternation-free [204]. **AMBA** [497].
among [252]. **amplification** [873]. **AMT**
 [793]. **AMulet2** [912]. **analog** [479].
analysers [347]. **analyses** [225]. **Analysing**
 [575, 26, 23, 24, 262, 73, 455]. **Analysis**
 [244, 894, 33, 924, 281, 598, 141, 15, 667, 380,
 738, 889, 172, 789, 886, 442, 507, 91, 408,
 241, 126, 16, 164, 31, 963, 862, 579, 114, 537,
 799, 721, 470, 74, 427, 461, 287, 733, 810, 14,
 658, 958, 930, 325, 840, 522, 214, 911, 484,
 902, 481, 477, 897, 882, 694, 291, 393, 70,
 410, 467, 900, 768, 680, 468, 464, 261, 504,
 793, 910, 459, 344, 389, 231, 624, 560, 475,
 528, 133, 220, 627, 632, 564, 854, 523, 741].
analysis-friendly [738]. **Analytic**
 [918, 474]. **analyzer** [17]. **Analyzing**
 [531, 928, 658, 22, 904, 704, 913]. **Android**
 [674, 557]. **animate** [156]. **annotated** [686].
anomalies [873]. **antecedent** [250]. **anti**
 [301]. **anti-product** [301]. **ants** [944]. **AOP**
 [672]. **AOP-specific** [672]. **API** [776].
APIs [602]. **applicability** [956].
Application
 [336, 63, 416, 61, 957, 557, 565, 974, 430, 396,
 552, 448, 820, 454, 95, 954, 665, 514, 52].
Application-controlled [63]. **applications**
 [759, 355, 700, 188, 316, 356, 774, 786, 411,
 674, 484, 315, 351, 41, 57, 312, 801, 308, 398,
 724, 576]. **applied** [189, 197, 315, 449].
Applying [746, 530, 142, 467, 240].
approach
 [772, 382, 406, 355, 189, 161, 356, 163, 476,
 437, 730, 539, 769, 872, 288, 800, 454, 496,
 155, 550, 129, 351, 128, 761, 945, 692, 302,
 731, 354, 814, 426, 711, 869, 294, 946].
Approaches [537, 238, 824, 699, 735, 563,
 910, 240, 409, 640, 269]. **Approximate**
 [883, 779, 572]. **approximated** [426].
Approximating [343]. **apps** [755]. **APSET**
 [557]. **arc** [703]. **Architecture**
 [465, 873, 774, 68, 162, 22]. **architectures**
 [26, 648]. **ARINC** [830]. **ARINC-653**
 [830]. **arithmetic**
 [203, 56, 326, 816, 50, 491, 613, 817]. **arms**
 [334]. **array** [895, 969]. **art** [450]. **ASAP**
 [736]. **ASM** [645]. **ASMETA** [974]. **Aspect**
 [428, 254, 832, 340]. **Aspect-oriented** [254].
aspects [119]. **aSPIN** [132]. **assembly**

- [148]. **assertions** [228]. **Assessing** [699, 545]. **assessment** [461, 372, 798, 378, 540, 719, 801, 869]. **assisted** [141]. **Assume** [887]. **Assumption** [175]. **Assumption-based** [175]. **assurance** [775, 200, 748]. **asynchronous** [935, 459, 328]. **asynchronously** [657]. **ATL** [709]. **atomicity** [392]. **attack** [800, 527]. **attitudes** [99]. **attribute** [877]. **attributed** [712]. **Authorized** [501]. **Authorship** [736]. **auto** [670]. **auto-active** [670]. **Automata** [803, 723, 717, 746, 406, 531, 172, 217, 729, 808, 779, 884, 745, 684, 477, 905, 124, 342, 668, 423, 85, 471, 151, 593]. **Automata-based** [803]. **Automated** [611, 521, 330, 810, 542, 317, 900, 399, 124, 242, 216, 712, 686, 710, 598, 332, 650, 506, 842, 291, 397, 680, 373, 722, 502, 516, 898, 121, 693]. **Automatic** [404, 833, 747, 135, 251, 613, 27, 304, 565, 91, 316, 655, 313, 129, 896, 672, 169]. **automatically** [500]. **Automating** [396, 300, 791]. **Automation** [647, 49, 300, 242, 298]. **automaton** [34]. **automotive** [974, 973, 971, 970, 956]. **autonomically** [778]. **autonomous** [941, 872]. **autopilot** [695]. **AutoProof** [670, 589]. **availability** [200]. **Average** [423]. **Average-price-per-reward** [423]. **avionic** [963]. **avionics** [864]. **avoidance** [519, 671, 871, 604]. **Avoiding** [813]. **aware** [422, 623].
- B** [387, 763, 238, 336, 643, 156, 766, 721, 767, 291, 641, 971, 972, 358, 360, 634, 903, 640, 636]. **backjumping** [505]. **backtracking** [732]. **bad** [896]. **Bandera** [84]. **based** [915, 238, 802, 517, 239, 602, 893, 217, 773, 949, 529, 812, 618, 811, 734, 205, 273, 175, 326, 179, 335, 234, 416, 16, 164, 505, 163, 65, 246, 664, 751, 307, 396, 963, 650, 608, 536, 533, 580, 813, 230, 251, 750, 749, 461, 411, 524, 877, 830, 554, 648, 646, 739, 678, 607, 698, 147, 325, 417, 452, 656, 200, 803, 107, 496, 279, 597, 617, 474, 477, 11, 905, 550, 75, 599, 145, 768, 315, 705, 761, 376, 353, 534, 731, 755, 722, 445, 183, 130, 727, 240, 748, 557, 354, 814, 466, 548, 801]. **based** [627, 493, 947, 710, 785, 328, 638, 724, 609, 257, 346, 660]. **basin** [701]. **Bayesian** [404, 824, 341]. **BDD** [529, 60, 151]. **BDD-based** [529]. **BDD-like** [151]. **BDDs** [61, 203, 181, 57]. **be** [42]. **Behavior** [15, 147, 531, 928]. **Behavior-based** [147]. **behavioral** [416, 348, 551]. **behaviour** [487, 262]. **behavioural** [878]. **Benchmark** [307, 851, 526]. **Benchmarking** [38, 714, 885]. **benchmarks** [715, 532]. **better** [287]. **between** [478]. **beyond** [926]. **biased** [430]. **bidirectional** [353]. **Binary** [55, 863, 858, 56]. **binding** [399]. **bioinformatics** [626]. **biological** [566, 576]. **birds** [944]. **Bisimulation** [66, 176, 683]. **bit** [326, 509]. **bit-vector** [326]. **bitcode** [876]. **Blast** [276]. **blind** [274]. **block** [870]. **blocks** [628, 481]. **blueprint** [592]. **BMC** [179, 505, 178, 379]. **BMC-based** [179]. **BMC'03** [177]. **Boolean** [123, 204, 61, 890, 120]. **boosting** [404]. **bottom** [944]. **bound** [616]. **Bounded** [324, 507, 494, 230, 905, 565, 203, 408, 184, 660, 637, 842, 530, 855, 328]. **bounds** [217]. **brainiac** [857]. **branch** [770]. **branches** [843]. **bridging** [679]. **Bringing** [861]. **broadcast** [620]. **brute** [527]. **brute-force** [527]. **Büchi** [884, 684, 668, 85, 471]. **bugs** [420]. **building** [359, 628, 80, 481, 242, 171]. **bus** [18]. **business** [602, 356, 862, 284, 472]. **bytecode** [630, 931]. **bytecode-level** [931].
- C** [727, 802, 123, 190, 332, 414, 637, 739, 550, 333]. **CADP** [470]. **CAESAR.SOLVE** [204]. **CakeML** [914]. **Calculus** [790, 406, 407, 888, 149]. **call** [334]. **caller** [562]. **caller-side** [562]. **can** [444, 822]. **Capability** [263]. **capturing** [457]. **CARA** [141, 145, 140, 144, 143]. **card** [759, 130]. **care** [359]. **CART** [969]. **Cartesian** [123]. **Case** [236, 763, 565, 738, 639, 762, 338, 118,

963, 702, 861, 114, 536, 842, 377, 497, 69, 840, 142, 597, 477, 315, 623, 925, 370, 130, 970, 610, 329, 347, 523]. **case-centric** [623]. **cases** [846]. **causal** [943]. **CBTC** [539]. **CC** [68]. **CC-NUMA** [68]. **CCDL** [255]. **centered** [355]. **centric** [904, 623]. **Certification** [963, 148]. **CESRBDDs** [858]. **Chains** [231, 92, 468, 610]. **challenge** [851, 329, 530]. **challenges** [473, 639, 184, 584, 567, 445, 589, 528, 527]. **change** [225, 798]. **changes** [356, 560]. **channel** [73, 825]. **channels** [822]. **characterization** [832]. **charts** [197, 125]. **checkable** [84]. **checker** [602, 276, 794, 46, 600, 881, 8, 633]. **Checking** [612, 266, 230, 222, 914, 346, 487, 432, 438, 666, 32, 565, 324, 123, 575, 367, 429, 738, 174, 117, 729, 363, 391, 700, 435, 434, 171, 175, 170, 760, 735, 691, 158, 577, 756, 690, 184, 456, 30, 501, 556, 566, 783, 65, 437, 664, 751, 118, 321, 31, 165, 137, 167, 88, 574, 611, 660, 637, 842, 132, 701, 68, 740, 424, 166, 287, 928, 247, 411, 385, 290, 571, 43, 82, 92, 744, 39, 875, 245, 168, 417, 616, 419, 656, 704, 684, 728, 852, 481, 96, 155, 757, 433, 567, 182, 613]. **checking** [472, 705, 320, 782, 41, 530, 485, 555, 910, 131, 389, 36, 358, 544, 624, 727, 568, 570, 366, 333, 394, 133, 409, 614, 508, 855, 86, 319, 42, 558, 711, 347, 601, 120, 149, 636, 218, 328, 523, 576]. **checking-based** [656]. **checks** [591, 668]. **chemical** [160, 347]. **CHEOPS** [160]. **Chinese** [523]. **chip** [335]. **Chisel** [713]. **CINCO** [692]. **circuits** [56, 50, 912, 479, 720]. **circular** [661]. **Citrus** [864]. **CkTailv2** [878]. **Clara** [442]. **class** [362, 631, 290, 607, 69, 449]. **classification** [563]. **classifying** [809]. **Cleveland** [966]. **clinical** [347]. **clock** [7, 905]. **Clojure** [891]. **Cloned** [582]. **Closed** [510]. **Closed-loop** [510]. **cloud** [954, 627]. **cloud-based** [627]. **cloud-native** [954]. **CLP** [699]. **CLPS** [156]. **CLPS-B** [156]. **co** [486, 68, 901]. **co-simulation** [486, 68, 901]. **coarse** [618, 128]. **coarse-grained** [618, 128]. **COBOL** [352]. **CoCo** [850]. **Code** [634, 736, 517, 645, 974, 356, 332, 454, 656, 467, 504, 722, 727, 148, 333, 352, 27]. **CoDec** [304]. **coevolution** [775]. **CoLiS** [889]. **collective** [772, 771, 943, 945, 951, 940]. **collision** [519, 671, 871, 604]. **colonies** [944]. **color** [274]. **color-blind** [274]. **Colored** [264, 608, 284, 280, 282, 25, 22]. **Coloured** [260, 278, 26, 23, 259, 21, 75, 24, 688]. **combinational** [61]. **combined** [537]. **Combining** [915, 385, 648, 739, 528, 372, 798, 426]. **comeback** [738]. **commercial** [235, 539]. **Common** [428]. **communicating** [657, 208, 392, 878]. **communication** [965, 15, 620, 137, 891, 744, 454, 346]. **COMP** [923, 849]. **compact** [138]. **comparative** [402]. **Comparing** [823, 735, 951, 770]. **Comparison** [97, 466, 824, 185, 315]. **Competition** [838, 839, 923, 848, 585, 651, 850, 849, 715]. **competitions** [847]. **compilation** [27]. **compiled** [148]. **complement** [136]. **Complementary** [734]. **complemented** [858]. **Complete** [607]. **completeness** [318]. **complex** [330, 195]. **compliance** [416]. **Component** [474, 254, 874, 777, 650, 270, 867, 498, 708, 256, 466, 947, 296, 257]. **Component-based** [474, 650, 947, 257]. **Components** [255, 734]. **composable** [778, 255]. **composed** [408]. **Composition** [254, 773, 708, 296]. **Compositional** [235, 462, 246, 818, 125, 475, 914, 635, 661, 381, 937]. **compositionality** [76]. **compositions** [399]. **compression** [716]. **Computational** [184, 180]. **computer** [336, 141, 142, 912]. **computer-aided** [142]. **computer-assisted** [141]. **computing** [73]. **concatenation** [459]. **concept** [765]. **concepts** [6, 3]. **conceptual** [355]. **concurrency** [965, 78, 420, 732, 441]. **concurrency-related** [420].

concurrency-specific [441]. **Concurrent** [599, 932, 662, 836, 883, 72, 362, 168, 260, 484, 169, 275, 502, 614, 532, 609]. **condition** [528]. **conditioned** [250]. **conditions** [414, 542]. **Conference** [819, 339, 374, 578]. **Configuration** [744, 457, 451, 453]. **configuring** [284]. **conflict** [108]. **confluence** [571, 850]. **conformance** [608, 515, 44]. **Congestion** [281]. **connection** [262, 281]. **conquer** [691]. **conscious** [946]. **consensus** [835, 834]. **considerations** [299]. **consistency** [666]. **Consistent** [353]. **Constraint** [505, 65, 156, 452, 787, 421, 797]. **Constraint-based** [505, 65, 452]. **constraints** [203, 735, 616, 742]. **construction** [667, 789, 886, 657, 470, 749, 147, 214, 911, 882, 905, 549, 854, 750]. **constructions** [290]. **Constructive** [461]. **consumption** [478]. **Contention** [360, 135, 79]. **contest** [369]. **context** [778, 535]. **context-dependent** [778]. **contextual** [296]. **Continuous** [6, 788, 243, 574, 703, 937, 534, 549, 309, 866]. **continuous-time** [937]. **contract** [631, 708]. **contracts** [235, 960, 258]. **contributions** [325]. **Control** [141, 40, 281, 778, 630, 746, 83, 906, 519, 538, 225, 511, 828, 317, 975, 864, 972, 540, 534, 719, 309, 860]. **controllable** [851, 443]. **controlled** [823, 63]. **controller** [70]. **controllers** [919]. **convenient** [375]. **convergence** [967]. **conversion** [48]. **converting** [305]. **Cooperative** [812]. **Coordinating** [949, 776]. **coordination** [773, 941, 128]. **Coping** [295]. **copy** [728]. **Coqoon** [681]. **CORBA** [270]. **core** [750, 749, 601, 669, 683]. **cornerstones** [40]. **Correct** [831, 941, 749, 630, 657, 813, 750]. **Correct-by-construction** [749, 657, 750]. **correcting** [656]. **Correction** [836, 835, 885, 817, 750, 837, 952]. **correctness** [102, 441]. **correlation** [270]. **cost** [378, 304]. **cost-optimal** [378]. **Counter** [131, 122]. **Counter-example** [131]. **counter-examples** [122]. **counterexample** [271]. **counterexamples** [580]. **counterstrategies** [496]. **Counting** [758, 622, 318]. **course** [279]. **Coverage** [229, 430, 402, 404, 341, 288, 770, 927]. **Coverage-biased** [430]. **Covering** [138, 969]. **CoVeriTest** [812, 840]. **CPA** [841]. **CPA/Tiger** [841]. **CPA/Tiger-MGP** [841]. **CPN** [260, 265]. **CPS** [833, 957]. **CPSDebug** [833]. **Crawlability** [397]. **Creating** [25, 953]. **criteria** [734, 288, 441]. **Critical** [959, 653, 645, 186, 187, 697, 652, 191, 658, 899, 694, 226, 693, 868]. **critical-path** [658]. **cross** [404]. **cross-product** [404]. **CRV** [715]. **CSP** [487, 600, 740, 358, 636]. **CTL** [249, 175, 751, 88, 616, 42]. **CTL*** [290]. **CTL-property** [249]. **cube** [215]. **current** [245]. **custom** [965]. **CVT** [27]. **cyber** [753, 678, 897, 936]. **cyber-physical** [753, 678, 897, 936].

Dafny [960]. **Data** [382, 380, 662, 836, 675, 138, 817, 816, 543, 448, 875, 484, 40, 623, 731, 932, 627, 564, 784, 215, 860, 151, 121]. **Data-abstraction** [382]. **data-aware** [623]. **data-intensive** [627]. **dataflow** [164]. **Datagram** [281]. **DBM** [905]. **DBM-based** [905]. **Debian** [889]. **Debugger** [737]. **Debugging** [967, 496, 403, 738, 362, 388, 105, 737]. **decentralized** [861]. **decidable** [723]. **deciding** [501]. **Decision** [926, 328, 780, 858, 380, 326, 573, 55, 325, 919, 392, 572, 182, 925, 311, 58, 669]. **Decision-diagram-based** [328]. **Decision-making** [926]. **decisions** [457]. **declarative** [880]. **decomposition** [859]. **decompositions** [964]. **Deductive** [960, 413, 709, 65, 791]. **deep** [928, 913]. **defect** [398]. **defect-prone** [398]. **defence** [283]. **defense** [800]. **defined** [503]. **definitely** [201]. **delta** [403, 747, 581, 814]. **delta-oriented** [747]. **demonstration** [767].

dense [558]. **dense-time** [558].
dependence [698]. **dependencies** [414].
Dependency [786, 856, 878]. **dependent** [778]. **depth** [289, 599]. **depth-first** [289, 599]. **described** [653]. **Description** [255, 252, 101, 545]. **descriptions** [77, 280].
Design
 [249, 60, 238, 517, 357, 473, 827, 675, 941, 293, 335, 106, 579, 68, 750, 749, 465, 678, 674, 113, 95, 798, 474, 11, 832, 70, 36, 3, 295, 860].
design-space [579]. **designs** [109, 250].
desktop [398]. **Detecting**
 [53, 797, 392, 821, 557]. **detection**
 [517, 779, 853, 484, 902, 96, 896, 399, 108, 732, 394, 379, 508]. **deterministic**
 [884, 684, 871]. **determinization** [178].
developer [299, 19]. **Development**
 [134, 251, 645, 299, 273, 187, 559, 682, 258, 454, 113, 277, 381, 279, 349, 545, 360, 516, 240, 303, 301, 226]. **Developments** [506].
devices [299, 142, 510]. **devoted** [754].
DFT [869]. **Diagnosing** [808]. **diagnosis**
 [496]. **diagram** [328]. **diagrams**
 [796, 780, 858, 380, 56, 460, 55, 608, 522, 311, 58, 669, 120]. **Diamont** [935]. **digital** [509].
Directed [321, 137, 167, 924]. **Discourge**
 [891]. **DisCoveR** [880]. **Discovering**
 [282, 799]. **discovery** [880]. **Discrete**
 [703, 7, 575]. **discrete-state** [575]. **distance**
 [321, 219, 658]. **distance-preserving** [321].
Distributed
 [172, 192, 753, 198, 365, 776, 174, 117, 773, 176, 171, 170, 234, 935, 230, 470, 330, 647, 477, 11, 320, 936, 73, 475, 86, 150, 455].
distributing [109]. **distribution**
 [175, 264, 195]. **distributions** [549].
Diversity [752, 689, 450]. **divide** [691].
divide-and-conquer [691]. **divider** [104].
DivSIM [876]. **document** [864, 145].
documents [539, 961]. **Domain**
 [436, 649, 381, 410, 692, 731, 560, 860, 961].
Domain-specific [436, 692, 860, 961].
domains [268, 574, 425]. **Don't** [359].
doors [519]. **Downward** [593]. **DReAM**
 [774]. **Driven** [540, 486, 906, 608, 258, 726, 692, 591, 526, 644]. **driving** [941]. **DSSs**
 [701]. **during** [465]. **Dynamic**
 [535, 342, 777, 158, 84, 774, 829, 935, 168, 399, 485, 731, 73, 365]. **dynamically** [622].
dynamics [945].
E-LOTOS [18]. **early** [465, 732]. **Easy** [78].
Ecdar [462]. **eclipse** [958, 354].
Eclipse-based [354]. **Eddy** [320]. **edelta**
 [865]. **edge** [858]. **edge-specified** [858].
edges [858]. **Editor**
 [20, 64, 90, 71, 152, 100, 395, 331]. **Editorial**
 [1]. **editors** [111, 146, 241]. **EdSketch** [726].
education [29, 503]. **educational** [72].
effect [596]. **effective** [502]. **effectiveness**
 [288, 285]. **effects** [545]. **efficiency**
 [288, 852]. **Efficient** [203, 93, 105, 664, 792, 230, 157, 616, 133, 58, 931, 286, 151, 880, 359, 794, 813, 674, 17, 841, 220, 720]. **eighth**
 [850]. **electronic** [299, 280, 3]. **Electrum**
 [765]. **elimination** [590]. **embeddable**
 [364]. **Embedded** [207, 478, 473, 241, 234, 332, 114, 750, 749, 513, 592, 475, 333, 466].
EMF [374]. **empirical** [930, 711].
emptiness [668]. **emulated** [225].
Enabling [788]. **Encoding** [336, 149]. **end**
 [196, 475]. **end-of-production** [196].
end-to-end [475]. **Energy** [832, 746].
enforce [444]. **enforcement** [823, 650].
engine [844]. **engineering**
 [772, 771, 539, 769, 457, 104, 140, 761, 302, 679, 242, 304, 81, 295, 269, 940]. **engines**
 [953]. **enhancing** [354]. **enriched** [212].
ensembles [778, 777]. **Envelopes** [871].
Environment
 [644, 77, 63, 486, 105, 727, 354, 428].
Environment-driven [644]. **environments**
 [196, 626]. **equation** [204, 890]. **equations**
 [32, 758]. **Equivalence** [631, 607, 613].
ERLANG [112, 134, 411]. **Error**
 [219, 153, 902]. **errors** [732, 394]. **ERTMS**
 [764, 762, 765, 766, 870, 769, 768].
ERTMS/ETCS

[764, 762, 765, 870, 769, 768]. **ESBMC** [842]. **Estimating** [237, 356]. **Estimation** [468, 738, 465, 825]. **ETCS** [764, 762, 765, 870, 769, 767, 768]. **ETI** [4, 5]. **evaluate** [370]. **Evaluating** [402, 596, 288, 969]. **Evaluation** [376, 383, 611, 920, 60, 910, 544]. **event** [238, 904, 894, 608, 805, 955, 360, 282, 528, 387, 763, 336, 643, 766, 721, 641, 971, 972, 634, 903, 640]. **event-B** [360, 387, 763, 643, 766, 721, 641, 971, 972, 634, 903, 640]. **event-condition-action** [528]. **event-driven** [608]. **events** [794, 341, 932, 558]. **evergreens** [363]. **evolution** [865, 559, 457, 512, 298, 514, 350, 395]. **evolutionary** [711]. **evolving** [561]. **Exact** [676]. **examination** [525]. **example** [349, 131]. **examples** [122]. **exceptions** [630]. **Exchange** [263]. **Executable** [74, 25]. **executing** [455]. **Execution** [737, 265, 323, 478, 738, 811, 844, 846, 114, 658, 958, 726, 344, 431, 329, 150, 22]. **execution-driven** [726]. **execution-time** [114]. **exemplified** [560]. **experience** [870, 113, 689, 144]. **Experiences** [240, 649, 467]. **experiment** [332, 18]. **Experimental** [372, 238]. **experimentally** [288]. **experimentation** [54]. **experiments** [639, 60, 384, 606]. **ExPLAIN** [918]. **explainability** [920]. **explainable** [919]. **explanation** [833, 219, 921, 918]. **explicit** [118, 137, 668, 409]. **explicit-state** [118, 137]. **Exploiting** [495, 287, 169, 379]. **exploits** [718]. **exploration** [478, 271, 202, 430, 465, 267, 240, 866]. **Exploring** [870, 154, 322]. **Expressing** [84]. **Expression** [120]. **expressions** [821, 286]. **Expressive** [520, 375, 931]. **expressiveness** [243]. **Extended** [856, 524, 892, 908, 938, 705, 793, 791, 898, 42]. **Extending** [857]. **extensible** [222]. **extension** [631, 820]. **extensions** [152]. **exterior** [975, 971]. **Extracting** [782]. **Extrapolating** [433, 348]. **Facilitating** [457]. **factories** [702]. **facts** [343]. **failure** [833]. **Fair** [706, 558]. **FairFuzz** [843]. **FairFuzz-TC** [843]. **fairness** [735]. **false** [860]. **Falsification** [483]. **family** [664, 751, 425]. **family-based** [664, 751]. **Farkas** [859]. **FASE** [810, 253, 748]. **FASE'17** [707]. **Fast** [732, 375, 902, 310]. **Fate** [153]. **fault** [894, 709, 313, 191, 855]. **fault-tolerance** [313]. **fault-tolerant** [855]. **FDR3** [600]. **feasible** [122]. **feature** [247]. **featured** [746, 745]. **features** [974]. **featuring** [814]. **Feyerabend** [13]. **field** [319]. **Fighting** [118]. **filters** [509]. **Fin** [729]. **Fin-less** [729]. **final** [715]. **Finding** [420, 122]. **Finite** [231, 38, 779, 875, 606, 169, 133, 898, 676]. **finite-state** [38, 169, 676]. **FireWire** [18]. **firm** [477]. **First** [715, 839, 923, 289, 820, 651, 599, 806, 490]. **first-order** [820, 806]. **FISh** [37]. **Flexibility** [334]. **Flexible** [660, 359]. **floating** [915, 136, 104]. **floating-point** [915, 104]. **flocks** [944]. **Florida** [29]. **flow** [630, 817, 816, 467]. **fluidic** [295]. **Flush** [349]. **fly** [117, 266, 178, 204, 705, 601, 44]. **FO** [803]. **focus** [665]. **force** [527]. **forces** [756, 919]. **Forest** [921]. **forests** [920]. **form** [747]. **Formal** [238, 141, 232, 873, 874, 460, 519, 538, 225, 418, 721, 959, 191, 899, 70, 233, 140, 261, 108, 722, 815, 248, 693, 687, 868, 965, 357, 186, 713, 51, 870, 847, 187, 234, 229, 105, 788, 963, 650, 223, 769, 68, 697, 497, 652, 767, 542, 142, 29, 104, 40, 318, 107, 496, 103, 897, 900, 768, 689, 761, 61, 596, 183, 240, 431, 966, 961, 2, 257]. **Formalising** [766]. **formalism** [636]. **Formalization** [45]. **Formalizing** [338]. **Formally** [411, 964, 143, 671]. **formula** [85]. **formulas** [448, 570]. **formulation** [179]. **fragment** [695]. **Framework** [308, 102, 487, 666, 442, 777, 234, 271, 718, 774, 361, 313, 109, 660, 887, 252, 452, 270,

67, 908, 381, 629, 937, 440, 311, 722, 348, 516, 222, 898, 785, 669]. **frameworks** [696, 689, 296]. **free** [747, 153, 204, 857]. **FreeRTOS** [521]. **frequency** [817, 816]. **frequentist** [824]. **friendly** [738]. **FSAP** [244]. **FSAP/NuSMV** [244]. **FSAP/NuSMV-SA** [244]. **FTSyn** [313]. **Fujaba** [161, 377]. **Full** [895, 870, 692]. **Full-program** [895]. **Fully** [650]. **fUML** [487]. **Functional** [414, 491, 185, 550, 402, 196, 262, 670, 647, 318, 198]. **functions** [414, 597, 787, 613, 797]. **fundamental** [269]. **fuzzer** [843].

game [382, 246]. **games** [180, 730, 703, 685, 890, 423, 685]. **gap** [679]. **gas** [560]. **gear** [643, 639, 642, 70, 641, 640]. **general** [666, 322, 391, 45]. **generalized** [729, 424, 668]. **generated** [500].

Generating [77, 948, 580, 115, 877, 502, 610, 961, 846].

generation [796, 565, 91, 158, 386, 271, 338, 611, 842, 543, 68, 448, 524, 542, 840, 671, 597, 845, 129, 692, 124, 731, 131, 672, 340, 722, 591, 242, 634, 841, 304, 216, 526, 532, 199, 364, 605, 604].

generator [17]. **generators** [969, 752].

generic [713, 550, 204, 516]. **genetic** [154, 656]. **GenUtest** [340]. **GIOP** [45].

GNATprove [586]. **GNU** [118]. **Go** [908]. **Go2Pins** [908]. **goal** [896, 841]. **good** [81].

GPSO [759]. **GPU** [783]. **GPUs** [601].

GraBaTs [377]. **grade** [386]. **grained** [618, 128]. **grammar** [877]. **grammars** [813, 524]. **Graph** [369, 801, 753, 561, 813, 258, 59, 375, 376, 370, 712, 815, 814, 752].

Graph-based [801, 376]. **graphical** [682, 692]. **graphics** [391]. **Graphillion** [594]. **graphs** [630, 786, 856, 594, 878, 528].

Greedy [716, 759]. **Greybox** [530].

GrGen.NET [375]. **grid** [523]. **GRL** [896].

GROOVE [427]. **group** [691].

GSDetector [896]. **guarantee** [887]. **guarantees** [939]. **Guard** [617].

Guard-based [617]. **Guest** [152, 395, 241, 331]. **guide** [21]. **Guided** [618, 286, 489]. **GUMP** [921].

Haifa [339]. **Handel** [190]. **Handel-C** [190].

Handling [637]. **hard** [341]. **hard-to-reach** [341]. **hardware** [197, 179, 95, 67, 101, 36, 250]. **Haskell** [185]. **HASL** [575]. **hazards** [853]. **HCI** [238]. **heads** [318]. **Healing** [316].

Heerhugowaard [88]. **held** [29]. **Herschel** [556]. **heterogeneous** [429, 486, 107, 121].

Heuristics [166, 60, 431]. **Hierarchical** [103, 861]. **High** [696, 49, 779, 674, 200, 73, 358, 720].

High-automation [49]. **high-availability** [200]. **High-level** [696, 674, 73, 358, 720].

high-speed [779]. **Higher** [101, 550, 857].

Higher-level [101]. **higher-order** [550, 857]. **Highlights** [177]. **highly** [662, 836]. **Hip** [521]. **Hip/Sleek** [521].

HiPE [113]. **History** [511]. **hit** [341]. **hoc** [721, 582]. **HOL** [415]. **home** [861]. **homes** [861]. **Hoorn** [88]. **Hoorn-Kersenboogerd** [88]. **horizon** [231]. **horizontal** [871].

human [336]. **human-computer** [336].

Hybrid [717, 406, 442, 618, 408, 574, 769, 297, 513, 733, 767, 8, 417, 671, 103, 155, 6, 768, 708, 483, 595, 837, 423, 309, 956, 409, 764, 643, 762, 765, 766]. **HybridUML** [213].

hyperproperties [792]. **hypervisor** [418].

hypothesis [568]. **HYTECH** [8, 297].

i-protocol [118]. **IC3** [757]. **identification** [676]. **identify** [394]. **identities** [867].

IEEE [135, 360, 18, 79]. **IEEE-1394** [18].

ignorant [562]. **ignoring** [368]. **II** [847].

imaging [760]. **impact** [225]. **imperfect** [735]. **Implementation** [588, 307, 717, 628, 330, 674, 280, 975, 311, 722].

Implementation-level [588].

implementations [474]. **Implementing** [76, 362]. **improve** [91]. **Improved** [388, 250, 475]. **improvement** [167].

improvements [700]. **Improving** [655, 290, 285, 912, 656]. **IMS** [307]. **incomplete** [782]. **inconsistencies** [453]. **increase** [468]. **Incremental** [565, 811, 249, 660, 814]. **incrementalization** [95]. **independent** [943]. **induction** [802, 895, 637, 50]. **Inductive** [228]. **Indus** [275]. **Industrial** [959, 186, 51, 196, 535, 386, 611, 652, 648, 899, 467, 770, 640, 52, 868]. **industrialization** [223]. **industry** [536, 596]. **inequalities** [425]. **inference** [802, 425]. **influence** [25]. **informal** [187]. **information** [735, 28, 813, 258, 215]. **infrastructure** [80, 869]. **Infusion** [141]. **inheritance** [785]. **inhouse** [130]. **initialization** [164]. **injection** [860]. **inline** [562]. **Innovation** [514]. **input** [795]. **instead** [324]. **instrumentation** [931]. **integer** [663, 613]. **integrate** [626]. **Integrated** [697, 487, 662, 836, 727, 514]. **Integrating** [4, 28, 701]. **Integration** [187, 161, 163, 788, 247, 162, 665, 160, 866, 449, 3]. **intelligent** [647]. **intensive** [743, 592, 627]. **intent** [557]. **intent-based** [557]. **Inter** [45, 744]. **Inter-ORB** [45]. **inter-process** [744]. **Interacting** [5, 950]. **interactions** [336]. **Interactive** [206, 737, 680, 876, 961]. **Interface** [864]. **interfaces** [474, 75, 864]. **interleaving** [840]. **interlocking** [542]. **interlockings** [541]. **International** [819, 578, 715, 839, 923, 395]. **interoperability** [338, 516]. **interpolants** [859]. **interpretation** [419, 481]. **interval** [417]. **interval-based** [417]. **interworking** [306]. **introducing** [545]. **Introduction** [374, 781, 299, 762, 929, 159, 725, 934, 819, 754, 907, 253, 292, 298, 439, 269, 488, 241, 331, 39, 152, 463, 395]. **Introductory** [177, 139, 119, 193, 227, 127, 186, 170, 165]. **intrusion** [779, 394]. **Intuition** [918]. **invariant** [802, 148]. **invariants** [883, 895]. **Invasive** [254]. **investigate** [945]. **invisible** [221]. **involving** [574]. **IOA** [330]. **IOCO** [446]. **IoT** [799, 832, 801]. **ISDN** [306]. **isolation** [476, 420]. **Issue** [929, 934, 754, 612, 886, 781, 819, 652, 911, 907, 882, 854]. **Issues** [171, 41, 110, 485]. **ISUP/ISDN** [306]. **Iterative** [403]. **iUML** [766]. **iUML-B** [766]. **IVE** [386].

jABC [629]. **JAVA** [43, 915, 630, 645, 386, 126, 166, 726, 69, 351, 275, 931, 143, 86, 686, 710]. **Jensen** [20]. **JML** [188, 386, 258, 222, 686]. **JML-annotated** [686]. **join** [919]. **Joint** [756]. **journey** [974, 906].

Kaveri [275]. **KDM2PSM** [953]. **Kermeta** [376]. **kernel** [728, 80]. **Kersenboogerd** [88]. **Key** [915, 588, 892]. **Keymaera** [595, 837]. **kinetic** [945]. **KIV** [585]. **KLAIM** [949]. **KLEE** [844]. **Knowledge** [954, 724]. **Knowledge-based** [724]. **KRONOS** [135, 9].

labeled [594]. **Ladder** [53, 900]. **lambda** [857]. **lambda-free** [857]. **landing** [643, 639, 642, 641, 544, 640]. **Language** [950, 307, 777, 164, 330, 805, 800, 677, 674, 826, 512, 62, 860, 84, 255]. **language-to-language** [826]. **languages** [16, 579, 581, 381, 185, 334]. **large** [429, 430, 154, 206, 594, 104, 572, 295, 453]. **large-scale** [453]. **latencies** [475]. **Lava** [106]. **layer** [18]. **layered** [332]. **leaks** [825]. **learned** [343, 377]. **Learning** [773, 795, 878, 711, 531, 963, 818, 967, 342, 947, 784]. **Learning-based** [773]. **LearnLib** [348]. **less** [729]. **lessons** [377]. **Let** [587]. **Level** [764, 762, 765, 766, 769, 768, 196, 588, 161, 696, 327, 862, 767, 592, 59, 674, 975, 467, 128, 101, 73, 358, 931, 720]. **Leveraging** [909, 918, 233]. **libraries** [454, 550, 498, 303]. **library** [362, 69, 594, 204]. **life** [767, 966]. **lifecycle** [559]. **light** [973, 67, 975, 971]. **light-weight** [67]. **Lightweight** [128, 573, 437, 933, 596]. **like** [151]. **likely**

[784]. **limit** [884]. **limit-deterministic** [884]. **Line** [578, 266, 457, 454, 216, 281]. **linear** [405, 859, 408, 547, 884, 730, 491, 425, 787, 797]. **linear-constraint** [787, 797]. **linearizability** [615]. **lines** [456, 580, 274, 742, 582]. **Link** [18]. **LinkedList** [892]. **linking** [636]. **Linux** [728]. **lists** [614]. **literature** [537]. **Live** [197]. **livelock** [118]. **Liveness** [221, 412, 212]. **LLVM** [876]. **load** [863, 198]. **load-time** [863]. **Local** [31, 407]. **locality** [169]. **localization** [709]. **locking** [134]. **locks** [392]. **Log** [879]. **logic** [16, 884, 115, 678, 875, 61, 793, 815, 814, 849, 421, 857, 724, 53]. **logic-based** [16, 814]. **logical** [149]. **logics** [760]. **logistics** [649, 283]. **logs** [904, 282]. **loop** [895, 888, 500, 510]. **loops** [547, 637, 901, 787, 797]. **loss** [813]. **LOTOS** [18]. **low** [327, 975]. **low-level** [327, 975]. **Lower** [217]. **LTL** [438, 367, 495, 424, 820, 173, 803, 908, 358, 483, 366, 409, 379, 85]. **LTL-FO** [803]. **Lurette** [236]. **Lustre** [349].

Machine [947, 643, 963, 676, 784, 364]. **Machine-learning** [947]. **machines** [795, 919, 606, 898]. **magic** [590]. **Main** [110]. **maintainer** [889]. **maintenance** [399]. **makes** [81]. **making** [926]. **malware** [508]. **managed** [582]. **management** [63, 262, 281]. **Managing** [98]. **manipulation** [59, 58]. **manipulator** [121]. **Manual** [373]. **Many** [601]. **Many-core** [601]. **Mapping** [579]. **March** [29]. **markings** [758, 808]. **Markov** [573, 390, 92, 572, 231]. **Markovian** [894]. **mastering** [559]. **Masterminding** [798]. **matching** [372, 61, 256]. **mathematical** [597]. **MCC** [852]. **MCMAS** [633]. **mCRL2** [874]. **MDA** [251]. **MDA-based** [251]. **MDP** [571]. **MDPs** [893]. **me** [215]. **meaning** [2]. **measure** [216]. **Measurement** [464]. **Mechanical** [79]. **mechanisms** [264]. **Mechanized** [52]. **mechatronic** [293, 24, 292, 294]. **mecum** [19]. **medical** [760, 142, 510]. **meet** [51, 499]. **meets** [589]. **Melbourne** [29]. **Memory** [237, 666, 367, 63, 756, 327, 791]. **message** [507, 125, 785]. **message-passing** [507]. **meta** [161]. **meta-model** [161]. **metabolic** [74]. **metamodel** [865]. **metaSMT** [665]. **method** [336, 266, 877, 291, 360, 216, 281]. **method-based** [877]. **methodological** [545]. **Methods** [959, 233, 357, 186, 51, 870, 847, 827, 234, 788, 538, 223, 418, 652, 142, 29, 899, 140, 689, 464, 73, 966, 2, 693, 687, 868]. **metric** [815]. **metrics** [780, 229, 219, 397, 927]. **MGP** [841]. **microgrid** [577]. **microprocessor** [102]. **MIDAS** [649]. **middleware** [200]. **migrating** [352]. **migration** [351]. **minimisation** [683]. **minimization** [192, 549]. **minimized** [34]. **Mining** [678, 628]. **missile** [23]. **mixed** [479]. **mixed-signal** [479]. **ML** [185]. **Mobile** [237, 73, 22, 149]. **mock** [340]. **modal** [32, 751, 946]. **Model** [612, 729, 363, 700, 273, 456, 230, 448, 247, 524, 830, 43, 258, 646, 698, 481, 279, 472, 540, 371, 755, 445, 591, 36, 130, 544, 748, 333, 614, 86, 558, 636, 638, 609, 432, 438, 666, 238, 32, 565, 324, 602, 123, 575, 367, 429, 738, 174, 117, 773, 276, 486, 811, 391, 734, 435, 434, 171, 175, 170, 794, 760, 161, 735, 691, 158, 577, 327, 709, 690, 46, 184, 30, 501, 556, 566, 783, 906, 65, 437, 664, 751, 118, 321, 31, 817, 816, 165, 137, 167, 88, 574, 611, 422, 657, 580, 813]. **model** [637, 842, 132, 701, 68, 740, 750, 749, 424, 461, 166, 287, 928, 252, 411, 385, 290, 810, 767, 571, 82, 881, 8, 648, 92, 744, 39, 678, 607, 147, 245, 168, 417, 616, 510, 419, 270, 656, 704, 684, 728, 496, 852, 96, 155, 757, 433, 567, 182, 633, 971, 705, 320, 373, 782, 41, 761, 530, 485, 555, 910, 131, 389, 358, 242, 595, 837, 624, 568, 222, 570, 394, 133, 409, 508, 855, 319, 42, 711, 347, 601, 149, 218, 523, 576]. **Model-based** [524, 830, 646, 698, 279, 755,

445, 130, 748, 638, 609, 734, 580, 750, 749, 461, 648, 678, 607, 496, 761].

Model-checking [247, 472, 86, 558, 429, 735, 68, 92, 616, 131].

Model-Driven [540, 258, 591, 486, 906].

Modeling [769, 480, 704, 318, 274, 897, 641, 972, 374, 873, 383, 460, 579, 721, 581, 592, 674, 452, 6, 864, 692, 640, 334, 869, 720].

Modelling [262, 577, 944, 283, 427, 73, 264, 688, 387, 774, 541, 260, 160, 455, 523, 741].

Models [265, 487, 666, 965, 645, 880, 833, 355, 904, 753, 561, 416, 620, 430, 49, 74, 828, 390, 924, 75, 129, 896, 210, 348, 878, 903, 752, 784, 961, 25, 711].

Modular [267, 888].

modules [191]. **modulo** [603, 417].

moment [56]. **monitor** [822, 248].

Monitoring [939, 603, 479, 962, 824, 412, 753, 861, 935, 792, 553, 157, 443, 803, 938, 832, 937, 936, 933, 806, 562].

Monitors [957, 955]. **monotony** [963]. **Montages** [77].

MontiCore [381]. **MoonLight** [933].

Moore [795]. **MOP** [440]. **MoTMoT** [371].

movement [690]. **moving** [870]. **MSC** [459]. **MSO** [438]. **MTL** [243, 695]. **MTL-** [695]. **Multi** [862, 449, 683, 643, 293, 750, 749, 739, 685, 633, 945, 841, 86, 669].

multi-agent [293, 633, 945]. **Multi-core** [683, 750, 749, 669]. **multi-goal** [841].

Multi-level [862]. **multi-machine** [643].

Multi-objective [449]. **multi-player** [685].

multi-threaded [739, 86]. **multiobjective** [294]. **multiphase** [797]. **multiple** [949, 691, 973, 536, 872, 685]. **multiplier** [912]. **multiprocessor** [68]. **multithreaded** [220]. **multivehicle** [871]. **Mur** [231].

mutation [126, 770, 752]. **mutually** [818].

NASA [248]. **native** [954]. **navigation** [354]. **needed** [356]. **needs** [51]. **negative** [289]. **Net** [80, 909, 758, 289, 74, 631, 703, 75, 73]. **Nets** [260, 278, 264, 174, 76, 699, 26, 608, 23, 284, 290, 259, 280, 21, 267, 24, 282, 25, 22, 688].

network [779, 928, 755, 195]. **networks** [404, 923, 948, 341, 283, 704, 924, 938, 242, 922, 913, 825, 927]. **Neural** [824, 923, 948, 928, 924, 938, 922, 913, 825, 927]. **next** [386, 671, 604]. **next-generation** [671]. **nightly** [866]. **non** [894, 887, 888, 871]. **non-deterministic** [871]. **non-Markovian** [894]. **non-termination** [888]. **nondeterminism** [794, 574]. **nondeterministic** [606]. **nonlinear** [417, 962]. **notation** [77, 511]. **notations** [136, 252]. **novel** [539]. **NUMA** [68]. **numeric** [385]. **Numerical** [218, 655, 425]. **NUSMV** [46]. **NuSMV-SA** [244]. **nutshell** [10].

object [904, 187, 109, 670, 553, 504, 455]. **object-centric** [904]. **object-oriented** [187, 109, 670, 553, 455]. **objective** [449]. **objectives** [685]. **objects** [208, 351]. **obtaining** [475]. **OC** [904]. **OC-PM** [904]. **OCL** [416, 212, 638]. **ODE** [417]. **oil** [560, 874]. **omega** [433]. **omega-** [433]. **OMT** [11]. **On-the-fly** [705, 44, 117, 266, 178, 204, 601]. **one** [358]. **Online** [220, 28, 115, 937, 806, 294]. **only** [182]. **Ontology** [251, 256]. **Open** [503, 387, 633, 471]. **open-source** [633]. **OpenJDK** [892]. **operating** [965]. **operational** [190, 272, 261, 228, 869]. **operators** [268, 705]. **opinions** [29]. **optimal** [378]. **optimization** [759, 83, 830, 373, 801, 449, 294]. **optimizing** [293, 292, 947]. **options** [451]. **oracles** [115, 415]. **ORB** [45]. **Order** [739, 780, 322, 35, 93, 167, 368, 571, 820, 617, 550, 890, 806, 449, 857, 365]. **ordered** [730]. **ordering** [60]. **orders** [480]. **oriented** [412, 408, 187, 747, 109, 670, 553, 648, 254, 455]. **Oris** [383]. **oscillatory** [575]. **output** [795]. **overhead** [443]. **overview** [188, 585, 463, 440, 309, 927]. **OWL** [251].

package [59]. **packages** [889]. **PacoSuite** [254]. **PAG** [17]. **Paper** [227, 186, 177, 170,

165, 892, 139, 119, 193, 127]. **Papers** [725, 911]. **paradigm** [775]. **Paradigms** [918]. **Parallel** [391, 733, 173, 62, 320, 170, 600, 722, 668, 431]. **parallel-code** [722]. **parallelisations** [831]. **parameterised** [890]. **Parameterized** [619, 621, 867, 624, 138, 437, 620, 480]. **parametric** [723, 893, 853, 390, 678, 742, 807]. **parity** [884, 730, 890]. **Partial** [32, 322, 167, 890, 35, 93, 368, 571, 480, 617, 365, 739]. **Partial-order** [322, 167, 890, 93, 617]. **particle** [759]. **partition** [830]. **partitioning** [841]. **passing** [507, 785]. **past** [297]. **Path** [408, 658, 787, 797]. **Path-oriented** [408]. **PathFinder** [43]. **pathways** [74]. **patient** [280]. **Pattern** [205, 943, 372, 62, 722, 593]. **Pattern-based** [205, 722]. **patterns** [517, 15, 821]. **Paul** [13]. **pebbling** [716]. **peer** [162]. **peer-to-peer** [162]. **Pentium4** [104]. **perform** [356]. **Performance** [307, 388, 592, 373, 951, 242, 475]. **periodic** [106]. **perspective** [552, 36, 719, 956]. **perspectives** [473, 567, 450]. **Petri** [688, 909, 174, 76, 758, 26, 608, 74, 23, 284, 290, 260, 259, 278, 703, 280, 80, 21, 267, 75, 24, 264, 282, 25, 22]. **phase** [507]. **phases** [465]. **PHAVer** [297]. **Phone** [237, 22]. **physical** [753, 678, 897, 936]. **physics** [632]. **piggyback** [553]. **pilot** [352]. **pipeline** [853]. **Plain** [845]. **planning** [499, 535, 702, 572, 261, 502]. **plans** [500]. **Platform** [244, 889, 4, 386, 519, 737, 160, 3]. **Platitudes** [99]. **player** [685]. **PLC** [83]. **Pleak** [862]. **PM** [904]. **point** [915, 136, 299, 47, 104]. **pointwise** [243]. **Policies** [968, 273, 828, 317]. **Policy** [562, 624]. **PolyGraph** [816, 817]. **polyhedral** [909]. **polynomial** [730]. **POMDPs** [968]. **porting** [400]. **POSIX** [416]. **power** [478, 925]. **powerset** [268]. **Practical** [649, 200, 467, 42, 40, 496]. **practice** [310, 55, 648]. **practices** [679]. **practitioner** [21]. **Pragmatics** [30]. **pre** [414]. **pre-conditions** [414]. **precise** [738, 509, 426]. **Predicate** [936, 327, 385, 840]. **predictive** [824, 220]. **Preface** [612, 401, 64, 90, 207, 652, 20, 71, 419, 111, 804, 100, 345, 146]. **prefix** [792]. **presented** [810, 707, 659, 748]. **preservation** [247, 814]. **preserving** [321, 922]. **prialt** [190]. **price** [423]. **priced** [746]. **principles** [767, 194]. **printed** [28]. **printfs** [287]. **PRISM** [135, 684, 155, 685]. **PRISM-games** [685]. **privacy** [862]. **ProB** [642, 291]. **Probabilistic** [390, 155, 604, 391, 881, 744, 967, 684, 705, 711, 218]. **probabilities** [926]. **probability** [549]. **problem** [179, 368, 295, 449]. **problems** [909, 746, 696, 967, 376, 347]. **procedural** [818]. **procedure** [326, 663, 392, 182]. **procedures** [262, 325, 281]. **Process** [249, 336, 953, 645, 880, 904, 628, 299, 246, 559, 744, 261, 545, 27, 516, 160]. **processes** [602, 575, 573, 862, 622, 470, 284, 392, 572, 623, 149]. **processor** [26]. **processors** [738, 391]. **Product** [578, 404, 299, 456, 580, 457, 454, 274, 742, 582, 301]. **production** [196, 11]. **productivity** [468]. **products** [457]. **profile** [213, 209, 211]. **Program** [89, 14, 82, 930, 518, 492, 517, 134, 713, 531, 831, 488, 895, 16, 661, 848, 520, 287, 967, 481, 17, 370, 493, 710, 736]. **Programming** [829, 955, 37, 949, 412, 422, 800, 656, 185, 62, 724]. **programs** [915, 53, 802, 776, 630, 123, 507, 362, 895, 126, 655, 935, 670, 637, 663, 166, 553, 43, 739, 967, 484, 908, 613, 900, 275, 502, 220, 931, 526, 86, 791]. **progress** [216]. **project** [72, 891, 463, 352]. **ProM** [879]. **PROMELA** [45, 41, 380]. **prone** [398]. **Proof** [104, 428, 335, 716]. **proof-based** [335]. **proofs** [405, 547, 49, 661, 888, 482, 379]. **Propagation** [914]. **Properties** [136, 312, 942, 691, 84, 49, 745, 447, 887, 266, 247, 157, 678, 900, 479, 962, 933, 555, 591, 483, 360, 712, 409, 898, 676, 784, 601].

Property [526, 249, 924, 785]. **property-based** [785]. **property-directed** [924]. **Property-driven** [526]. **propositions** [558]. **PROSPER** [94]. **Protocol** [12, 45, 135, 118, 31, 631, 110, 263, 41, 97, 18, 79, 721, 360, 281]. **protocol-extension** [631]. **protocols** [602, 205, 93, 137, 891, 472]. **Protos2CPN** [284]. **prototypes** [550]. **prototyping** [145, 503]. **Provably** [630]. **prove** [595, 837]. **Proved** [360]. **prover** [50, 48, 857, 415]. **Proving** [224, 47, 318]. **PRTest** [845]. **public** [690]. **publish** [162]. **publish/subscribe** [162]. **Publisher** [952]. **Pump** [141]. **purpose** [391, 338]. **Pushdown** [508]. **Putting** [232].

QoS [555]. **Qualitative** [694, 522, 793, 719]. **quality** [775, 707, 200, 534, 302, 748]. **quantified** [448]. **Quantifying** [512]. **quantiles** [684]. **Quantitative** [745, 522, 825, 523, 741, 615, 241, 33, 694, 937, 793, 564]. **quantized** [509]. **quasi** [730]. **quasi-linear** [730]. **quasi-polynomial** [730]. **queries** [753]. **query** [875].

Rabin [729]. **race** [484]. **racers** [53]. **radio** [503]. **radiotherapy** [199]. **railway** [88, 538, 542, 541, 540, 688, 869]. **railways** [689]. **RAMBUTANS** [672]. **Rance** [966]. **random** [430, 920, 420, 845]. **randomisation** [215]. **randomization** [732]. **Randomized** [902, 835, 834]. **ranking** [221, 787, 797]. **rapid** [920, 503]. **rare** [794, 894, 843]. **rating** [565]. **Rby** [719]. **RCU** [728]. **RE** [355]. **RE-UWA** [355]. **reach** [341]. **reachability** [909, 172, 408, 327, 733, 390, 325, 902, 133, 644, 286, 328]. **reachable** [34]. **Reactive** [790, 211, 750, 749, 258, 208, 525, 651, 610, 490, 121]. **read** [201, 728]. **read-copy** [728]. **Real** [7, 546, 207, 965, 759, 653, 383, 241, 33, 743, 476, 635, 462, 114, 805, 209, 704, 474, 6, 477, 742, 910, 360, 9, 257].

real-life [767]. **Real-time** [7, 546, 965, 653, 383, 241, 33, 743, 476, 635, 462, 114, 805, 209, 704, 474, 6, 477, 742, 910, 360, 9, 257]. **real-world** [759]. **realistic** [526]. **realizability** [501]. **reasoning** [915, 387, 731, 712]. **reasoning-based** [731]. **Rebeca** [785]. **recognition** [466]. **reconfigurable** [950, 774, 829, 191]. **record** [280]. **recover** [355]. **Recovery** [412, 650]. **recurrent** [924]. **recursive** [106, 818]. **reduce** [304]. **Reducing** [405]. **reduction** [758, 176, 322, 779, 35, 167, 368, 740, 571, 617, 890, 731, 133, 365, 739]. **reductions** [909, 858, 93, 168]. **Redundancy** [914]. **Refactoring** [305, 747, 371, 370]. **reference** [562]. **refined** [579]. **Refinement** [107, 615, 382, 359, 335, 407, 600, 510, 597, 182, 768, 426, 593, 790]. **Refinement-based** [107, 768]. **refinements** [349]. **refutation** [802]. **refuting** [898]. **registries** [626]. **regression** [396, 563, 638]. **Regular** [432, 438, 436, 435, 434, 437, 887, 433]. **reinterpretation** [393]. **related** [420]. **Relating** [458]. **relations** [158]. **relaxation** [615]. **Relay** [53]. **reliability** [478, 346]. **Reliable** [714, 773, 885]. **remove** [747]. **remove-free** [747]. **reordering** [684]. **repair** [887, 814]. **repairable** [894]. **repairing** [453]. **repeatable** [718]. **replace** [747]. **replace-free** [747]. **replaying** [457]. **report** [113, 689, 850]. **repository** [675, 471]. **representation** [34, 967, 954]. **representations** [698]. **Require** [654]. **Requirements** [145, 265, 974, 714, 885, 675, 197, 49, 539, 769]. **Requirements-document-based** [145]. **RERS** [530, 851, 528, 527]. **research** [386, 81, 503, 319]. **resets** [423]. **resolution** [405, 204, 379, 149]. **resource** [134]. **Restoring** [561]. **result** [289, 52]. **results** [715, 852, 782, 389, 866]. **resuscitation** [141, 142]. **Reusable** [965, 343]. **Revealing** [453]. **review** [537, 548]. **revisited** [756, 556, 424, 554]. **reward** [423]. **rewrite**

[375]. **rewriting** [863]. **rich** [932, 319, 636]. **rigid** [835, 834]. **Rigorous** [645, 473, 771, 525, 940, 827, 922]. **Risk** [534, 537, 536, 533, 798, 560, 869]. **Risk-based** [534, 536, 533]. **river** [701]. **road** [916]. **Robotics** [957]. **robots** [949]. **robust** [361]. **Robustness** [957]. **Rodin** [387]. **role** [675]. **Root** [360, 135, 79]. **ROS** [949]. **ROS-based** [949]. **round** [835, 834]. **round-rigid** [835, 834]. **Routing** [721]. **RTAMT** [957]. **RTLola** [916]. **Rubik** [215]. **Rule** [517, 239, 554, 915, 811, 948, 807]. **rule-** [915]. **Rule-based** [517, 239, 554, 811]. **rule-specific** [948]. **rules** [715, 820, 258, 48]. **run** [891]. **run-time** [891]. **run.time** [753]. **Runtime** [715, 929, 552, 934, 819, 695, 441, 957, 412, 753, 861, 444, 650, 809, 805, 553, 554, 820, 440, 591, 932, 439]. **runway** [248].

SA [244]. **SaBRE** [863]. **safe** [865, 671, 871, 782]. **safely** [343]. **Safety** [244, 490, 645, 412, 187, 756, 266, 697, 461, 191, 157, 542, 694, 483, 595, 956, 220, 248, 855, 226, 601, 837]. **safety-critical** [645, 187, 697, 191, 694, 226]. **Sampling** [742, 573]. **sans** [895]. **SAT** [324, 602, 660, 230, 317, 417, 912, 962, 183, 710]. **SAT-based** [660, 602, 230, 183]. **satellite** [454]. **Satisfiability** [337, 120, 182, 366]. **SATMC** [602]. **saturation** [202]. **SBIP** [555]. **SCADE** [349]. **SCADE/Lustre** [349]. **scalability** [119]. **Scalable** [367, 738, 117, 806, 709, 872, 851, 425, 128, 627]. **scale** [969, 453]. **Scenario** [893, 416, 775]. **Scenario-based** [893, 416]. **scenarios** [628, 755, 676]. **Schedulability** [556, 477, 910]. **schedule** [83]. **scheduler** [521]. **schedules** [378, 782]. **Scheduling** [374, 499, 179, 696, 830, 647, 279, 347]. **schemas** [501]. **sciences** [564]. **Scientific** [628, 625, 629]. **screen** [519]. **scripting** [677]. **scripts** [889]. **SDL** [11]. **search** [618, 173, 599]. **secrecy** [205]. **Section** [233, 186, 170, 762, 30, 64, 771, 165, 201, 578, 90, 325, 71, 259, 278, 419, 111, 314, 100, 253, 350, 292, 298, 439, 269, 940, 395, 146, 20]. **secure** [277, 798]. **SEcurity** [557, 116, 560, 602, 734, 189, 561, 93, 559, 563, 418, 798, 314, 624, 724]. **SED** [737]. **Selected** [485, 725]. **Selection** [431, 734, 917, 952, 609]. **selective** [863]. **self** [773, 293, 292, 947]. **self-composition** [773]. **self-optimizing** [293, 292, 947]. **semantic** [382, 393]. **Semantics** [16, 713, 406, 190, 243, 246, 272, 208, 228, 922]. **Semantics-based** [16]. **semantics-preserving** [922]. **sensor** [704]. **separation** [849]. **sequence** [796, 197, 158, 608, 125]. **Sequential** [174, 181]. **sequentialization** [739]. **sequentialization-based** [739]. **serial** [18]. **service** [877, 648, 646, 399, 549]. **service-oriented** [648]. **services** [773, 351, 472, 626, 198, 352]. **session** [5]. **set** [343, 841]. **sets** [594, 491, 706]. **setting** [788, 770]. **Seven** [358, 689]. **shalls** [224]. **shape** [821]. **shared** [238, 367]. **sharing** [691, 138]. **Should** [42, 201]. **side** [825, 562]. **side-channel** [825]. **signal** [479, 793]. **signalling** [688, 263]. **signals** [937]. **signatures** [550, 394]. **similarities** [396]. **Simple** [968, 547]. **simplicity** [692]. **simplicity-driven** [692]. **simulated** [150]. **simulating** [688]. **simulation** [486, 894, 519, 68, 901, 11, 75, 41, 210, 160, 446]. **simulator** [23, 876]. **Simulink** [679]. **single** [63, 787, 797]. **single-path** [787, 797]. **SIP** [306]. **SIP-ISUP** [306]. **SIP-ISUP/ISDN** [306]. **site** [353]. **sites** [239, 354]. **SixthSense** [967]. **size** [405]. **Skeleton** [879]. **sketching** [726, 492]. **SL-COMP** [849]. **SLA** [399]. **Sleek** [521]. **Slicing** [713, 709, 275, 846, 89, 41, 807, 250]. **small** [215]. **Smart** [573, 759, 777, 960, 702, 861, 523]. **SMC** [569]. **smells** [896]. **SMT** [915, 324, 359, 699, 388, 597, 903, 917, 952, 415]. **SMT-based** [915, 597]. **SNIP** [456]. **social**

[564, 946]. **socket** [346]. **Software** [612, 578, 443, 707, 237, 679, 450, 866, 319, 226, 469, 324, 889, 276, 529, 839, 838, 363, 187, 561, 456, 400, 337, 246, 963, 165, 225, 580, 413, 697, 750, 749, 288, 385, 592, 454, 594, 168, 384, 757, 274, 458, 145, 140, 761, 485, 545, 256, 344, 389, 445, 222, 582, 748, 466, 81, 13, 503, 632, 453, 269, 22, 605, 257, 346]. **software-defined** [503]. **software-intensive** [592]. **solution** [195]. **solutions** [714, 885, 539]. **solver** [156, 317, 417, 665]. **solvers** [324, 359, 388, 962, 849, 415]. **Solving** [368, 584, 347, 180, 909, 337, 730, 912, 376, 903, 295, 421, 710]. **Some** [598, 667, 245, 363, 589]. **sorters** [106]. **SOTA** [772]. **Sound** [571, 650]. **Soundness** [623]. **Source** [736, 467, 633, 333, 503]. **source-level** [467]. **space** [63, 192, 618, 202, 35, 579, 730, 716, 267, 261, 732, 240, 364]. **spaces** [176, 154, 206, 312, 295]. **SPARK** [586]. **Spatial** [760, 942, 627]. **Spatio** [690, 962, 933]. **Spatio-temporal** [690, 962, 933]. **Special** [186, 170, 929, 165, 934, 754, 578, 325, 259, 278, 314, 233, 350, 612, 886, 781, 762, 30, 771, 819, 201, 652, 911, 419, 907, 882, 253, 292, 298, 439, 854, 269, 940, 395]. **specific** [436, 948, 381, 692, 672, 441, 860, 961]. **Specification** [72, 84, 207, 662, 836, 778, 235, 870, 156, 197, 696, 766, 68, 497, 261, 722]. **specifications** [141, 196, 874, 388, 635, 546, 861, 520, 306, 115, 964, 496, 302, 459, 358, 222, 710, 551, 257]. **specified** [858, 330]. **Specifying** [828, 821, 143]. **speed** [779, 500, 975, 972, 379]. **SPIN** [725, 727, 781, 754, 39, 45, 907, 97, 42, 44, 764, 87]. **Spin-based** [727]. **split** [691]. **SPLs** [747]. **spontaneous** [773]. **stage** [490]. **standard** [769, 768, 185]. **Standardized** [306]. **standards** [200]. **standards-based** [200]. **State** [35, 969, 38, 575, 176, 192, 322, 202, 118, 137, 154, 206, 290, 954, 606, 267, 474, 905, 261, 732, 312, 169, 450, 528, 133, 548, 898, 676, 364, 636]. **state-based** [474, 548]. **state-rich** [636]. **state-space** [202]. **Stateflow** [460, 272]. **Stateless** [728]. **statements** [102]. **states** [34]. **Static** [796, 799, 484, 296, 91, 287, 528]. **stations** [88]. **Statistical** [429, 566, 574, 567, 555, 570, 576, 575, 794, 577, 556, 928, 571, 568, 218]. **status** [511]. **steps** [901]. **stepwise** [351]. **still** [181]. **stochastic** [575, 76, 574, 964, 685, 378, 523]. **Store** [471]. **Storm** [881]. **strategies** [735, 372, 698, 703, 742]. **strategy** [942, 505, 872, 685]. **Stream** [805]. **streaming** [750, 749]. **streams** [805, 875]. **Striver** [805]. **stroke** [358]. **Strong** [968, 176, 423, 2]. **structural** [927]. **structure** [138, 495, 354, 526, 784]. **structured** [520]. **structures** [662, 883, 925, 215, 151, 836]. **STTT** [30]. **stubborn** [706]. **studies** [377, 236]. **Study** [852, 763, 639, 762, 535, 118, 702, 861, 536, 497, 69, 142, 477, 315, 925, 370, 130, 970, 784, 711, 347, 523]. **study-based** [315]. **sub** [691]. **sub-task** [691]. **subject** [901]. **SubPolyhedra** [425]. **subscribe** [162]. **subway** [519]. **suitability** [370]. **suite** [305, 841, 303, 455, 515]. **summaries** [663]. **super** [361]. **superscalar** [102, 873, 26]. **supervisory** [746, 719]. **Support** [237, 950, 293, 411, 919]. **Supporting** [865]. **suppressed** [57]. **suppression** [823]. **surrogate** [924]. **Survey** [543, 32, 344, 183]. **survivability** [801]. **Swarm** [783, 759, 240]. **swarm-based** [240]. **sweep** [266, 216, 281]. **sweep-line** [266, 216, 281]. **switching** [421]. **SWOT** [632]. **Sylvan** [669]. **Symbiotic** [846]. **Symbolic** [180, 323, 393, 504, 409, 117, 844, 33, 846, 202, 46, 635, 88, 524, 737, 739, 155, 182, 530, 131, 344, 286, 121, 683, 737]. **Symmetric** [87]. **Symmetry** [740, 168]. **Symposium** [395]. **synchronization** [943, 813, 489]. **synchronizing** [622]. **Synchronous**

[211, 164, 897, 855]. **syntactic** [698]. **SYNTCOMP** [651]. **Synthesis** [661, 497, 498, 378, 823, 746, 942, 488, 313, 495, 494, 872, 581, 901, 851, 651, 491, 685, 101, 490, 493, 489, 604]. **Synthesizing** [656, 421, 526]. **SyReNN** [913]. **SysML** [522]. **System** [196, 335, 68, 823, 7, 780, 645, 974, 643, 773, 72, 827, 189, 973, 906, 539, 592, 285, 647, 325, 375, 671, 113, 280, 798, 975, 642, 474, 641, 971, 972, 128, 140, 24, 708, 591, 560, 627, 640, 453, 688, 195, 604, 141, 374]. **System-level** [196, 592, 128]. **System-on-chip** [335]. **Systematic** [581, 537, 563, 95, 516, 548]. **Systems** [790, 959, 350, 395, 772, 965, 238, 950, 653, 357, 883, 186, 478, 667, 429, 380, 789, 886, 618, 486, 941, 408, 383, 241, 753, 777, 293, 179, 33, 234, 853, 690, 84, 743, 476, 635, 462, 566, 771, 437, 751, 361, 829, 574, 114, 650, 519, 538, 657, 943, 297, 818, 775, 749, 207, 513, 652, 733, 258, 592, 8, 480, 525, 678, 417, 214, 260, 911, 277, 902, 899, 6, 274, 477, 11, 897, 882, 832, 694, 633, 864, 867, 314, 540, 204, 373, 936, 945, 951, 890, 555, 695, 169, 445, 483, 595, 837, 807, 240]. **systems** [475, 878, 292, 309, 333, 815, 528, 610, 466, 956, 409, 490, 644, 947, 860, 854, 558, 940, 294, 455, 121, 605, 9, 328, 609, 693, 687, 868, 750].

TaaWS [877]. **tabled** [149]. **tables** [542]. **TACAS** [886, 911, 882, 854]. **TACAS'13** [659]. **tactic** [682]. **Tactical** [708]. **tagging** [454]. **Tailored** [532]. **targeting** [843]. **Tarjan** [599]. **task** [691, 480, 280, 910]. **taught** [215]. **taxonomy** [809, 533]. **TC** [843]. **TCP** [262]. **technique** [662, 836, 500, 95, 596, 801]. **Techniques** [541, 180, 434, 35, 506, 810, 66, 707, 152, 852, 481, 11, 315, 61, 101, 502, 475, 748, 426, 328]. **technologies** [518]. **technology** [906, 47, 458, 13]. **Template** [493, 677, 212]. **Template-based** [493]. **Temporal** [476, 875, 690, 884, 247, 115, 678, 96, 900, 962, 933, 793, 821, 815, 676].

Temporal-logic [875]. **Termination** [547, 888]. **Test** [158, 303, 199, 195, 654, 565, 734, 91, 535, 846, 305, 338, 611, 842, 543, 68, 448, 511, 524, 115, 877, 840, 597, 11, 845, 129, 302, 124, 731, 672, 340, 300, 841, 304, 298, 610, 548, 866, 449, 605, 515, 609]. **test-case** [840, 597]. **test-goal** [841]. **test-suite** [841]. **testable** [447]. **Testing** [635, 513, 309, 85, 551, 759, 196, 812, 839, 838, 734, 362, 416, 332, 430, 396, 537, 608, 536, 533, 563, 306, 284, 511, 288, 648, 646, 647, 110, 677, 607, 698, 674, 315, 314, 397, 518, 534, 755, 344, 445, 130, 342, 568, 516, 815, 752, 308, 514, 866, 927, 706, 195, 301, 605, 638, 724, 609, 44, 557]. **TestREx** [718]. **tests** [482, 502, 198, 860]. **textual** [579]. **TGV** [194]. **Thai** [688]. **their** [698, 57, 312]. **Theorem** [47, 48, 415]. **theories** [603, 384]. **theory** [310, 774, 55, 194, 719, 215]. **Thoth** [162]. **Thoughtful** [527]. **thread** [782]. **threaded** [739, 86]. **three** [406, 923]. **three-valued** [406]. **tier** [361]. **Tiger** [374]. **Tiger-MGP** [841]. **Time** [207, 965, 7, 653, 863, 478, 405, 738, 383, 241, 33, 356, 743, 476, 635, 462, 546, 114, 730, 943, 805, 209, 290, 891, 704, 212, 474, 6, 477, 742, 937, 910, 360, 329, 558, 9, 257]. **time-independent** [943]. **Timed** [477, 723, 172, 217, 808, 171, 703, 902, 267, 905, 124, 210, 815, 644, 151, 593]. **timed-arc** [703]. **Timed-automata** [477]. **TIMES** [463]. **Timing** [459, 873, 465, 208, 107, 468, 464]. **TiMo** [653]. **Tinker** [682]. **TLA** [828]. **together** [232]. **token** [883]. **tolerance** [313, 191]. **tolerant** [855]. **too** [509]. **Tool** [161, 293, 237, 27, 3, 713, 383, 126, 163, 112, 132, 682, 411, 162, 958, 92, 911, 103, 279, 410, 468, 896, 921, 933, 672, 340, 369, 557, 160, 913, 19, 329, 455, 9]. **tool-integration** [160]. **toolbox** [470]. **toolchain** [942]. **ToolDAy** [410]. **toolkit** [94]. **Tools** [469, 789, 886, 214, 260, 911, 277, 882, 265, 854, 667, 715, 827, 4, 188, 400, 809, 543, 810,

14, 707, 80, 384, 899, 6, 11, 185, 626, 692, 370, 748, 956, 548, 503, 632, 334, 226, 515, 868].
toolset [387, 12, 862, 608, 291, 790].
TOOLympics [838, 847]. **topics** [245].
trace [654, 958, 793, 807, 898].
TRACE4CPS [958]. **traces** [795, 287, 658, 958, 153]. **tracing** [464].
Tradeoff [478]. **traffic** [860]. **trail** [167].
trajectories [544]. **trajectory** [98].
transactional [422]. **transfer** [906, 47].
transformation [953, 811, 561, 655, 258, 958, 826, 373, 353, 370, 369, 815].
transformational [550]. **Transformations** [249, 709, 922]. **transition** [158, 751, 274, 169, 528]. **translating** [252].
translation [148, 85, 686]. **transport** [690, 687]. **traversal** [732]. **tree** [435, 434].
trees [894, 138, 792, 800, 919]. **trend** [82].
trends [575, 511, 458, 344]. **TriCore** [873].
triple [813]. **trustworthy** [720]. **TSTL** [677]. **TTCN** [511, 299, 305, 307, 306, 513, 512, 302, 298, 309, 303, 308, 514, 515].
TTCN-2 [305]. **TTCN-3** [511, 299, 307, 306, 513, 512, 302, 298, 309, 303, 308, 514, 515]. **turns** [871]. **tutorial** [569, 595, 837]. **two** [136, 490]. **two-stage** [490]. **Type** [164, 466]. **Type-based** [164, 466]. **typed** [550, 925]. **types** [121].
typestate [442]. **typing** [116].

UML [207, 796, 196, 213, 416, 608, 209, 277, 129, 265, 210, 211, 257]. **UML-based** [257].
UML/OCL [416]. **unbounded** [742, 570, 614]. **uncertain** [893].
uncertainty [926, 935].
Underapproximation [663].
understanding [41, 922]. **unfolding** [609].
unfolding-based [609]. **unfoldings** [289].
unified [620]. **uniform** [406, 311].
uninterpreted [613]. **Unit** [144, 340].
unknown [938]. **unnecessary** [813].
unreliable [822]. **UNSAT** [914]. **until** [570]. **untimed** [347]. **update** [728].
updating [353]. **upgrade** [660]. **upon** [247].

UPPAAL [902, 569, 10, 905]. **Uppaal2k** [79]. **upper** [217, 616]. **upper-bound** [616].
usability [388]. **Usage** [237, 649, 828, 648].
usage-based [648]. **use** [357, 537]. **user** [355, 675, 47, 5]. **Using** [859, 91, 106, 88, 341, 50, 626, 394, 150, 487, 402, 336, 565, 883, 764, 324, 404, 808, 56, 874, 561, 33, 158, 35, 93, 16, 462, 556, 751, 396, 861, 611, 792, 769, 842, 68, 427, 154, 284, 524, 767, 571, 43, 892, 66, 930, 480, 317, 45, 656, 48, 912, 704, 420, 496, 852, 103, 642, 274, 182, 867, 972, 371, 73, 695, 264, 275, 222, 815, 79, 308, 421, 286, 784, 281, 688, 601, 120, 149, 44].
Utilizing [853]. **UWA** [355].

V&V [540]. **V2** [236]. **Vacuity** [96, 379].
vade [19]. **Validating** [765, 973, 210, 15].
Validation [764, 207, 767, 642, 129, 265, 27, 238, 336, 499, 72, 460, 137, 260, 45, 458, 119, 903, 961].
value [840]. **valued** [406]. **VAMP** [232].
VANETs [785]. **variability** [743, 664, 751, 579, 452, 451, 741].
variability-intensive [743]. **Variable** [780, 684]. **variables** [7]. **variants** [973, 582]. **Variations** [668]. **various** [666].
VBS [476]. **VDM** [686]. **vector** [326, 69, 919]. **vehicular** [690]. **VeriFast** [584]. **Verifiable** [872]. **Verification** [802, 653, 499, 834, 54, 83, 56, 743, 929, 934, 901, 48, 263, 18, 469, 619, 621, 662, 836, 239, 357, 780, 883, 893, 717, 232, 529, 873, 12, 699, 923, 189, 588, 383, 197, 874, 181, 33, 960, 696, 709, 229, 93, 105, 573, 462, 135, 337, 138, 620, 246, 848, 861, 786, 552, 809, 519, 521, 413, 506, 112, 297, 670, 697, 520, 500, 805, 631, 891, 191, 554, 820, 737, 739, 285, 66, 317, 69, 325, 510, 419, 104, 152, 67, 40, 924, 318, 908, 107, 103, 685, 572, 185, 633, 867, 518, 440, 61].
verification [708, 108, 921, 210, 695, 97, 169, 659, 27, 183, 441, 144, 98, 431, 528, 956, 932, 248, 79, 439, 493, 19, 791, 52, 296, 589, 250, 151, 121, 339, 785, 9, 693, 604, 715, 835, 509, 819].

Verified [384, 914, 134, 939, 671, 975].
verifier [812, 231]. **verifier-based** [812].
verifiers [38]. **verify** [587, 106, 88, 444].
Verifying [615, 892, 855, 915, 950, 205, 691, 234, 895, 828, 964, 541, 50, 912, 898, 150].
VerifyThis [848, 585, 583, 673, 584].
VeriTech [252]. **VeriVANca** [785]. **version** [511, 908, 938, 791]. **very** [154, 594]. **VHDL** [89]. **via** [615, 414, 661, 664, 637, 520, 967, 280, 178, 924, 393, 534, 342, 502, 922].
viable [475]. **VIATRA2** [372]. **view** [621, 299, 620, 47, 867]. **violation** [399].
violations [173, 392]. **virtual** [341, 364].
virtually [897]. **VIS** [97]. **vision** [632].
Visualization [958, 451, 400, 206, 975, 866].
Visualizer [879]. **VNN** [923].
VNN-COMP [923]. **vs** [218]. **VSE** [51].
vulnerabilities [799, 557].

wands [590]. **waves** [363, 871]. **WCET** [467]. **weak** [684, 791, 2]. **weak-memory** [791]. **weakest** [414]. **Web** [395, 400, 877, 514, 724, 239, 355, 316, 396, 75, 315, 314, 397, 472, 353, 350, 354, 198, 352, 308, 398].
Web-based [396, 75]. **weight** [67].
weighted [616, 311]. **Why3** [587].
Widening [268, 434]. **wider** [357]. **will** [153]. **wireless** [704]. **within** [181, 560].
Witnessing [590]. **word** [59]. **word-level** [59]. **work** [264]. **workarounds** [316, 710].
workbench [626]. **workflow** [699, 501, 280].
Workflows [564, 628, 625, 629]. **workloads** [402]. **workshop** [177, 29]. **world** [759].
Worst [114, 738, 329]. **Worst-case** [114, 738, 329].

X [949]. **X-KLAIM** [949]. **Xenon** [418].
XSB [16]. **XSpeed** [733].

Year [48]. **years** [923].

Z [358]. **Zero** [57]. **Zero-suppressed** [57].
Zeus [171]. **zone** [217, 721]. **zone-based** [217].

References

Cleaveland:1997:E

- [1] W. Rance Cleaveland, Tiziana Margaria, and Bernhard Steffen. Editorial. *International Journal on Software Tools for Technology Transfer (STTT)*, 1(1–2):1–5, December 1997. CODEN ???? ISSN 1433-2779 (print), 1433-2787 (electronic).

Wolper:1997:MFW

- [2] Pierre Wolper. The meaning of “formal”: from weak to strong formal methods. *International Journal on Software Tools for Technology Transfer (STTT)*, 1(1–2):6–8, December 1997. CODEN ???? ISSN 1433-2779 (print), 1433-2787 (electronic).

Steffen:1997:ETI

- [3] Bernhard Steffen, Tiziana Margaria, and Volker Braun. The Electronic Tool Integration platform: concepts and design. *International Journal on Software Tools for Technology Transfer (STTT)*, 1(1–2):9–30, December 1997. CODEN ???? ISSN 1433-2779 (print), 1433-2787 (electronic).

Braun:1997:ITE

- [4] Volker Braun, Tiziana Margaria, and Carsten Weise. Integrating tools in the ETI platform. *International Journal on Software Tools for Technology Transfer (STTT)*, 1(1–2):31–48, December 1997. CODEN ???? ISSN 1433-2779 (print), 1433-2787 (electronic).

Margaria:1997:IEU

- [5] Tiziana Margaria, Volker Braun, and Jürgen Kreidler. Interacting with ETI: a user session. *International Journal on*

Software Tools for Technology Transfer (STTT), 1(1-2):49-63, December 1997. CODEN ???? ISSN 1433-2779 (print), 1433-2787 (electronic).

Larsen:1997:UN

Larsen:1997:CMR

- [6] Kim G. Larsen, B. Steffen, and C. Weise. Continuous modeling of real-time and hybrid systems: from concepts to tools. *International Journal on Software Tools for Technology Transfer (STTT)*, 1(1-2):64-85, December 1997. CODEN ???? ISSN 1433-2779 (print), 1433-2787 (electronic).

Alur:1997:RTS

- [7] Rajeev Alur and Thomas A. Real-time system = discrete system + clock variables. *International Journal on Software Tools for Technology Transfer (STTT)*, 1(1-2):86-109, December 1997. CODEN ???? ISSN 1433-2779 (print), 1433-2787 (electronic).

Henzinger:1997:HMC

- [8] Thomas A. Henzinger, Pei-Hsin Ho, and Howard Wong-Toi. HYTECH: a model checker for hybrid systems. *International Journal on Software Tools for Technology Transfer (STTT)*, 1(1-2):110-122, December 1997. CODEN ???? ISSN 1433-2779 (print), 1433-2787 (electronic).

Yovine:1997:KVT

- [9] Sergio Yovine. KRONOS: a verification tool for real-time systems. *International Journal on Software Tools for Technology Transfer (STTT)*, 1(1-2):123-133, December 1997. CODEN ???? ISSN 1433-2779 (print), 1433-2787 (electronic).

- [10] Kim G. Larsen, Paul Pettersson, and Wang Yi. Uppaal in a nutshell. *International Journal on Software Tools for Technology Transfer (STTT)*, 1(1-2):134-152, December 1997. CODEN ???? ISSN 1433-2779 (print), 1433-2787 (electronic).

Leblanc:1997:OSB

- [11] Philippe Leblanc. OMT and SDL based techniques and tools for design, simulation and test production of distributed systems. *International Journal on Software Tools for Technology Transfer (STTT)*, 1(1-2):153-165, December 1997. CODEN ???? ISSN 1433-2779 (print), 1433-2787 (electronic).

Bozga:1997:PVA

- [12] Marius Bozga, Jean-Claude Fernandez, Alain Kerbrat, and Laurent Mounier. Protocol verification with the ALDÉBARAN toolset. *International Journal on Software Tools for Technology Transfer (STTT)*, 1(1-2):166-183, December 1997. CODEN ???? ISSN 1433-2779 (print), 1433-2787 (electronic).

Snelting:1998:PFS

- [13] Gregor Snelting. Paul Feyerabend and software technology. *International Journal on Software Tools for Technology Transfer (STTT)*, 2(1):1-5, November 1998. CODEN ???? ISSN 1433-2779 (print), 1433-2787 (electronic).

Hankin:1998:PAT

- [14] Chris Hankin. Program analysis tools. *International Journal on Software Tools for Technology Transfer (STTT)*, 2(1):

6–12, November 1998. CODEN ????
ISSN 1433-2779 (print), 1433-2787 (elec-
tronic).

Amtoft:1998:BAV

- [15] Torben Amtoft, Hanne Riis Nielson, and Flemming Nielson. Behavior analysis for validating communication patterns. *International Journal on Software Tools for Technology Transfer (STTT)*, 2(1): 13–28, November 1998. CODEN ???? ISSN 1433-2779 (print), 1433-2787 (electronic).

Codish:1998:SBP

- [16] Michael Codish, Bart Demoen, and Konstantinos Sagonas. Semantics-based program analysis for logic-based languages using XSB. *International Journal on Software Tools for Technology Transfer (STTT)*, 2(1):29–45, November 1998. CODEN ???? ISSN 1433-2779 (print), 1433-2787 (electronic).

Martin:1998:PEP

- [17] Florian Martin. PAG — an efficient program analyzer generator. *International Journal on Software Tools for Technology Transfer (STTT)*, 2(1):46–67, November 1998. CODEN ???? ISSN 1433-2779 (print), 1433-2787 (electronic).

Sighireanu:1998:VLL

- [18] Mihaela Sighireanu and Radu Mateescu. Verification of the Link layer protocol of the IEEE-1394 serial bus (FireWire): an experiment with E-LOTOS. *International Journal on Software Tools for Technology Transfer (STTT)*, 2(1): 68–88, November 1998. CODEN ???? ISSN 1433-2779 (print), 1433-2787 (electronic).

Stevens:1998:VTD

- [19] Perdita Stevens. A verification tool developer’s vade mecum. *International Journal on Software Tools for Technology Transfer (STTT)*, 2(2):89–94, December 1998. CODEN ???? ISSN 1433-2779 (print), 1433-2787 (electronic).

Jensen:1998:PSE

- [20] Kurt Jensen. Preface by the Section Editor: Kurt Jensen. *International Journal on Software Tools for Technology Transfer (STTT)*, 2(2):95–97, December 1998. CODEN ???? ISSN 1433-2779 (print), 1433-2787 (electronic).

Kristensen:1998:PGC

- [21] Lars M. Kristensen, Soren Christensen, and Kurt Jensen. The practitioner’s guide to coloured Petri nets. *International Journal on Software Tools for Technology Transfer (STTT)*, 2(2):98–132, December 1998. CODEN ???? ISSN 1433-2779 (print), 1433-2787 (electronic).

Xu:1998:AEA

- [22] Jianli Xu and Juha Kuusela. Analyzing the execution architecture of mobile phone software with colored Petri nets. *International Journal on Software Tools for Technology Transfer (STTT)*, 2(2): 133–143, December 1998. CODEN ???? ISSN 1433-2779 (print), 1433-2787 (electronic).

Gordon:1998:AMS

- [23] Steven Gordon and Jonathan Billington. Analysing a missile simulator with coloured Petri nets. *International Journal on Software Tools for Technology*

Transfer (STTT), 2(2):144–159, December 1998. CODEN ???? ISSN 1433-2779 (print), 1433-2787 (electronic).

Moncelet:1998:AMS

- [24] Gilles Moncelet, Søren Christensen, Hamid Demmou, Mario Paludetto, and José Porras. Analysing a mechatronic system with coloured Petri nets. *International Journal on Software Tools for Technology Transfer (STTT)*, 2(2):160–167, December 1998. CODEN ???? ISSN 1433-2779 (print), 1433-2787 (electronic).

Wagenhals:1998:CEM

- [25] Lee W. Wagenhals, Insub Shin, and Alexander H. Levis. Creating executable models of influence nets with colored Petri nets. *International Journal on Software Tools for Technology Transfer (STTT)*, 2(2):168–181, December 1998. CODEN ???? ISSN 1433-2779 (print), 1433-2787 (electronic).

Burns:1998:ASP

- [26] F. P. Burns, A. M. Koelmans, and A. V. Yakovlev. Analysing superscalar processor architectures with coloured Petri nets. *International Journal on Software Tools for Technology Transfer (STTT)*, 2(2):182–191, December 1998. CODEN ???? ISSN 1433-2779 (print), 1433-2787 (electronic).

Pnueli:1998:CVT

- [27] A. Pnueli, O. Shtrichman, and M. Siegel. The Code Validation Tool (CVT): Automatic verification of a compilation process. *International Journal on Software Tools for Technology Transfer (STTT)*, 2(2):192–201, December 1998. CODEN

???? ISSN 1433-2779 (print), 1433-2787 (electronic).

Friese:1998:IPO

- [28] Thomas Friese, Tiziana Margaria, and Alfred Hofmann. Integrating printed and online information. *International Journal on Software Tools for Technology Transfer (STTT)*, 2(2):202, December 1998. CODEN ???? ISSN 1433-2779 (print), 1433-2787 (electronic).

Johnson:1999:WFM

- [29] Steven D. Johnson. A workshop on formal methods education: held at Melbourne Florida in March 1998 [5]: an aggregation of opinions. *International Journal on Software Tools for Technology Transfer (STTT)*, 2(3):203–207, November 1999. CODEN ???? ISSN 1433-2779 (print), 1433-2787 (electronic).

Cleaveland:1999:PMC

- [30] Rance Cleaveland. Pragmatics of model checking: an STTT special section. *International Journal on Software Tools for Technology Transfer (STTT)*, 2(3):208–218, November 1999. CODEN ???? ISSN 1433-2779 (print), 1433-2787 (electronic).

Du:1999:LMC

- [31] Xiaoqun Du, Scott A. Smolka, and Rance Cleaveland. Local model checking and protocol analysis. *International Journal on Software Tools for Technology Transfer (STTT)*, 2(3):219–241, November 1999. CODEN ???? ISSN 1433-2779 (print), 1433-2787 (electronic).

Andersen:1999:PMC

- [32] Henrik Reif Andersen and Jorn Lind-Nielsen. Partial model checking of modal equations: a survey. *International Journal on Software Tools for Technology Transfer (STTT)*, 2(3):242–259, November 1999. CODEN ???? ISSN 1433-2779 (print), 1433-2787 (electronic).

Campos:1999:AVR

- [33] Sérgio Vale Aguiar Campos and Edmund Clarke. Analysis and verification of real-time systems using quantitative symbolic algorithms. *International Journal on Software Tools for Technology Transfer (STTT)*, 2(3):260–269, November 1999. CODEN ???? ISSN 1433-2779 (print), 1433-2787 (electronic).

Holzmann:1999:MAR

- [34] Gerard J. Holzmann and Anuj Puri. A minimized automaton representation of reachable states. *International Journal on Software Tools for Technology Transfer (STTT)*, 2(3):270–278, November 1999. CODEN ???? ISSN 1433-2779 (print), 1433-2787 (electronic).

Clarke:1999:SSR

- [35] E. M. Clarke, O. Grumberg, M. Minea, and D. Peled. State space reduction using partial order techniques. *International Journal on Software Tools for Technology Transfer (STTT)*, 2(3):279–287, November 1999. CODEN ???? ISSN 1433-2779 (print), 1433-2787 (electronic).

Pixley:1999:MCH

- [36] Carl Pixley and Vigyan Singhal. Model checking: a hardware design perspective. *International Journal on Software*

Tools for Technology Transfer (STTT), 2(3):288–306, November 1999. CODEN ???? ISSN 1433-2779 (print), 1433-2787 (electronic).

Jay:1999:PF

- [37] C. Barry Jay. Programming in FISH. *International Journal on Software Tools for Technology Transfer (STTT)*, 2(3):307–315, November 1999. CODEN ???? ISSN 1433-2779 (print), 1433-2787 (electronic).

Avrunin:2000:BFS

- [38] George S. Avrunin, James C. Corbett, and Matthew B. Dwyer. Benchmarking finite-state verifiers. *International Journal on Software Tools for Technology Transfer (STTT)*, 2(4):317–320, March 2000. CODEN ???? ISSN 1433-2779 (print), 1433-2787 (electronic).

Holzmann:2000:SMC

- [39] Gerard Holzmann, Eli Najm, and Ahmed Serhrouchni. SPIN model checking: an introduction. *International Journal on Software Tools for Technology Transfer (STTT)*, 2(4):321–327, March 2000. CODEN ???? ISSN 1433-2779 (print), 1433-2787 (electronic).

Kesten:2000:CDA

- [40] Yonit Kesten and Amir Pnueli. Control and data abstraction: the cornerstones of practical formal verification. *International Journal on Software Tools for Technology Transfer (STTT)*, 2(4):328–342, March 2000. CODEN ???? ISSN 1433-2779 (print), 1433-2787 (electronic).

Millett:2000:ISP

- [41] Lynette I. Millett and Tim Teitelbaum. Issues in slicing PROMELA and its applications to model checking, protocol understanding, and simulation. *International Journal on Software Tools for Technology Transfer (STTT)*, 2(4):343–349, March 2000. CODEN ???? ISSN 1433-2779 (print), 1433-2787 (electronic).

Visser:2000:PCM

- [42] Willem Visser and Howard Barringer. Practical CTL* model checking: Should SPIN be extended? *International Journal on Software Tools for Technology Transfer (STTT)*, 2(4):350–365, March 2000. CODEN ???? ISSN 1433-2779 (print), 1433-2787 (electronic).

Havelund:2000:MCJ

- [43] Klaus Havelund and Thomas Pressburger. Model checking JAVA programs using JAVA PathFinder. *International Journal on Software Tools for Technology Transfer (STTT)*, 2(4):366–381, March 2000. CODEN ???? ISSN 1433-2779 (print), 1433-2787 (electronic).

deVries:2000:FCT

- [44] René G. de Vries and Jan Tretmans. On-the-fly conformance testing using SPIN. *International Journal on Software Tools for Technology Transfer (STTT)*, 2(4):382–393, March 2000. CODEN ???? ISSN 1433-2779 (print), 1433-2787 (electronic).

Kamel:2000:FVG

- [45] Moataz Kamel and Stefan Leue. Formalization and validation of the General Inter-ORB Protocol (GIOP) using

PROMELA and SPIN. *International Journal on Software Tools for Technology Transfer (STTT)*, 2(4):394–409, March 2000. CODEN ???? ISSN 1433-2779 (print), 1433-2787 (electronic).

Cimatti:2000:NNS

- [46] Alessandro Cimatti, Edmund Clarke, Fausto Giunchiglia, and Marco Roveri. NUSMV: a new symbolic model checker. *International Journal on Software Tools for Technology Transfer (STTT)*, 2(4):410–425, March 2000. CODEN ???? ISSN 1433-2779 (print), 1433-2787 (electronic).

Giunchiglia:2000:TPT

- [47] Fausto Giunchiglia and Paolo Traverso. Theorem proving in technology transfer: the user’s point of view. *International Journal on Software Tools for Technology Transfer (STTT)*, 3(1):1–12, September 2000. CODEN ???? ISSN 1433-2779 (print), 1433-2787 (electronic).

Kaufmann:2000:VYC

- [48] Matt Kaufmann. Verification of Year 2000 conversion rules using the ACL2 theorem prover. *International Journal on Software Tools for Technology Transfer (STTT)*, 3(1):13–19, September 2000. CODEN ???? ISSN 1433-2779 (print), 1433-2787 (electronic).

DiVito:2000:HAP

- [49] Ben L. Di Vito. High-automation proofs for properties of requirements models. *International Journal on Software Tools for Technology Transfer (STTT)*, 3(1):20–31, September 2000. CODEN ???? ISSN 1433-2779 (print), 1433-2787 (electronic).

Kapur:2000:UIP

- [50] Deepak Kapur and Mahadevan Subramaniam. Using an induction prover for verifying arithmetic circuits. *International Journal on Software Tools for Technology Transfer (STTT)*, 3(1):32–65, September 2000. CODEN ???? ISSN 1433-2779 (print), 1433-2787 (electronic).

Autexier:2000:VFM

- [51] Serge Autexier, Dieter Hutter, Bruno Langenstein, Heiko Mantel, Georg Rock, Axel Schairer, Werner Stephan, Roland Vogt, and Andreas Wolpers. VSE: formal methods meet industrial needs. *International Journal on Software Tools for Technology Transfer (STTT)*, 3(1):66–77, September 2000. CODEN ???? ISSN 1433-2779 (print), 1433-2787 (electronic).

Traverso:2000:MRV

- [52] Paolo Traverso and Piergiorgio Bertoli. Mechanized result verification: an industrial application. *International Journal on Software Tools for Technology Transfer (STTT)*, 3(1):78–92, September 2000. CODEN ???? ISSN 1433-2779 (print), 1433-2787 (electronic).

Aiken:2000:DRR

- [53] Alexander Aiken, Manuel Fähndrich, and Zhendong Su. Detecting races in Relay Ladder Logic programs. *International Journal on Software Tools for Technology Transfer (STTT)*, 3(1):93–105, September 2000. CODEN ???? ISSN 1433-2779 (print), 1433-2787 (electronic).

Brinksma:2001:VE

- [54] Ed Brinksma. Verification is experimentation! *International Journal on Software Tools for Technology Transfer (STTT)*, 3(2):107–111, May 2001. CODEN ???? ISSN 1433-2779 (print), 1433-2787 (electronic).

Drechsler:2001:BDD

- [55] Rolf Drechsler and Detlef Sieling. Binary decision diagrams in theory and practice. *International Journal on Software Tools for Technology Transfer (STTT)*, 3(2):112–136, May 2001. CODEN ???? ISSN 1433-2779 (print), 1433-2787 (electronic).

Bryant:2001:VAC

- [56] Randal E. Bryant and Yirng-An Chen. Verification of arithmetic circuits using binary moment diagrams. *International Journal on Software Tools for Technology Transfer (STTT)*, 3(2):137–155, May 2001. CODEN ???? ISSN 1433-2779 (print), 1433-2787 (electronic).

Minato:2001:ZSB

- [57] Shin ichi Minato. Zero-suppressed BDDs and their applications. *International Journal on Software Tools for Technology Transfer (STTT)*, 3(2):156–170, May 2001. CODEN ???? ISSN 1433-2779 (print), 1433-2787 (electronic).

Somenzi:2001:EMD

- [58] Fabio Somenzi. Efficient manipulation of decision diagrams. *International Journal on Software Tools for Technology Transfer (STTT)*, 3(2):171–181, May 2001. CODEN ???? ISSN 1433-2779 (print), 1433-2787 (electronic).

Horeth:2001:WLG

- [59] Stefan Höreth. A word-level graph manipulation package. *International Journal on Software Tools for Technology Transfer (STTT)*, 3(2):182–192, May 2001. CODEN ???? ISSN 1433-2779 (print), 1433-2787 (electronic).

Harlow:2001:DEE

- [60] Justin E. Harlow III and Franc Brglez. Design of experiments and evaluation of BDD ordering heuristics. *International Journal on Software Tools for Technology Transfer (STTT)*, 3(2):193–206, May 2001. CODEN ???? ISSN 1433-2779 (print), 1433-2787 (electronic).

Mohnke:2001:ABB

- [61] Janett Mohnke, Paul Molitor, and Sharad Malik. Application of BDDs in Boolean matching techniques for formal logic combinational verification. *International Journal on Software Tools for Technology Transfer (STTT)*, 3(2):207–216, May 2001. CODEN ???? ISSN 1433-2779 (print), 1433-2787 (electronic).

Massingill:2001:PPP

- [62] Berna L. Massingill, Timothy G. Mattson, and Beverly A. Sanders. Parallel programming with a pattern language*. *International Journal on Software Tools for Technology Transfer (STTT)*, 3(2):217–234, May 2001. CODEN ???? ISSN 1433-2779 (print), 1433-2787 (electronic).

Bartoli:2001:ACM

- [63] Alberto Bartoli, Gianluca Dini, and Lanfranco Lopriore. Application-controlled memory management in a

single address space environment. *International Journal on Software Tools for Technology Transfer (STTT)*, 3(2):235–245, May 2001. CODEN ???? ISSN 1433-2779 (print), 1433-2787 (electronic).

Cleaveland:2001:PSE

- [64] Rance Cleaveland. Preface by the section editor. *International Journal on Software Tools for Technology Transfer (STTT)*, 3(3):247–249, August 2001. CODEN ???? ISSN 1433-2779 (print), 1433-2787 (electronic).

Delzanno:2001:CBD

- [65] Giorgio Delzanno and Andreas Podelski. Constraint-based deductive model checking. *International Journal on Software Tools for Technology Transfer (STTT)*, 3(3):250–270, August 2001. CODEN ???? ISSN 1433-2779 (print), 1433-2787 (electronic).

Hirschhoff:2001:BVU

- [66] Daniel Hirschhoff. Bisimulation verification using the up to techniques. *International Journal on Software Tools for Technology Transfer (STTT)*, 3(3):271–285, August 2001. CODEN ???? ISSN 1433-2779 (print), 1433-2787 (electronic).

Kern:2001:LWF

- [67] Christoph Kern, Tarik Ono-Tesfaye, and Mark R. Greenstreet. A light-weight framework for hardware verification. *International Journal on Software Tools for Technology Transfer (STTT)*, 3(3):286–313, August 2001. CODEN ???? ISSN 1433-2779 (print), 1433-2787 (electronic).

Garavel:2001:SDC

- [68] Hubert Garavel, César Viho, and Massimo Zendri. System design of a CC-NUMA multiprocessor architecture using formal specification, model-checking, co-simulation, and test generation. *International Journal on Software Tools for Technology Transfer (STTT)*, 3(3): 314–331, August 2001. CODEN ???? ISSN 1433-2779 (print), 1433-2787 (electronic).

Huisman:2001:CSC

- [69] Marieke Huisman, Bart Jacobs, and Joachim van den Berg. A case study in class library verification: Java’s vector class. *International Journal on Software Tools for Technology Transfer (STTT)*, 3(3):332–352, August 2001. CODEN ???? ISSN 1433-2779 (print), 1433-2787 (electronic).

Lindahl:2001:FDA

- [70] Magnus Lindahl, Paul Pettersson, and Wang Yi. Formal design and analysis of a gear controller. *International Journal on Software Tools for Technology Transfer (STTT)*, 3(3):353–368, August 2001. CODEN ???? ISSN 1433-2779 (print), 1433-2787 (electronic).

Jensen:2001:PSE

- [71] Kurt Jensen. Preface by the section editor. *International Journal on Software Tools for Technology Transfer (STTT)*, 3(4):369–371, September 2001. CODEN ???? ISSN 1433-2779 (print), 1433-2787 (electronic).

Berthelot:2001:SVC

- [72] Gérard Berthelot and Laure Petrucci. Specification and validation of a concurrent system: an educational project.

International Journal on Software Tools for Technology Transfer (STTT), 3(4): 372–381, September 2001. CODEN ???? ISSN 1433-2779 (print), 1433-2787 (electronic).

Ojala:2001:MAD

- [73] Leo Ojala, Nisse Husberg, and Teemu Tynjälä. Modelling and analysing a distributed dynamic channel allocation algorithm for mobile computing using high-level net methods. *International Journal on Software Tools for Technology Transfer (STTT)*, 3(4):382–393, September 2001. CODEN ???? ISSN 1433-2779 (print), 1433-2787 (electronic).

Genrich:2001:EPN

- [74] Hartmann Genrich, Robert Küffner, and Klaus Voss. Executable Petri net models for the analysis of metabolic pathways. *International Journal on Software Tools for Technology Transfer (STTT)*, 3(4): 394–404, September 2001. CODEN ???? ISSN 1433-2779 (print), 1433-2787 (electronic).

Lindstrom:2001:WBI

- [75] Bo Lindstrom. Web-based interfaces for simulation of coloured Petri net models. *International Journal on Software Tools for Technology Transfer (STTT)*, 3(4): 405–416, September 2001. CODEN ???? ISSN 1433-2779 (print), 1433-2787 (electronic).

Bernardi:2001:ICS

- [76] S. Bernardi, S. Donatelli, and A. Horváth. Implementing compositionality for stochastic Petri nets. *International Journal on Software Tools for Technology Transfer (STTT)*, 3(4):417–430,

September 2001. CODEN ???? ISSN 1433-2779 (print), 1433-2787 (electronic).

Anlauff:2001:GAN

- [77] Matthias Anlauff, Samarjit Chakraborty, Philipp W. Kutter, Alfonso Pierantonio, and Lothar Thiele. Generating an action notation environment from Montages descriptions. *International Journal on Software Tools for Technology Transfer (STTT)*, 3(4):431–455, September 2001. CODEN ???? ISSN 1433-2779 (print), 1433-2787 (electronic).

Aizman:2001:EC

- [78] Alex Aizman. Easy concurrency. *International Journal on Software Tools for Technology Transfer (STTT)*, 3(4):456–468, September 2001. CODEN ???? ISSN 1433-2779 (print), 1433-2787 (electronic).

Simons:2001:MVI

- [79] David P. L. Simons and Mariëlle I. A. Stoelinga. Mechanical verification of the IEEE 1394a root contention protocol using Uppaal2k. *International Journal on Software Tools for Technology Transfer (STTT)*, 3(4):469–485, September 2001. CODEN ???? ISSN 1433-2779 (print), 1433-2787 (electronic).

Kindler:2001:PNK

- [80] Ekkart Kindler and Michael Weber. The Petri Net Kernel: an infrastructure for building Petri net tools. *International Journal on Software Tools for Technology Transfer (STTT)*, 3(4):486–497, September 2001. CODEN ???? ISSN 1433-2779 (print), 1433-2787 (electronic).

Shaw:2002:WMG

- [81] Mary Shaw. What makes good research in software engineering? *International Journal on Software Tools for Technology Transfer (STTT)*, 4(1):1–7, October 2002. CODEN ???? ISSN 1433-2779 (print), 1433-2787 (electronic).

Havelund:2002:PMC

- [82] Klaus Havelund and Willem Visser. Program model checking as a new trend. *International Journal on Software Tools for Technology Transfer (STTT)*, 4(1):8–20, October 2002. CODEN ???? ISSN 1433-2779 (print), 1433-2787 (electronic).

Brinksma:2002:VOP

- [83] Ed Brinksma, Angelika Mader, and Ansgar Fehnker. Verification and optimization of a PLC control schedule. *International Journal on Software Tools for Technology Transfer (STTT)*, 4(1):21–33, October 2002. CODEN ???? ISSN 1433-2779 (print), 1433-2787 (electronic).

Corbett:2002:ECP

- [84] James C. Corbett, Matthew B. Dwyer, John Hatcliff, and Robby. Expressing checkable properties of dynamic systems: the Bandera Specification Language. *International Journal on Software Tools for Technology Transfer (STTT)*, 4(1):34–56, October 2002. CODEN ???? ISSN 1433-2779 (print), 1433-2787 (electronic).

Tauriainen:2002:TLF

- [85] Heikki Tauriainen and Keijo Heljanko. Testing LTL formula translation into Büchi automata. *International Journal*

on *Software Tools for Technology Transfer (STTT)*, 4(1):57–70, October 2002. CODEN ???? ISSN 1433-2779 (print), 1433-2787 (electronic).

Stoller:2002:MCM

- [86] Scott D. Stoller. Model-checking multi-threaded distributed Java programs. *International Journal on Software Tools for Technology Transfer (STTT)*, 4(1):71–91, October 2002. CODEN ???? ISSN 1433-2779 (print), 1433-2787 (electronic).

Bosnacki:2002:SS

- [87] Dragan Bošnački, Dennis Dams, and Leszek Holenderski. Symmetric Spin. *International Journal on Software Tools for Technology Transfer (STTT)*, 4(1):92–106, October 2002. CODEN ???? ISSN 1433-2779 (print), 1433-2787 (electronic).

Eisner:2002:USC

- [88] Cindy Eisner. Using symbolic CTL model checking to verify the railway stations of Hoorn-Kersenboogerd and Heerhugowaard. *International Journal on Software Tools for Technology Transfer (STTT)*, 4(1):107–124, October 2002. CODEN ???? ISSN 1433-2779 (print), 1433-2787 (electronic).

Clarke:2002:PSV

- [89] E. M. Clarke, M. Fujita, S. P. Rajan, T. Reps, S. Shankar, and T. Teitelbaum. Program slicing for VHDL. *International Journal on Software Tools for Technology Transfer (STTT)*, 4(1):125–137, October 2002. CODEN ???? ISSN 1433-2779 (print), 1433-2787 (electronic).

Graf:2003:PSE

- [90] Susanne Graf. Preface by the section editor. *International Journal on Software Tools for Technology Transfer (STTT)*, 4(2):139–141, February 2003. CODEN ???? ISSN 1433-2779 (print), 1433-2787 (electronic).

Bozga:2003:USA

- [91] Marius Bozga, Jean-Claude Fernandez, and Lucian Ghirvu. Using static analysis to improve automatic test generation. *International Journal on Software Tools for Technology Transfer (STTT)*, 4(2):142–152, February 2003. CODEN ???? ISSN 1433-2779 (print), 1433-2787 (electronic).

Hermanns:2003:TMC

- [92] Holger Hermanns, Joost-Pieter Katoen, Joachim Meyer-Kayser, and Markus Siegle. A tool for model-checking Markov chains. *International Journal on Software Tools for Technology Transfer (STTT)*, 4(2):153–172, February 2003. CODEN ???? ISSN 1433-2779 (print), 1433-2787 (electronic).

Clarke:2003:EVS

- [93] Edmund Clarke, Somesh Jha, and Will Marrero. Efficient verification of security protocols using partial-order reductions. *International Journal on Software Tools for Technology Transfer (STTT)*, 4(2):173–188, February 2003. CODEN ???? ISSN 1433-2779 (print), 1433-2787 (electronic).

Dennis:2003:PT

- [94] Louise A. Dennis, Graham Collins, Michael Norrish, Richard J. Boulton,

Konrad Slind, and Thomas F. Melham. The PROSPER toolkit. *International Journal on Software Tools for Technology Transfer (STTT)*, 4(2): 189–210, February 2003. CODEN ???? ISSN 1433-2779 (print), 1433-2787 (electronic).

Johnson:2003:SIT

- [95] Steven D. Johnson, Yanhong A. Liu, and Yuchen Zhang. A systematic incrementalization technique and its application to hardware design. *International Journal on Software Tools for Technology Transfer (STTT)*, 4(2):211–223, February 2003. CODEN ???? ISSN 1433-2779 (print), 1433-2787 (electronic).

Kupferman:2003:VDT

- [96] Orna Kupferman and Moshe Y. Vardi. Vacuity detection in temporal model checking. *International Journal on Software Tools for Technology Transfer (STTT)*, 4(2):224–233, February 2003. CODEN ???? ISSN 1433-2779 (print), 1433-2787 (electronic).

Peng:2003:CSV

- [97] Hong Peng, Sofiène Tahar, and Ferhat Khendek. Comparison of SPIN and VIS for protocol verification. *International Journal on Software Tools for Technology Transfer (STTT)*, 4(2): 234–245, February 2003. CODEN ???? ISSN 1433-2779 (print), 1433-2787 (electronic).

Ruys:2003:MVT

- [98] Theo C. Ruys and Ed Brinksma. Managing the verification trajectory. *International Journal on Software Tools for Technology Transfer (STTT)*, 4(2): 246–259, February 2003. CODEN ????

ISSN 1433-2779 (print), 1433-2787 (electronic).

Wing:2003:PA

- [99] Jeannette M. Wing. Platitudes and attitudes. *International Journal on Software Tools for Technology Transfer (STTT)*, 4(3):261–265, May 2003. CODEN ???? ISSN 1433-2779 (print), 1433-2787 (electronic).

Margaria:2003:PSE

- [100] Tiziana Margaria. Preface by the section editor. *International Journal on Software Tools for Technology Transfer (STTT)*, 4(3):266–270, May 2003. CODEN ???? ISSN 1433-2779 (print), 1433-2787 (electronic).

Mycroft:2003:HLT

- [101] Alan Mycroft and Richard Sharp. Higher-level techniques for hardware description and synthesis. *International Journal on Software Tools for Technology Transfer (STTT)*, 4(3):271–297, May 2003. CODEN ???? ISSN 1433-2779 (print), 1433-2787 (electronic).

Aagaard:2003:FSM

- [102] Mark D. Aagaard, Byron Cook, Nancy A. Day, and Robert B. Jones. A framework for superscalar microprocessor correctness statements. *International Journal on Software Tools for Technology Transfer (STTT)*, 4(3): 298–312, May 2003. CODEN ???? ISSN 1433-2779 (print), 1433-2787 (electronic).

Kort:2003:HFV

- [103] Skander Kort, Sofiène Tahar, and Paul Curzon. Hierarchical formal verification using a hybrid tool. *International*

Journal on Software Tools for Technology Transfer (STTT), 4(3):313–322, May 2003. CODEN ???? ISSN 1433-2779 (print), 1433-2787 (electronic).

Kaivola:2003:PEL

- [104] Roope Kaivola and Katherine Kohatsu. Proof engineering in the large: formal verification of Pentium(R)4 floating-point divider. *International Journal on Software Tools for Technology Transfer (STTT)*, 4(3):323–334, May 2003. CODEN ???? ISSN 1433-2779 (print), 1433-2787 (electronic).

Copty:2003:EDF

- [105] Fady Copty, Amitai Iron, Osnat Weissberg, Nathan Kropp, and Gila Kamhi. Efficient debugging in a formal verification environment. *International Journal on Software Tools for Technology Transfer (STTT)*, 4(3):335–348, May 2003. CODEN ???? ISSN 1433-2779 (print), 1433-2787 (electronic).

Claessen:2003:ULD

- [106] Koen Claessen, Mary Sheeran, and Satnam Singh. Using Lava to design and verify recursive and periodic sorters. *International Journal on Software Tools for Technology Transfer (STTT)*, 4(3):349–358, May 2003. CODEN ???? ISSN 1433-2779 (print), 1433-2787 (electronic).

Kong:2003:RBF

- [107] Xiaohua Kong, Radu Negulescu, and Larry Weidong Ying. Refinement-based formal verification with heterogeneous timing. *International Journal on Software Tools for Technology Transfer (STTT)*, 4(3):359–370, May 2003. CO-

DEN ???? ISSN 1433-2779 (print), 1433-2787 (electronic).

Munoz:2003:FVC

- [108] César Muñoz, Víctor Carreño, Gilles Dowek, and Ricky Butler. Formal verification of conflict detection algorithms. *International Journal on Software Tools for Technology Transfer (STTT)*, 4(3):371–380, May 2003. CODEN ???? ISSN 1433-2779 (print), 1433-2787 (electronic).

ElGuemhioui:2003:FDO

- [109] Karim El Guemhioui. A framework for distributing object-oriented designs. *International Journal on Software Tools for Technology Transfer (STTT)*, 4(3):381–396, May 2003. CODEN ???? ISSN 1433-2779 (print), 1433-2787 (electronic).

Hogrefe:2003:MIP

- [110] Dieter Hogrefe. Main issues in protocol testing. *International Journal on Software Tools for Technology Transfer (STTT)*, 4(4):397–400, August 2003. CODEN ???? ISSN 1433-2779 (print), 1433-2787 (electronic).

Jonsson:2003:PSE

- [111] Bengt Jonsson and Konstantinos Sagonas. Preface by the section editors. *International Journal on Software Tools for Technology Transfer (STTT)*, 4(4):401–404, August 2003. CODEN ???? ISSN 1433-2779 (print), 1433-2787 (electronic).

Fredlund:2003:VTE

- [112] Lars-Åke Fredlund, Dilian Gurov, Thomas Noll, Mads Dam, Thomas Arts, and Gennady Chugunov. A verification

tool for ERLANG. *International Journal on Software Tools for Technology Transfer (STTT)*, 4(4):405–420, August 2003. CODEN ????? ISSN 1433-2779 (print), 1433-2787 (electronic).

Johansson:2003:DHS

- [113] Erik Johansson, Mikael Petterson, Konstantinos Sagonas, and Thomas Lindgren. The development of the HiPE system: design and experience report. *International Journal on Software Tools for Technology Transfer (STTT)*, 4(4):421–436, August 2003. CODEN ????? ISSN 1433-2779 (print), 1433-2787 (electronic).

Engblom:2003:WCE

- [114] Jakob Engblom, Andreas Ermedahl, Mikael Sjödin, Jan Gustafsson, and Hans Hansson. Worst-case execution-time analysis for embedded real-time systems. *International Journal on Software Tools for Technology Transfer (STTT)*, 4(4):437–455, August 2003. CODEN ????? ISSN 1433-2779 (print), 1433-2787 (electronic).

Haakansson:2003:GOT

- [115] John Håkansson, Bengt Jonsson, and Ola Lundqvist. Generating online test oracles from temporal logic specifications. *International Journal on Software Tools for Technology Transfer (STTT)*, 4(4):456–471, August 2003. CODEN ????? ISSN 1433-2779 (print), 1433-2787 (electronic).

Debbabi:2003:ST

- [116] Mourad Debbabi, Nancy Durgin, Mohamed Mejri, and John C. Mitchell. Security by typing. *International Journal*

on Software Tools for Technology Transfer (STTT), 4(4):472–495, August 2003. CODEN ????? ISSN 1433-2779 (print), 1433-2787 (electronic).

Ben-David:2003:SDF

- [117] Shoham Ben-David, Orna Grumberg, Tamir Heyman, and Assaf Schuster. Scalable distributed on-the-fly symbolic model checking. *International Journal on Software Tools for Technology Transfer (STTT)*, 4(4):496–504, August 2003. CODEN ????? ISSN 1433-2779 (print), 1433-2787 (electronic).

Dong:2003:FLG

- [118] Yifei Dong, Xiaoqun Du, Gerard J. Holzmann, and Scott A. Smolka. Fighting livelock in the GNU i-protocol: a case study in explicit-state model checking. *International Journal on Software Tools for Technology Transfer (STTT)*, 4(4):505–528, August 2003. CODEN ????? ISSN 1433-2779 (print), 1433-2787 (electronic).

Margarita:2003:IPS

- [119] Tiziana Margaria and Wang Yi. Introductory paper: scalability aspects of validation. *International Journal on Software Tools for Technology Transfer (STTT)*, 5(1):1–3, November 2003. CODEN ????? ISSN 1433-2779 (print), 1433-2787 (electronic).

Williams:2003:SCU

- [120] Poul F. Williams, Henrik R. Andersen, and Henrik Hulgaard. Satisfiability checking using Boolean Expression Diagrams. *International Journal on Software Tools for Technology Transfer (STTT)*, 5(1):4–14, November 2003.

CODEN ???? ISSN 1433-2779 (print),
1433-2787 (electronic).

Yavuz-Kahveci:2003:SMA

- [121] Tuba Yavuz-Kahveci and Tevfik Bul-tan. A symbolic manipulator for automated verification of reactive systems with heterogeneous data types. *International Journal on Software Tools for Technology Transfer (STTT)*, 5(1): 15–33, November 2003. CODEN ???? ISSN 1433-2779 (print), 1433-2787 (elec-tronic).

Pasareanu:2003:FFA

- [122] Corina S. Păsăreanu, Matthew B. Dwyer, and Willem Visser. Finding feasible abstract counter-examples. *International Journal on Software Tools for Technology Transfer (STTT)*, 5(1): 34–48, November 2003. CODEN ???? ISSN 1433-2779 (print), 1433-2787 (elec-tronic).

Ball:2003:BCA

- [123] Thomas Ball, Andreas Podelski, and Sri-ram K. Rajamani. Boolean and Carte-sian abstraction for model checking C programs. *International Journal on Software Tools for Technology Trans-fer (STTT)*, 5(1):49–58, November 2003. CODEN ???? ISSN 1433-2779 (print), 1433-2787 (electronic).

Nielsen:2003:ATG

- [124] Brian Nielsen and Arne Skou. Au-tomated test generation from timed automata. *International Journal on Software Tools for Technology Trans-fer (STTT)*, 5(1):59–77, November 2003. CODEN ???? ISSN 1433-2779 (print), 1433-2787 (electronic).

Gunter:2003:CMS

- [125] Elsa L. Gunter, Anca Muscholl, and Doron Peled. Compositional message sequence charts. *International Journal on Software Tools for Technology Trans-fer (STTT)*, 5(1):78–89, November 2003. CODEN ???? ISSN 1433-2779 (print), 1433-2787 (electronic).

Chevalley:2003:MAT

- [126] P. Chevalley and P. Thévenod-Fosse. A mutation analysis tool for Java pro-grams. *International Journal on Soft-ware Tools for Technology Transfer (STTT)*, 5(1):90–103, November 2003. CODEN ???? ISSN 1433-2779 (print), 1433-2787 (electronic).

vandePol:2004:IP

- [127] Jaco van de Pol. Introductory paper. *International Journal on Software Tools for Technology Transfer (STTT)*, 5(2–3):105–106, March 2004. CODEN ???? ISSN 1433-2779 (print), 1433-2787 (elec-tronic).

Margaria:2004:LCG

- [128] Tiziana Margaria and Bernhard Stef-fen. Lightweight coarse-grained coordi-nation: a scalable system-level ap-proach. *International Journal on Soft-ware Tools for Technology Transfer (STTT)*, 5(2–3):107–123, March 2004. CODEN ???? ISSN 1433-2779 (print), 1433-2787 (electronic).

Lugato:2004:VAT

- [129] David Lugato, Céline Bigot, Yannick Valot, Jean-Pierre Gallois, Sébastien Gérard, and François Terrier. Valida-tion and automatic test generation on UML models: the AGATHA approach.

International Journal on Software Tools for Technology Transfer (STTT), 5(2–3):124–139, March 2004. CODEN ???? ISSN 1433-2779 (print), 1433-2787 (electronic).

Pretschner:2004:MBT

- [130] A. Pretschner, O. Slotosch, E. Aiglstorfer, and S. Kriebel. Model-based testing for real: The inhouse card case study. *International Journal on Software Tools for Technology Transfer (STTT)*, 5(2–3):140–157, March 2004. CODEN ???? ISSN 1433-2779 (print), 1433-2787 (electronic).

Pace:2004:CEG

- [131] Gordon Pace, Nicolas Halbwachs, and Pascal Raymond. Counter-example generation in symbolic abstract model-checking. *International Journal on Software Tools for Technology Transfer (STTT)*, 5(2–3):158–164, March 2004. CODEN ???? ISSN 1433-2779 (print), 1433-2787 (electronic).

Gallardo:2004:ATA

- [132] María del Mar Gallardo, Jesús Martínez, Pedro Merino, and Ernesto Pimentel. aSPIN: a tool for abstract model checking. *International Journal on Software Tools for Technology Transfer (STTT)*, 5(2–3):165–184, March 2004. CODEN ???? ISSN 1433-2779 (print), 1433-2787 (electronic).

Schuppan:2004:ERF

- [133] Viktor Schuppan and Armin Biere. Efficient reduction of finite state model checking to reachability analysis. *International Journal on Software Tools for Technology Transfer (STTT)*, 5(2–3):185–204, March 2004. CODEN ????

ISSN 1433-2779 (print), 1433-2787 (electronic).

Arts:2004:DVE

- [134] Thomas Arts, Clara Benac Earle, and John Derrick. Development of a verified Erlang program for resource locking. *International Journal on Software Tools for Technology Transfer (STTT)*, 5(2–3):205–220, March 2004. CODEN ???? ISSN 1433-2779 (print), 1433-2787 (electronic).

Daws:2004:AVI

- [135] Conrado Daws, Marta Kwiatkowska, and Gethin Norman. Automatic verification of the IEEE 1394 root contention protocol with KRONOS and PRISM. *International Journal on Software Tools for Technology Transfer (STTT)*, 5(2–3):221–236, March 2004. CODEN ???? ISSN 1433-2779 (print), 1433-2787 (electronic).

Boldo:2004:PTC

- [136] Sylvie Boldo and Marc Daumas. Properties of two's complement floating point notations. *International Journal on Software Tools for Technology Transfer (STTT)*, 5(2–3):237–246, March 2004. CODEN ???? ISSN 1433-2779 (print), 1433-2787 (electronic). URL <http://perso.ens-lyon.fr/marc.daumas/SoftArith/Bol1Dau04a.pdf>.

Edelkamp:2004:DES

- [137] Stefan Edelkamp, Stefan Leue, and Alberto Lluch-Lafuente. Directed explicit-state model checking in the validation of communication protocols. *International Journal on Software Tools for Technology Transfer (STTT)*, 5(2–3):247–267,

March 2004. CODEN ???? ISSN 1433-2779 (print), 1433-2787 (electronic).

Delzanno:2004:CST

- [138] Giorgio Delzanno, Jean-François Raskin, and Laurent Van Begin. Covering sharing trees: a compact data structure for parameterized verification. *International Journal on Software Tools for Technology Transfer (STTT)*, 5(2-3): 268–297, March 2004. CODEN ???? ISSN 1433-2779 (print), 1433-2787 (electronic).

Iyer:2004:IP

- [139] S. Purushothaman Iyer, David Hislop, Paul L. Jones, Jaime Lee, Frederick Pearce, and Stephen Van Albert. Introductory paper. *International Journal on Software Tools for Technology Transfer (STTT)*, 5(4):299–300, May 2004. CODEN ???? ISSN 1433-2779 (print), 1433-2787 (electronic).

Martin:2004:FMS

- [140] John C. Martin. Formal methods software engineering for the CARA system. *International Journal on Software Tools for Technology Transfer (STTT)*, 5(4):301–307, May 2004. CODEN ???? ISSN 1433-2779 (print), 1433-2787 (electronic).

Alur:2004:FSA

- [141] Rajeev Alur, David Arney, Elsa L. Gunter, Insup Lee, Jaime Lee, Won-hong Nam, Frederick Pearce, Steve Van Albert, and Jiaxiang Zhou. Formal specifications and analysis of the computer-assisted resuscitation algorithm (CARA) Infusion Pump Control System. *International Journal on Software Tools for Technology Transfer*

(*STTT*), 5(4):308–319, May 2004. CODEN ???? ISSN 1433-2779 (print), 1433-2787 (electronic).

Jetley:2004:CSA

- [142] Raoul Praful Jetley, Cohan Carlos, and S. Purushothaman Iyer. A case study on applying formal methods to medical devices: computer-aided resuscitation algorithm. *International Journal on Software Tools for Technology Transfer (STTT)*, 5(4):320–330, May 2004. CODEN ???? ISSN 1433-2779 (print), 1433-2787 (electronic).

Stark:2004:FSC

- [143] Eugene W. Stark. Formally specifying CARA in Java. *International Journal on Software Tools for Technology Transfer (STTT)*, 5(4):331–350, May 2004. CODEN ???? ISSN 1433-2779 (print), 1433-2787 (electronic).

Ray:2004:UVC

- [144] Arnab Ray and Rance Cleaveland. Unit verification: the CARA experience. *International Journal on Software Tools for Technology Transfer (STTT)*, 5(4): 351–369, May 2004. CODEN ???? ISSN 1433-2779 (print), 1433-2787 (electronic).

Luqi:2004:RDB

- [145] Luqi, Z. Guan, V. Berzins, L. Zhang, D. Flooden, V. Coskun, J. Puett, and M. Brown. Requirements-document-based prototyping of CARA software. *International Journal on Software Tools for Technology Transfer (STTT)*, 5(4): 370–390, May 2004. CODEN ???? ISSN 1433-2779 (print), 1433-2787 (electronic).

Zuck:2004:PSE

- [146] Lenore Zuck, Paul Attie, and Agostino Cortesi. Preface by the section editors. *International Journal on Software Tools for Technology Transfer (STTT)*, 6(1):1–3, July 2004. CODEN ???? ISSN 1433-2779 (print), 1433-2787 (electronic).

Hungar:2004:BBM

- [147] Hardi Hungar and Bernhard Steffen. Behavior-based model construction. *International Journal on Software Tools for Technology Transfer (STTT)*, 6(1):4–14, July 2004. CODEN ???? ISSN 1433-2779 (print), 1433-2787 (electronic).

Rival:2004:CCA

- [148] Xavier Rival. Certification of compiled assembly code by invariant translation. *International Journal on Software Tools for Technology Transfer (STTT)*, 6(1):15–37, July 2004. CODEN ???? ISSN 1433-2779 (print), 1433-2787 (electronic).

Yang:2004:LEC

- [149] Ping Yang, C. R. Ramakrishnan, and Scott A. Smolka. A logical encoding of the π -calculus: model checking mobile processes using tabled resolution. *International Journal on Software Tools for Technology Transfer (STTT)*, 6(1):38–66, July 2004. CODEN ???? ISSN 1433-2779 (print), 1433-2787 (electronic).

Win:2004:USE

- [150] Toh Ne Win, Michael D. Ernst, Stephen J. Garland, Dilsun Kimathrlimath, and Nancy A. Lynch. Using simulated execution in verifying distributed

algorithms. *International Journal on Software Tools for Technology Transfer (STTT)*, 6(1):67–76, July 2004. CODEN ???? ISSN 1433-2779 (print), 1433-2787 (electronic).

Wang:2004:EVT

- [151] Farn Wang. Efficient verification of timed automata with BDD-like data structures. *International Journal on Software Tools for Technology Transfer (STTT)*, 6(1):77–97, July 2004. CODEN ???? ISSN 1433-2779 (print), 1433-2787 (electronic).

Katoen:2004:GEI

- [152] Joost-Pieter Katoen and Perdita Stevens. Guest editors' introduction: Advancements and extensions of verification techniques. *International Journal on Software Tools for Technology Transfer (STTT)*, 6(2):99–101, August 2004. CODEN ???? ISSN 1433-2779 (print), 1433-2787 (electronic).

Jin:2004:FFW

- [153] HoonSang Jin, Kavita Ravi, and Fabio Somenzi. Fate and free will in error traces. *International Journal on Software Tools for Technology Transfer (STTT)*, 6(2):102–116, August 2004. CODEN ???? ISSN 1433-2779 (print), 1433-2787 (electronic).

Godefroid:2004:EVL

- [154] Patrice Godefroid and Sarfraz Khurshid. Exploring very large state spaces using genetic algorithms. *International Journal on Software Tools for Technology Transfer (STTT)*, 6(2):117–127, August 2004. CODEN ???? ISSN 1433-2779 (print), 1433-2787 (electronic).

Kwiatkowska:2004:PSM

- [155] Marta Kwiatkowska, Gethin Norman, and David Parker. Probabilistic symbolic model checking with PRISM: a hybrid approach. *International Journal on Software Tools for Technology Transfer (STTT)*, 6(2):128–142, August 2004. CODEN ???? ISSN 1433-2779 (print), 1433-2787 (electronic).

Bouquet:2004:CBC

- [156] Fabrice Bouquet, Bruno Legeard, and Fabien Peureux. CLPS-B — a constraint solver to animate a B specification. *International Journal on Software Tools for Technology Transfer (STTT)*, 6(2):143–157, August 2004. CODEN ???? ISSN 1433-2779 (print), 1433-2787 (electronic).

Havelund:2004:EMS

- [157] Klaus Havelund and Grigore Roşu. Efficient monitoring of safety properties. *International Journal on Software Tools for Technology Transfer (STTT)*, 6(2):158–173, August 2004. CODEN ???? ISSN 1433-2779 (print), 1433-2787 (electronic).

Campos:2004:TSG

- [158] Sérgio Campos, Orna Grumberg, Karen Yorav, and Copty Fady. Test sequence generation and model checking using dynamic transition relations. *International Journal on Software Tools for Technology Transfer (STTT)*, 6(2):174–182, August 2004. CODEN ???? ISSN 1433-2779 (print), 1433-2787 (electronic).

Dorr:2004:I

- [159] Heiko Dörr and Andy Schürr. Introduction. *International Journal on Software*

Tools for Technology Transfer (STTT), 6(3):183–185, August 2004. CODEN ???? ISSN 1433-2779 (print), 1433-2787 (electronic).

Schopfer:2004:CTI

- [160] G. Schopfer, A. Yang, L. von Wedel, and W. Marquardt. CHEOPS: a tool-integration platform for chemical process modelling and simulation. *International Journal on Software Tools for Technology Transfer (STTT)*, 6(3):186–202, August 2004. CODEN ???? ISSN 1433-2779 (print), 1433-2787 (electronic).

Burmester:2004:TIM

- [161] Sven Burmester, Holger Giese, Jörg Niere, Matthias Tichy, Jörg P. Wadsack, Robert Wagner, Lothar Wendehals, and Albert Zündorf. Tool integration at the meta-model level: the Fujaba approach. *International Journal on Software Tools for Technology Transfer (STTT)*, 6(3):203–218, August 2004. CODEN ???? ISSN 1433-2779 (print), 1433-2787 (electronic).

Hansen:2004:TPS

- [162] Klaus Marius Hansen. Thoth: a publish/subscribe architecture for peer-to-peer tool integration. *International Journal on Software Tools for Technology Transfer (STTT)*, 6(3):219–230, August 2004. CODEN ???? ISSN 1433-2779 (print), 1433-2787 (electronic).

Corradini:2004:ABA

- [163] Flavio Corradini, Leonardo Mariani, and Emanuela Merelli. An agent-based approach to tool integration. *International Journal on Software Tools for Technology Transfer (STTT)*, 6(3):

231–244, August 2004. CODEN ???? ISSN 1433-2779 (print), 1433-2787 (electronic).

Colaco:2004:TBI

- [164] Jean-Louis Colaço and Marc Pouzet. Type-based initialization analysis of a synchronous dataflow language. *International Journal on Software Tools for Technology Transfer (STTT)*, 6(3):245–255, August 2004. CODEN ???? ISSN 1433-2779 (print), 1433-2787 (electronic).

Dwyer:2004:SSA

- [165] Matthew Dwyer and Stefan Leue. Special section on the algorithmics of software model checking: Introductory paper. *International Journal on Software Tools for Technology Transfer (STTT)*, 6(4):257–259, August 2004. CODEN ???? ISSN 1433-2779 (print), 1433-2787 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=1433-2779&volume=6&issue=4&spage=257>.

Groce:2004:HMC

- [166] Alex Groce and Willem Visser. Heuristics for model checking Java programs. *International Journal on Software Tools for Technology Transfer (STTT)*, 6(4):260–276, August 2004. CODEN ???? ISSN 1433-2779 (print), 1433-2787 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=1433-2779&volume=6&issue=4&spage=260>.

Edelkamp:2004:POR

- [167] Stefan Edelkamp, Stefan Leue, and Alberto Lluch-Lafuente. Partial-order reduction and trail improvement in di-

rected model checking. *International Journal on Software Tools for Technology Transfer (STTT)*, 6(4):277–301, August 2004. CODEN ???? ISSN 1433-2779 (print), 1433-2787 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=1433-2779&volume=6&issue=4&spage=277>.

Iosif:2004:SRM

- [168] Radu Iosif. Symmetry reductions for model checking of concurrent dynamic software. *International Journal on Software Tools for Technology Transfer (STTT)*, 6(4):302–319, August 2004. CODEN ???? ISSN 1433-2779 (print), 1433-2787 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=1433-2779&volume=6&issue=4&spage=302>.

Penna:2004:ETL

- [169] Giuseppe Della Penna, Benedetto Intrigila, Igor Melatti, Enrico Tronci, and Marisa Venturini Zilli. Exploiting transition locality in automatic verification of finite-state concurrent systems. *International Journal on Software Tools for Technology Transfer (STTT)*, 6(4):320–341, August 2004. CODEN ???? ISSN 1433-2779 (print), 1433-2787 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=1433-2779&volume=6&issue=4&spage=320>.

Brim:2005:SSP

- [170] Luboš Brim and Orna Grumberg. Special section on parallel and distributed model checking: Introductory paper. *International Journal on Software Tools for Technology Transfer*

(*STTT*), 7(1):1–3, February 2005. CODEN ???? ISSN 1433-2779 (print), 1433-2787 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=1433-2779&volume=7&issue=1&spage=1>.

Braberman:2005:IDT

- [171] Víctor Braberman, Alfredo Olivero, and Fernando Schapachnik. Issues in distributed timed model checking: Building Zeus. *International Journal on Software Tools for Technology Transfer (STTT)*, 7(1):4–18, February 2005. CODEN ???? ISSN 1433-2779 (print), 1433-2787 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=1433-2779&volume=7&issue=1&spage=4>.

Behrmann:2005:DRA

- [172] Gerd Behrmann. Distributed reachability analysis in timed automata. *International Journal on Software Tools for Technology Transfer (STTT)*, 7(1):19–30, February 2005. CODEN ???? ISSN 1433-2779 (print), 1433-2787 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=1433-2779&volume=7&issue=1&spage=19>.

Jones:2005:PSL

- [173] Michael D. Jones and Jacob Sorber. Parallel search for LTL violations. *International Journal on Software Tools for Technology Transfer (STTT)*, 7(1):31–42, February 2005. CODEN ???? ISSN 1433-2779 (print), 1433-2787 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=1433-2779&volume=7&issue=1&spage=31>.

Bell:2005:SDM

- [174] Alexander Bell and Boudewijn R. Haverkort. Sequential and distributed model checking of Petri nets. *International Journal on Software Tools for Technology Transfer (STTT)*, 7(1):43–60, February 2005. CODEN ???? ISSN 1433-2779 (print), 1433-2787 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=1433-2779&volume=7&issue=1&spage=43>.

Brim:2005:ABD

- [175] Luboš Brim, Karen Yorav, and Jitka Žídková. Assumption-based distribution of CTL model checking. *International Journal on Software Tools for Technology Transfer (STTT)*, 7(1):61–73, February 2005. CODEN ???? ISSN 1433-2779 (print), 1433-2787 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=1433-2779&volume=7&issue=1&spage=61>.

Blom:2005:DAS

- [176] Stefan Blom and Simona Orzan. A distributed algorithm for strong bisimulation reduction of state spaces. *International Journal on Software Tools for Technology Transfer (STTT)*, 7(1):74–86, February 2005. CODEN ???? ISSN 1433-2779 (print), 1433-2787 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=1433-2779&volume=7&issue=1&spage=74>.

Biere:2005:IPH

- [177] Armin Biere and Ofer Strichman. Introductory paper: Highlights from the

- BMC'03 workshop and more. *International Journal on Software Tools for Technology Transfer (STTT)*, 7(2):87–88, April 2005. CODEN ????. ISSN 1433-2779 (print), 1433-2787 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=1433-2779&volume=7&issue=2&spage=87>.
- Jussila:2005:BFD**
- [178] Toni Jussila, Keijo Heljanko, and Ilkka Niemelä. BMC via on-the-fly determinization. *International Journal on Software Tools for Technology Transfer (STTT)*, 7(2):89–101, April 2005. CODEN ????. ISSN 1433-2779 (print), 1433-2787 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=1433-2779&volume=7&issue=2&spage=89>.
- Cabodi:2005:BBF**
- [179] Gianpiero Cabodi, Alex Kondratyev, Luciano Lavagno, Sergio Nocco, Stefano Quer, and Yosinori Watanabe. A BMC-based formulation for the scheduling problem of hardware systems. *International Journal on Software Tools for Technology Transfer (STTT)*, 7(2):102–117, April 2005. CODEN ????. ISSN 1433-2779 (print), 1433-2787 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=1433-2779&volume=7&issue=2&spage=102>.
- Alur:2005:SCT**
- [180] Rajeev Alur, P. Madhusudan, and Wonhong Nam. Symbolic computational techniques for solving games. *International Journal on Software Tools for Technology Transfer (STTT)*, 7(2):118–128, April 2005. CODEN ????. ISSN 1433-2779 (print), 1433-2787 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=1433-2779&volume=7&issue=2&spage=118>.
- Cabodi:2005:BSA**
- [181] Gianpiero Cabodi, Sergio Nocco, and Stefano Quer. Are BDDs still alive within sequential verification? *International Journal on Software Tools for Technology Transfer (STTT)*, 7(2):129–142, April 2005. CODEN ????. ISSN 1433-2779 (print), 1433-2787 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=1433-2779&volume=7&issue=2&spage=129>.
- Li:2005:ARS**
- [182] Bing Li, Chao Wang, and Fabio Somenzi. Abstraction refinement in symbolic model checking using satisfiability as the only decision procedure. *International Journal on Software Tools for Technology Transfer (STTT)*, 7(2):143–155, April 2005. CODEN ????. ISSN 1433-2779 (print), 1433-2787 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=1433-2779&volume=7&issue=2&spage=143>.
- Prasad:2005:SRA**
- [183] Mukul R. Prasad, Armin Biere, and Aarti Gupta. A survey of recent advances in SAT-based formal verification. *International Journal on Software Tools for Technology Transfer (STTT)*, 7(2):156–173, April 2005. CODEN ????. ISSN 1433-2779 (print), 1433-2787 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=1433-2779&volume=7&issue=2&spage=156>.

[//www.springerlink.com/openurl.
asp?genre=article&issn=1433-2779&
volume=7&issue=2&spage=156.](http://www.springerlink.com/openurl.asp?genre=article&issn=1433-2779&volume=7&issue=2&spage=156)

Clarke:2005:CCB

- [184] Edmund Clarke, Daniel Kroening, Joël Ouaknine, and Ofer Strichman. Computational challenges in bounded model checking. *International Journal on Software Tools for Technology Transfer (STTT)*, 7(2):174–183, April 2005. CODEN ???? ISSN 1433-2779 (print), 1433-2787 (electronic). URL [http://www.springerlink.com/openurl.
asp?genre=article&issn=1433-2779&
volume=7&issue=2&spage=174.](http://www.springerlink.com/openurl.asp?genre=article&issn=1433-2779&volume=7&issue=2&spage=174)

Leucker:2005:FPL

- [185] Martin Leucker, Thomas Noll, Perdita Stevens, and Michael Weber. Functional programming languages for verification tools: a comparison of Standard ML and Haskell. *International Journal on Software Tools for Technology Transfer (STTT)*, 7(2):184–194, April 2005. CODEN ???? ISSN 1433-2779 (print), 1433-2787 (electronic). URL [http://www.springerlink.com/openurl.
asp?genre=article&issn=1433-2779&
volume=7&issue=2&spage=184.](http://www.springerlink.com/openurl.asp?genre=article&issn=1433-2779&volume=7&issue=2&spage=184)

Arts:2005:SSF

- [186] Thomas Arts and Jaco van de Pol. Special section on formal methods for industrial critical systems: Introductory paper. *International Journal on Software Tools for Technology Transfer (STTT)*, 7(3):195–196, June 2005. CODEN ???? ISSN 1433-2779 (print), 1433-2787 (electronic). URL [http://www.springerlink.com/openurl.
asp?genre=article&issn=1433-2779&
volume=7&issue=3&spage=195.](http://www.springerlink.com/openurl.asp?genre=article&issn=1433-2779&volume=7&issue=3&spage=195)

Bubel:2005:IIF

- [187] Richard Bubel and Reiner Hähnle. Integration of informal and formal development of object-oriented safety-critical software. *International Journal on Software Tools for Technology Transfer (STTT)*, 7(3):197–211, June 2005. CODEN ???? ISSN 1433-2779 (print), 1433-2787 (electronic). URL [http://www.springerlink.com/openurl.
asp?genre=article&issn=1433-2779&
volume=7&issue=3&spage=197.](http://www.springerlink.com/openurl.asp?genre=article&issn=1433-2779&volume=7&issue=3&spage=197)

Burdy:2005:OJT

- [188] Lilian Burdy, Yoonsik Cheon, David R. Cok, Michael D. Ernst, Joseph R. Kiniry, Gary T. Leavens, K. Rustan M. Leino, and Erik Poll. An overview of JML tools and applications. *International Journal on Software Tools for Technology Transfer (STTT)*, 7(3):212–232, June 2005. CODEN ???? ISSN 1433-2779 (print), 1433-2787 (electronic). URL [http://www.springerlink.com/openurl.
asp?genre=article&issn=1433-2779&
volume=7&issue=3&spage=212.](http://www.springerlink.com/openurl.asp?genre=article&issn=1433-2779&volume=7&issue=3&spage=212)

Brucker:2005:VAA

- [189] Achim D. Brucker and Burkhart Wolff. A verification approach to applied system security. *International Journal on Software Tools for Technology Transfer (STTT)*, 7(3):233–247, June 2005. CODEN ???? ISSN 1433-2779 (print), 1433-2787 (electronic). URL [http://www.springerlink.com/openurl.
asp?genre=article&issn=1433-2779&
volume=7&issue=3&spage=233.](http://www.springerlink.com/openurl.asp?genre=article&issn=1433-2779&volume=7&issue=3&spage=233)

Butterfield:2005:PHC

- [190] Andrew Butterfield and Jim Woodcock. *prialt* in Handel-C: an operational

semantics. *International Journal on Software Tools for Technology Transfer (STTT)*, 7(3):248–267, June 2005. CODEN ????? ISSN 1433-2779 (print), 1433-2787 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=1433-2779&volume=7&issue=3&spage=248>.

Hammarberg:2005:FVF

- [191] Jerker Hammarberg and Simin Nadjm-Tehrani. Formal verification of fault tolerance in safety-critical reconfigurable modules. *International Journal on Software Tools for Technology Transfer (STTT)*, 7(3):268–279, June 2005. CODEN ????? ISSN 1433-2779 (print), 1433-2787 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=1433-2779&volume=7&issue=3&spage=268>.

Blom:2005:DSS

- [192] Stefan Blom and Simona Orzan. Distributed state space minimization. *International Journal on Software Tools for Technology Transfer (STTT)*, 7(3):280–291, June 2005. CODEN ????? ISSN 1433-2779 (print), 1433-2787 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=1433-2779&volume=7&issue=3&spage=280>.

Margaria:2005:IP

- [193] Tiziana Margaria. Introductory paper. *International Journal on Software Tools for Technology Transfer (STTT)*, 7(4):293–296, August 2005. CODEN ????? ISSN 1433-2779 (print), 1433-2787 (electronic). URL <http://www.springerlink.com/openurl>.

[asp?genre=article&issn=1433-2779&volume=7&issue=4&spage=293](http://www.springerlink.com/openurl.asp?genre=article&issn=1433-2779&volume=7&issue=4&spage=293).

Jard:2005:TTP

- [194] Claude Jard and Thierry Jéron. TGV: theory, principles and algorithms. *International Journal on Software Tools for Technology Transfer (STTT)*, 7(4):297–315, August 2005. CODEN ????? ISSN 1433-2779 (print), 1433-2787 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=1433-2779&volume=7&issue=4&spage=297>.

Viho:2005:TDS

- [195] César Viho. Test distribution: a solution for complex network system testing. *International Journal on Software Tools for Technology Transfer (STTT)*, 7(4):316–325, August 2005. CODEN ????? ISSN 1433-2779 (print), 1433-2787 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=1433-2779&volume=7&issue=4&spage=316>.

Baldini:2005:SLF

- [196] Andrea Baldini, Alfredo Benso, and Paolo Prinetto. System-level functional testing from UML specifications in end-of-production industrial environments. *International Journal on Software Tools for Technology Transfer (STTT)*, 7(4):326–340, August 2005. CODEN ????? ISSN 1433-2779 (print), 1433-2787 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=1433-2779&volume=7&issue=4&spage=326>.

Bunker:2005:LSC

- [197] Annette Bunker, Ganesh Gopalakrishnan, and Konrad Slind. Live sequence charts applied to hardware requirements specification and verification. *International Journal on Software Tools for Technology Transfer (STTT)*, 7(4):341–350, August 2005. CODEN ???? ISSN 1433-2779 (print), 1433-2787 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=1433-2779&volume=7&issue=4&spage=341>.

Schieferdecker:2005:DFL

- [198] Ina Schieferdecker, George Din, and Dimitrios Apostolidis. Distributed functional and load tests for Web services. *International Journal on Software Tools for Technology Transfer (STTT)*, 7(4):351–360, August 2005. CODEN ???? ISSN 1433-2779 (print), 1433-2787 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=1433-2779&volume=7&issue=4&spage=351>.

Turner:2005:TGR

- [199] Kenneth J. Turner. Test generation for radiotherapy accelerators. *International Journal on Software Tools for Technology Transfer (STTT)*, 7(4):361–375, August 2005. CODEN ???? ISSN 1433-2779 (print), 1433-2787 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=1433-2779&volume=7&issue=4&spage=361>.

Kellerer:2005:PQA

- [200] Bartholomäus Kellerer and Manfred Reitspiess. Practical quality assurance for standards-based, high-availability

middleware. *International Journal on Software Tools for Technology Transfer (STTT)*, 7(4):376–387, August 2005. CODEN ???? ISSN 1433-2779 (print), 1433-2787 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=1433-2779&volume=7&issue=4&spage=376>.

Garavel:2006:WYS

- [201] Hubert Garavel and John Hatcliff. Why you should definitely read this special section. *International Journal on Software Tools for Technology Transfer (STTT)*, 8(1):1–3, February 2006. CODEN ???? ISSN 1433-2779 (print), 1433-2787 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=1433-2779&volume=8&issue=1&spage=1>.

Ciardo:2006:SAS

- [202] Gianfranco Ciardo, Robert Marmorstein, and Radu Siminiceanu. The saturation algorithm for symbolic state-space exploration. *International Journal on Software Tools for Technology Transfer (STTT)*, 8(1):4–25, February 2006. CODEN ???? ISSN 1433-2779 (print), 1433-2787 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=1433-2779&volume=8&issue=1&spage=4>.

Bartzis:2006:EBB

- [203] Constantinos Bartzis and Tevfik Bultan. Efficient BDDs for bounded arithmetic constraints. *International Journal on Software Tools for Technology Transfer (STTT)*, 8(1):26–36, February 2006. CODEN ???? ISSN 1433-2779 (print), 1433-2787 (electronic). URL <http://www.springerlink.com/openurl>.

asp?genre=article&issn=1433-2779&volume=8&issue=1&spage=26.

Mateescu:2006:CGL

- [204] Radu Mateescu. CAESAR.SOLVE: a generic library for on-the-fly resolution of alternation-free Boolean equation systems. *International Journal on Software Tools for Technology Transfer (STTT)*, 8(1):37–56, February 2006. CODEN ????? ISSN 1433-2779 (print), 1433-2787 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=1433-2779&volume=8&issue=1&spage=37>.

Bozga:2006:PBA

- [205] L. Bozga, Y. Lakhnech, and M. Périn. Pattern-based abstraction for verifying secrecy in protocols. *International Journal on Software Tools for Technology Transfer (STTT)*, 8(1):57–76, February 2006. CODEN ????? ISSN 1433-2779 (print), 1433-2787 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=1433-2779&volume=8&issue=1&spage=57>.

Groote:2006:IVL

- [206] Jan Friso Groote and Frank van Ham. Interactive visualization of large state spaces. *International Journal on Software Tools for Technology Transfer (STTT)*, 8(1):77–91, February 2006. CODEN ????? ISSN 1433-2779 (print), 1433-2787 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=1433-2779&volume=8&issue=1&spage=77>.

Graf:2006:PSV

- [207] Susanne Graf, Øystein Haugen, Ileana Ober, and Bran Selic. Preface

of “Specification and Validation of Real Time and Embedded systems in UML”. *International Journal on Software Tools for Technology Transfer (STTT)*, 8(2):93–96, April 2006. CODEN ????? ISSN 1433-2779 (print), 1433-2787 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=1433-2779&volume=8&issue=2&spage=93>.

Hooman:2006:SCR

- [208] Jozef Hooman and Mark B. van der Zwaag. A semantics of communicating reactive objects with timing. *International Journal on Software Tools for Technology Transfer (STTT)*, 8(2):97–112, April 2006. CODEN ????? ISSN 1433-2779 (print), 1433-2787 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=1433-2779&volume=8&issue=2&spage=97>.

Graf:2006:RTP

- [209] Susanne Graf, Ileana Ober, and Iulian Ober. A real-time profile for UML. *International Journal on Software Tools for Technology Transfer (STTT)*, 8(2):113–127, April 2006. CODEN ????? ISSN 1433-2779 (print), 1433-2787 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=1433-2779&volume=8&issue=2&spage=113>.

Ober:2006:VTU

- [210] Iulian Ober, Susanne Graf, and Ileana Ober. Validating timed UML models by simulation and verification. *International Journal on Software Tools for Technology Transfer (STTT)*, 8(2):128–145, April 2006. CODEN

???? ISSN 1433-2779 (print), 1433-2787 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=1433-2779&volume=8&issue=2&spage=128>.

deSimone:2006:TSR

- [211] Robert de Simone and Charles André. Towards a “synchronous reactive” UML profile? *International Journal on Software Tools for Technology Transfer (STTT)*, 8(2):146–155, April 2006. CODEN ???? ISSN 1433-2779 (print), 1433-2787 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=1433-2779&volume=8&issue=2&spage=146>.

Kuster-Filipe:2006:TEO

- [212] Juliana Küster-Filipe and Stuart Anderson. On a time enriched OCL liveness template. *International Journal on Software Tools for Technology Transfer (STTT)*, 8(2):156–166, April 2006. CODEN ???? ISSN 1433-2779 (print), 1433-2787 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=1433-2779&volume=8&issue=2&spage=156>.

Berkenkotter:2006:HPU

- [213] Kirsten Berkenkötter, Stefan Bisanz, Ulrich Hannemann, and Jan Peleska. The HybridUML profile for UML 2.0. *International Journal on Software Tools for Technology Transfer (STTT)*, 8(2):167–176, April 2006. CODEN ???? ISSN 1433-2779 (print), 1433-2787 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=1433-2779&volume=8&issue=2&spage=167>.

Jensen:2006:TAC

- [214] Kurt Jensen and Andreas Podelski. Tools and algorithms for the construction and analysis of systems. *International Journal on Software Tools for Technology Transfer (STTT)*, 8(3):177–179, June 2006. CODEN ???? ISSN 1433-2779 (print), 1433-2787 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=1433-2779&volume=8&issue=3&spage=177>.

Valmari:2006:WSR

- [215] Antti Valmari. What the small Rubik’s cube taught me about data structures, information theory, and randomisation. *International Journal on Software Tools for Technology Transfer (STTT)*, 8(3):180–194, June 2006. CODEN ???? ISSN 1433-2779 (print), 1433-2787 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=1433-2779&volume=8&issue=3&spage=180>.

Schmidt:2006:AGP

- [216] Karsten Schmidt. Automated generation of a progress measure for the sweep-line method. *International Journal on Software Tools for Technology Transfer (STTT)*, 8(3):195–203, June 2006. CODEN ???? ISSN 1433-2779 (print), 1433-2787 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=1433-2779&volume=8&issue=3&spage=195>.

Behrmann:2006:LUB

- [217] Gerd Behrmann, Patricia Bouyer, Kim G. Larsen, and Radek Pelánek. Lower and upper bounds in zone-based

abstractions of timed automata. *International Journal on Software Tools for Technology Transfer (STTT)*, 8(3):204–215, June 2006. CODEN ???? ISSN 1433-2779 (print), 1433-2787 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=1433-2779&volume=8&issue=3&spage=204>.

Younes:2006:NVS

- [218] Håkan L. S. Younes, Marta Kwiatkowska, Gethin Norman, and David Parker. Numerical vs. statistical probabilistic model checking. *International Journal on Software Tools for Technology Transfer (STTT)*, 8(3):216–228, June 2006. CODEN ???? ISSN 1433-2779 (print), 1433-2787 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=1433-2779&volume=8&issue=3&spage=216>.

Groce:2006:EED

- [219] Alex Groce, Sagar Chaki, Daniel Kroening, and Ofer Strichman. Error explanation with distance metrics. *International Journal on Software Tools for Technology Transfer (STTT)*, 8(3):229–247, June 2006. CODEN ???? ISSN 1433-2779 (print), 1433-2787 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=1433-2779&volume=8&issue=3&spage=229>.

Sen:2006:OEP

- [220] Koushik Sen, Grigore Rosu, and Gul Agha. Online efficient predictive safety analysis of multithreaded programs. *International Journal on Software Tools for Technology Transfer (STTT)*, 8(3):248–260, June 2006. CODEN ???? ISSN 1433-2779 (print),

1433-2787 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=1433-2779&volume=8&issue=3&spage=248>.

Fang:2006:LIR

- [221] Yi Fang, Nir Piterman, Amir Pnueli, and Lenore Zuck. Liveness with invisible ranking. *International Journal on Software Tools for Technology Transfer (STTT)*, 8(3):261–279, June 2006. CODEN ???? ISSN 1433-2779 (print), 1433-2787 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=1433-2779&volume=8&issue=3&spage=261>.

Robby:2006:CJS

- [222] Robby, Edwin Rodríguez, Matthew B. Dwyer, and John Hatcliff. Checking JML specifications using an extensible software model checking framework. *International Journal on Software Tools for Technology Transfer (STTT)*, 8(3):280–299, June 2006. CODEN ???? ISSN 1433-2779 (print), 1433-2787 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=1433-2779&volume=8&issue=3&spage=280>.

Fitzgerald:2006:IFM

- [223] John S. Fitzgerald, Stefania Gnesi, and Dino Mandrioli. The industrialization of formal methods. *International Journal on Software Tools for Technology Transfer (STTT)*, 8(4–5):301–302, August 2006. CODEN ???? ISSN 1433-2779 (print), 1433-2787 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=1433-2779&volume=8&issue=4&spage=301>.

Miller:2006:PS

- [224] Steven P. Miller, Alan C. Tribble, Michael W. Whalen, and Mats P. E. Heimdahl. Proving the shalls. *International Journal on Software Tools for Technology Transfer (STTT)*, 8(4-5):303–319, August 2006. CODEN ???? ISSN 1433-2779 (print), 1433-2787 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=1433-2779&volume=8&issue=4&spage=303>.

Fidge:2006:FCI

- [225] C. J. Fidge. Formal change impact analyses for emulated control software. *International Journal on Software Tools for Technology Transfer (STTT)*, 8(4-5):321–335, August 2006. CODEN ???? ISSN 1433-2779 (print), 1433-2787 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=1433-2779&volume=8&issue=4&spage=321>.

Wassyng:2006:STS

- [226] Alan Wassyng and Mark Lawford. Software tools for safety-critical software development. *International Journal on Software Tools for Technology Transfer (STTT)*, 8(4-5):337–354, August 2006. CODEN ???? ISSN 1433-2779 (print), 1433-2787 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=1433-2779&volume=8&issue=4&spage=337>.

Tronci:2006:IP

- [227] Enrico Tronci. Introductory paper. *International Journal on Software Tools for Technology Transfer (STTT)*, 8(4-5):355–358, August 2006. CODEN ???? ISSN 1433-2779 (print),

1433-2787 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=1433-2779&volume=8&issue=4&spage=355>.

Moore:2006:IAO

- [228] J. Strother Moore. Inductive assertions and operational semantics. *International Journal on Software Tools for Technology Transfer (STTT)*, 8(4-5):359–371, August 2006. CODEN ???? ISSN 1433-2779 (print), 1433-2787 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=1433-2779&volume=8&issue=4&spage=359>.

Chockler:2006:CMF

- [229] Hana Chockler, Orna Kupferman, and Moshe Vardi. Coverage metrics for formal verification. *International Journal on Software Tools for Technology Transfer (STTT)*, 8(4-5):373–386, August 2006. CODEN ???? ISSN 1433-2779 (print), 1433-2787 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=1433-2779&volume=8&issue=4&spage=373>.

Ganai:2006:EDS

- [230] Malay K. Ganai, Aarti Gupta, Zijiang Yang, and Pranav Ashar. Efficient distributed SAT and SAT-based distributed bounded model checking. *International Journal on Software Tools for Technology Transfer (STTT)*, 8(4-5):387–396, August 2006. CODEN ???? ISSN 1433-2779 (print), 1433-2787 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=1433-2779&volume=8&issue=4&spage=387>.

Penna:2006:FHA

- [231] Giuseppe Della Penna, Benedetto Intrigila, Igor Melatti, Enrico Tronci, and Marisa Venturini Zilli. Finite horizon analysis of Markov chains with the Mur ϕ verifier. *International Journal on Software Tools for Technology Transfer (STTT)*, 8(4-5):397-409, August 2006. CODEN ???? ISSN 1433-2779 (print), 1433-2787 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=1433-2779&volume=8&issue=4&spage=397>.

Beyer:2006:PIA

- [232] Sven Beyer, Christian Jacobi, Daniel Kröning, Dirk Leinenbach, and Wolfgang J. Paul. Putting it all together — formal verification of the VAMP. *International Journal on Software Tools for Technology Transfer (STTT)*, 8(4-5):411-430, August 2006. CODEN ???? ISSN 1433-2779 (print), 1433-2787 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=1433-2779&volume=8&issue=4&spage=411>.

Margarita:2006:SSL

- [233] Tiziana Margaria and Bernhard Steffen. Special section on “leveraging formal methods”. *International Journal on Software Tools for Technology Transfer (STTT)*, 8(6):467-469, November 2006. CODEN ???? ISSN 1433-2779 (print), 1433-2787 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=1433-2779&volume=8&issue=6&spage=467>.

Carcenac:2006:FFV

- [234] François Carcenac and Frederic Boniol. A formal framework for verifying dis-

tributed embedded systems based on abstraction methods. *International Journal on Software Tools for Technology Transfer (STTT)*, 8(6):471-484, November 2006. CODEN ???? ISSN 1433-2779 (print), 1433-2787 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=1433-2779&volume=8&issue=6&spage=471>.

Andersen:2006:CSC

- [235] Jesper Andersen, Ebbe Elsborg, Fritz Henglein, Jakob Grue Simonsen, and Christian Stefansen. Compositional specification of commercial contracts. *International Journal on Software Tools for Technology Transfer (STTT)*, 8(6):485-516, November 2006. CODEN ???? ISSN 1433-2779 (print), 1433-2787 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=1433-2779&volume=8&issue=6&spage=485>.

Jahier:2006:CSL

- [236] Erwan Jahier, Pascal Raymond, and Philippe Baufreton. Case studies with Lurette V2. *International Journal on Software Tools for Technology Transfer (STTT)*, 8(6):517-530, November 2006. CODEN ???? ISSN 1433-2779 (print), 1433-2787 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=1433-2779&volume=8&issue=6&spage=517>.

Jorgensen:2006:TSE

- [237] Jens Bæk Jørgensen, Søren Christensen, Antti-Pekka Tuovinen, and Jianli Xu. Tool support for estimating the memory usage of mobile phone software. *International Journal on Software Tools*

for *Technology Transfer (STTT)*, 8 (6):531–545, November 2006. CODEN ????. ISSN 1433-2779 (print), 1433-2787 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=1433-2779&volume=8&issue=6&spage=531>.

Ait-Ameur:2006:FEV

- [238] Yamine Ait-Ameur and Mickael Baron. Formal and experimental validation approaches in HCI systems design based on a shared event B model. *International Journal on Software Tools for Technology Transfer (STTT)*, 8 (6):547–563, November 2006. CODEN ????. ISSN 1433-2779 (print), 1433-2787 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=1433-2779&volume=8&issue=6&spage=547>.

Alpuente:2006:RBV

- [239] M. Alpuente, D. Ballis, and M. Falaschi. Rule-based verification of Web sites. *International Journal on Software Tools for Technology Transfer (STTT)*, 8 (6):565–585, November 2006. CODEN ????. ISSN 1433-2779 (print), 1433-2787 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=1433-2779&volume=8&issue=6&spage=565>.

Rouff:2006:EAF

- [240] Christopher A. Rouff, Michael G. Hinchey, Walter F. Truskowski, and James L. Rash. Experiences applying formal approaches in the development of swarm-based space exploration systems. *International Journal on Software Tools for Technology Transfer (STTT)*, 8(6):587–603, November 2006. CO-

DEN ????. ISSN 1433-2779 (print), 1433-2787 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=1433-2779&volume=8&issue=6&spage=587>.

Buchholz:2006:GEI

- [241] Peter Buchholz, Joost-Pieter Katoen, and Marcel Verhoef. Guest Editors' introduction: quantitative analysis of real-time embedded systems. *International Journal on Software Tools for Technology Transfer (STTT)*, 8 (6):605–606, November 2006. CODEN ????. ISSN 1433-2779 (print), 1433-2787 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=1433-2779&volume=8&issue=6&spage=605>.

Ploennigs:2006:AMG

- [242] Joern Ploennigs, Mario Neugebauer, and Klaus Kabitzsch. Automated model generation for performance engineering of building automation networks. *International Journal on Software Tools for Technology Transfer (STTT)*, 8 (6):607–620, November 2006. CODEN ????. ISSN 1433-2779 (print), 1433-2787 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=1433-2779&volume=8&issue=6&spage=607>.

DSouza:2007:EMP

- [243] Deepak D'Souza and Pavithra Prabhakar. On the expressiveness of MTL in the pointwise and continuous semantics. *International Journal on Software Tools for Technology Transfer (STTT)*, 9(1):1–4, February 2007. CODEN ????. ISSN 1433-2779 (print), 1433-2787 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=1433-2779&volume=9&issue=1&spage=1>.

[//www.springerlink.com/openurl.
asp?genre=article&issn=1433-2779&
volume=9&issue=1&spage=1.](http://www.springerlink.com/openurl.asp?genre=article&issn=1433-2779&volume=9&issue=1&spage=1)

Bozzano:2007:FNS

- [244] Marco Bozzano and Adolfo Villaforita. The FSAP/NuSMV-SA safety analysis platform. *International Journal on Software Tools for Technology Transfer (STTT)*, 9(1):5–24, February 2007. CODEN ???? ISSN 1433-2779 (print), 1433-2787 (electronic). URL [http://www.springerlink.com/openurl.
asp?genre=article&issn=1433-2779&
volume=9&issue=1&spage=5.](http://www.springerlink.com/openurl.asp?genre=article&issn=1433-2779&volume=9&issue=1&spage=5)

Huth:2007:SCT

- [245] Michael Huth. Some current topics in model checking. *International Journal on Software Tools for Technology Transfer (STTT)*, 9(1):25–36, February 2007. CODEN ???? ISSN 1433-2779 (print), 1433-2787 (electronic). URL [http://www.springerlink.com/openurl.
asp?genre=article&issn=1433-2779&
volume=9&issue=1&spage=25.](http://www.springerlink.com/openurl.asp?genre=article&issn=1433-2779&volume=9&issue=1&spage=25)

Dimovski:2007:CSV

- [246] Aleksandar Dimovski and Ranko Lazić. Compositional software verification based on game semantics and process algebra. *International Journal on Software Tools for Technology Transfer (STTT)*, 9(1):37–51, February 2007. CODEN ???? ISSN 1433-2779 (print), 1433-2787 (electronic). URL [http://www.springerlink.com/openurl.
asp?genre=article&issn=1433-2779&
volume=9&issue=1&spage=37.](http://www.springerlink.com/openurl.asp?genre=article&issn=1433-2779&volume=9&issue=1&spage=37)

Guelev:2007:MCP

- [247] Dimitar P. Guelev, Mark D. Ryan, and Pierre Yves Schobbens. Model-

checking the preservation of temporal properties upon feature integration. *International Journal on Software Tools for Technology Transfer (STTT)*, 9(1):53–62, February 2007. CODEN ???? ISSN 1433-2779 (print), 1433-2787 (electronic). URL [http://www.springerlink.com/openurl.
asp?genre=article&issn=1433-2779&
volume=9&issue=1&spage=53.](http://www.springerlink.com/openurl.asp?genre=article&issn=1433-2779&volume=9&issue=1&spage=53)

Siminiceanu:2007:FVN

- [248] Radu I. Siminiceanu and Gianfranco Ciardo. Formal verification of the NASA runway safety monitor. *International Journal on Software Tools for Technology Transfer (STTT)*, 9(1):63–76, February 2007. CODEN ???? ISSN 1433-2779 (print), 1433-2787 (electronic). URL [http://www.springerlink.com/openurl.
asp?genre=article&issn=1433-2779&
volume=9&issue=1&spage=63.](http://www.springerlink.com/openurl.asp?genre=article&issn=1433-2779&volume=9&issue=1&spage=63)

Braunstein:2007:CPT

- [249] Cécile Braunstein and Emmanuelle Erencaz. CTL-property transformations along an incremental design process. *International Journal on Software Tools for Technology Transfer (STTT)*, 9(1):77–88, February 2007. CODEN ???? ISSN 1433-2779 (print), 1433-2787 (electronic). URL [http://www.springerlink.com/openurl.
asp?genre=article&issn=1433-2779&
volume=9&issue=1&spage=77.](http://www.springerlink.com/openurl.asp?genre=article&issn=1433-2779&volume=9&issue=1&spage=77)

Vasudevan:2007:IVH

- [250] Shobha Vasudevan, E. Allen Emerson, and Jacob A. Abraham. Improved verification of hardware designs through antecedent conditioned slicing. *International Journal on Soft-*

ware Tools for Technology Transfer (*STTT*), 9(1):89–101, February 2007. CODEN ???? ISSN 1433-2779 (print), 1433-2787 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=1433-2779&volume=9&issue=1&spage=89>.

Gasevic:2007:MBA

- [251] Dragan Gašević, Dragan Djurić, and Vladan Devedžić. MDA-based automatic OWL ontology development. *International Journal on Software Tools for Technology Transfer (STTT)*, 9(2):103–117, March 2007. CODEN ???? ISSN 1433-2779 (print), 1433-2787 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=1433-2779&volume=9&issue=2&spage=103>.

Grumberg:2007:VFT

- [252] Orna Grumberg and Shmuel Katz. VeriTech: a framework for translating among model description notations. *International Journal on Software Tools for Technology Transfer (STTT)*, 9(2):119–132, March 2007. CODEN ???? ISSN 1433-2779 (print), 1433-2787 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=1433-2779&volume=9&issue=2&spage=119>.

Pezze:2007:ISS

- [253] Mauro Pezzè. Introduction to the special section on FASE 2003. *International Journal on Software Tools for Technology Transfer (STTT)*, 9(2):133–134, March 2007. CODEN ???? ISSN 1433-2779 (print), 1433-2787 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=>

[1433-2779&volume=9&issue=2&spage=133](http://www.springerlink.com/openurl.asp?genre=article&issn=1433-2779&volume=9&issue=2&spage=133).

Vanderperren:2007:AOC

- [254] Wim Vanderperren, Davy Suvée, Bruno De Fraine, and Viviane Jonckers. Aspect-oriented component composition in PacoSuite through invasive composition adapters. *International Journal on Software Tools for Technology Transfer (STTT)*, 9(2):135–154, March 2007. CODEN ???? ISSN 1433-2779 (print), 1433-2787 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=1433-2779&volume=9&issue=2&spage=135>.

Sora:2007:CCC

- [255] Ioana Sora, Pierre Verbaeten, and Yolande Berbers. CCDL: the Composable Components Description Language. *International Journal on Software Tools for Technology Transfer (STTT)*, 9(2):155–168, March 2007. CODEN ???? ISSN 1433-2779 (print), 1433-2787 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=1433-2779&volume=9&issue=2&spage=155>.

Pahl:2007:OSC

- [256] Claus Pahl. An ontology for software component matching. *International Journal on Software Tools for Technology Transfer (STTT)*, 9(2):169–178, March 2007. CODEN ???? ISSN 1433-2779 (print), 1433-2787 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=1433-2779&volume=9&issue=2&spage=169>.

delBianco:2007:TUB

- [257] Vieri del Bianco, Luigi Lavazza, Marco Mauri, and Giuseppe Occorso. Towards UML-based formal specifications of component-based real-time software. *International Journal on Software Tools for Technology Transfer (STTT)*, 9(2):179–192, March 2007. CODEN ???? ISSN 1433-2779 (print), 1433-2787 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=1433-2779&volume=9&issue=2&spage=179>.

Heckel:2007:MDD

- [258] Reiko Heckel and Marc Lohmann. Model-driven development of reactive information systems: from graph transformation rules to JML contracts. *International Journal on Software Tools for Technology Transfer (STTT)*, 9(2):193–207, March 2007. CODEN ???? ISSN 1433-2779 (print), 1433-2787 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=1433-2779&volume=9&issue=2&spage=193>.

Jensen:2007:SSC

- [259] Kurt Jensen. Special section on coloured Petri nets. *International Journal on Software Tools for Technology Transfer (STTT)*, 9(3–4):209–212, June 2007. CODEN ???? ISSN 1433-2779 (print), 1433-2787 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=1433-2779&volume=9&issue=3&spage=209>.

Jensen:2007:CPN

- [260] Kurt Jensen, Lars Michael Kristensen, and Lisa Wells. Coloured Petri nets and

CPN tools for modelling and validation of concurrent systems. *International Journal on Software Tools for Technology Transfer (STTT)*, 9(3–4):213–254, June 2007. CODEN ???? ISSN 1433-2779 (print), 1433-2787 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=1433-2779&volume=9&issue=3&spage=213>.

Mitchell:2007:FSS

- [261] Brice Mitchell, Lars Michael Kristensen, and Lin Zhang. Formal specification and state space analysis of an operational planning process. *International Journal on Software Tools for Technology Transfer (STTT)*, 9(3–4):255–267, June 2007. CODEN ???? ISSN 1433-2779 (print), 1433-2787 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=1433-2779&volume=9&issue=3&spage=255>.

Billington:2007:MAF

- [262] Jonathan Billington and Bing Han. Modelling and analysing the functional behaviour of TCP’s connection management procedures. *International Journal on Software Tools for Technology Transfer (STTT)*, 9(3–4):269–304, June 2007. CODEN ???? ISSN 1433-2779 (print), 1433-2787 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=1433-2779&volume=9&issue=3&spage=269>.

Liu:2007:VCE

- [263] Lin Liu and Jonathan Billington. Verification of the Capability Exchange Signalling protocol. *International Journal on Software Tools for Technology Transfer (STTT)*, 9(3–4):305–326, June 2007.

CODEN ???? ISSN 1433-2779 (print), 1433-2787 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=1433-2779&volume=9&issue=3&spage=305>.

Pesic:2007:MWD

- [264] Maja Pesic and Wil M. P. van der Aalst. Modelling work distribution mechanisms using colored Petri nets. *International Journal on Software Tools for Technology Transfer (STTT)*, 9(3-4):327-352, June 2007. CODEN ???? ISSN 1433-2779 (print), 1433-2787 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=1433-2779&volume=9&issue=3&spage=327>.

Machado:2007:RVE

- [265] Ricardo J. Machado, Kristian Bisgaard Lassen, Sérgio Oliveira, Marco Couto, and Patrícia Pinto. Requirements validation: Execution of UML models with CPN tools. *International Journal on Software Tools for Technology Transfer (STTT)*, 9(3-4):353-369, June 2007. CODEN ???? ISSN 1433-2779 (print), 1433-2787 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=1433-2779&volume=9&issue=3&spage=353>.

Gallasch:2007:CSP

- [266] Guy Edward Gallasch, Jonathan Billington, Somsak Vanit-Anunchai, and Lars Michael Kristensen. Checking safety properties on-the-fly with the sweep-line method. *International Journal on Software Tools for Technology Transfer (STTT)*, 9(3-4):371-391, June 2007. CODEN ???? ISSN 1433-2779 (print), 1433-2787 (electronic).

URL <http://www.springerlink.com/openurl.asp?genre=article&issn=1433-2779&volume=9&issue=3&spage=371>.

Lakos:2007:MSS

- [267] C. Lakos and L. Petrucci. Modular state space exploration for timed Petri nets. *International Journal on Software Tools for Technology Transfer (STTT)*, 9(3-4):393-411, June 2007. CODEN ???? ISSN 1433-2779 (print), 1433-2787 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=1433-2779&volume=9&issue=3&spage=393>.

Bagnara:2007:WOP

- [268] Roberto Bagnara, Patricia M. Hill, and Enea Zaffanella. Widening operators for powerset domains. *International Journal on Software Tools for Technology Transfer (STTT)*, 9(3-4):413-414, June 2007. CODEN ???? ISSN 1433-2779 (print), 1433-2787 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=1433-2779&volume=9&issue=3&spage=413>.

Wermelinger:2007:ISS

- [269] Michel Wermelinger, Tiziana Margaria, and Maura Cerioli. Introduction to the special section on fundamental approaches to software engineering. *International Journal on Software Tools for Technology Transfer (STTT)*, 9(5-6):415-416, October 2007. CODEN ???? ISSN 1433-2779 (print), 1433-2787 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=1433-2779&volume=9&issue=5&spage=415>.

Jung:2007:CFC

- [270] Georg Jung and John Hatcliff. A correlation framework for the CORBA component model. *International Journal on Software Tools for Technology Transfer (STTT)*, 9(5–6):417–427, October 2007. CODEN ???? ISSN 1433-2779 (print), 1433-2787 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=1433-2779&volume=9&issue=5&spage=417>.

Chechik:2007:FCG

- [271] Marsha Chechik and Arie Gurfinkel. A framework for counterexample generation and exploration. *International Journal on Software Tools for Technology Transfer (STTT)*, 9(5–6):429–445, October 2007. CODEN ???? ISSN 1433-2779 (print), 1433-2787 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=1433-2779&volume=9&issue=5&spage=429>.

Hamon:2007:OSS

- [272] Grégoire Hamon and John Rushby. An operational semantics for Stateflow. *International Journal on Software Tools for Technology Transfer (STTT)*, 9(5–6):447–456, October 2007. CODEN ???? ISSN 1433-2779 (print), 1433-2787 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=1433-2779&volume=9&issue=5&spage=447>.

Breu:2007:MBD

- [273] Ruth Breu, Gerhard Popp, and Muhammad Alam. Model based development of access policies. *International Journal on Software Tools for Technology Transfer (STTT)*, 9(5–6):457–470, October 2007.

CODEN ???? ISSN 1433-2779 (print), 1433-2787 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=1433-2779&volume=9&issue=5&spage=457>.

Larsen:2007:MSP

- [274] Kim G. Larsen, Ulrik Nyman, and Andrzej Wasowski. Modeling software product lines using color-blind transition systems. *International Journal on Software Tools for Technology Transfer (STTT)*, 9(5–6):471–487, October 2007. CODEN ???? ISSN 1433-2779 (print), 1433-2787 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=1433-2779&volume=9&issue=5&spage=471>.

Ranganath:2007:SCJ

- [275] Venkatesh Prasad Ranganath and John Hatcliff. Slicing concurrent Java programs using Indus and Kaveri. *International Journal on Software Tools for Technology Transfer (STTT)*, 9(5–6):489–504, October 2007. CODEN ???? ISSN 1433-2779 (print), 1433-2787 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=1433-2779&volume=9&issue=5&spage=489>.

Beyer:2007:SMC

- [276] Dirk Beyer, Thomas A. Henzinger, Ranjit Jhala, and Rupak Majumdar. The software model checker BLAST. *International Journal on Software Tools for Technology Transfer (STTT)*, 9(5–6):505–525, October 2007. CODEN ???? ISSN 1433-2779 (print), 1433-2787 (electronic). URL <http://www.springerlink.com/openurl>.

asp?genre=article&issn=1433-2779&volume=9&issue=5&spage=505.

Jurjens:2007:TSS

- [277] Jan Jürjens and Pasha Shabalin. Tools for secure systems development with UML. *International Journal on Software Tools for Technology Transfer (STTT)*, 9(5-6):527-544, October 2007. CODEN ???? ISSN 1433-2779 (print), 1433-2787 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=1433-2779&volume=9&issue=5&spage=527>.

Jensen:2008:SSC

- [278] Kurt Jensen. Special section on coloured Petri nets. *International Journal on Software Tools for Technology Transfer (STTT)*, 10(1):1-3, January 2008. CODEN ???? ISSN 1433-2779 (print), 1433-2787 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=1433-2779&volume=10&issue=1&spage=1>.

Kristensen:2008:MBD

- [279] Lars M. Kristensen, Peter Mechlenborg, Lin Zhang, Brice Mitchell, and Guy E. Gallasch. Model-based development of a course of action scheduling tool. *International Journal on Software Tools for Technology Transfer (STTT)*, 10(1):5-14, January 2008. CODEN ???? ISSN 1433-2779 (print), 1433-2787 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=1433-2779&volume=10&issue=1&spage=5>.

Jorgensen:2008:TDC

- [280] Jens Bæk Jørgensen, Kristian Bisgaard Lassen, and Wil M. P. van der Aalst.

From task descriptions via colored Petri nets towards an implementation of a new electronic patient record workflow system. *International Journal on Software Tools for Technology Transfer (STTT)*, 10(1):15-28, January 2008. CODEN ???? ISSN 1433-2779 (print), 1433-2787 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=1433-2779&volume=10&issue=1&spage=15>.

Vanit-Anunchai:2008:ADC

- [281] Somsak Vanit-Anunchai, Jonathan Billington, and Guy Edward Gallasch. Analysis of the Datagram Congestion Control Protocol's connection management procedures using the sweep-line method. *International Journal on Software Tools for Technology Transfer (STTT)*, 10(1):29-56, January 2008. CODEN ???? ISSN 1433-2779 (print), 1433-2787 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=1433-2779&volume=10&issue=1&spage=29>.

Rozinat:2008:DCP

- [282] A. Rozinat, R. S. Mans, M. Song, and W. M. P. van der Aalst. Discovering colored Petri nets from event logs. *International Journal on Software Tools for Technology Transfer (STTT)*, 10(1):57-74, January 2008. CODEN ???? ISSN 1433-2779 (print), 1433-2787 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=1433-2779&volume=10&issue=1&spage=57>.

Gallasch:2008:MDL

- [283] Guy Edward Gallasch, Nimrod Lilith, Jonathan Billington, Lin Zhang, Axel

Bender, and Benjamin Francis. Modelling defence logistics networks. *International Journal on Software Tools for Technology Transfer (STTT)*, 10(1):75–93, January 2008. CODEN ???? ISSN 1433-2779 (print), 1433-2787 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=1433-2779&volume=10&issue=1&spage=75>.

Gottschalk:2008:PUC

- [284] F. Gottschalk, W. M. P. van der Aalst, M. H. Jansen-Vullers, and H. M. W. Verbeek. Protos2CPN: using colored Petri nets for configuring and testing business processes. *International Journal on Software Tools for Technology Transfer (STTT)*, 10(1):95–110, January 2008. CODEN ???? ISSN 1433-2779 (print), 1433-2787 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=1433-2779&volume=10&issue=1&spage=95>.

Hermanns:2008:IES

- [285] Holger Hermanns and Jens Palsberg. Improving the effectiveness of system verification. *International Journal on Software Tools for Technology Transfer (STTT)*, 10(2):111–112, March 2008. CODEN ???? ISSN 1433-2779 (print), 1433-2787 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=1433-2779&volume=10&issue=2&spage=111>.

Thomas:2008:EGS

- [286] Dina Thomas, Supratik Chakraborty, and Paritosh Pandya. Efficient guided symbolic reachability using reachability expressions. *International Journal on Software Tools for Technology Trans-*

fer (STTT), 10(2):113–129, March 2008. CODEN ???? ISSN 1433-2779 (print), 1433-2787 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=1433-2779&volume=10&issue=2&spage=113>.

Groce:2008:ETS

- [287] Alex Groce and Rajeev Joshi. Exploiting traces in static program analysis: better model checking through printf. *International Journal on Software Tools for Technology Transfer (STTT)*, 10(2):131–144, March 2008. CODEN ???? ISSN 1433-2779 (print), 1433-2787 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=1433-2779&volume=10&issue=2&spage=131>.

Gupta:2008:AEF

- [288] Atul Gupta and Pankaj Jalote. An approach for experimentally evaluating effectiveness and efficiency of coverage criteria for software testing. *International Journal on Software Tools for Technology Transfer (STTT)*, 10(2):145–160, March 2008. CODEN ???? ISSN 1433-2779 (print), 1433-2787 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=1433-2779&volume=10&issue=2&spage=145>.

Esparza:2008:NRD

- [289] Javier Esparza, Pradeep Kanade, and Stefan Schwoon. A negative result on depth-first net unfoldings. *International Journal on Software Tools for Technology Transfer (STTT)*, 10(2):161–166, March 2008. CODEN ???? ISSN 1433-2779 (print), 1433-2787 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=1433-2779&volume=10&issue=2&spage=161>.

[//www.springerlink.com/openurl.
asp?genre=article&issn=1433-2779&
volume=10&issue=2&spage=161.](http://www.springerlink.com/openurl.asp?genre=article&issn=1433-2779&volume=10&issue=2&spage=161)

Burmester:2008:TSD

Hadjidj:2008:ISC

- [290] Rachid Hadjidj and Hanifa Boucheneb. Improving state class constructions for CTL* model checking of time Petri nets. *International Journal on Software Tools for Technology Transfer (STTT)*, 10(2):167–184, March 2008. CODEN ????? ISSN 1433-2779 (print), 1433-2787 (electronic). URL [http://www.springerlink.com/openurl.
asp?genre=article&issn=1433-2779&
volume=10&issue=2&spage=167.](http://www.springerlink.com/openurl.asp?genre=article&issn=1433-2779&volume=10&issue=2&spage=167)

Leuschel:2008:PAA

- [291] Michael Leuschel and Michael Butler. ProB: an automated analysis toolset for the B method. *International Journal on Software Tools for Technology Transfer (STTT)*, 10(2):185–203, March 2008. CODEN ????? ISSN 1433-2779 (print), 1433-2787 (electronic). URL [http://www.springerlink.com/openurl.
asp?genre=article&issn=1433-2779&
volume=10&issue=2&spage=185.](http://www.springerlink.com/openurl.asp?genre=article&issn=1433-2779&volume=10&issue=2&spage=185)

Schafer:2008:ISS

- [292] Wilhelm Schäfer and Matthias Tichy. Introduction to the special section on self-optimizing mechatronic systems. *International Journal on Software Tools for Technology Transfer (STTT)*, 10(3):205–206, June 2008. CODEN ????? ISSN 1433-2779 (print), 1433-2787 (electronic). URL [http://www.springerlink.com/openurl.
asp?genre=article&issn=1433-2779&
volume=10&issue=3&spage=205.](http://www.springerlink.com/openurl.asp?genre=article&issn=1433-2779&volume=10&issue=3&spage=205)

- [293] Sven Burmester, Holger Giese, Eckehard Münch, Oliver Oberschelp, Florian Klein, and Peter Scheideler. Tool support for the design of self-optimizing mechatronic multi-agent systems. *International Journal on Software Tools for Technology Transfer (STTT)*, 10(3):207–222, June 2008. CODEN ????? ISSN 1433-2779 (print), 1433-2787 (electronic). URL [http://www.springerlink.com/openurl.
asp?genre=article&issn=1433-2779&
volume=10&issue=3&spage=207.](http://www.springerlink.com/openurl.asp?genre=article&issn=1433-2779&volume=10&issue=3&spage=207)

Witting:2008:NAO

- [294] Katrin Witting, Bernd Schulz, Michael Dellnitz, Joachim Böcker, and Norbert Fröhleke. A new approach for online multiobjective optimization of mechatronic systems. *International Journal on Software Tools for Technology Transfer (STTT)*, 10(3):223–231, June 2008. CODEN ????? ISSN 1433-2779 (print), 1433-2787 (electronic). URL [http://www.springerlink.com/openurl.
asp?genre=article&issn=1433-2779&
volume=10&issue=3&spage=223.](http://www.springerlink.com/openurl.asp?genre=article&issn=1433-2779&volume=10&issue=3&spage=223)

Stein:2008:CLD

- [295] Benno Stein. Coping with large design spaces: design problem solving in fluidic engineering. *International Journal on Software Tools for Technology Transfer (STTT)*, 10(3):233–245, June 2008. CODEN ????? ISSN 1433-2779 (print), 1433-2787 (electronic). URL [http://www.springerlink.com/openurl.
asp?genre=article&issn=1433-2779&
volume=10&issue=3&spage=233.](http://www.springerlink.com/openurl.asp?genre=article&issn=1433-2779&volume=10&issue=3&spage=233)

Trofin:2008:SVC

- [296] Mircea Trofin and John Murphy. Static verification of component composition in contextual composition frameworks. *International Journal on Software Tools for Technology Transfer (STTT)*, 10(3):247–261, June 2008. CODEN ???? ISSN 1433-2779 (print), 1433-2787 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=1433-2779&volume=10&issue=3&spage=247>.

Frehse:2008:PAV

- [297] Goran Frehse. PHAVer: algorithmic verification of hybrid systems past HyTech. *International Journal on Software Tools for Technology Transfer (STTT)*, 10(3):263–279, June 2008. CODEN ???? ISSN 1433-2779 (print), 1433-2787 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=1433-2779&volume=10&issue=3&spage=263>.

Schieferdecker:2008:ISS

- [298] Ina Schieferdecker and Jens Grabowski. Introduction to the special section on advances in test automation: the evolution of TTCN-3. *International Journal on Software Tools for Technology Transfer (STTT)*, 10(4):281–283, August 2008. CODEN ???? ISSN 1433-2779 (print), 1433-2787 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=1433-2779&volume=10&issue=4&spage=281>.

Botteck:2008:ITP

- [299] Martin Botteck and Thomas Deiß. Introduction of TTCN-3 into the product development process: considerations

from an electronic devices developer point of view. *International Journal on Software Tools for Technology Transfer (STTT)*, 10(4):285–289, August 2008. CODEN ???? ISSN 1433-2779 (print), 1433-2787 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=1433-2779&volume=10&issue=4&spage=285>.

Pietschker:2008:ATA

- [300] Andrej Pietschker. Automating test automation. *International Journal on Software Tools for Technology Transfer (STTT)*, 10(4):291–295, August 2008. CODEN ???? ISSN 1433-2779 (print), 1433-2787 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=1433-2779&volume=10&issue=4&spage=291>.

Warcken:2008:TAP

- [301] Markus Warcken. From testing to anti-product development. *International Journal on Software Tools for Technology Transfer (STTT)*, 10(4):297–307, August 2008. CODEN ???? ISSN 1433-2779 (print), 1433-2787 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=1433-2779&volume=10&issue=4&spage=297>.

Neukirchen:2008:AQE

- [302] Helmut Neukirchen, Benjamin Zeiss, and Jens Grabowski. An approach to quality engineering of TTCN-3 test specifications. *International Journal on Software Tools for Technology Transfer (STTT)*, 10(4):309–326, August 2008. CODEN ???? ISSN 1433-2779 (print), 1433-2787 (electronic). URL <http://www.springerlink.com/openurl>.

asp?genre=article&issn=1433-2779&volume=10&issue=4&spage=309.

Schulz:2008:TSD

- [303] Stephan Schulz. Test suite development with TTCN-3 libraries. *International Journal on Software Tools for Technology Transfer (STTT)*, 10(4):327–336, August 2008. CODEN ????. ISSN 1433-2779 (print), 1433-2787 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=1433-2779&volume=10&issue=4&spage=327>.

Sabiguero:2008:ACG

- [304] Ariel Sabiguero, Anthony Baire, and César Viho. Automatic CoDec generation to reduce test engineering cost. *International Journal on Software Tools for Technology Transfer (STTT)*, 10(4):337–346, August 2008. CODEN ????. ISSN 1433-2779 (print), 1433-2787 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=1433-2779&volume=10&issue=4&spage=337>.

Deiss:2008:RCT

- [305] Thomas Deiß. Refactoring and converting a TTCN-2 test suite. *International Journal on Software Tools for Technology Transfer (STTT)*, 10(4):347–352, August 2008. CODEN ????. ISSN 1433-2779 (print), 1433-2787 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=1433-2779&volume=10&issue=4&spage=347>.

Glaser:2008:STS

- [306] Michael Gläser, Sebastian Müller, Axel Rennoch, and Peter Schmitting. Stan-

dardized TTCN-3 specifications for SIP-ISUP/ISDN interworking testing. *International Journal on Software Tools for Technology Transfer (STTT)*, 10(4):353–358, August 2008. CODEN ????. ISSN 1433-2779 (print), 1433-2787 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=1433-2779&volume=10&issue=4&spage=353>.

Din:2008:IPB

- [307] George Din. An IMS performance benchmark implementation based on the TTCN-3 language. *International Journal on Software Tools for Technology Transfer (STTT)*, 10(4):359–370, August 2008. CODEN ????. ISSN 1433-2779 (print), 1433-2787 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=1433-2779&volume=10&issue=4&spage=359>.

Stepien:2008:FTW

- [308] Bernard Stepien, Liam Peyton, and Pulei Xiong. Framework testing of Web applications using TTCN-3. *International Journal on Software Tools for Technology Transfer (STTT)*, 10(4):371–381, August 2008. CODEN ????. ISSN 1433-2779 (print), 1433-2787 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=1433-2779&volume=10&issue=4&spage=371>.

Schieferdecker:2008:THC

- [309] Ina Schieferdecker and Juergen Grossmann. Testing hybrid control systems with TTCN-3: an overview on continuous TTCN-3. *International Journal on Software Tools for Technology Transfer*

(*STTT*), 10(4):383–400, August 2008. CODEN ???? ISSN 1433-2779 (print), 1433-2787 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=1433-2779&volume=10&issue=4&spage=383>.

Bardin:2008:FAT

- [310] Sébastien Bardin, Alain Finkel, Jérôme Leroux, and Laure Petrucci. FAST: acceleration from theory to practice. *International Journal on Software Tools for Technology Transfer (STTT)*, 10(5):401–424, October 2008. CODEN ???? ISSN 1433-2779 (print), 1433-2787 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=1433-2779&volume=10&issue=5&spage=401>.

Ossowski:2008:UFW

- [311] Jörn Ossowski and Christel Baier. A uniform framework for weighted decision diagrams and its implementation. *International Journal on Software Tools for Technology Transfer (STTT)*, 10(5):425–441, October 2008. CODEN ???? ISSN 1433-2779 (print), 1433-2787 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=1433-2779&volume=10&issue=5&spage=425>.

Pelánek:2008:PSS

- [312] Radek Pelánek. Properties of state spaces and their applications. *International Journal on Software Tools for Technology Transfer (STTT)*, 10(5):443–454, October 2008. CODEN ???? ISSN 1433-2779 (print), 1433-2787 (electronic). URL <http://www.springerlink.com/openurl>.

<http://www.springerlink.com/openurl.asp?genre=article&issn=1433-2779&volume=10&issue=5&spage=443>.

Ebnenasir:2008:FFA

- [313] Ali Ebnenasir, Sandeep S. Kulkarni, and Anish Arora. FTSyn: a framework for automatic synthesis of fault-tolerance. *International Journal on Software Tools for Technology Transfer (STTT)*, 10(5):455–471, October 2008. CODEN ???? ISSN 1433-2779 (print), 1433-2787 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=1433-2779&volume=10&issue=5&spage=455>.

Marchetto:2008:SST

- [314] Alessandro Marchetto. Special section on testing and security of Web systems. *International Journal on Software Tools for Technology Transfer (STTT)*, 10(6):473–476, December 2008. CODEN ???? ISSN 1433-2779 (print), 1433-2787 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=1433-2779&volume=10&issue=6&spage=473>.

Marchetto:2008:CSB

- [315] Alessandro Marchetto, Filippo Ricca, and Paolo Tonella. A case study-based comparison of Web testing techniques applied to AJAX Web applications. *International Journal on Software Tools for Technology Transfer (STTT)*, 10(6):477–492, December 2008. CODEN ???? ISSN 1433-2779 (print), 1433-2787 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=1433-2779&volume=10&issue=6&spage=477>.

Carzaniga:2008:HWA

- [316] Antonio Carzaniga, Alessandra Gorla, and Mauro Pezzè. Healing Web applications through automatic workarounds. *International Journal on Software Tools for Technology Transfer (STTT)*, 10(6):493–502, December 2008. CODEN ???? ISSN 1433-2779 (print), 1433-2787 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=1433-2779&volume=10&issue=6&spage=493>.

Hughes:2008:AVA

- [317] Graham Hughes and Tefvik Bultan. Automated verification of access control policies using a SAT solver. *International Journal on Software Tools for Technology Transfer (STTT)*, 10(6):503–520, December 2008. CODEN ???? ISSN 1433-2779 (print), 1433-2787 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=1433-2779&volume=10&issue=6&spage=503>.

Kinder:2008:MPF

- [318] Sebastian Kinder and Rolf Drechsler. Modeling and proving functional completeness in formal verification of counting heads. *International Journal on Software Tools for Technology Transfer (STTT)*, 10(6):521–534, December 2008. CODEN ???? ISSN 1433-2779 (print), 1433-2787 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=1433-2779&volume=10&issue=6&spage=521>.

Valmari:2009:SMC

- [319] Antti Valmari. Software model checking is a rich research field. *International Journal on Software Tools*

for Technology Transfer (STTT), 11(1):1–11, February 2009. CODEN ???? ISSN 1433-2779 (print), 1433-2787 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=1433-2779&volume=11&issue=1&spage=1>.

Melatti:2009:PDM

- [320] I. Melatti, R. Palmer, G. Sawaya, Y. Yang, R. M. Kirby, et al. Parallel and distributed model checking in Eddy. *International Journal on Software Tools for Technology Transfer (STTT)*, 11(1):13–25, February 2009. CODEN ???? ISSN 1433-2779 (print), 1433-2787 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=1433-2779&volume=11&issue=1&spage=13>.

Dräger:2009:DMC

- [321] Klaus Dräger, Bernd Finkbeiner, and Andreas Podelski. Directed model checking with distance-preserving abstractions. *International Journal on Software Tools for Technology Transfer (STTT)*, 11(1):27–37, February 2009. CODEN ???? ISSN 1433-2779 (print), 1433-2787 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=1433-2779&volume=11&issue=1&spage=27>.

Bosnacki:2009:POR

- [322] Dragan Bosnacki, Stefan Leue, and Alberto Lluch Lafuente. Partial-order reduction for general state exploring algorithms. *International Journal on Software Tools for Technology Transfer (STTT)*, 11(1):39–51, February 2009. CODEN ???? ISSN 1433-2779 (print), 1433-2787 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=1433-2779&volume=11&issue=1&spage=39>.

[//www.springerlink.com/openurl.
asp?genre=article&issn=1433-2779&
volume=11&issue=1&spage=39.](http://www.springerlink.com/openurl.asp?genre=article&issn=1433-2779&volume=11&issue=1&spage=39)

Anand:2009:SEA

- [323] Saswat Anand, Corina S. Pasareanu, and Willem Visser. Symbolic execution with abstraction. *International Journal on Software Tools for Technology Transfer (STTT)*, 11(1):53–67, February 2009. CODEN ???? ISSN 1433-2779 (print), 1433-2787 (electronic). URL [http://www.springerlink.com/openurl.
asp?genre=article&issn=1433-2779&
volume=11&issue=1&spage=53.](http://www.springerlink.com/openurl.asp?genre=article&issn=1433-2779&volume=11&issue=1&spage=53)

Armando:2009:BMC

- [324] Alessandro Armando, Jacopo Mantovani, and Lorenzo Platania. Bounded model checking of software using SMT solvers instead of SAT solvers. *International Journal on Software Tools for Technology Transfer (STTT)*, 11(1):69–83, February 2009. CODEN ???? ISSN 1433-2779 (print), 1433-2787 (electronic). URL [http://www.springerlink.com/openurl.
asp?genre=article&issn=1433-2779&
volume=11&issue=1&spage=69.](http://www.springerlink.com/openurl.asp?genre=article&issn=1433-2779&volume=11&issue=1&spage=69)

Huth:2009:SSA

- [325] Michael Huth and Orna Grumberg. Special section on advances in reachability analysis and decision procedures: contributions to abstraction-based system verification. *International Journal on Software Tools for Technology Transfer (STTT)*, 11(2):85–94, April 2009. CODEN ???? ISSN 1433-2779 (print), 1433-2787 (electronic). URL [http://www.springerlink.com/openurl.](http://www.springerlink.com/openurl)

[asp?genre=article&issn=1433-2779&
volume=11&issue=2&spage=85.](http://www.springerlink.com/openurl.asp?genre=article&issn=1433-2779&volume=11&issue=2&spage=85)

Bryant:2009:ABD

- [326] Randal E. Bryant, Daniel Kroening, Joël Ouaknine, Sanjit A. Seshia, Ofer Strichman, and Bryan Brady. An abstraction-based decision procedure for bit-vector arithmetic. *International Journal on Software Tools for Technology Transfer (STTT)*, 11(2):95–104, April 2009. CODEN ???? ISSN 1433-2779 (print), 1433-2787 (electronic). URL [http://www.springerlink.com/openurl.
asp?genre=article&issn=1433-2779&
volume=11&issue=2&spage=95.](http://www.springerlink.com/openurl.asp?genre=article&issn=1433-2779&volume=11&issue=2&spage=95)

Chatterjee:2009:LLM

- [327] Shaunak Chatterjee, Shuvendu K. Lahiri, Shaz Qadeer, and Zvonimir Rakamarić. A low-level memory model and an accompanying reachability predicate. *International Journal on Software Tools for Technology Transfer (STTT)*, 11(2):105–116, April 2009. CODEN ???? ISSN 1433-2779 (print), 1433-2787 (electronic). URL [http://www.springerlink.com/openurl.
asp?genre=article&issn=1433-2779&
volume=11&issue=2&spage=105.](http://www.springerlink.com/openurl.asp?genre=article&issn=1433-2779&volume=11&issue=2&spage=105)

Yu:2009:DDB

- [328] Andy Jinqing Yu, Gianfranco Ciardo, and Gerald Lüttgen. Decision-diagram-based techniques for bounded reachability checking of asynchronous systems. *International Journal on Software Tools for Technology Transfer (STTT)*, 11(2):117–131, April 2009. CODEN ???? ISSN 1433-2779 (print), 1433-2787 (electronic). URL [http://www.springerlink.com/openurl.](http://www.springerlink.com/openurl)

asp?genre=article&issn=1433-2779&volume=11&issue=2&spage=117.

Tan:2009:WCE

- [329] Lili Tan. The worst-case execution time tool challenge 2006. *International Journal on Software Tools for Technology Transfer (STTT)*, 11(2):133–152, April 2009. CODEN ???? ISSN 1433-2779 (print), 1433-2787 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=1433-2779&volume=11&issue=2&spage=133>.

Georgiou:2009:AIC

- [330] Chryssis Georgiou, Nancy Lynch, Panayiotis Mavrommatis, and Joshua A. Tauber. Automated implementation of complex distributed algorithms specified in the IOA language. *International Journal on Software Tools for Technology Transfer (STTT)*, 11(2):153–171, April 2009. CODEN ???? ISSN 1433-2779 (print), 1433-2787 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=1433-2779&volume=11&issue=2&spage=153>.

Hinchey:2009:GEI

- [331] Mike Hinchey, Tiziana Margaria, and Bernhard Steffen. Guest Editor’s introduction. *International Journal on Software Tools for Technology Transfer (STTT)*, 11(3):173–174, July 2009. CODEN ???? ISSN 1433-2779 (print), 1433-2787 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=1433-2779&volume=11&issue=3&spage=173>.

Chetali:2009:ATE

- [332] Boutheina Chetali and Quang-Huy Nguyen. An automated testing experiment for layered embedded C code. *International Journal on Software Tools for Technology Transfer (STTT)*, 11(3):175–185, July 2009. CODEN ???? ISSN 1433-2779 (print), 1433-2787 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=1433-2779&volume=11&issue=3&spage=175>.

Schlich:2009:MCC

- [333] Bastian Schlich and Stefan Kowalewski. Model checking C source code for embedded systems. *International Journal on Software Tools for Technology Transfer (STTT)*, 11(3):187–202, July 2009. CODEN ???? ISSN 1433-2779 (print), 1433-2787 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=1433-2779&volume=11&issue=3&spage=187>.

VanWyk:2009:FML

- [334] Eric Van Wyk and Mats Per Erik Heimdahl. Flexibility in modeling languages and tools: a call to arms. *International Journal on Software Tools for Technology Transfer (STTT)*, 11(3):203–215, July 2009. CODEN ???? ISSN 1433-2779 (print), 1433-2787 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=1433-2779&volume=11&issue=3&spage=203>.

Cansell:2009:SCD

- [335] Dominique Cansell, Dominique Méry, and Cyril Proch. System-on-chip design by proof-based refinement. *International Journal on Software Tools*

for *Technology Transfer (STTT)*, 11(3):217–238, July 2009. CODEN ????. ISSN 1433-2779 (print), 1433-2787 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=1433-2779&volume=11&issue=3&spage=217>.

Ait-Ameur:2009:EPA

- [336] Yamine Ait-Ameur, Mickael Baron, Nadjet Kamel, and Jean-Marc Mota. Encoding a process algebra using the Event B method application to the validation of human-computer interactions. *International Journal on Software Tools for Technology Transfer (STTT)*, 11(3):239–253, July 2009. CODEN ????. ISSN 1433-2779 (print), 1433-2787 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=1433-2779&volume=11&issue=3&spage=239>.

Deharbe:2009:SSS

- [337] David Déharbe and Silvio Ranise. Satisfiability solving for software verification. *International Journal on Software Tools for Technology Transfer (STTT)*, 11(3):255–260, July 2009. CODEN ????. ISSN 1433-2779 (print), 1433-2787 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=1433-2779&volume=11&issue=3&spage=255>.

Desmoulin:2009:FIT

- [338] Alexandra Desmoulin and César Viho. Formalizing interoperability for test case generation purpose. *International Journal on Software Tools for Technology Transfer (STTT)*, 11(3):261–267, July 2009. CODEN ????. ISSN 1433-2779 (print),

1433-2787 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=1433-2779&volume=11&issue=3&spage=261>.

Yorav:2009:HVC

- [339] Karen Yorav. Haifa verification conference 2007. *International Journal on Software Tools for Technology Transfer (STTT)*, 11(4):269–272, October 2009. CODEN ????. ISSN 1433-2779 (print), 1433-2787 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=1433-2779&volume=11&issue=4&spage=269>.

Pasternak:2009:GUT

- [340] Benny Pasternak, Shmuel Tyszberowicz, and Amiram Yehudai. GenUTest: a unit test and mock aspect generation tool. *International Journal on Software Tools for Technology Transfer (STTT)*, 11(4):273–290, October 2009. CODEN ????. ISSN 1433-2779 (print), 1433-2787 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=1433-2779&volume=11&issue=4&spage=273>.

Fine:2009:UBN

- [341] Shai Fine, Laurent Fournier, and Avi Ziv. Using Bayesian networks and virtual coverage to hit hard-to-reach events. *International Journal on Software Tools for Technology Transfer (STTT)*, 11(4):291–305, October 2009. CODEN ????. ISSN 1433-2779 (print), 1433-2787 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=1433-2779&volume=11&issue=4&spage=291>.

Raffelt:2009:DTA

- [342] Harald Raffelt, Maik Merten, Bernhard Steffen, and Tiziana Margaria. Dynamic testing via automata learning. *International Journal on Software Tools for Technology Transfer (STTT)*, 11(4):307–324, October 2009. CODEN ???? ISSN 1433-2779 (print), 1433-2787 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=1433-2779&volume=11&issue=4&spage=307>.

Babic:2009:ASR

- [343] Domagoj Babić and Alan J. Hu. Approximating the safely reusable set of learned facts. *International Journal on Software Tools for Technology Transfer (STTT)*, 11(4):325–338, October 2009. CODEN ???? ISSN 1433-2779 (print), 1433-2787 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=1433-2779&volume=11&issue=4&spage=325>.

Pasareanu:2009:SNT

- [344] Corina S. Pasareanu and Willem Visser. A survey of new trends in symbolic execution for software testing and analysis. *International Journal on Software Tools for Technology Transfer (STTT)*, 11(4):339–353, October 2009. CODEN ???? ISSN 1433-2779 (print), 1433-2787 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=1433-2779&volume=11&issue=4&spage=339>.

Margaria:2009:P

- [345] Tiziana Margaria and Mieke Massink. Preface. *International Journal on Software Tools for Technology Transfer (STTT)*, 11(5):355–357, November

2009. CODEN ???? ISSN 1433-2779 (print), 1433-2787 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=1433-2779&volume=11&issue=5&spage=355>.

delaCamara:2009:CRS

- [346] Pedro de la Cámara, María del Mar Gallardo, Pedro Merino, and David Sanán. Checking the reliability of socket based communication software. *International Journal on Software Tools for Technology Transfer (STTT)*, 11(5):359–374, November 2009. CODEN ???? ISSN 1433-2779 (print), 1433-2787 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=1433-2779&volume=11&issue=5&spage=359>.

Wijs:2009:SSP

- [347] Anton J. Wijs, Jaco C. van de Pol, and Elena M. Bortnik. Solving scheduling problems by untimed model checking: The clinical chemical analyser case study. *International Journal on Software Tools for Technology Transfer (STTT)*, 11(5):375–392, November 2009. CODEN ???? ISSN 1433-2779 (print), 1433-2787 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=1433-2779&volume=11&issue=5&spage=375>.

Raffelt:2009:LFE

- [348] Harald Raffelt, Bernhard Steffen, Therese Berg, and Tiziana Margaria. LearnLib: a framework for extrapolating behavioral models. *International Journal on Software Tools for Technology Transfer (STTT)*, 11

(5):393–407, November 2009. CODEN ????? ISSN 1433-2779 (print), 1433-2787 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=1433-2779&volume=11&issue=5&spage=393>.

Mikac:2009:FED

- [349] Jan Mikác and Paul Caspi. Flush: an example of development by refinements in SCADE/Lustre. *International Journal on Software Tools for Technology Transfer (STTT)*, 11(5):409–418, November 2009. CODEN ????? ISSN 1433-2779 (print), 1433-2787 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=1433-2779&volume=11&issue=5&spage=409>.

Ricca:2009:SSW

- [350] Filippo Ricca and Liu Chao. Special section on Web Systems Evolution. *International Journal on Software Tools for Technology Transfer (STTT)*, 11(6):419–425, December 2009. CODEN ????? ISSN 1433-2779 (print), 1433-2787 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=1433-2779&volume=11&issue=6&spage=419>.

Marchetto:2009:OST

- [351] Alessandro Marchetto and Filippo Ricca. From objects to services: toward a stepwise migration approach for Java applications. *International Journal on Software Tools for Technology Transfer (STTT)*, 11(6):427–440, December 2009. CODEN ????? ISSN 1433-2779 (print), 1433-2787 (electronic). URL <http://www.springerlink.com/openurl>.

<http://www.springerlink.com/openurl.asp?genre=article&issn=1433-2779&volume=11&issue=6&spage=427>.

Sneed:2009:PPM

- [352] Harry M. Sneed. A pilot project for migrating COBOL code to Web services. *International Journal on Software Tools for Technology Transfer (STTT)*, 11(6):441–451, December 2009. CODEN ????? ISSN 1433-2779 (print), 1433-2787 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=1433-2779&volume=11&issue=6&spage=441>.

Nakano:2009:CWS

- [353] Keisuke Nakano, Zhenjiang Hu, and Masato Takeichi. Consistent Web site updating based on bidirectional transformation. *International Journal on Software Tools for Technology Transfer (STTT)*, 11(6):453–468, December 2009. CODEN ????? ISSN 1433-2779 (print), 1433-2787 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=1433-2779&volume=11&issue=6&spage=453>.

Scanniello:2009:AEB

- [354] Giuseppe Scanniello, Damiano Distante, and Michele Risi. An approach and an Eclipse-based environment for enhancing the navigation structure of Web sites. *International Journal on Software Tools for Technology Transfer (STTT)*, 11(6):469–484, December 2009. CODEN ????? ISSN 1433-2779 (print), 1433-2787 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=1433-2779&volume=11&issue=6&spage=469>.

Bernardi:2009:RUA

- [355] Mario Luca Bernardi, Giuseppe Antonio Di Lucca, and Damiano Distanto. The RE-UWA approach to recover user centered conceptual models from Web applications. *International Journal on Software Tools for Technology Transfer (STTT)*, 11(6):485–501, December 2009. CODEN ???? ISSN 1433-2779 (print), 1433-2787 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=1433-2779&volume=11&issue=6&spage=485>.

Chan:2009:AET

- [356] Brian Chan, King Chun Foo, Lionel Marks, and Ying Zou. An approach for estimating the time needed to perform code changes in business applications. *International Journal on Software Tools for Technology Transfer (STTT)*, 11(6):503–515, December 2009. CODEN ???? ISSN 1433-2779 (print), 1433-2787 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=1433-2779&volume=11&issue=6&spage=503>.

Ameur:2010:TWU

- [357] Yamine Ait Ameur, Frédéric Boniol, and Virginie Wiels. Toward a wider use of formal methods for aerospace systems design and verification. *International Journal on Software Tools for Technology Transfer (STTT)*, 12(1):1–7, February 2010. CODEN ???? ISSN 1433-2779 (print), 1433-2787 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=1433-2779&volume=12&issue=1&spage=1>.

Plagge:2010:SOS

- [358] Daniel Plagge and Michael Leuschel. Seven at one stroke: LTL model checking for high-level specifications in B, Z, CSP, and more. *International Journal on Software Tools for Technology Transfer (STTT)*, 12(1):9–21, February 2010. CODEN ???? ISSN 1433-2779 (print), 1433-2787 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=1433-2779&volume=12&issue=1&spage=9>.

Bauer:2010:DCS

- [359] Andreas Bauer, Martin Leucker, Christian Schallhart, and Michael Tautschnig. Don't care in SMT: building flexible yet efficient abstraction/refinement solvers. *International Journal on Software Tools for Technology Transfer (STTT)*, 12(1):23–37, February 2010. CODEN ???? ISSN 1433-2779 (print), 1433-2787 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=1433-2779&volume=12&issue=1&spage=23>.

Rehm:2010:PDR

- [360] Joris Rehm. Proved development of the real-time properties of the IEEE 1394 Root Contention Protocol with the event-B method. *International Journal on Software Tools for Technology Transfer (STTT)*, 12(1):39–51, February 2010. CODEN ???? ISSN 1433-2779 (print), 1433-2787 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=1433-2779&volume=12&issue=1&spage=39>.

Dolev:2010:FRA

- [361] Shlomi Dolev and Ori Gersten. A framework for robust active super tier systems. *International Journal on Software Tools for Technology Transfer (STTT)*, 12(1):53–67, February 2010. CODEN ???? ISSN 1433-2779 (print), 1433-2787 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=1433-2779&volume=12&issue=1&spage=53>.

Carver:2010:CLI

- [362] Richard H. Carver and Yu Lei. A class library for implementing, testing, and debugging concurrent programs. *International Journal on Software Tools for Technology Transfer (STTT)*, 12(1):69–88, February 2010. CODEN ???? ISSN 1433-2779 (print), 1433-2787 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=1433-2779&volume=12&issue=1&spage=69>.

Bosnacki:2010:MCS

- [363] Dragan Bosnacki and Stefan Edelkamp. Model checking software: on some new waves and some evergreens. *International Journal on Software Tools for Technology Transfer (STTT)*, 12(2):89–95, May 2010. CODEN ???? ISSN 1433-2779 (print), 1433-2787 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=1433-2779&volume=12&issue=2&spage=89>.

Weber:2010:EVM

- [364] Michael Weber. An embeddable virtual machine for state space generation. *International Journal on Software Tools for Technology Transfer*

(*STTT*), 12(2):97–111, May 2010. CODEN ???? ISSN 1433-2779 (print), 1433-2787 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=1433-2779&volume=12&issue=2&spage=97>.

Yang:2010:DDP

- [365] Yu Yang, Xiaofang Chen, Ganesh Gopalakrishnan, and Robert M. Kirby. Distributed dynamic partial order reduction. *International Journal on Software Tools for Technology Transfer (STTT)*, 12(2):113–122, May 2010. CODEN ???? ISSN 1433-2779 (print), 1433-2787 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=1433-2779&volume=12&issue=2&spage=113>.

Rozier:2010:LSC

- [366] Kristin Y. Rozier and Moshe Y. Vardi. LTL satisfiability checking. *International Journal on Software Tools for Technology Transfer (STTT)*, 12(2):123–137, May 2010. CODEN ???? ISSN 1433-2779 (print), 1433-2787 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=1433-2779&volume=12&issue=2&spage=123>.

Barnat:2010:SSM

- [367] J. Barnat, L. Brim, and P. Rockai. Scalable shared memory LTL model checking. *International Journal on Software Tools for Technology Transfer (STTT)*, 12(2):139–153, May 2010. CODEN ???? ISSN 1433-2779 (print), 1433-2787 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=1433-2779&volume=12&issue=2&spage=139>.

Evangelista:2010:SIP

- [368] Sami Evangelista and Christophe Pajault. Solving the ignoring problem for partial order reduction. *International Journal on Software Tools for Technology Transfer (STTT)*, 12(2):155–170, May 2010. CODEN ???? ISSN 1433-2779 (print), 1433-2787 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=1433-2779&volume=12&issue=2&spage=155>.

Rensink:2010:GTT

- [369] Arend Rensink and Pieter Van Gorp. Graph transformation tool contest 2008. *International Journal on Software Tools for Technology Transfer (STTT)*, 12(3–4):171–181, July 2010. CODEN ???? ISSN 1433-2779 (print), 1433-2787 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=1433-2779&volume=12&issue=3&spage=171>.

Perez:2010:CSE

- [370] Javier Pérez, Yania Crespo, Berthold Hoffmann, and Tom Mens. A case study to evaluate the suitability of graph transformation tools for program refactoring. *International Journal on Software Tools for Technology Transfer (STTT)*, 12(3–4):183–199, July 2010. CODEN ???? ISSN 1433-2779 (print), 1433-2787 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=1433-2779&volume=12&issue=3&spage=183>.

Muliawan:2010:MRU

- [371] Olaf Muliawan and Dirk Janssens. Model refactoring using MoTMoT. *International Journal on Software Tools*

for Technology Transfer (STTT), 12(3–4):201–209, July 2010. CODEN ???? ISSN 1433-2779 (print), 1433-2787 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=1433-2779&volume=12&issue=3&spage=201>.

Horvath:2010:EAC

- [372] Ákos Horváth, Gábor Bergmann, István Ráth, and Dániel Varró. Experimental assessment of combining pattern matching strategies with VIA-TRA2. *International Journal on Software Tools for Technology Transfer (STTT)*, 12(3–4):211–230, July 2010. CODEN ???? ISSN 1433-2779 (print), 1433-2787 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=1433-2779&volume=12&issue=3&spage=211>.

Meszáros:2010:MAP

- [373] Tamás Mészáros, Gergely Mezei, Tihámér Levendovszky, and Márk Asztalos. Manual and automated performance optimization of model transformation systems. *International Journal on Software Tools for Technology Transfer (STTT)*, 12(3–4):231–243, July 2010. CODEN ???? ISSN 1433-2779 (print), 1433-2787 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=1433-2779&volume=12&issue=3&spage=231>.

Biermann:2010:IAE

- [374] Enrico Biermann, Claudia Ermel, Leen Lambers, Ulrike Prange, Olga Runge, et al. Introduction to AGG and EMF Tiger by modeling a Conference Scheduling System. *International Journal on Software Tools for*

Technology Transfer (STTT), 12(3-4):245–261, July 2010. CODEN ???? ISSN 1433-2779 (print), 1433-2787 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=1433-2779&volume=12&issue=3&spage=245>.

Jakumeit:2010:GNE

- [375] Edgar Jakumeit, Sebastian Buchwald, and Moritz Kroll. GrGen.NET: The expressive, convenient and fast graph rewrite system. *International Journal on Software Tools for Technology Transfer (STTT)*, 12(3-4):263–271, July 2010. CODEN ???? ISSN 1433-2779 (print), 1433-2787 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=1433-2779&volume=12&issue=3&spage=263>.

Moha:2010:EKS

- [376] Naouel Moha, Sagar Sen, Cyril Faucher, Olivier Barais, and Jean-Marc Jézéquel. Evaluation of kermeta for solving graph-based problems. *International Journal on Software Tools for Technology Transfer (STTT)*, 12(3-4):273–285, July 2010. CODEN ???? ISSN 1433-2779 (print), 1433-2787 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=1433-2779&volume=12&issue=3&spage=273>.

Geiger:2010:FCS

- [377] Leif Geiger and Albert Zündorf. Fujaba case studies for GraBaTs 2008: lessons learned. *International Journal on Software Tools for Technology Transfer (STTT)*, 12(3-4):287–304, July 2010. CODEN ???? ISSN 1433-2779 (print), 1433-2787 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=1433-2779&volume=12&issue=3&spage=287>.

<http://www.springerlink.com/openurl.asp?genre=article&issn=1433-2779&volume=12&issue=3&spage=287>.

Mader:2010:SSA

- [378] Angelika Mader, Henrik Bohnenkamp, Yaroslav S. Usenko, David N. Jansen, Johann Hurink, and Holger Hermanns. Synthesis and stochastic assessment of cost-optimal schedules. *International Journal on Software Tools for Technology Transfer (STTT)*, 12(5):305–318, September 2010. CODEN ???? ISSN 1433-2779 (print), 1433-2787 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=1433-2779&volume=12&issue=5&spage=305>.

Simmonds:2010:ERP

- [379] Jocelyn Simmonds, Jessica Davies, Arie Gurfinkel, and Marsha Chechik. Exploiting resolution proofs to speed up LTL vacuity detection for BMC. *International Journal on Software Tools for Technology Transfer (STTT)*, 12(5):319–335, September 2010. CODEN ???? ISSN 1433-2779 (print), 1433-2787 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=1433-2779&volume=12&issue=5&spage=319>.

Beaudenon:2010:DDD

- [380] Vincent Beaudenon, Emmanuelle Encenaz, and Sami Taktak. Data decision diagrams for Promela systems analysis. *International Journal on Software Tools for Technology Transfer (STTT)*, 12(5):337–352, September 2010. CODEN ???? ISSN 1433-2779 (print), 1433-2787 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=1433-2779&volume=12&issue=5&spage=337>.

asp?genre=article&issn=1433-2779&volume=12&issue=5&spage=337.

Krahn:2010:MFC

- [381] Holger Krahn, Bernhard Rumpe, and Steven Völkel. MontiCore: a framework for compositional development of domain specific languages. *International Journal on Software Tools for Technology Transfer (STTT)*, 12(5):353–372, September 2010. CODEN ???? ISSN 1433-2779 (print), 1433-2787 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=1433-2779&volume=12&issue=5&spage=353>.

Bakewell:2010:DAR

- [382] Adam Bakewell, Aleksandar Dimovski, Dan R. Ghica, and Ranko Lazić. Data-abstraction refinement: a game semantic approach. *International Journal on Software Tools for Technology Transfer (STTT)*, 12(5):373–389, September 2010. CODEN ???? ISSN 1433-2779 (print), 1433-2787 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=1433-2779&volume=12&issue=5&spage=373>.

Bucci:2010:OTM

- [383] Giacomo Bucci, Laura Carnevali, Lorenzo Ridi, and Enrico Vicario. Oris: a tool for modeling, verification and evaluation of real-time systems. *International Journal on Software Tools for Technology Transfer (STTT)*, 12(5):391–403, September 2010. CODEN ???? ISSN 1433-2779 (print), 1433-2787 (electronic). URL <http://www.springerlink.com/openurl>.

asp?genre=article&issn=1433-2779&volume=12&issue=5&spage=391.

Kroening:2010:VST

- [384] Daniel Kroening and Tiziana Margaria. Verified software: theories, tools and experiments. *International Journal on Software Tools for Technology Transfer (STTT)*, 12(6):405–408, November 2010. CODEN ???? ISSN 1433-2779 (print), 1433-2787 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=1433-2779&volume=12&issue=6&spage=405>.

Gurfinkel:2010:CPN

- [385] Arie Gurfinkel and Sagar Chaki. Combining predicate and numeric abstraction for software model checking. *International Journal on Software Tools for Technology Transfer (STTT)*, 12(6):409–427, November 2010. CODEN ???? ISSN 1433-2779 (print), 1433-2787 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=1433-2779&volume=12&issue=6&spage=409>.

Chalin:2010:TIG

- [386] Patrice Chalin, Robby, Perry R. James, Jooyong Lee, and George Karabotsos. Towards an industrial grade IVE for Java and next generation research platform for JML. *International Journal on Software Tools for Technology Transfer (STTT)*, 12(6):429–446, November 2010. CODEN ???? ISSN 1433-2779 (print), 1433-2787 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=1433-2779&volume=12&issue=6&spage=429>.

Abrial:2010:ROT

- [387] Jean-Raymond Abrial, Michael Butler, Stefan Hallerstede, Thai Son Hoang, Farhad Mehta, et al. Rodin: an open toolset for modelling and reasoning in Event-B. *International Journal on Software Tools for Technology Transfer (STTT)*, 12(6):447–466, November 2010. CODEN ???? ISSN 1433-2779 (print), 1433-2787 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=1433-2779&volume=12&issue=6&spage=447>.

Cok:2010:IUP

- [388] David R. Cok. Improved usability and performance of SMT solvers for debugging specifications. *International Journal on Software Tools for Technology Transfer (STTT)*, 12(6):467–481, November 2010. CODEN ???? ISSN 1433-2779 (print), 1433-2787 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=1433-2779&volume=12&issue=6&spage=467>.

Pasareanu:2011:NRS

- [389] Corina S. Pasareanu. New results in software model checking and analysis. *International Journal on Software Tools for Technology Transfer (STTT)*, 13(1):1–2, January 2011. CODEN ???? ISSN 1433-2779 (print), 1433-2787 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=1433-2779&volume=13&issue=1&spage=1>.

Hahn:2011:PRP

- [390] Ernst Moritz Hahn, Holger Hermanns, and Lijun Zhang. Probabilistic reach-

ability for parametric Markov models. *International Journal on Software Tools for Technology Transfer (STTT)*, 13(1):3–19, January 2011. CODEN ???? ISSN 1433-2779 (print), 1433-2787 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=1433-2779&volume=13&issue=1&spage=3>.

Bosnacki:2011:PPM

- [391] Dragan Bosnacki, Stefan Edelkamp, Damian Sulewski, and Anton Wijs. Parallel probabilistic model checking on general purpose graphics processors. *International Journal on Software Tools for Technology Transfer (STTT)*, 13(1):21–35, January 2011. CODEN ???? ISSN 1433-2779 (print), 1433-2787 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=1433-2779&volume=13&issue=1&spage=21>.

Kidd:2011:DPD

- [392] Nicholas Kidd, Peter Lammich, Tayssir Touili, and Thomas Reps. A decision procedure for detecting atomicity violations for communicating processes with locks. *International Journal on Software Tools for Technology Transfer (STTT)*, 13(1):37–60, January 2011. CODEN ???? ISSN 1433-2779 (print), 1433-2787 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=1433-2779&volume=13&issue=1&spage=37>.

Lim:2011:SAS

- [393] Junghee Lim, Akash Lal, and Thomas Reps. Symbolic analysis via semantic reinterpretation. *International Journal on Software Tools for Technology Trans-*

fer (*STTT*), 13(1):61–87, January 2011. CODEN ???? ISSN 1433-2779 (print), 1433-2787 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=1433-2779&volume=13&issue=1&spage=61>.

Schmerl:2011:UMC

- [394] Sebastian Schmerl, Michael Vogel, and Hartmut König. Using model checking to identify errors in intrusion detection signatures. *International Journal on Software Tools for Technology Transfer (STTT)*, 13(1):89–106, January 2011. CODEN ???? ISSN 1433-2779 (print), 1433-2787 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=1433-2779&volume=13&issue=1&spage=89>.

Zou:2011:GEI

- [395] Ying Zou, Ji Wu, and Kenny Wong. Guest editors' introduction to the special section from the International Symposium on Web Systems Evolution. *International Journal on Software Tools for Technology Transfer (STTT)*, 13(2):107–109, April 2011. CODEN ???? ISSN 1433-2779 (print), 1433-2787 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=1433-2779&volume=13&issue=2&spage=107>.

Dobolyi:2011:ART

- [396] Kinga Dobolyi, Elizabeth Soechting, and Westley Weimer. Automating regression testing using Web-based application similarities. *International Journal on Software Tools for Technology Transfer (STTT)*, 13(2):111–129, April 2011. CODEN ???? ISSN 1433-2779 (print),

1433-2787 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=1433-2779&volume=13&issue=2&spage=111>.

Marchetto:2011:CMA

- [397] Alessandro Marchetto, Roberto Tiella, Paolo Tonella, Nadia Alshahwan, and Mark Harman. Crawlability metrics for automated Web testing. *International Journal on Software Tools for Technology Transfer (STTT)*, 13(2):131–149, April 2011. CODEN ???? ISSN 1433-2779 (print), 1433-2787 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=1433-2779&volume=13&issue=2&spage=131>.

Torchiano:2011:WAM

- [398] Marco Torchiano, Filippo Ricca, and Alessandro Marchetto. Are Web applications more defect-prone than desktop applications? *International Journal on Software Tools for Technology Transfer (STTT)*, 13(2):151–166, April 2011. CODEN ???? ISSN 1433-2779 (print), 1433-2787 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=1433-2779&volume=13&issue=2&spage=151>.

Mosincat:2011:AMS

- [399] Adina Mosincat and Walter Binder. Automated maintenance of service compositions with SLA violation detection and dynamic binding. *International Journal on Software Tools for Technology Transfer (STTT)*, 13(2):167–179, April 2011. CODEN ???? ISSN 1433-2779 (print), 1433-2787 (electronic). URL <http://www.springerlink.com/openurl>.

asp?genre=article&issn=1433-2779&volume=13&issue=2&spage=167.

D'Ambros:2011:PSV

- [400] Marco D'Ambros, Michele Lanza, Mircea Lungu, and Romain Robbes. On porting software visualization tools to the web. *International Journal on Software Tools for Technology Transfer (STTT)*, 13(2):181–200, April 2011. CODEN ????? ISSN 1433-2779 (print), 1433-2787 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=1433-2779&volume=13&issue=2&spage=181>.

Chockler:2011:P

- [401] Hana Chockler and Alan J. Hu. Preface. *International Journal on Software Tools for Technology Transfer (STTT)*, 13(3):201–205, June 2011. CODEN ????? ISSN 1433-2779 (print), 1433-2787 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=1433-2779&volume=13&issue=3&spage=201>.

Adler:2011:EWU

- [402] Yoram Adler, Dale Blue, Thomas Conti, Richard Prewitt, and Shmuel Ur. Evaluating workloads using comparative functional coverage. *International Journal on Software Tools for Technology Transfer (STTT)*, 13(3):207–221, June 2011. CODEN ????? ISSN 1433-2779 (print), 1433-2787 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=1433-2779&volume=13&issue=3&spage=207>.

Artho:2011:IDD

- [403] Cyrille Artho. Iterative delta debugging. *International Journal on Soft-*

ware Tools for Technology Transfer (STTT), 13(3):223–246, June 2011. CODEN ????? ISSN 1433-2779 (print), 1433-2787 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=1433-2779&volume=13&issue=3&spage=223>.

Baras:2011:ABC

- [404] Dorit Baras, Shai Fine, Laurent Fournier, Dan Geiger, and Avi Ziv. Automatic boosting of cross-product coverage using Bayesian networks. *International Journal on Software Tools for Technology Transfer (STTT)*, 13(3):247–261, June 2011. CODEN ????? ISSN 1433-2779 (print), 1433-2787 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=1433-2779&volume=13&issue=3&spage=247>.

Bar-Ilan:2011:RSR

- [405] Omer Bar-Ilan, Oded Fuhrmann, Shlomo Hoory, Ohad Shacham, and Ofer Strichman. Reducing the size of resolution proofs in linear time. *International Journal on Software Tools for Technology Transfer (STTT)*, 13(3):263–272, June 2011. CODEN ????? ISSN 1433-2779 (print), 1433-2787 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=1433-2779&volume=13&issue=3&spage=263>.

Bauer:2011:UAT

- [406] K. Bauer, R. Gentilini, and K. Schneider. A uniform approach to three-valued semantics for μ -calculus on abstractions of hybrid automata. *International Journal on Software Tools for Technology Transfer (STTT)*, 13

(3):273–287, June 2011. CODEN
 ???? ISSN 1433-2779 (print),
 1433-2787 (electronic). URL [http://www.springerlink.com/openurl.
 asp?genre=article&issn=1433-2779&
 volume=13&issue=3&spage=273](http://www.springerlink.com/openurl.asp?genre=article&issn=1433-2779&volume=13&issue=3&spage=273).

Fecher:2011:LAR

- [407] Harald Fecher and Sharon Shoham. Local abstraction-refinement for the μ -calculus. *International Journal on Software Tools for Technology Transfer (STTT)*, 13(4):289–306, August 2011. CODEN ???? ISSN 1433-2779 (print), 1433-2787 (electronic). URL [http://www.springerlink.com/openurl.
 asp?genre=article&issn=1433-2779&
 volume=13&issue=4&spage=289](http://www.springerlink.com/openurl.asp?genre=article&issn=1433-2779&volume=13&issue=4&spage=289).

Bu:2011:POB

- [408] Lei Bu and Xuandong Li. Path-oriented bounded reachability analysis of composed linear hybrid systems. *International Journal on Software Tools for Technology Transfer (STTT)*, 13(4):307–317, August 2011. CODEN ???? ISSN 1433-2779 (print), 1433-2787 (electronic). URL [http://www.springerlink.com/openurl.
 asp?genre=article&issn=1433-2779&
 volume=13&issue=4&spage=307](http://www.springerlink.com/openurl.asp?genre=article&issn=1433-2779&volume=13&issue=4&spage=307).

Sebastiani:2011:SSE

- [409] Roberto Sebastiani, Stefano Tonetta, and Moshe Y. Vardi. Symbolic systems, explicit properties: on hybrid approaches for LTL symbolic model checking. *International Journal on Software Tools for Technology Transfer (STTT)*, 13(4):319–335, August 2011. CODEN ???? ISSN 1433-2779 (print), 1433-2787 (electronic). URL <http://www.springerlink.com/openurl>.

[asp?genre=article&issn=1433-2779&
 volume=13&issue=4&spage=319](http://www.springerlink.com/openurl.asp?genre=article&issn=1433-2779&volume=13&issue=4&spage=319).

Lisboa:2011:TTD

- [410] Liana Barachisio Lisboa, Vinicius Cardoso Garcia, Eduardo Santana de Almeida, and Silvio Romero de Lemos Meira. ToolDay: a tool for domain analysis. *International Journal on Software Tools for Technology Transfer (STTT)*, 13(4):337–353, August 2011. CODEN ???? ISSN 1433-2779 (print), 1433-2787 (electronic). URL [http://www.springerlink.com/openurl.
 asp?genre=article&issn=1433-2779&
 volume=13&issue=4&spage=337](http://www.springerlink.com/openurl.asp?genre=article&issn=1433-2779&volume=13&issue=4&spage=337).

Guo:2011:FBT

- [411] Qiang Guo and John Derrick. Formally based tool support for model checking Erlang applications. *International Journal on Software Tools for Technology Transfer (STTT)*, 13(4):355–376, August 2011. CODEN ???? ISSN 1433-2779 (print), 1433-2787 (electronic). URL [http://www.springerlink.com/openurl.
 asp?genre=article&issn=1433-2779&
 volume=13&issue=4&spage=355](http://www.springerlink.com/openurl.asp?genre=article&issn=1433-2779&volume=13&issue=4&spage=355).

Brukman:2011:ROP

- [412] Olga Brukman and Shlomi Dolev. Recovery oriented programming: runtime monitoring of safety and liveness. *International Journal on Software Tools for Technology Transfer (STTT)*, 13(4):377–395, August 2011. CODEN ???? ISSN 1433-2779 (print), 1433-2787 (electronic). URL [http://www.springerlink.com/openurl.
 asp?genre=article&issn=1433-2779&
 volume=13&issue=4&spage=377](http://www.springerlink.com/openurl.asp?genre=article&issn=1433-2779&volume=13&issue=4&spage=377).

Filliatre:2011:DSV

- [413] Jean-Christophe Filliâtre. Deductive software verification. *International Journal on Software Tools for Technology Transfer (STTT)*, 13(5):397–403, October 2011. CODEN ???? ISSN 1433-2779 (print), 1433-2787 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=1433-2779&volume=13&issue=5&spage=397>.

Cuoq:2011:FDC

- [414] Pascal Cuoq, Benjamin Monate, Anne Pacalet, and Virgile Prevosto. Functional dependencies of C functions via weakest pre-conditions. *International Journal on Software Tools for Technology Transfer (STTT)*, 13(5):405–417, October 2011. CODEN ???? ISSN 1433-2779 (print), 1433-2787 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=1433-2779&volume=13&issue=5&spage=405>.

Weber:2011:SSN

- [415] Tjark Weber. SMT solvers: new oracles for the HOL theorem prover. *International Journal on Software Tools for Technology Transfer (STTT)*, 13(5):419–429, October 2011. CODEN ???? ISSN 1433-2779 (print), 1433-2787 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=1433-2779&volume=13&issue=5&spage=419>.

Castillos:2011:SBT

- [416] Kalou Cabrera Castillos, Frédéric Dadeau, and Jacques Julliard. Scenario-based testing from UML/OCL behavioral models: Application to POSIX

compliance. *International Journal on Software Tools for Technology Transfer (STTT)*, 13(5):431–448, October 2011. CODEN ???? ISSN 1433-2779 (print), 1433-2787 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=1433-2779&volume=13&issue=5&spage=431>.

Ishii:2011:IBS

- [417] Daisuke Ishii, Kazunori Ueda, and Hiroshi Hosobe. An interval-based SAT modulo ODE solver for model checking nonlinear hybrid systems. *International Journal on Software Tools for Technology Transfer (STTT)*, 13(5):449–461, October 2011. CODEN ???? ISSN 1433-2779 (print), 1433-2787 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=1433-2779&volume=13&issue=5&spage=449>.

Freitas:2011:FMS

- [418] Leo Freitas and John McDermott. Formal methods for security in the Xenon hypervisor. *International Journal on Software Tools for Technology Transfer (STTT)*, 13(5):463–489, October 2011. CODEN ???? ISSN 1433-2779 (print), 1433-2787 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=1433-2779&volume=13&issue=5&spage=463>.

Jones:2011:PSS

- [419] Neil D. Jones and Markus Müller-Olm. Preface to a special section on verification, model checking, and abstract interpretation. *International Journal on Software Tools for Technology Transfer (STTT)*, 13(6):491–493, November 2011. CO-

DEN ??? ISSN 1433-2779 (print), 1433-2787 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=1433-2779&volume=13&issue=6&spage=491>.

Kidd:2011:FCR

- [420] Nicholas Kidd, Thomas Reps, Julian Dolby, and Mandana Vaziri. Finding concurrency-related bugs using random isolation. *International Journal on Software Tools for Technology Transfer (STTT)*, 13(6):495–518, November 2011. CODEN ??? ISSN 1433-2779 (print), 1433-2787 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=1433-2779&volume=13&issue=6&spage=495>.

Taly:2011:SSL

- [421] Ankur Taly, Sumit Gulwani, and Ashish Tiwari. Synthesizing switching logic using constraint solving. *International Journal on Software Tools for Technology Transfer (STTT)*, 13(6):519–535, November 2011. CODEN ??? ISSN 1433-2779 (print), 1433-2787 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=1433-2779&volume=13&issue=6&spage=519>.

Etessami:2011:AAM

- [422] Kousha Etessami and Patrice Godefroid. An abort-aware model of transactional programming. *International Journal on Software Tools for Technology Transfer (STTT)*, 13(6):537–551, November 2011. CODEN ??? ISSN 1433-2779 (print), 1433-2787 (electronic). URL <http://www.springerlink.com/openurl>.

<http://www.springerlink.com/openurl.asp?genre=article&issn=1433-2779&volume=13&issue=6&spage=537>.

Rutkowski:2011:APP

- [423] Michal Rutkowski, Ranko Lazić, and Marcin Jurdziński. Average-price-per-reward games on hybrid automata with strong resets. *International Journal on Software Tools for Technology Transfer (STTT)*, 13(6):553–569, November 2011. CODEN ??? ISSN 1433-2779 (print), 1433-2787 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=1433-2779&volume=13&issue=6&spage=553>.

Godefroid:2011:LGM

- [424] Patrice Godefroid and Nir Piterman. LTL generalized model checking revisited. *International Journal on Software Tools for Technology Transfer (STTT)*, 13(6):571–584, November 2011. CODEN ??? ISSN 1433-2779 (print), 1433-2787 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=1433-2779&volume=13&issue=6&spage=571>.

Laviron:2011:SFN

- [425] Vincent Laviron and Francesco Logozzo. SubPolyhedra: a family of numerical abstract domains for the (more) scalable inference of linear inequalities. *International Journal on Software Tools for Technology Transfer (STTT)*, 13(6):585–601, November 2011. CODEN ??? ISSN 1433-2779 (print), 1433-2787 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=1433-2779&volume=13&issue=6&spage=585>.

Sharygina:2012:ARA

- [426] Natasha Sharygina, Stefano Tonetta, and Aliaksei Tsitovich. An abstraction refinement approach combining precise and approximated techniques. *International Journal on Software Tools for Technology Transfer (STTT)*, 14(1):1–14, February 2012. CODEN ???? ISSN 1433-2779 (print), 1433-2787 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=1433-2779&volume=14&issue=1&spage=1>.

Ghamarian:2012:MAU

- [427] Amir Hossein Ghamarian, Maarten de Mol, Arend Rensink, Eduardo Zambon, and Maria Zimakova. Modelling and analysis using GROOVE. *International Journal on Software Tools for Technology Transfer (STTT)*, 14(1):15–40, February 2012. CODEN ???? ISSN 1433-2779 (print), 1433-2787 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=1433-2779&volume=14&issue=1&spage=15>.

Katz:2012:CAP

- [428] Shmuel Katz and David Faitelson. The Common Aspect Proof Environment. *International Journal on Software Tools for Technology Transfer (STTT)*, 14(1):41–52, February 2012. CODEN ???? ISSN 1433-2779 (print), 1433-2787 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=1433-2779&volume=14&issue=1&spage=41>.

Basu:2012:SAM

- [429] Ananda Basu, Saddek Bensalem, Marius Bozga, Benoît Delahaye, and Axel

Legay. Statistical abstraction and model-checking of large heterogeneous systems. *International Journal on Software Tools for Technology Transfer (STTT)*, 14(1):53–72, February 2012. CODEN ???? ISSN 1433-2779 (print), 1433-2787 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=1433-2779&volume=14&issue=1&spage=53>.

Denise:2012:CBR

- [430] Alain Denise, Marie-Claude Gaudel, Sandrine-Dominique Gouraud, Richard Lassaigne, Johan Oudinet, et al. Coverage-biased random exploration of large models and application to testing. *International Journal on Software Tools for Technology Transfer (STTT)*, 14(1):73–93, February 2012. CODEN ???? ISSN 1433-2779 (print), 1433-2787 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=1433-2779&volume=14&issue=1&spage=73>.

Safe:2012:SFV

- [431] Georgia Penido Safe, Claudionor Coelho, Luiz Filipe M. Vieira, Celina Gomes Do Val, Jose Augusto Nacif, et al. Selection of formal verification heuristics for parallel execution. *International Journal on Software Tools for Technology Transfer (STTT)*, 14(1):95–108, February 2012. CODEN ???? ISSN 1433-2779 (print), 1433-2787 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=1433-2779&volume=14&issue=1&spage=95>.

Abdulla:2012:RMCa

- [432] Parosh Aziz Abdulla. Regular model

checking. *International Journal on Software Tools for Technology Transfer (STTT)*, 14(2):109–118, April 2012. CODEN ???? ISSN 1433-2779 (print), 1433-2787 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=1433-2779&volume=14&issue=2&spage=109>.

Legacy:2012:EOB

- [433] Axel Legacy. Extrapolating (omega-)regular model checking. *International Journal on Software Tools for Technology Transfer (STTT)*, 14(2):119–143, April 2012. CODEN ???? ISSN 1433-2779 (print), 1433-2787 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=1433-2779&volume=14&issue=2&spage=119>.

Bouajjani:2012:WTR

- [434] Ahmed Bouajjani and Tayssir Touili. Widening techniques for regular tree model checking. *International Journal on Software Tools for Technology Transfer (STTT)*, 14(2):145–165, April 2012. CODEN ???? ISSN 1433-2779 (print), 1433-2787 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=1433-2779&volume=14&issue=2&spage=145>.

Bouajjani:2012:ART

- [435] Ahmed Bouajjani, Peter Habermehl, Adam Rogalewicz, and Tomas Vojnar. Abstract regular (tree) model checking. *International Journal on Software Tools for Technology Transfer (STTT)*, 14(2):167–191, April 2012. CODEN ???? ISSN 1433-2779 (print), 1433-2787 (electronic). URL <http://www.springerlink.com/openurl>.

<http://www.springerlink.com/openurl.asp?genre=article&issn=1433-2779&volume=14&issue=2&spage=167>.

Boigelot:2012:DSR

- [436] Bernard Boigelot. Domain-specific regular acceleration. *International Journal on Software Tools for Technology Transfer (STTT)*, 14(2):193–206, April 2012. CODEN ???? ISSN 1433-2779 (print), 1433-2787 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=1433-2779&volume=14&issue=2&spage=193>.

Delzanno:2012:LRM

- [437] Giorgio Delzanno and Ahmed Rezine. A lightweight regular model checking approach for parameterized systems. *International Journal on Software Tools for Technology Transfer (STTT)*, 14(2):207–222, April 2012. CODEN ???? ISSN 1433-2779 (print), 1433-2787 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=1433-2779&volume=14&issue=2&spage=207>.

Abdulla:2012:RMCb

- [438] Parosh Aziz Abdulla, Bengt Jonsson, Marcus Nilsson, Julien d’Orso, and Mayank Saksena. Regular model checking for LTL(MSO). *International Journal on Software Tools for Technology Transfer (STTT)*, 14(2):223–241, April 2012. CODEN ???? ISSN 1433-2779 (print), 1433-2787 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=1433-2779&volume=14&issue=2&spage=223>.

Sokolsky:2012:ISS

- [439] Oleg Sokolsky, Klaus Havelund, and Insup Lee. Introduction to the special section on runtime verification. *International Journal on Software Tools for Technology Transfer (STTT)*, 14(3):243–247, June 2012. CODEN ????? ISSN 1433-2779 (print), 1433-2787 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=1433-2779&volume=14&issue=3&spage=243>.

Meredith:2012:OMR

- [440] Patrick O’Neil Meredith, Dongyun Jin, Dennis Griffith, Feng Chen, and Grigore Rosu. An overview of the MOP runtime verification framework. *International Journal on Software Tools for Technology Transfer (STTT)*, 14(3):249–289, June 2012. CODEN ????? ISSN 1433-2779 (print), 1433-2787 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=1433-2779&volume=14&issue=3&spage=249>.

Qadeer:2012:RVC

- [441] Shaz Qadeer and Serdar Tasiran. Runtime verification of concurrency-specific correctness criteria. *International Journal on Software Tools for Technology Transfer (STTT)*, 14(3):291–305, June 2012. CODEN ????? ISSN 1433-2779 (print), 1433-2787 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=1433-2779&volume=14&issue=3&spage=291>.

Bodden:2012:CFH

- [442] Eric Bodden and Laurie Hendren. The Clara framework for hybrid typestate

analysis. *International Journal on Software Tools for Technology Transfer (STTT)*, 14(3):307–326, June 2012. CODEN ????? ISSN 1433-2779 (print), 1433-2787 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=1433-2779&volume=14&issue=3&spage=307>.

Huang:2012:SMC

- [443] Xiaowan Huang, Justin Seyster, Sean Callanan, Ketan Dixit, Radu Grosu, Scott A. Smolka, Scott D. Stoller, and Erez Zadok. Software monitoring with controllable overhead. *International Journal on Software Tools for Technology Transfer (STTT)*, 14(3):327–347, June 2012. CODEN ????? ISSN 1433-2779 (print), 1433-2787 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=1433-2779&volume=14&issue=3&spage=327>.

Falcone:2012:WCY

- [444] Yliès Falcone, Jean-Claude Fernandez, and Laurent Mounier. What can you verify and enforce at runtime? *International Journal on Software Tools for Technology Transfer (STTT)*, 14(3):349–382, June 2012. CODEN ????? ISSN 1433-2779 (print), 1433-2787 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=1433-2779&volume=14&issue=3&spage=349>.

Petrenko:2012:MBT

- [445] Alexandre Petrenko, Adenilso Simao, and José Carlos Maldonado. Model-based testing of software and systems: recent advances and challenges. *International Journal on Software Tools*

for *Technology Transfer (STTT)*, 14(4):383–386, August 2012. CODEN ???? ISSN 1433-2779 (print), 1433-2787 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=1433-2779&volume=14&issue=4&spage=383>.

Veanes:2012:ASI

- [446] Margus Veanes and Nikolaj Bjørner. Alternating simulation and IOCO. *International Journal on Software Tools for Technology Transfer (STTT)*, 14(4):387–405, August 2012. CODEN ???? ISSN 1433-2779 (print), 1433-2787 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=1433-2779&volume=14&issue=4&spage=387>.

Falcone:2012:MTP

- [447] Yliès Falcone, Jean-Claude Fernandez, Thierry Jérón, Hervé Marchand, and Laurent Mounier. More testable properties. *International Journal on Software Tools for Technology Transfer (STTT)*, 14(4):407–437, August 2012. CODEN ???? ISSN 1433-2779 (print), 1433-2787 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=1433-2779&volume=14&issue=4&spage=407>.

Gladisch:2012:MGQ

- [448] Christoph D. Gladisch. Model generation for quantified formulas with application to test data generation. *International Journal on Software Tools for Technology Transfer (STTT)*, 14(4):439–459, August 2012. CODEN ???? ISSN 1433-2779 (print), 1433-2787 (electronic). URL <http://www.springerlink.com/openurl>.

[asp?genre=article&issn=1433-2779&volume=14&issue=4&spage=439](http://www.springerlink.com/openurl.asp?genre=article&issn=1433-2779&volume=14&issue=4&spage=439).

Vergilio:2012:MOO

- [449] Silvia Regina Vergilio, Aurora Pozo, João Carlos Garcia Árias, Rafael da Veiga Cabral, and Tiago Nobre. Multi-objective optimization algorithms applied to the class integration and test order problem. *International Journal on Software Tools for Technology Transfer (STTT)*, 14(4):461–475, August 2012. CODEN ???? ISSN 1433-2779 (print), 1433-2787 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=1433-2779&volume=14&issue=4&spage=461>.

Schaefer:2012:SDS

- [450] Ina Schaefer, Rick Rabiser, Dave Clarke, Lorenzo Bettini, David Benavides, Goetz Botterweck, Animesh Pathak, Salvador Trujillo, and Karina Villela. Software diversity: state of the art and perspectives. *International Journal on Software Tools for Technology Transfer (STTT)*, 14(5):477–495, October 2012. CODEN ???? ISSN 1433-2779 (print), 1433-2787 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=1433-2779&volume=14&issue=5&spage=477>.

Pleuss:2012:VVC

- [451] Andreas Pleuss and Goetz Botterweck. Visualization of variability and configuration options. *International Journal on Software Tools for Technology Transfer (STTT)*, 14(5):497–510, October 2012. CODEN ???? ISSN 1433-2779 (print), 1433-2787 (electronic). URL <http://www.springerlink.com/openurl>.

asp?genre=article&issn=1433-2779&volume=14&issue=5&spage=497.

Jorges:2012:CBV

- [452] Sven Jörges, Anna-Lena Lamprecht, Tiziana Margaria, Ina Schaefer, and Bernhard Steffen. A constraint-based variability modeling framework. *International Journal on Software Tools for Technology Transfer (STTT)*, 14(5):511–530, October 2012. CODEN ????. ISSN 1433-2779 (print), 1433-2787 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=1433-2779&volume=14&issue=5&spage=511>.

Tartler:2012:RRC

- [453] Reinhard Tartler, Julio Sincero, Christian Dietrich, Wolfgang Schröder-Preikschat, and Daniel Lohmann. Revealing and repairing configuration inconsistencies in large-scale system software. *International Journal on Software Tools for Technology Transfer (STTT)*, 14(5):531–551, October 2012. CODEN ????. ISSN 1433-2779 (print), 1433-2787 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=1433-2779&volume=14&issue=5&spage=531>.

Heymans:2012:CTA

- [454] Patrick Heymans, Quentin Boucher, Andreas Classen, Arnaud Bourdoux, and Laurent Demonceau. A code tagging approach to software product line development: an application to satellite communication libraries. *International Journal on Software Tools for Technology Transfer (STTT)*, 14(5):553–566, October 2012. CODEN ????. ISSN 1433-2779 (print),

1433-2787 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=1433-2779&volume=14&issue=5&spage=553>.

Wong:2012:ATS

- [455] Peter Y. H. Wong, Elvira Albert, Radu Muschevici, José Proença, Jan Schäfer, and Rudolf Schlatte. The ABS tool suite: modelling, executing and analysing distributed adaptable object-oriented systems. *International Journal on Software Tools for Technology Transfer (STTT)*, 14(5):567–588, October 2012. CODEN ????. ISSN 1433-2779 (print), 1433-2787 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=1433-2779&volume=14&issue=5&spage=567>.

Classen:2012:MCS

- [456] Andreas Classen, Maxime Cordy, Patrick Heymans, Axel Legay, and Pierre-Yves Schobbens. Model checking software product lines with SNIP. *International Journal on Software Tools for Technology Transfer (STTT)*, 14(5):589–612, October 2012. CODEN ????. ISSN 1433-2779 (print), 1433-2787 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=1433-2779&volume=14&issue=5&spage=589>.

Heider:2012:FEP

- [457] Wolfgang Heider, Rick Rabiser, and Paul Grünbacher. Facilitating the evolution of products in product line engineering by capturing and replaying configuration decisions. *International Journal on Software Tools for Technology Transfer (STTT)*, 14

(5):613–630, October 2012. CODEN ???? ISSN 1433-2779 (print), 1433-2787 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=1433-2779&volume=14&issue=5&spage=613>.

Liu:2012:RSV

- [458] Zhiming Liu and Abhik Roychoudhury. Relating software validation to technology trends. *International Journal on Software Tools for Technology Transfer (STTT)*, 14(6):631–638, November 2012. CODEN ???? ISSN 1433-2779 (print), 1433-2787 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=1433-2779&volume=14&issue=6&spage=631>.

Pan:2012:TAM

- [459] Minxue Pan and Xuandong Li. Timing analysis of MSC specifications with asynchronous concatenation. *International Journal on Software Tools for Technology Transfer (STTT)*, 14(6):639–651, November 2012. CODEN ???? ISSN 1433-2779 (print), 1433-2787 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=1433-2779&volume=14&issue=6&spage=639>.

Chen:2012:FMV

- [460] Chunqing Chen, Jun Sun, Yang Liu, Jin Song Dong, and Manchun Zheng. Formal modeling and validation of Stateflow diagrams. *International Journal on Software Tools for Technology Transfer (STTT)*, 14(6):653–671, November 2012. CODEN ???? ISSN 1433-2779 (print), 1433-2787 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=1433-2779&volume=14&issue=6&spage=653>.

[//www.springerlink.com/openurl.asp?genre=article&issn=1433-2779&volume=14&issue=6&spage=653](http://www.springerlink.com/openurl.asp?genre=article&issn=1433-2779&volume=14&issue=6&spage=653).

Gomes:2012:CMB

- [461] Adriano Gomes, Alexandre Mota, Augusto Sampaio, Felipe Ferri, and Edson Watanabe. Constructive model-based analysis for safety assessment. *International Journal on Software Tools for Technology Transfer (STTT)*, 14(6):673–702, November 2012. CODEN ???? ISSN 1433-2779 (print), 1433-2787 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=1433-2779&volume=14&issue=6&spage=673>.

David:2012:CVR

- [462] Alexandre David, Kim. G. Larsen, Axel Legay, Mikael H. Møller, Ulrik Nyman, Anders P. Ravn, Arne Skou, and Andrzej Wasowski. Compositional verification of real-time systems using Ecdar. *International Journal on Software Tools for Technology Transfer (STTT)*, 14(6):703–720, November 2012. CODEN ???? ISSN 1433-2779 (print), 1433-2787 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=1433-2779&volume=14&issue=6&spage=703>.

Lisper:2013:ATP

- [463] Björn Lisper. The ALL-TIMES project: introduction and overview. *International Journal on Software Tools for Technology Transfer (STTT)*, 15(1):1–8, February 2013. CODEN ???? ISSN 1433-2779 (print), 1433-2787 (electronic). URL <http://link.springer.com/article/10.1007/s10009-012-0265-7>.

Merriam:2013:MTM

- [464] Nicholas Merriam, Peter Gliwa, and Ian Broster. Measurement and tracing methods for timing analysis. *International Journal on Software Tools for Technology Transfer (STTT)*, 15(1):9–28, February 2013. CODEN ???? ISSN 1433-2779 (print), 1433-2787 (electronic). URL <http://link.springer.com/article/10.1007/s10009-012-0266-6>.

Heckmann:2013:AET

- [465] Reinhold Heckmann, Christian Ferdinand, Daniel Kästner, and Stefana Nenova. Architecture exploration and timing estimation during early design phases. *International Journal on Software Tools for Technology Transfer (STTT)*, 15(1):29–39, February 2013. CODEN ???? ISSN 1433-2779 (print), 1433-2787 (electronic). URL <http://link.springer.com/article/10.1007/s10009-012-0248-8>.

Schreiner:2013:CTB

- [466] Dietmar Schreiner, Gergő Barany, Markus Schordan, and Jens Knoop. Comparison of type-based and alias-based component recognition for embedded systems software. *International Journal on Software Tools for Technology Transfer (STTT)*, 15(1):41–52, February 2013. CODEN ???? ISSN 1433-2779 (print), 1433-2787 (electronic). URL <http://link.springer.com/article/10.1007/s10009-012-0251-0>.

Lisper:2013:PEA

- [467] Björn Lisper, Andreas Ermedahl, Dietmar Schreiner, Jens Knoop, and Peter Gliwa. Practical experiences of ap-

plying source-level WCET flow analysis to industrial code. *International Journal on Software Tools for Technology Transfer (STTT)*, 15(1):53–63, February 2013. CODEN ???? ISSN 1433-2779 (print), 1433-2787 (electronic). URL <http://link.springer.com/article/10.1007/s10009-012-0255-9>.

Merriam:2013:EPI

- [468] Nicholas Merriam and Björn Lisper. Estimation of productivity increase for timing analysis tool chains. *International Journal on Software Tools for Technology Transfer (STTT)*, 15(1):65–84, February 2013. CODEN ???? ISSN 1433-2779 (print), 1433-2787 (electronic). URL <http://link.springer.com/article/10.1007/s10009-012-0262-x>.

Abdulla:2013:TSV

- [469] Parosh Aziz Abdulla and K. Rustan M. Leino. Tools for software verification. *International Journal on Software Tools for Technology Transfer (STTT)*, 15(2):85–88, April 2013. CODEN ???? ISSN 1433-2779 (print), 1433-2787 (electronic). URL <http://link.springer.com/article/10.1007/s10009-013-0270-5>.

Garavel:2013:CTC

- [470] Hubert Garavel, Frédéric Lang, Radu Mateescu, and Wendelin Serwe. CADP 2011: a toolbox for the construction and analysis of distributed processes. *International Journal on Software Tools for Technology Transfer (STTT)*, 15(2):89–107, April 2013. CODEN ???? ISSN 1433-2779 (print), 1433-2787 (electronic). URL <http://link.springer.com/article/10.1007/s10009-012-0244-z>.

Tsay:2013:BSO

- [471] Yih-Kuen Tsay, Ming-Hsien Tsai, Jinn-Shu Chang, Yi-Wen Chang, and Chi-Shiang Liu. Büchi Store: an open repository of ω -automata. *International Journal on Software Tools for Technology Transfer (STTT)*, 15(2):109–123, April 2013. CODEN ???? ISSN 1433-2779 (print), 1433-2787 (electronic). URL <http://link.springer.com/article/10.1007/s10009-012-0268-4>.

Marques:2013:MCW

- [472] Abinoam P. Marques Jr., Anders P. Ravn, Jiri Srba, and Saleem Vighio. Model-checking Web services business activity protocols. *International Journal on Software Tools for Technology Transfer (STTT)*, 15(2):125–147, April 2013. CODEN ???? ISSN 1433-2779 (print), 1433-2787 (electronic). URL <http://link.springer.com/article/10.1007/s10009-012-0231-4>.

Bensalem:2013:RED

- [473] Saddek Bensalem, Axel Legay, and Marius Bozga. Rigorous embedded design: challenges and perspectives. *International Journal on Software Tools for Technology Transfer (STTT)*, 15(3):149–154, June 2013. CODEN ???? ISSN 1433-2779 (print), 1433-2787 (electronic). URL <http://link.springer.com/article/10.1007/s10009-013-0271-4>.

Lampka:2013:CBS

- [474] Kai Lampka, Simon Perathoner, and Lothar Thiele. Component-based system design: analytic real-time interfaces for state-based component implementations. *International Journal on Software Tools for Technology*

Transfer (STTT), 15(3):155–170, June 2013. CODEN ???? ISSN 1433-2779 (print), 1433-2787 (electronic). URL <http://link.springer.com/article/10.1007/s10009-012-0257-7>.

Rox:2013:CPA

- [475] Jonas Rox and Rolf Ernst. Compositional performance analysis with improved analysis techniques for obtaining viable end-to-end latencies in distributed embedded systems. *International Journal on Software Tools for Technology Transfer (STTT)*, 15(3):171–187, June 2013. CODEN ???? ISSN 1433-2779 (print), 1433-2787 (electronic). URL <http://link.springer.com/article/10.1007/s10009-012-0260-z>.

Craciunas:2013:TIR

- [476] Silviu S. Craciunas, Christoph M. Kirsch, Hannes Payer, Harald Röck, and Ana Sokolova. Temporal isolation in real-time systems: the VBS approach. *International Journal on Software Tools for Technology Transfer (STTT)*, 15(3):189–209, June 2013. CODEN ???? ISSN 1433-2779 (print), 1433-2787 (electronic). URL <http://link.springer.com/article/10.1007/s10009-012-0246-x>.

Le:2013:TAB

- [477] Thi Thieu Hoa Le, Luigi Palopoli, Roberto Passerone, and Yusi Ramadian. Timed-automata based schedulability analysis for distributed firm real-time systems: a case study. *International Journal on Software Tools for Technology Transfer (STTT)*, 15(3):211–228, June 2013. CODEN ???? ISSN 1433-2779 (print), 1433-2787 (electronic). URL <http://link.springer.com/article/10.1007/s10009-012-0246-x>.

com/article/10.1007/s10009-012-0245-y.

Assayad:2013:TEB

- [478] Ismail Assayad, Alain Girault, and Hamoudi Kalla. Tradeoff exploration between reliability, power consumption, and execution time for embedded systems. *International Journal on Software Tools for Technology Transfer (STTT)*, 15(3):229–245, June 2013. CODEN ???? ISSN 1433-2779 (print), 1433-2787 (electronic). URL <http://link.springer.com/article/10.1007/s10009-012-0263-9>.

Maler:2013:MPA

- [479] Oded Maler and Dejan Nicković. Monitoring properties of analog and mixed-signal circuits. *International Journal on Software Tools for Technology Transfer (STTT)*, 15(3):247–268, June 2013. CODEN ???? ISSN 1433-2779 (print), 1433-2787 (electronic). URL <http://link.springer.com/article/10.1007/s10009-012-0247-9>.

Houben:2013:MTS

- [480] Fred Houben, Georgeta Igna, and Frits Vaandrager. Modeling task systems using parameterized partial orders. *International Journal on Software Tools for Technology Transfer (STTT)*, 15(3):269–286, June 2013. CODEN ???? ISSN 1433-2779 (print), 1433-2787 (electronic). URL <http://link.springer.com/article/10.1007/s10009-012-0264-8>.

Kowalewski:2013:MCA

- [481] Stefan Kowalewski, Anna Philippou, and Jörg Brauer. Model checking and abstract interpretation as build-

ing blocks of advanced program analysis techniques. *International Journal on Software Tools for Technology Transfer (STTT)*, 15(4):287–289, August 2013. CODEN ???? ISSN 1433-2779 (print), 1433-2787 (electronic). URL <http://link.springer.com/article/10.1007/s10009-013-0280-3>; <http://link.springer.com/content/pdf/10.1007/s10009-013-0280-3.pdf>.

Gupta:2013:TP

- [482] Ashutosh Kumar Gupta, Rupak Majumdar, and Andrey Rybalchenko. From tests to proofs. *International Journal on Software Tools for Technology Transfer (STTT)*, 15(4):291–303, August 2013. CODEN ???? ISSN 1433-2779 (print), 1433-2787 (electronic). URL <http://link.springer.com/article/10.1007/s10009-012-0267-5>.

Plaku:2013:FLS

- [483] Erion Plaku, Lydia E. Kavradi, and Moshe Y. Vardi. Falsification of LTL safety properties in hybrid systems. *International Journal on Software Tools for Technology Transfer (STTT)*, 15(4):305–320, August 2013. CODEN ???? ISSN 1433-2779 (print), 1433-2787 (electronic). URL <http://link.springer.com/article/10.1007/s10009-012-0233-2>.

Kahlon:2013:SAC

- [484] Vineet Kahlon, Sriram Sankaranarayanan, and Aarti Gupta. Static analysis for concurrent programs with applications to data race detection. *International Journal on Software Tools for Technology Transfer (STTT)*, 15(4):321–336, August 2013. CODEN ???? ISSN 1433-2779 (print), 1433-2787 (elec-

tronic). URL <http://link.springer.com/article/10.1007/s10009-013-0274-1>.

Nguyen:2013:SDI

- [485] Viet Yen Nguyen and Theo C. Ruys. Selected dynamic issues in software model checking. *International Journal on Software Tools for Technology Transfer (STTT)*, 15(4):337–362, August 2013. CODEN ????? ISSN 1433-2779 (print), 1433-2787 (electronic). URL <http://link.springer.com/article/10.1007/s10009-012-0261-y>.

Bombino:2013:MDC

- [486] Massimo Bombino and Patrizia Scandurra. A model-driven co-simulation environment for heterogeneous systems. *International Journal on Software Tools for Technology Transfer (STTT)*, 15(4):363–374, August 2013. CODEN ????? ISSN 1433-2779 (print), 1433-2787 (electronic). URL <http://link.springer.com/article/10.1007/s10009-012-0230-5>.

Abdelhalim:2013:IFC

- [487] Islam Abdelhalim, Steve Schneider, and Helen Treharne. An integrated framework for checking the behaviour of fUML models using CSP. *International Journal on Software Tools for Technology Transfer (STTT)*, 15(4):375–396, August 2013. CODEN ????? ISSN 1433-2779 (print), 1433-2787 (electronic). URL <http://link.springer.com/article/10.1007/s10009-012-0243-0>.

Bodik:2013:APS

- [488] Rastislav Bodik and Barbara Jobstmann. Algorithmic program synthesis: introduction. *International Journal on*

Software Tools for Technology Transfer (STTT), 15(5–6):397–411, October 2013. CODEN ????? ISSN 1433-2779 (print), 1433-2787 (electronic). URL <http://link.springer.com/article/10.1007/s10009-013-0287-9>.

Vechev:2013:AGS

- [489] Martin Vechev, Eran Yahav, and Greta Yorsh. Abstraction-guided synthesis of synchronization. *International Journal on Software Tools for Technology Transfer (STTT)*, 15(5–6):413–431, October 2013. CODEN ????? ISSN 1433-2779 (print), 1433-2787 (electronic). URL <http://link.springer.com/article/10.1007/s10009-012-0232-3>.

Sohail:2013:SFT

- [490] Saqib Sohail and Fabio Somenzi. Safety first: a two-stage algorithm for the synthesis of reactive systems. *International Journal on Software Tools for Technology Transfer (STTT)*, 15(5–6):433–454, October 2013. CODEN ????? ISSN 1433-2779 (print), 1433-2787 (electronic). URL <http://link.springer.com/article/10.1007/s10009-012-0224-3>.

Kuncak:2013:FSL

- [491] Viktor Kuncak, Mikaël Mayer, Ruzica Piskac, and Philippe Suter. Functional synthesis for linear arithmetic and sets. *International Journal on Software Tools for Technology Transfer (STTT)*, 15(5–6):455–474, October 2013. CODEN ????? ISSN 1433-2779 (print), 1433-2787 (electronic). URL <http://link.springer.com/article/10.1007/s10009-011-0217-7>.

Solar-Lezama:2013:PS

- [492] Armando Solar-Lezama. Program sketching. *International Journal on Software Tools for Technology Transfer (STTT)*, 15(5–6):475–495, October 2013. CODEN ???? ISSN 1433-2779 (print), 1433-2787 (electronic). URL <http://link.springer.com/article/10.1007/s10009-012-0249-7>.

Srivastava:2013:TBP

- [493] Saurabh Srivastava, Sumit Gulwani, and Jeffrey S. Foster. Template-based program verification and program synthesis. *International Journal on Software Tools for Technology Transfer (STTT)*, 15(5–6):497–518, October 2013. CODEN ???? ISSN 1433-2779 (print), 1433-2787 (electronic). URL <http://link.springer.com/article/10.1007/s10009-012-0223-4>.

Finkbeiner:2013:BS

- [494] Bernd Finkbeiner and Sven Schewe. Bounded synthesis. *International Journal on Software Tools for Technology Transfer (STTT)*, 15(5–6):519–539, October 2013. CODEN ???? ISSN 1433-2779 (print), 1433-2787 (electronic). URL <http://link.springer.com/article/10.1007/s10009-012-0228-z>.

Filiot:2013:ESL

- [495] Emmanuel Filiot, Naiyong Jin, and Jean-François Raskin. Exploiting structure in LTL synthesis. *International Journal on Software Tools for Technology Transfer (STTT)*, 15(5–6):541–561, October 2013. CODEN ???? ISSN 1433-2779 (print), 1433-2787 (electronic). URL <http://link.springer.com/article/10.1007/s10009-012-0236-z>.

[com/article/10.1007/s10009-012-0222-5](http://link.springer.com/article/10.1007/s10009-012-0222-5).

Könighofer:2013:DFS

- [496] Robert Könighofer, Georg Hofferek, and Roderick Bloem. Debugging formal specifications: a practical approach using model-based diagnosis and counterstrategies. *International Journal on Software Tools for Technology Transfer (STTT)*, 15(5–6):563–583, October 2013. CODEN ???? ISSN 1433-2779 (print), 1433-2787 (electronic). URL <http://link.springer.com/article/10.1007/s10009-011-0221-y>.

Godhal:2013:SAA

- [497] Yashdeep Godhal, Krishnendu Chatterjee, and Thomas A. Henzinger. Synthesis of AMBA AHB from formal specification: a case study. *International Journal on Software Tools for Technology Transfer (STTT)*, 15(5–6):585–601, October 2013. CODEN ???? ISSN 1433-2779 (print), 1433-2787 (electronic). URL <http://link.springer.com/article/10.1007/s10009-011-0207-9>.

Lustig:2013:SCL

- [498] Yoad Lustig and Moshe Y. Vardi. Synthesis from component libraries. *International Journal on Software Tools for Technology Transfer (STTT)*, 15(5–6):603–618, October 2013. CODEN ???? ISSN 1433-2779 (print), 1433-2787 (electronic). URL <http://link.springer.com/article/10.1007/s10009-012-0236-z>.

Bensalem:2014:VVM

- [499] Saddek Bensalem, Klaus Havelund, and Andrea Orlandini. Verification and validation meet planning and schedul-

ing. *International Journal on Software Tools for Technology Transfer (STTT)*, 16(1):1–12, February 2014. CODEN ????. ISSN 1433-2779 (print), 1433-2787 (electronic). URL <http://link.springer.com/article/10.1007/s10009-013-0294-x>.

Goldman:2014:LAT

- [500] Robert P. Goldman, Michael J. S. Pelican, and David J. Musliner. A loop acceleration technique to speed up verification of automatically generated plans. *International Journal on Software Tools for Technology Transfer (STTT)*, 16(1):13–29, February 2014. CODEN ????. ISSN 1433-2779 (print), 1433-2787 (electronic). URL <http://link.springer.com/article/10.1007/s10009-013-0284-z>.

Crampton:2014:AWS

- [501] Jason Crampton, Michael Huth, and Jim Huan-Pu Kuo. Authorized workflow schemas: deciding realizability through LTL(F) model checking. *International Journal on Software Tools for Technology Transfer (STTT)*, 16(1):31–48, February 2014. CODEN ????. ISSN 1433-2779 (print), 1433-2787 (electronic). URL <http://link.springer.com/article/10.1007/s10009-012-0269-3>.

Razavi:2014:GET

- [502] Niloofar Razavi, Azadeh Farzan, and Sheila A. McIlraith. Generating effective tests for concurrent programs via AI automated planning techniques. *International Journal on Software Tools for Technology Transfer (STTT)*, 16(1):49–65, February 2014. CODEN ????. ISSN 1433-2779 (print), 1433-2787 (electronic). URL

<http://link.springer.com/article/10.1007/s10009-013-0277-y>.

Snyder:2014:OSS

- [503] Jason Snyder, Deepan Seeralan, Shereef Sayed, Jeffery Wilson, Carl B. Dietrich, Stephen H. Edwards, and Jeffrey H. Reed. Open source software-defined radio tools for education, research, and rapid prototyping. *International Journal on Software Tools for Technology Transfer (STTT)*, 16(1):67–80, February 2014. CODEN ????. ISSN 1433-2779 (print), 1433-2787 (electronic). URL <http://link.springer.com/article/10.1007/s10009-012-0241-2>.

Muhlberg:2014:SOC

- [504] Jan Tobias Mühlberg and Gerald Lüttgen. Symbolic object code analysis. *International Journal on Software Tools for Technology Transfer (STTT)*, 16(1):81–102, February 2014. CODEN ????. ISSN 1433-2779 (print), 1433-2787 (electronic). URL <http://link.springer.com/article/10.1007/s10009-012-0256-8>.

Collavizza:2014:CBB

- [505] H el ene Collavizza, Nguyen Le Vinh, Olivier Ponsini, Michel Rueher, and Antoine Rollet. Constraint-based BMC: a backjumping strategy. *International Journal on Software Tools for Technology Transfer (STTT)*, 16(1):103–121, February 2014. CODEN ????. ISSN 1433-2779 (print), 1433-2787 (electronic). URL <http://link.springer.com/article/10.1007/s10009-012-0258-6>.

Flanagan:2014:DAV

- [506] Cormac Flanagan and Barbara K onig. Developments in automated verifica-

tion techniques. *International Journal on Software Tools for Technology Transfer (STTT)*, 16(2):123–125, April 2014. CODEN ???? ISSN 1433-2779 (print), 1433-2787 (electronic). URL <http://link.springer.com/article/10.1007/s10009-013-0297-7>.

Bouajjani:2014:BPA

- [507] Ahmed Bouajjani and Michael Emmi. Bounded phase analysis of message-passing programs. *International Journal on Software Tools for Technology Transfer (STTT)*, 16(2):127–146, April 2014. CODEN ???? ISSN 1433-2779 (print), 1433-2787 (electronic). URL <http://link.springer.com/article/10.1007/s10009-013-0276-z>.

Song:2014:PMC

- [508] Fu Song and Tayssir Touili. Push-down model checking for malware detection. *International Journal on Software Tools for Technology Transfer (STTT)*, 16(2):147–173, April 2014. CODEN ???? ISSN 1433-2779 (print), 1433-2787 (electronic). URL <http://link.springer.com/article/10.1007/s10009-013-0290-1>.

Cox:2014:BTP

- [509] Arlen Cox, Sriram Sankaranarayanan, and Bor-Yuh Evan Chang. A bit too precise? Verification of quantized digital filters. *International Journal on Software Tools for Technology Transfer (STTT)*, 16(2):175–190, April 2014. CODEN ???? ISSN 1433-2779 (print), 1433-2787 (electronic). URL <http://link.springer.com/article/10.1007/s10009-013-0279-9>.

Jiang:2014:CLV

- [510] Zhihao Jiang, Miroslav Pajic, Rajeev Alur, and Rahul Mangharam. Closed-loop verification of medical devices with model abstraction and refinement. *International Journal on Software Tools for Technology Transfer (STTT)*, 16(2):191–213, April 2014. CODEN ???? ISSN 1433-2779 (print), 1433-2787 (electronic). URL <http://link.springer.com/article/10.1007/s10009-013-0289-7>.

Grabowski:2014:HSR

- [511] Jens Grabowski, Ina Schieferdecker, and Andreas Ulrich. History, status, and recent trends of the testing and test control notation version 3 (TTCN-3). *International Journal on Software Tools for Technology Transfer (STTT)*, 16(3):215–225, June 2014. CODEN ???? ISSN 1433-2779 (print), 1433-2787 (electronic). URL <http://link.springer.com/article/10.1007/s10009-014-0302-9>.

Makedonski:2014:QET

- [512] Philip Makedonski, Jens Grabowski, and Florian Philipp. Quantifying the evolution of TTCN-3 as a language. *International Journal on Software Tools for Technology Transfer (STTT)*, 16(3):227–246, June 2014. CODEN ???? ISSN 1433-2779 (print), 1433-2787 (electronic). URL <http://link.springer.com/article/10.1007/s10009-013-0282-1>.

Grossmann:2014:THS

- [513] Juergen Grossmann. Testing hybrid systems with TTCN-3 embedded. *International Journal on Software Tools for Technology Transfer*

(*STTT*), 16(3):247–267, June 2014. CODEN ????. ISSN 1433-2779 (print), 1433-2787 (electronic). URL <http://link.springer.com/article/10.1007/s10009-013-0283-0>.

Stepien:2014:IEI

- [514] Bernard Stepien and Liam Peyton. Innovation and evolution in integrated web application testing with TTCN-3. *International Journal on Software Tools for Technology Transfer (STTT)*, 16(3):269–283, June 2014. CODEN ????. ISSN 1433-2779 (print), 1433-2787 (electronic). URL <http://link.springer.com/article/10.1007/s10009-013-0278-x>.

Zeiss:2014:CTS

- [515] Benjamin Zeiss, Andras Kovacs, Nikolay Pakulin, and Bogdan Stanca-Kaposta. A conformance test suite for TTCN-3 tools. *International Journal on Software Tools for Technology Transfer (STTT)*, 16(3):285–294, June 2014. CODEN ????. ISSN 1433-2779 (print), 1433-2787 (electronic). URL <http://link.springer.com/article/10.1007/s10009-013-0285-y>.

Rings:2014:GIT

- [516] Thomas Rings, Patrick Poglitsch, Stephan Schulz, Luca Serazio, and Theofanis Vassiliou-Gioles. A generic interoperability testing framework and a systematic development process for automated interoperability testing. *International Journal on Software Tools for Technology Transfer (STTT)*, 16(3):295–313, June 2014. CODEN ????. ISSN 1433-2779 (print), 1433-2787 (electronic). URL <http://link.springer.com/article/10.1007/s10009-013-0281-2>.

Alnusair:2014:RBD

- [517] Awny Alnusair, Tian Zhao, and Gongjun Yan. Rule-based detection of design patterns in program code. *International Journal on Software Tools for Technology Transfer (STTT)*, 16(3):315–334, June 2014. CODEN ????. ISSN 1433-2779 (print), 1433-2787 (electronic). URL <http://link.springer.com/article/10.1007/s10009-013-0292-z>.

Margaria:2014:PVT

- [518] Tiziana Margaria, Zongyan Qiu, and Hongli Yang. Program verification and testing technologies. *International Journal on Software Tools for Technology Transfer (STTT)*, 16(4):335–337, August 2014. CODEN ????. ISSN 1433-2779 (print), 1433-2787 (electronic). URL <http://link.springer.com/article/10.1007/s10009-014-0327-0>.

Fang:2014:FVS

- [519] Huixing Fang, Jianqi Shi, Huibiao Zhu, Jian Guo, Kim Guldstrand Larsen, and Alexandre David. Formal verification and simulation for platform screen doors and collision avoidance in subway control systems. *International Journal on Software Tools for Technology Transfer (STTT)*, 16(4):339–361, August 2014. CODEN ????. ISSN 1433-2779 (print), 1433-2787 (electronic). URL <http://link.springer.com/article/10.1007/s10009-014-0318-1>.

Gherghina:2014:EPV

- [520] Cristian Gherghina, Cristina David, Shengchao Qin, and Wei-Ngan Chin. Expressive program verification via structured specifications. *International*

Journal on Software Tools for Technology Transfer (STTT), 16(4):363–380, August 2014. CODEN ???? ISSN 1433-2779 (print), 1433-2787 (electronic). URL <http://link.springer.com/article/10.1007/s10009-014-0306-5>.

Ferreira:2014:AVF

- [521] João F. Ferreira, Cristian Gherghina, Guanhua He, Shengchao Qin, and Wei-Ngan Chin. Automated verification of the FreeRTOS scheduler in Hip/Sleek. *International Journal on Software Tools for Technology Transfer (STTT)*, 16(4):381–397, August 2014. CODEN ???? ISSN 1433-2779 (print), 1433-2787 (electronic). URL <http://link.springer.com/article/10.1007/s10009-014-0307-4>.

Jarraya:2014:QQA

- [522] Yosr Jarraya and Mourad Debbabi. Quantitative and qualitative analysis of SysML activity diagrams. *International Journal on Software Tools for Technology Transfer (STTT)*, 16(4):399–419, August 2014. CODEN ???? ISSN 1433-2779 (print), 1433-2787 (electronic). URL <http://link.springer.com/article/10.1007/s10009-014-0305-6>.

Yuksel:2014:QMA

- [523] Ender Yüksel, Hanne Riis Nielson, Flemming Nielson, Huibiao Zhu, and Heqing Huang. Quantitative modelling and analysis of a Chinese smart grid: a stochastic model checking case study. *International Journal on Software Tools for Technology Transfer (STTT)*, 16(4):421–435, August 2014. CODEN ???? ISSN 1433-2779 (print), 1433-2787 (electronic). URL

<http://link.springer.com/article/10.1007/s10009-014-0311-8>.

Guo:2014:MBT

- [524] Hai-Feng Guo and Mahadevan Subramaniam. Model-based test generation using extended symbolic grammars. *International Journal on Software Tools for Technology Transfer (STTT)*, 16(4):437–455, August 2014. CODEN ???? ISSN 1433-2779 (print), 1433-2787 (electronic). URL <http://link.springer.com/article/10.1007/s10009-014-0316-3>.

Howar:2014:RER

- [525] Falk Howar, Malte Isberner, Maik Merten, Bernhard Steffen, Dirk Beyer, and Corina S. Pasareanu. Rigorous examination of reactive systems. *International Journal on Software Tools for Technology Transfer (STTT)*, 16(5):457–464, October 2014. CODEN ???? ISSN 1433-2779 (print), 1433-2787 (electronic). URL <http://link.springer.com/article/10.1007/s10009-014-0337-y>.

Steffen:2014:PDB

- [526] Bernhard Steffen, Malte Isberner, Stefan Naujokat, Tiziana Margaria, and Maren Geske. Property-driven benchmark generation: synthesizing programs of realistic structure. *International Journal on Software Tools for Technology Transfer (STTT)*, 16(5):465–479, October 2014. CODEN ???? ISSN 1433-2779 (print), 1433-2787 (electronic). URL <http://link.springer.com/article/10.1007/s10009-014-0336-z>.

vandePol:2014:TBF

- [527] Jaco van de Pol, Theo C. Ruys, and Steven te Brinke. Thoughtful brute-

force attack of the RERS 2012 and 2013 Challenges. *International Journal on Software Tools for Technology Transfer (STTT)*, 16(5):481–491, October 2014. CODEN ???? ISSN 1433-2779 (print), 1433-2787 (electronic). URL <http://link.springer.com/article/10.1007/s10009-014-0324-3>.

Schordan:2014:CSA

- [528] Markus Schordan and Adrian Prantl. Combining static analysis and state transition graphs for verification of event-condition-action systems in the RERS 2012 and 2013 Challenges. *International Journal on Software Tools for Technology Transfer (STTT)*, 16(5):493–505, October 2014. CODEN ???? ISSN 1433-2779 (print), 1433-2787 (electronic). URL <http://link.springer.com/article/10.1007/s10009-014-0338-x>.

Beyer:2014:BBS

- [529] Dirk Beyer and Andreas Stahlbauer. BDD-based software verification. *International Journal on Software Tools for Technology Transfer (STTT)*, 16(5):507–518, October 2014. CODEN ???? ISSN 1433-2779 (print), 1433-2787 (electronic). URL <http://link.springer.com/article/10.1007/s10009-014-0334-1>.

Morse:2014:ASB

- [530] Jeremy Morse, Lucas Cordeiro, Denis Nicole, and Bernd Fischer. Applying symbolic bounded model checking to the 2012 RERS Greybox Challenge. *International Journal on Software Tools for Technology Transfer (STTT)*, 16(5):519–529, October 2014. CODEN ???? ISSN 1433-2779 (print), 1433-2787 (electronic). URL

<http://link.springer.com/article/10.1007/s10009-014-0335-0>.

Bauer:2014:APB

- [531] Oliver Bauer, Maren Geske, and Malte Isberner. Analyzing program behavior through active automata learning. *International Journal on Software Tools for Technology Transfer (STTT)*, 16(5):531–542, October 2014. CODEN ???? ISSN 1433-2779 (print), 1433-2787 (electronic). URL <http://link.springer.com/article/10.1007/s10009-014-0333-2>.

Steffen:2014:TGC

- [532] Bernhard Steffen, Falk Howar, Malte Isberner, Stefan Naujokat, and Tiziana Margaria. Tailored generation of concurrent benchmarks. *International Journal on Software Tools for Technology Transfer (STTT)*, 16(5):543–558, October 2014. CODEN ???? ISSN 1433-2779 (print), 1433-2787 (electronic). URL <http://link.springer.com/article/10.1007/s10009-014-0339-9>.

Felderer:2014:TRB

- [533] Michael Felderer and Ina Schieferdecker. A taxonomy of risk-based testing. *International Journal on Software Tools for Technology Transfer (STTT)*, 16(5):559–568, October 2014. CODEN ???? ISSN 1433-2779 (print), 1433-2787 (electronic). URL <http://link.springer.com/article/10.1007/s10009-014-0332-3>.

Neubauer:2014:RBT

- [534] Johannes Neubauer, Stephan Windmüller, and Bernhard Steffen. Risk-based testing via active continuous quality control. *International Journal on*

Software Tools for Technology Transfer (STTT), 16(5):569–591, October 2014. CODEN ????? ISSN 1433-2779 (print), 1433-2787 (electronic). URL <http://link.springer.com/article/10.1007/s10009-014-0321-6>.

Carrozza:2014:DTP

- [535] Gabriella Carrozza, Roberto Pietrantuono, and Stefano Russo. Dynamic test planning: a study in an industrial context. *International Journal on Software Tools for Technology Transfer (STTT)*, 16(5):593–607, October 2014. CODEN ????? ISSN 1433-2779 (print), 1433-2787 (electronic). URL <http://link.springer.com/article/10.1007/s10009-014-0319-0>.

Felderer:2014:MCS

- [536] Michael Felderer and Rudolf Ramler. A multiple case study on risk-based testing in industry. *International Journal on Software Tools for Technology Transfer (STTT)*, 16(5):609–625, October 2014. CODEN ????? ISSN 1433-2779 (print), 1433-2787 (electronic). URL <http://link.springer.com/article/10.1007/s10009-014-0328-z>.

Erdogan:2014:ACU

- [537] Gencer Erdogan, Yan Li, Ragnhild Kobbro Runde, Fredrik Seehusen, and Ketil Stølen. Approaches for the combined use of risk analysis and testing: a systematic literature review. *International Journal on Software Tools for Technology Transfer (STTT)*, 16(5):627–642, October 2014. CODEN ????? ISSN 1433-2779 (print), 1433-2787 (electronic). URL <http://link.springer.com/article/10.1007/s10009-014-0330-5>.

Fantechi:2014:FMR

- [538] Alessandro Fantechi, Francesco Flammini, and Stefania Gnesi. Formal methods for railway control systems. *International Journal on Software Tools for Technology Transfer (STTT)*, 16(6):643–646, November 2014. CODEN ????? ISSN 1433-2779 (print), 1433-2787 (electronic). URL <http://link.springer.com/article/10.1007/s10009-014-0342-1>.

Ferrari:2014:CDS

- [539] Alessio Ferrari, Giorgio O. Spagnolo, Giacomo Martelli, and Simone Menabeni. From commercial documents to system requirements: an approach for the engineering of novel CBTC solutions. *International Journal on Software Tools for Technology Transfer (STTT)*, 16(6):647–667, November 2014. CODEN ????? ISSN 1433-2779 (print), 1433-2787 (electronic). URL <http://link.springer.com/article/10.1007/s10009-013-0298-6>.

Marrone:2014:TMD

- [540] Stefano Marrone, Francesco Flammini, Nicola Mazzocca, Roberto Nardone, and Valeria Vittorini. Towards model-driven V&V assessment of railway control systems. *International Journal on Software Tools for Technology Transfer (STTT)*, 16(6):669–683, November 2014. CODEN ????? ISSN 1433-2779 (print), 1433-2787 (electronic). URL <http://link.springer.com/article/10.1007/s10009-014-0320-7>.

James:2014:TMV

- [541] Phillip James, Faron Moller, Hoang Nga Nguyen, Markus Roggenbach, Steve

Schneider, and Helen Treharne. Techniques for modelling and verifying railway interlockings. *International Journal on Software Tools for Technology Transfer (STTT)*, 16(6):685–711, November 2014. CODEN ???? ISSN 1433-2779 (print), 1433-2787 (electronic). URL <http://link.springer.com/article/10.1007/s10009-014-0304-7>.

Haxthausen:2014:AGF

- [542] Anne E. Haxthausen. Automated generation of formal safety conditions from railway interlocking tables. *International Journal on Software Tools for Technology Transfer (STTT)*, 16(6):713–726, November 2014. CODEN ???? ISSN 1433-2779 (print), 1433-2787 (electronic). URL <http://link.springer.com/article/10.1007/s10009-013-0295-9>.

Galler:2014:STD

- [543] Stefan J. Galler and Bernhard K. Aichernig. Survey on test data generation tools. *International Journal on Software Tools for Technology Transfer (STTT)*, 16(6):727–751, November 2014. CODEN ???? ISSN 1433-2779 (print), 1433-2787 (electronic). URL <http://link.springer.com/article/10.1007/s10009-013-0272-3>.

Quer:2014:MCE

- [544] Stefano Quer. Model checking evaluation of airplane landing trajectories. *International Journal on Software Tools for Technology Transfer (STTT)*, 16(6):753–773, November 2014. CODEN ???? ISSN 1433-2779 (print), 1433-2787 (electronic). URL <http://link.springer.com/article/10.1007/s10009-013-0273-2>.

Nilsson:2015:AEI

- [545] Agneta Nilsson, Laura M. Castro, Samuel Rivas, and Thomas Arts. Assessing the effects of introducing a new software development process: a methodological description. *International Journal on Software Tools for Technology Transfer (STTT)*, 17(1):1–16, February 2015. CODEN ???? ISSN 1433-2779 (print), 1433-2787 (electronic). URL <http://link.springer.com/article/10.1007/s10009-013-0275-0>.

David:2015:RTS

- [546] Alexandre David, Kim G. Larsen, Axel Legay, Ulrik Nyman, Louis-Marie Traonouez, and Andrzej Wasowski. Real-time specifications. *International Journal on Software Tools for Technology Transfer (STTT)*, 17(1):17–45, February 2015. CODEN ???? ISSN 1433-2779 (print), 1433-2787 (electronic). URL <http://link.springer.com/article/10.1007/s10009-013-0286-x>.

Chen:2015:TPL

- [547] Hong Yi Chen, Shaked Flur, and Supratik Mukhopadhyay. Termination proofs for linear simple loops. *International Journal on Software Tools for Technology Transfer (STTT)*, 17(1):47–57, February 2015. CODEN ???? ISSN 1433-2779 (print), 1433-2787 (electronic). URL <http://link.springer.com/article/10.1007/s10009-013-0288-8>.

Shafique:2015:SRS

- [548] Muhammad Shafique and Yvan Labiche. A systematic review of state-based test tools. *International Journal on Software Tools for Technology Trans-*

fer (STTT), 17(1):59–76, February 2015. CODEN ???? ISSN 1433-2779 (print), 1433-2787 (electronic). URL <http://link.springer.com/article/10.1007/s10009-013-0291-0>.

Pulungan:2015:CMS

- [549] Reza Pulungan and Holger Hermanns. A construction and minimization service for continuous probability distributions. *International Journal on Software Tools for Technology Transfer (STTT)*, 17(1):77–90, February 2015. CODEN ???? ISSN 1433-2779 (print), 1433-2787 (electronic). URL <http://link.springer.com/article/10.1007/s10009-013-0296-8>.

Lincke:2015:FPG

- [550] Daniel Lincke, Sibylle Schupp, and Cezar Ionescu. Functional prototypes for generic C++ libraries: a transformational approach based on higher-order, typed signatures. *International Journal on Software Tools for Technology Transfer (STTT)*, 17(1):91–105, February 2015. CODEN ???? ISSN 1433-2779 (print), 1433-2787 (electronic). URL <http://link.springer.com/article/10.1007/s10009-014-0299-0>.

Wong:2015:TAB

- [551] Peter Y. H. Wong, Richard Bubel, Frank S. de Boer, Miguel Gómez-Zamalloa, Stijn de Gouw, Reiner Hähnle, Karl Meinke, and Muddassar Azam Sindhu. Testing abstract behavioral specifications. *International Journal on Software Tools for Technology Transfer (STTT)*, 17(1):107–119, February 2015. CODEN ???? ISSN 1433-2779 (print), 1433-2787 (electronic). URL <http://link.springer.com/article/10.1007/s10009-014-0301-x>.

[com/article/10.1007/s10009-014-0301-x](http://link.springer.com/article/10.1007/s10009-014-0301-x).

Falcone:2015:RVA

- [552] Yliès Falcone and Lenore D. Zuck. Runtime verification: the application perspective. *International Journal on Software Tools for Technology Transfer (STTT)*, 17(2):121–123, April 2015. CODEN ???? ISSN 1433-2779 (print), 1433-2787 (electronic). URL <http://link.springer.com/article/10.1007/s10009-014-0360-z>.

Halle:2015:PRM

- [553] Sylvain Hallé, Jason Vallet, and Raphaël Tremblay-Lessard. On piggyback runtime monitoring of object-oriented programs. *International Journal on Software Tools for Technology Transfer (STTT)*, 17(2):125–142, April 2015. CODEN ???? ISSN 1433-2779 (print), 1433-2787 (electronic). URL <http://link.springer.com/article/10.1007/s10009-014-0326-1>.

Havelund:2015:RBR

- [554] Klaus Havelund. Rule-based runtime verification revisited. *International Journal on Software Tools for Technology Transfer (STTT)*, 17(2):143–170, April 2015. CODEN ???? ISSN 1433-2779 (print), 1433-2787 (electronic). URL <http://link.springer.com/article/10.1007/s10009-014-0309-2>.

Nouri:2015:SMC

- [555] Ayoub Nouri, Saddek Bensalem, Marius Bozga, Benoit Delahaye, Cyrille Jégourel, and Axel Legay. Statistical model checking QoS properties of systems with SBIP. *International Journal on Software Tools for Technology*

Transfer (STTT), 17(2):171–185, April 2015. CODEN ???? ISSN 1433-2779 (print), 1433-2787 (electronic). URL <http://link.springer.com/article/10.1007/s10009-014-0313-6>.

David:2015:SHR

- [556] Alexandre David, Kim G. Larsen, Axel Legay, and Marius Mikucionis. Schedulability of Herschel revisited using statistical model checking. *International Journal on Software Tools for Technology Transfer (STTT)*, 17(2):187–199, April 2015. CODEN ???? ISSN 1433-2779 (print), 1433-2787 (electronic). URL <http://link.springer.com/article/10.1007/s10009-014-0331-4>.

Salva:2015:AAA

- [557] Sébastien Salva and Stassia R. Zafimiharisoa. APSET, an Android aPplication SEcurity Testing tool for detecting intent-based vulnerabilities. *International Journal on Software Tools for Technology Transfer (STTT)*, 17(2):201–221, April 2015. CODEN ???? ISSN 1433-2779 (print), 1433-2787 (electronic). URL <http://link.springer.com/article/10.1007/s10009-014-0303-8>.

Wang:2015:MCF

- [558] Farn Wang. Model-checking fair dense-time systems with propositions and events. *International Journal on Software Tools for Technology Transfer (STTT)*, 17(2):223–243, April 2015. CODEN ???? ISSN 1433-2779 (print), 1433-2787 (electronic). URL <http://link.springer.com/article/10.1007/s10009-014-0312-7>.

Felderer:2015:PMS

- [559] Michael Felderer and Basel Katt. A process for mastering security evolution in the development lifecycle. *International Journal on Software Tools for Technology Transfer (STTT)*, 17(3):245–250, June 2015. CODEN ???? ISSN 1433-2779 (print), 1433-2787 (electronic). URL <http://link.springer.com/article/10.1007/s10009-015-0371-4>.

Refsdal:2015:SRA

- [560] Atle Refsdal, Bjørnar Solhaug, and Ketil Stølen. Security risk analysis of system changes exemplified within the oil and gas domain. *International Journal on Software Tools for Technology Transfer (STTT)*, 17(3):251–266, June 2015. CODEN ???? ISSN 1433-2779 (print), 1433-2787 (electronic). URL <http://link.springer.com/article/10.1007/s10009-014-0351-0>.

Burger:2015:RSE

- [561] Jens Bürger, Jan Jürjens, and Sven Wenzel. Restoring security of evolving software models using graph transformation. *International Journal on Software Tools for Technology Transfer (STTT)*, 17(3):267–289, June 2015. CODEN ???? ISSN 1433-2779 (print), 1433-2787 (electronic). URL <http://link.springer.com/article/10.1007/s10009-014-0364-8>.

Vanoverberghe:2015:PIC

- [562] Dries Vanoverberghe and Frank Piessens. Policy ignorant caller-side inline reference monitoring. *International Journal on Software Tools for Technology Transfer (STTT)*, 17(3):291–303, June 2015. CODEN ???? ISSN 1433-2779

(print), 1433-2787 (electronic). URL <http://link.springer.com/article/10.1007/s10009-014-0348-8>.

Felderer:2015:SCS

- [563] Michael Felderer and Elizabetha Fourneret. A systematic classification of security regression testing approaches. *International Journal on Software Tools for Technology Transfer (STTT)*, 17(3):305–319, June 2015. CODEN ???? ISSN 1433-2779 (print), 1433-2787 (electronic). URL <http://link.springer.com/article/10.1007/s10009-015-0365-2>.

Turner:2015:WQD

- [564] Kenneth J. Turner and Paul S. Lambert. Workflows for quantitative data analysis in the social sciences. *International Journal on Software Tools for Technology Transfer (STTT)*, 17(3):321–338, June 2015. CODEN ???? ISSN 1433-2779 (print), 1433-2787 (electronic). URL <http://link.springer.com/article/10.1007/s10009-014-0315-4>.

Anielak:2015:ITC

- [565] Grzegorz Anielak, Grzegorz Jakacki, and Slawomir Lasota. Incremental test case generation using bounded model checking: an application to automatic rating. *International Journal on Software Tools for Technology Transfer (STTT)*, 17(3):339–349, June 2015. CODEN ???? ISSN 1433-2779 (print), 1433-2787 (electronic). URL <http://link.springer.com/article/10.1007/s10009-014-0317-2>; <http://link.springer.com/content/pdf/10.1007/s10009-014-0317-2.pdf>.

David:2015:SMC

- [566] Alexandre David, Kim G. Larsen, Axel Legay, Marius Mikucionis, Danny Bøgsted Poulsen, and Sean Sedwards. Statistical model checking for biological systems. *International Journal on Software Tools for Technology Transfer (STTT)*, 17(3):351–367, June 2015. CODEN ???? ISSN 1433-2779 (print), 1433-2787 (electronic). URL <http://link.springer.com/article/10.1007/s10009-014-0323-4>.

Legay:2015:SMC

- [567] Axel Legay and Mahesh Viswanathan. Statistical model checking: challenges and perspectives. *International Journal on Software Tools for Technology Transfer (STTT)*, 17(4):369–376, August 2015. CODEN ???? ISSN 1433-2779 (print), 1433-2787 (electronic). URL <http://link.springer.com/article/10.1007/s10009-015-0384-z>.

Reijsbergen:2015:HTS

- [568] Daniël Reijsbergen, Pieter-Tjerk de Boer, Werner Scheinhardt, and Boudewijn Haverkort. On hypothesis testing for statistical model checking. *International Journal on Software Tools for Technology Transfer (STTT)*, 17(4):377–395, August 2015. CODEN ???? ISSN 1433-2779 (print), 1433-2787 (electronic). URL <http://link.springer.com/article/10.1007/s10009-014-0350-1>.

David:2015:UST

- [569] Alexandre David, Kim G. Larsen, Axel Legay, Marius Mikucionis, and Danny Bøgsted Poulsen. Uppaal SMC tutorial. *International Journal on*

Software Tools for Technology Transfer (STTT), 17(4):397–415, August 2015. CODEN ????. ISSN 1433-2779 (print), 1433-2787 (electronic). URL <http://link.springer.com/article/10.1007/s10009-014-0361-y>.

Roohi:2015:SMC

- [570] Nima Roohi and Mahesh Viswanathan. Statistical model checking for unbounded until formulas. *International Journal on Software Tools for Technology Transfer (STTT)*, 17(4):417–427, August 2015. CODEN ????. ISSN 1433-2779 (print), 1433-2787 (electronic). URL <http://link.springer.com/article/10.1007/s10009-015-0368-z>.

Hartmanns:2015:SSM

- [571] Arnd Hartmanns and Mark Timmer. Sound statistical model checking for MDP using partial order and confluence reduction. *International Journal on Software Tools for Technology Transfer (STTT)*, 17(4):429–456, August 2015. CODEN ????. ISSN 1433-2779 (print), 1433-2787 (electronic). URL <http://link.springer.com/article/10.1007/s10009-014-0349-7>.

Lassaigne:2015:APV

- [572] Richard Lassaigne and Sylvain Peyronnet. Approximate planning and verification for large Markov decision processes. *International Journal on Software Tools for Technology Transfer (STTT)*, 17(4):457–467, August 2015. CODEN ????. ISSN 1433-2779 (print), 1433-2787 (electronic). URL <http://link.springer.com/article/10.1007/s10009-014-0344-z>.

DArgenio:2015:SSL

- [573] Pedro D’Argenio, Axel Legay, Sean Sedwards, and Louis-Marie Traonouez. Smart sampling for lightweight verification of Markov decision processes. *International Journal on Software Tools for Technology Transfer (STTT)*, 17(4):469–484, August 2015. CODEN ????. ISSN 1433-2779 (print), 1433-2787 (electronic). URL <http://link.springer.com/article/10.1007/s10009-015-0383-0>.

Ellen:2015:SMC

- [574] Christian Ellen, Sebastian Gerwinn, and Martin Fränzle. Statistical model checking for stochastic hybrid systems involving nondeterminism over continuous domains. *International Journal on Software Tools for Technology Transfer (STTT)*, 17(4):485–504, August 2015. CODEN ????. ISSN 1433-2779 (print), 1433-2787 (electronic). URL <http://link.springer.com/article/10.1007/s10009-014-0329-y>.

Ballarini:2015:AOT

- [575] Paolo Ballarini. Analysing oscillatory trends of discrete-state stochastic processes through HASL statistical model checking. *International Journal on Software Tools for Technology Transfer (STTT)*, 17(4):505–526, August 2015. CODEN ????. ISSN 1433-2779 (print), 1433-2787 (electronic). URL <http://link.springer.com/article/10.1007/s10009-015-0370-5>.

Zuliani:2015:SMC

- [576] Paolo Zuliani. Statistical model checking for biological applications. *International Journal on Software Tools for Technology Transfer (STTT)*, 17(4):

527–536, August 2015. CODEN ???? ISSN 1433-2779 (print), 1433-2787 (electronic). URL <http://link.springer.com/article/10.1007/s10009-014-0343-0>.

Chakraborty:2015:MSM

- [577] Souymodip Chakraborty, Joost-Pieter Katoen, Falak Sher, and Martin Strelec. Modelling and statistical model checking of a microgrid. *International Journal on Software Tools for Technology Transfer (STTT)*, 17(4):537–554, August 2015. CODEN ???? ISSN 1433-2779 (print), 1433-2787 (electronic). URL <http://link.springer.com/article/10.1007/s10009-014-0345-y>.

Gnesi:2015:SSI

- [578] Stefania Gnesi and Stan Jarzabek. Special section on the 17th International Software Product Line Conference. *International Journal on Software Tools for Technology Transfer (STTT)*, 17(5):555–557, October 2015. CODEN ???? ISSN 1433-2779 (print), 1433-2787 (electronic). URL <http://link.springer.com/article/10.1007/s10009-015-0386-x>.

Eichelberger:2015:MDS

- [579] Holger Eichelberger and Klaus Schmid. Mapping the design-space of textual variability modeling languages: a refined analysis. *International Journal on Software Tools for Technology Transfer (STTT)*, 17(5):559–584, October 2015. CODEN ???? ISSN 1433-2779 (print), 1433-2787 (electronic). URL <http://link.springer.com/article/10.1007/s10009-014-0362-x>.

Filho:2015:GCM

- [580] João Bosco Ferreira Filho and Olivier Barais. Generating counterexamples of model-based software product lines. *International Journal on Software Tools for Technology Transfer (STTT)*, 17(5):585–600, October 2015. CODEN ???? ISSN 1433-2779 (print), 1433-2787 (electronic). URL <http://link.springer.com/article/10.1007/s10009-014-0341-2>.

Haber:2015:SSD

- [581] Arne Haber and Katrin Hölldobler. Systematic synthesis of delta modeling languages. *International Journal on Software Tools for Technology Transfer (STTT)*, 17(5):601–626, October 2015. CODEN ???? ISSN 1433-2779 (print), 1433-2787 (electronic). URL <http://link.springer.com/article/10.1007/s10009-015-0387-9>.

Rubin:2015:CPV

- [582] Julia Rubin and Krzysztof Czarnecki. Cloned product variants: from ad-hoc to managed software product lines. *International Journal on Software Tools for Technology Transfer (STTT)*, 17(5):627–646, October 2015. CODEN ???? ISSN 1433-2779 (print), 1433-2787 (electronic). URL <http://link.springer.com/article/10.1007/s10009-014-0347-9>.

Huisman:2015:V

- [583] Marieke Huisman and Vladimir Klebanov. VerifyThis 2012. *International Journal on Software Tools for Technology Transfer (STTT)*, 17(6):647–657, November 2015. CODEN ???? ISSN 1433-2779 (print), 1433-2787 (electronic). URL <http://link.springer.com/article/10.1007/s10009-014-0347-9>.

com/article/10.1007/s10009-015-0396-8.

Jacobs:2015:SVC

- [584] Bart Jacobs, Jan Smans, and Frank Piessens. Solving the VerifyThis 2012 challenges with VeriFast. *International Journal on Software Tools for Technology Transfer (STTT)*, 17(6):659–676, November 2015. CODEN ???? ISSN 1433-2779 (print), 1433-2787 (electronic). URL <http://link.springer.com/article/10.1007/s10009-014-0310-9>.

Ernst:2015:KOV

- [585] Gidon Ernst and Jörg Pfähler. KIV: overview and VerifyThis competition. *International Journal on Software Tools for Technology Transfer (STTT)*, 17(6):677–694, November 2015. CODEN ???? ISSN 1433-2779 (print), 1433-2787 (electronic). URL <http://link.springer.com/article/10.1007/s10009-014-0308-3>.

Hoang:2015:SG

- [586] Duc Hoang, Yannick Moy, and Angela Wallenburg. SPARK 2014 and GNATprove. *International Journal on Software Tools for Technology Transfer (STTT)*, 17(6):695–707, November 2015. CODEN ???? ISSN 1433-2779 (print), 1433-2787 (electronic). URL <http://link.springer.com/article/10.1007/s10009-014-0322-5>.

Bobot:2015:LVW

- [587] François Bobot and Jean-Christophe Filliâtre. Let’s verify this with Why3. *International Journal on Software Tools for Technology Transfer (STTT)*, 17(6):709–727, November 2015. CODEN ???? ISSN 1433-2779

(print), 1433-2787 (electronic). URL <http://link.springer.com/article/10.1007/s10009-014-0314-5>.

Bruns:2015:ILV

- [588] Daniel Bruns and Wojciech Mostowski. Implementation-level verification of algorithms with KeY. *International Journal on Software Tools for Technology Transfer (STTT)*, 17(6):729–744, November 2015. CODEN ???? ISSN 1433-2779 (print), 1433-2787 (electronic). URL <http://link.springer.com/article/10.1007/s10009-013-0293-y>.

Tschannen:2015:AMS

- [589] Julian Tschannen and Carlo A. Furia. AutoProof meets some verification challenges. *International Journal on Software Tools for Technology Transfer (STTT)*, 17(6):745–755, November 2015. CODEN ???? ISSN 1433-2779 (print), 1433-2787 (electronic). URL <http://link.springer.com/article/10.1007/s10009-014-0300-y>.

Blom:2015:WEM

- [590] Stefan Blom and Marieke Huisman. Witnessing the elimination of magic wands. *International Journal on Software Tools for Technology Transfer (STTT)*, 17(6):757–781, November 2015. CODEN ???? ISSN 1433-2779 (print), 1433-2787 (electronic). URL <http://link.springer.com/article/10.1007/s10009-015-0372-3>; <http://link.springer.com/content/pdf/10.1007/s10009-015-0372-3.pdf>.

Pezze:2016:MDG

- [591] Mauro Pezzé and Jochen Wuttke.

Model-driven generation of runtime checks for system properties. *International Journal on Software Tools for Technology Transfer (STTT)*, 18(1): 1–19, February 2016. CODEN ???? ISSN 1433-2779 (print), 1433-2787 (electronic). URL <http://link.springer.com/article/10.1007/s10009-014-0325-2>.

Hendriks:2016:BSL

- [592] Martijn Hendriks and Twan Basten. A blueprint for system-level performance modeling of software-intensive embedded systems. *International Journal on Software Tools for Technology Transfer (STTT)*, 18(1):21–40, February 2016. CODEN ???? ISSN 1433-2779 (print), 1433-2787 (electronic). URL <http://link.springer.com/article/10.1007/s10009-014-0340-3>.

Wehrle:2016:DPR

- [593] Martin Wehrle and Sebastian Kupferschmid. Downward pattern refinement for timed automata. *International Journal on Software Tools for Technology Transfer (STTT)*, 18(1):41–56, February 2016. CODEN ???? ISSN 1433-2779 (print), 1433-2787 (electronic). URL <http://link.springer.com/article/10.1007/s10009-014-0346-x>; <http://link.springer.com/content/pdf/10.1007/s10009-014-0346-x.pdf>.

Inoue:2016:GSL

- [594] Takeru Inoue, Hiroaki Iwashita, and Jun Kawahara. Graphillion: software library for very large sets of labeled graphs. *International Journal on Software Tools for Technology Transfer (STTT)*, 18(1):57–66, February 2016. CODEN ???? ISSN 1433-2779 (print),

1433-2787 (electronic). URL <http://link.springer.com/article/10.1007/s10009-014-0352-z>; <http://link.springer.com/content/pdf/10.1007/s10009-014-0352-z.pdf>.

Quesel:2016:HMP

- [595] Jan-David Quesel, Stefan Mitsch, and Sarah Loos. How to model and prove hybrid systems with KeYmaera: a tutorial on safety. *International Journal on Software Tools for Technology Transfer (STTT)*, 18(1):67–91, February 2016. CODEN ???? ISSN 1433-2779 (print), 1433-2787 (electronic). URL <http://link.springer.com/article/10.1007/s10009-015-0367-0>. See correction [837].

Osaiweran:2016:EEL

- [596] Ammar Osaiweran and Mathijs Schuts. Evaluating the effect of a lightweight formal technique in industry. *International Journal on Software Tools for Technology Transfer (STTT)*, 18(1):93–108, February 2016. CODEN ???? ISSN 1433-2779 (print), 1433-2787 (electronic). URL <http://link.springer.com/article/10.1007/s10009-015-0374-1>; <http://link.springer.com/content/pdf/10.1007/s10009-015-0374-1.pdf>.

Kutsuna:2016:ARM

- [597] Takuro Kutsuna and Yoshinao Ishii. Abstraction and refinement of mathematical functions toward SMT-based test-case generation. *International Journal on Software Tools for Technology Transfer (STTT)*, 18(1):109–120, February 2016. CODEN ???? ISSN 1433-2779 (print), 1433-2787 (electronic). URL

<http://link.springer.com/article/10.1007/s10009-015-0389-7>.

Abraham:2016:SRA

- [598] Erika Ábrahám and Klaus Havelund. Some recent advances in automated analysis. *International Journal on Software Tools for Technology Transfer (STTT)*, 18(2):121–128, April 2016. CODEN ????. ISSN 1433-2779 (print), 1433-2787 (electronic). URL <http://link.springer.com/article/10.1007/s10009-015-0403-0>.

Lowe:2016:CDF

- [599] Gavin Lowe. Concurrent depth-first search algorithms based on Tarjan’s algorithm. *International Journal on Software Tools for Technology Transfer (STTT)*, 18(2):129–147, April 2016. CODEN ????. ISSN 1433-2779 (print), 1433-2787 (electronic). URL <http://link.springer.com/article/10.1007/s10009-015-0382-1>.

Gibson-Robinson:2016:FPR

- [600] Thomas Gibson-Robinson and Philip Armstrong. FDR3: a parallel refinement checker for CSP. *International Journal on Software Tools for Technology Transfer (STTT)*, 18(2):149–167, April 2016. CODEN ????. ISSN 1433-2779 (print), 1433-2787 (electronic). URL <http://link.springer.com/article/10.1007/s10009-015-0377-y>.

Wijs:2016:MCF

- [601] Anton Wijs and Dragan Bosnacki. Many-core on-the-fly model checking of safety properties using GPUs. *International Journal on Software Tools for Technology Transfer (STTT)*, 18(2):169–185, April 2016. CODEN

???? ISSN 1433-2779 (print), 1433-2787 (electronic). URL <http://link.springer.com/article/10.1007/s10009-015-0379-9>; <http://link.springer.com/content/pdf/10.1007/s10009-015-0379-9.pdf>.

Armando:2016:SSB

- [602] Alessandro Armando and Roberto Carbone. SATMC: a SAT-based model checker for security protocols, business processes, and security APIs. *International Journal on Software Tools for Technology Transfer (STTT)*, 18(2):187–204, April 2016. CODEN ????. ISSN 1433-2779 (print), 1433-2787 (electronic). URL <http://link.springer.com/article/10.1007/s10009-015-0385-y>.

Decker:2016:MMT

- [603] Normann Decker, Martin Leucker, and Daniel Thoma. Monitoring modulo theories. *International Journal on Software Tools for Technology Transfer (STTT)*, 18(2):205–225, April 2016. CODEN ????. ISSN 1433-2779 (print), 1433-2787 (electronic). URL <http://link.springer.com/article/10.1007/s10009-015-0380-3>.

vonEssen:2016:PVS

- [604] Christian von Essen and Dimitra Giannakopoulou. Probabilistic verification and synthesis of the next generation airborne collision avoidance system. *International Journal on Software Tools for Technology Transfer (STTT)*, 18(2):227–243, April 2016. CODEN ????. ISSN 1433-2779 (print), 1433-2787 (electronic). URL <http://link.springer.com/article/10.1007/s10009-015-0388-8>.

Yenigun:2016:ATG

- [605] Hüsnü Yenigün, Cemal Yilmaz, and Andreas Ulrich. Advances in test generation for testing software and systems. *International Journal on Software Tools for Technology Transfer (STTT)*, 18(3):245–249, June 2016. CODEN ????. ISSN 1433-2779 (print), 1433-2787 (electronic). URL <http://link.springer.com/article/10.1007/s10009-015-0404-z>.

Kushik:2016:AEN

- [606] Natalia Kushik, Khaled El-Fakih, Nina Yevtushenko, and Ana R. Cavalli. On adaptive experiments for nondeterministic finite state machines. *International Journal on Software Tools for Technology Transfer (STTT)*, 18(3):251–264, June 2016. CODEN ????. ISSN 1433-2779 (print), 1433-2787 (electronic). URL <http://link.springer.com/article/10.1007/s10009-014-0357-7>.

Huang:2016:CMB

- [607] Wen ling Huang and Jan Peleska. Complete model-based equivalence class testing. *International Journal on Software Tools for Technology Transfer (STTT)*, 18(3):265–283, June 2016. CODEN ????. ISSN 1433-2779 (print), 1433-2787 (electronic). URL <http://link.springer.com/article/10.1007/s10009-014-0356-8>.

Faria:2016:TCT

- [608] João Pascoal Faria and Ana C. R. Paiva. A toolset for conformance testing against UML sequence diagrams based on event-driven colored Petri nets. *International Journal on*

Software Tools for Technology Transfer (STTT), 18(3):285–304, June 2016. CODEN ????. ISSN 1433-2779 (print), 1433-2787 (electronic). URL <http://link.springer.com/article/10.1007/s10009-014-0354-x>.

deLeon:2016:MBT

- [609] Hernán Ponce de León, Stefan Haar, and Delphine Longuet. Model-based testing for concurrent systems: unfolding-based test selection. *International Journal on Software Tools for Technology Transfer (STTT)*, 18(3):305–318, June 2016. CODEN ????. ISSN 1433-2779 (print), 1433-2787 (electronic). URL <http://link.springer.com/article/10.1007/s10009-014-0353-y>.

Schrammel:2016:GTC

- [610] Peter Schrammel, Tom Melham, and Daniel Kroening. Generating test case chains for reactive systems. *International Journal on Software Tools for Technology Transfer (STTT)*, 18(3):319–334, June 2016. CODEN ????. ISSN 1433-2779 (print), 1433-2787 (electronic). URL <http://link.springer.com/article/10.1007/s10009-014-0358-6>; <http://link.springer.com/content/pdf/10.1007/s10009-014-0358-6.pdf>.

Enoiu:2016:ATG

- [611] Eduard P. Enoiu, Adnan Causević, Thomas J. Ostrand, Elaine J. Weyuker, Daniel Sundmark, and Paul Pettersson. Automated test generation using model checking: an industrial evaluation. *International Journal on Software Tools for Technology Transfer (STTT)*, 18(3):335–353, June 2016. CODEN ????. ISSN 1433-2779

(print), 1433-2787 (electronic). URL <http://link.springer.com/article/10.1007/s10009-014-0355-9>.

Bartocci:2016:PSI

- [612] Ezio Bartocci and C. R. Ramakrishnan. Preface of the special issue on model checking of software. *International Journal on Software Tools for Technology Transfer (STTT)*, 18(4):355–357, August 2016. CODEN ????. ISSN 1433-2779 (print), 1433-2787 (electronic). URL <http://link.springer.com/article/10.1007/s10009-016-0414-5>; <http://link.springer.com/content/pdf/10.1007/s10009-016-0414-5.pdf>.

Lopes:2016:AEC

- [613] Nuno P. Lopes and José Monteiro. Automatic equivalence checking of programs with uninterpreted functions and integer arithmetic. *International Journal on Software Tools for Technology Transfer (STTT)*, 18(4):359–374, August 2016. CODEN ????. ISSN 1433-2779 (print), 1433-2787 (electronic). URL <http://link.springer.com/accesspage/article/10.1007/s10009-015-0366-1>; <http://link.springer.com/article/10.1007/s10009-015-0366-1>.

Sethi:2016:MCU

- [614] Divjyot Sethi, Muralidhar Talupur, and Sharad Malik. Model checking unbounded concurrent lists. *International Journal on Software Tools for Technology Transfer (STTT)*, 18(4):375–391, August 2016. CODEN ????. ISSN 1433-2779 (print), 1433-2787 (electronic). URL <http://link.springer.com/accesspage/article/10.1007/s10009-015-0369-y>; <http://link.springer.com/article/10.1007/s10009-015-0369-y>.

[springer.com/article/10.1007/s10009-015-0369-y](http://link.springer.com/article/10.1007/s10009-015-0369-y).

Adhikari:2016:VQR

- [615] Kiran Adhikari, James Street, Chao Wang, Yang Liu, and Shaojie Zhang. Verifying a quantitative relaxation of linearizability via refinement. *International Journal on Software Tools for Technology Transfer (STTT)*, 18(4):393–407, August 2016. CODEN ????. ISSN 1433-2779 (print), 1433-2787 (electronic). URL <http://link.springer.com/accesspage/article/10.1007/s10009-015-0373-2>; <http://link.springer.com/article/10.1007/s10009-015-0373-2>.

Jensen:2016:EMC

- [616] Jonas Finneemann Jensen, Kim Guldstrand Larsen, Jiri Srba, and Lars Kaerlund Oestergaard. Efficient model-checking of weighted CTL with upper-bound constraints. *International Journal on Software Tools for Technology Transfer (STTT)*, 18(4):409–426, August 2016. CODEN ????. ISSN 1433-2779 (print), 1433-2787 (electronic). URL <http://link.springer.com/accesspage/article/10.1007/s10009-014-0359-5>; <http://link.springer.com/article/10.1007/s10009-014-0359-5>.

Laarman:2016:GBP

- [617] Alfons Laarman, Elwin Pater, Jaco van de Pol, and Henri Hansen. Guard-based partial-order reduction. *International Journal on Software Tools for Technology Transfer (STTT)*, 18(4):427–448, August 2016. CODEN ????. ISSN 1433-2779 (print), 1433-2787 (electronic). URL <http://link.springer.com/accesspage/article/10.1007/s10009-015-0369-y>; <http://link.springer.com/article/10.1007/s10009-015-0369-y>.

s10009-014-0363-9; <http://link.springer.com/article/10.1007/s10009-014-0363-9>.

Bogomolov:2016:GSH

- [618] Sergiy Bogomolov, Alexandre Donzé, Goran Frehse, Radu Grosu, Taylor T. Johnson, Hamed Ladan, Andreas Podelski, and Martin Wehrle. Guided search for hybrid systems based on coarse-grained space abstractions. *International Journal on Software Tools for Technology Transfer (STTT)*, 18(4):449–467, August 2016. CODEN ???? ISSN 1433-2779 (print), 1433-2787 (electronic). URL <http://link.springer.com/article/10.1007/s10009-015-0393-y>; <http://link.springer.com/content/pdf/10.1007/s10009-015-0393-y.pdf>.

Abdulla:2016:PV

- [619] Parosh A. Abdulla and Giorgio Delzanno. Parameterized verification. *International Journal on Software Tools for Technology Transfer (STTT)*, 18(5):469–473, October 2016. CODEN ???? ISSN 1433-2779 (print), 1433-2787 (electronic). URL <http://link.springer.com/accesspage/article/10.1007/s10009-016-0424-3>; <http://link.springer.com/article/10.1007/s10009-016-0424-3>.

Delzanno:2016:UVP

- [620] Giorgio Delzanno. A unified view of parameterized verification of abstract models of broadcast communication. *International Journal on Software Tools for Technology Transfer (STTT)*, 18(5):475–493, October 2016. CODEN ???? ISSN 1433-2779 (print), 1433-2787 (electronic). URL <http://link.springer.com/accesspage/article/10.1007/>

s10009-016-0412-7; <http://link.springer.com/article/10.1007/s10009-016-0412-7>.

Abdulla:2016:PVT

- [621] Parosh Abdulla, Frédéric Haziza, and Lukás Holík. Parameterized verification through view abstraction. *International Journal on Software Tools for Technology Transfer (STTT)*, 18(5):495–516, October 2016. CODEN ???? ISSN 1433-2779 (print), 1433-2787 (electronic). URL <http://link.springer.com/accesspage/article/10.1007/s10009-015-0406-x>; <http://link.springer.com/article/10.1007/s10009-015-0406-x>.

Ganjei:2016:CDS

- [622] Zeinab Ganjei, Ahmed Rezzine, Petru Eles, and Zebo Peng. Counting dynamically synchronizing processes. *International Journal on Software Tools for Technology Transfer (STTT)*, 18(5):517–534, October 2016. CODEN ???? ISSN 1433-2779 (print), 1433-2787 (electronic). URL <http://link.springer.com/accesspage/article/10.1007/s10009-015-0411-0>; <http://link.springer.com/article/10.1007/s10009-015-0411-0>.

Montali:2016:SDA

- [623] Marco Montali and Diego Calvanese. Soundness of data-aware, case-centric processes. *International Journal on Software Tools for Technology Transfer (STTT)*, 18(5):535–558, October 2016. CODEN ???? ISSN 1433-2779 (print), 1433-2787 (electronic). URL <http://link.springer.com/accesspage/article/10.1007/s10009-016-0417-2>; <http://link.springer.com/article/10.1007/s10009-016-0417-2>.

springer.com/article/10.1007/s10009-016-0417-2.

Sinnott:2016:SCB

Ranise:2016:PMC

- [624] Silvio Ranise, Anh Truong, and Riccardo Traverso. Parameterized model checking for security policy analysis. *International Journal on Software Tools for Technology Transfer (STTT)*, 18(5): 559–573, October 2016. CODEN ???? ISSN 1433-2779 (print), 1433-2787 (electronic). URL <http://link.springer.com/accesspage/article/10.1007/s10009-015-0410-1>; <http://link.springer.com/article/10.1007/s10009-015-0410-1>.

- [627] R. O. Sinnott and W. Voorsluys. A scalable cloud-based system for data-intensive spatial analysis. *International Journal on Software Tools for Technology Transfer (STTT)*, 18(6):587–605, November 2016. CODEN ???? ISSN 1433-2779 (print), 1433-2787 (electronic). URL <http://link.springer.com/accesspage/article/10.1007/s10009-015-0398-6>; <http://link.springer.com/article/10.1007/s10009-015-0398-6>.

Lamprecht:2016:SW

- [625] Anna-Lena Lamprecht and Kenneth J. Turner. Scientific workflows. *International Journal on Software Tools for Technology Transfer (STTT)*, 18(6): 575–580, November 2016. CODEN ???? ISSN 1433-2779 (print), 1433-2787 (electronic). URL <http://link.springer.com/accesspage/article/10.1007/s10009-016-0428-z>; <http://link.springer.com/article/10.1007/s10009-016-0428-z>.

Bolt:2016:SWP

- [628] Alfredo Bolt, Massimiliano de Leoni, and Wil M. P. van der Aalst. Scientific workflows for process mining: building blocks, scenarios, and implementation. *International Journal on Software Tools for Technology Transfer (STTT)*, 18(6):607–628, November 2016. CODEN ???? ISSN 1433-2779 (print), 1433-2787 (electronic). URL <http://link.springer.com/article/10.1007/s10009-015-0399-5>; <http://link.springer.com/content/pdf/10.1007/s10009-015-0399-5.pdf>.

Menager:2016:URI

- [626] Hervé Ménager, Matús Kalas, Kristoffer Rapacki, and Jon Ison. Using registries to integrate bioinformatics tools and services into workbench environments. *International Journal on Software Tools for Technology Transfer (STTT)*, 18(6):581–586, November 2016. CODEN ???? ISSN 1433-2779 (print), 1433-2787 (electronic). URL <http://link.springer.com/article/10.1007/s10009-015-0392-z>; <http://link.springer.com/content/pdf/10.1007/s10009-015-0392-z.pdf>.

Lamprecht:2016:SWJ

- [629] Anna-Lena Lamprecht, Bernhard Steffen, and Tiziana Margaria. Scientific workflows with the jABC framework. *International Journal on Software Tools for Technology Transfer (STTT)*, 18(6): 629–651, November 2016. CODEN ???? ISSN 1433-2779 (print), 1433-2787 (electronic). URL <http://link.springer.com/accesspage/article/10.1007/s10009-016-0427-0>; <http://link.springer.com/article/10.1007/s10009-016-0427-0>.

Amighi:2016:PCC

- [630] Afshin Amighi, Pedro de Carvalho Gomes, Dilian Gurov, and Marieke Huisman. Provably correct control flow graphs from Java bytecode programs with exceptions. *International Journal on Software Tools for Technology Transfer (STTT)*, 18(6):653–684, November 2016. CODEN ???? ISSN 1433-2779 (print), 1433-2787 (electronic). URL <http://link.springer.com/accesspage/article/10.1007/s10009-015-0375-0>; <http://link.springer.com/article/10.1007/s10009-015-0375-0>.

Gupta:2016:ECV

- [631] Amar Kumar Gupta and Guy Edward Gallasch. Equivalence class verification of the contract net protocol-extension. *International Journal on Software Tools for Technology Transfer (STTT)*, 18(6):685–706, November 2016. CODEN ???? ISSN 1433-2779 (print), 1433-2787 (electronic). URL <http://link.springer.com/accesspage/article/10.1007/s10009-015-0376-z>; <http://link.springer.com/article/10.1007/s10009-015-0376-z>.

Steffen:2017:PST

- [632] Bernhard Steffen. The physics of software tools: SWOT analysis and vision. *International Journal on Software Tools for Technology Transfer (STTT)*, 19(1):1–7, February 2017. CODEN ???? ISSN 1433-2779 (print), 1433-2787 (electronic). URL <http://link.springer.com/accesspage/article/10.1007/s10009-016-0446-x>; <http://link.springer.com/article/10.1007/s10009-016-0446-x>.

Lomuscio:2017:MOS

- [633] Alessio Lomuscio, Hongyang Qu, and Franco Raimondi. MCMAS: an open-source model checker for the verification of multi-agent systems. *International Journal on Software Tools for Technology Transfer (STTT)*, 19(1):9–30, February 2017. CODEN ???? ISSN 1433-2779 (print), 1433-2787 (electronic). URL <http://link.springer.com/article/10.1007/s10009-015-0378-x>; <http://link.springer.com/content/pdf/10.1007/s10009-015-0378-x.pdf>.

Rivera:2017:CGE

- [634] Víctor Rivera, Néstor Cataño, Tim Wahls, and Camilo Rueda. Code generation for Event-B. *International Journal on Software Tools for Technology Transfer (STTT)*, 19(1):31–52, February 2017. CODEN ???? ISSN 1433-2779 (print), 1433-2787 (electronic). URL <http://link.springer.com/accesspage/article/10.1007/s10009-015-0381-2>; <http://link.springer.com/article/10.1007/s10009-015-0381-2>.

Damasceno:2017:TRT

- [635] Adriana C. Damasceno, Patricia D. L. Machado, and Wilkerson L. Andrade. Testing real-time systems from compositional symbolic specifications. *International Journal on Software Tools for Technology Transfer (STTT)*, 19(1):53–71, February 2017. CODEN ???? ISSN 1433-2779 (print), 1433-2787 (electronic). URL <http://link.springer.com/accesspage/article/10.1007/s10009-015-0390-1>; <http://link.springer.com/article/10.1007/s10009-015-0390-1>.

Ye:2017:MCS

- [636] Kangfeng Ye and Jim Woodcock. Model checking of state-rich formalism by linking to CSP || B. *International Journal on Software Tools for Technology Transfer (STTT)*, 19(1):73–96, February 2017. CODEN ???? ISSN 1433-2779 (print), 1433-2787 (electronic). URL <http://link.springer.com/accesspage/article/10.1007/s10009-015-0402-1>; <http://link.springer.com/article/10.1007/s10009-015-0402-1>.

Gadelha:2017:HLB

- [637] Mikhail Y. R. Gadelha, Hussama I. Ismail, and Lucas C. Cordeiro. Handling loops in bounded model checking of C programs via k -induction. *International Journal on Software Tools for Technology Transfer (STTT)*, 19(1):97–114, February 2017. CODEN ???? ISSN 1433-2779 (print), 1433-2787 (electronic). URL <http://link.springer.com/accesspage/article/10.1007/s10009-015-0407-9>; <http://link.springer.com/article/10.1007/s10009-015-0407-9>.

Zech:2017:MBR

- [638] Philipp Zech, Philipp Kalb, Michael Felderer, Colin Atkinson, and Ruth Breu. Model-based regression testing by OCL. *International Journal on Software Tools for Technology Transfer (STTT)*, 19(1):115–131, February 2017. CODEN ???? ISSN 1433-2779 (print), 1433-2787 (electronic). URL <http://link.springer.com/accesspage/article/10.1007/s10009-015-0408-8>; <http://link.springer.com/article/10.1007/s10009-015-0408-8>.

Boniol:2017:LGC

- [639] Frédéric Boniol, Virginie Wiels, Yamine Aït-Ameur, and Klaus-Dieter Schewe. The landing gear case study: challenges and experiments. *International Journal on Software Tools for Technology Transfer (STTT)*, 19(2):133–140, April 2017. CODEN ???? ISSN 1433-2779 (print), 1433-2787 (electronic). URL <http://link.springer.com/article/10.1007/s10009-016-0431-4>; <http://link.springer.com/content/pdf/10.1007/s10009-016-0431-4.pdf>.

Su:2017:ALG

- [640] Wen Su and Jean-Raymond Abrial. Aircraft landing gear system: approaches with Event-B to the modeling of an industrial system. *International Journal on Software Tools for Technology Transfer (STTT)*, 19(2):141–166, April 2017. CODEN ???? ISSN 1433-2779 (print), 1433-2787 (electronic). URL <http://link.springer.com/accesspage/article/10.1007/s10009-015-0400-3>; <http://link.springer.com/article/10.1007/s10009-015-0400-3>.

Mammar:2017:MLG

- [641] Amel Mammar and Régine Laleau. Modeling a landing gear system in Event-B. *International Journal on Software Tools for Technology Transfer (STTT)*, 19(2):167–186, April 2017. CODEN ???? ISSN 1433-2779 (print), 1433-2787 (electronic). URL <http://link.springer.com/accesspage/article/10.1007/s10009-015-0391-0>; <http://link.springer.com/article/10.1007/s10009-015-0391-0>.

Ladenberger:2017:VAL

- [642] Lukas Ladenberger, Dominik Hansen, Harald Wiegard, Jens Bendisposto, and Michael Leuschel. Validation of the ABZ landing gear system using ProB. *International Journal on Software Tools for Technology Transfer (STTT)*, 19(2): 187–203, April 2017. CODEN ???? ISSN 1433-2779 (print), 1433-2787 (electronic). URL <http://link.springer.com/accesspage/article/10.1007/s10009-015-0395-9>; <http://link.springer.com/article/10.1007/s10009-015-0395-9>.

Banach:2017:LGS

- [643] Richard Banach. The landing gear system in multi-machine Hybrid Event-B. *International Journal on Software Tools for Technology Transfer (STTT)*, 19(2):205–228, April 2017. CODEN ???? ISSN 1433-2779 (print), 1433-2787 (electronic). URL <http://link.springer.com/article/10.1007/s10009-015-0409-7>; <http://link.springer.com/content/pdf/10.1007/s10009-015-0409-7.pdf>.

Teodorov:2017:EDR

- [644] Ciprian Teodorov, Philippe Dhaussy, and Luka Le Roux. Environment-driven reachability for timed systems. *International Journal on Software Tools for Technology Transfer (STTT)*, 19(2): 229–245, April 2017. CODEN ???? ISSN 1433-2779 (print), 1433-2787 (electronic). URL <http://link.springer.com/accesspage/article/10.1007/s10009-015-0401-2>; <http://link.springer.com/article/10.1007/s10009-015-0401-2>.

Arcaini:2017:RDP

- [645] Paolo Arcaini, Angelo Gargantini, and Elvinia Riccobene. Rigorous development process of a safety-critical system: from ASM models to Java code. *International Journal on Software Tools for Technology Transfer (STTT)*, 19(2): 247–269, April 2017. CODEN ???? ISSN 1433-2779 (print), 1433-2787 (electronic). URL <http://link.springer.com/accesspage/article/10.1007/s10009-015-0394-x>; <http://link.springer.com/article/10.1007/s10009-015-0394-x>.

Herbold:2017:MBT

- [646] Steffen Herbold and Andreas Hoffmann. Model-based testing as a service. *International Journal on Software Tools for Technology Transfer (STTT)*, 19(3):271–279, June 2017. CODEN ???? ISSN 1433-2779 (print), 1433-2787 (electronic). URL <https://link.springer.com/content/pdf/10.1007/s10009-017-0449-2.pdf>.

Hillah:2017:AIS

- [647] Lom Messan Hillah, Ariele-Paolo Maesano, Fabio De Rosa, Fabrice Kordon, Pierre-Henri Wuillemin, Riccardo Fontanelli, Sergio Di Bona, Davide Guerri, and Libero Maesano. Automation and intelligent scheduling of distributed system functional testing. *International Journal on Software Tools for Technology Transfer (STTT)*, 19(3): 281–308, June 2017. CODEN ???? ISSN 1433-2779 (print), 1433-2787 (electronic).

Herbold:2017:CUB

- [648] Steffen Herbold, Patrick Harms, and Jens Grabowski. Combining usage-

based and model-based testing for service-oriented architectures in the industrial practice. *International Journal on Software Tools for Technology Transfer (STTT)*, 19(3):309–324, June 2017. CODEN ????? ISSN 1433-2779 (print), 1433-2787 (electronic).

Barcelona:2017:PEU

- [649] M. A. Barcelona, L. García-Borgoñón, and G. López-Nicolás. Practical experiences in the usage of MIDAS in the logistics domain. *International Journal on Software Tools for Technology Transfer (STTT)*, 19(3):325–339, June 2017. CODEN ????? ISSN 1433-2779 (print), 1433-2787 (electronic).

Falcone:2017:FAR

- [650] Yliès Falcone and Mohamad Jaber. Fully automated runtime enforcement of component-based systems with formal and sound recovery. *International Journal on Software Tools for Technology Transfer (STTT)*, 19(3):341–365, June 2017. CODEN ????? ISSN 1433-2779 (print), 1433-2787 (electronic).

Jacobs:2017:FRS

- [651] Swen Jacobs, Roderick Bloem, Romain Brenguier, Rüdiger Ehlers, Timotheus Hell, Robert Könighofer, Guillermo A. Pérez, Jean-François Raskin, Leonid Ryzhyk, Ocan Sankur, Martina Seidl, Leander Tentrup, and Adam Walker. The first reactive synthesis competition (SYNTCOMP 2014). *International Journal on Software Tools for Technology Transfer (STTT)*, 19(3):367–390, June 2017. CODEN ????? ISSN 1433-2779 (print), 1433-2787 (electronic).

Gudemann:2017:PSI

- [652] Matthias Gudemann and Manuel Núñez. Preface of the special issue on formal methods in industrial critical systems. *International Journal on Software Tools for Technology Transfer (STTT)*, 19(4):391–393, August 2017. CODEN ????? ISSN 1433-2779 (print), 1433-2787 (electronic). URL <https://link.springer.com/article/10.1007/s10009-017-0455-4>.

Aman:2017:VCS

- [653] Bogdan Aman and Gabriel Ciobanu. Verification of critical systems described in real-time TiMo. *International Journal on Software Tools for Technology Transfer (STTT)*, 19(4):395–408, August 2017. CODEN ????? ISSN 1433-2779 (print), 1433-2787 (electronic). URL <https://link.springer.com/article/10.1007/s10009-016-0439-9>.

Aichernig:2017:RTT

- [654] Bernhard K. Aichernig, Klaus Hörmaier, Florian Lorber, Dejan Nicković, and Stefan Tiran. Require, test, and trace IT. *International Journal on Software Tools for Technology Transfer (STTT)*, 19(4):409–426, August 2017. CODEN ????? ISSN 1433-2779 (print), 1433-2787 (electronic). URL <https://link.springer.com/article/10.1007/s10009-016-0444-z>; <https://link.springer.com/content/pdf/10.1007/s10009-016-0444-z.pdf>.

Damouche:2017:INA

- [655] Nasrine Damouche, Matthieu Martel, and Alexandre Chapoutot. Improving the numerical accuracy of programs by

automatic transformation. *International Journal on Software Tools for Technology Transfer (STTT)*, 19(4):427–448, August 2017. CODEN ???? ISSN 1433-2779 (print), 1433-2787 (electronic). URL <https://link.springer.com/article/10.1007/s10009-016-0435-0>.

Katz:2017:SCI

- [656] Gal Katz and Doron Peled. Synthesizing, correcting and improving code, using model checking-based genetic programming. *International Journal on Software Tools for Technology Transfer (STTT)*, 19(4):449–464, August 2017. CODEN ???? ISSN 1433-2779 (print), 1433-2787 (electronic). URL <https://link.springer.com/article/10.1007/s10009-016-0418-1>.

Farah:2017:CCM

- [657] Zoubeyr Farah, Yamine Ait-Ameur, Meriem Ouederni, and Kamel Tari. A correct-by-construction model for asynchronously communicating systems. *International Journal on Software Tools for Technology Transfer (STTT)*, 19(4):465–485, August 2017. CODEN ???? ISSN 1433-2779 (print), 1433-2787 (electronic). URL <https://link.springer.com/article/10.1007/s10009-016-0421-6>.

Hendriks:2017:AET

- [658] Martijn Hendriks, Jacques Verriet, Twan Basten, Bart Theelen, Marco Brassé, and Lou Somers. Analyzing execution traces: critical-path analysis and distance analysis. *International Journal on Software Tools for Technology Transfer (STTT)*, 19(4):487–510, Au-

gust 2017. CODEN ???? ISSN 1433-2779 (print), 1433-2787 (electronic). URL <https://link.springer.com/article/10.1007/s10009-016-0436-z>.

Piterman:2017:AVP

- [659] Nir Piterman. Advances in verification presented in TACAS’13. *International Journal on Software Tools for Technology Transfer (STTT)*, 19(5):511–515, October 2017. CODEN ???? ISSN 1433-2779 (print), 1433-2787 (electronic). URL <https://link.springer.com/article/10.1007/s10009-017-0460-7>; <https://link.springer.com/content/pdf/10.1007/s10009-017-0460-7.pdf>.

Fedyukovich:2017:FSB

- [660] Grigory Fedyukovich, Ondrej Sery, and Natasha Sharygina. Flexible SAT-based framework for incremental bounded upgrade checking. *International Journal on Software Tools for Technology Transfer (STTT)*, 19(5):517–534, October 2017. CODEN ???? ISSN 1433-2779 (print), 1433-2787 (electronic). URL <https://link.springer.com/article/10.1007/s10009-015-0405-y>.

Dillig:2017:SCC

- [661] Isil Dillig, Thomas Dillig, Boyang Li, Ken McMillan, and Mooly Sagiv. Synthesis of circular compositional program proofs via abduction. *International Journal on Software Tools for Technology Transfer (STTT)*, 19(5):535–547, October 2017. CODEN ???? ISSN 1433-2779 (print), 1433-2787 (electronic). URL <https://link.springer.com/article/10.1007/s10009-015-0397-7>.

Abdulla:2017:ISV

- [662] Parosh Aziz Abdulla, Frédéric Haziza, Lukás Holík, Bengt Jonsson, and Ahmed Rezine. An integrated specification and verification technique for highly concurrent data structures for highly concurrent data structures. *International Journal on Software Tools for Technology Transfer (STTT)*, 19(5):549–563, October 2017. CODEN ???? ISSN 1433-2779 (print), 1433-2787 (electronic). URL <https://link.springer.com/article/10.1007/s10009-016-0415-4>. See correction [836].

Ganty:2017:UPS

- [663] Pierre Ganty, Radu Iosif, and Filip Konecný. Underapproximation of procedure summaries for integer programs. *International Journal on Software Tools for Technology Transfer (STTT)*, 19(5):565–584, October 2017. CODEN ???? ISSN 1433-2779 (print), 1433-2787 (electronic). URL <https://link.springer.com/article/10.1007/s10009-016-0420-7>.

Dimovski:2017:EFB

- [664] Aleksandar S. Dimovski, Ahmad Salim Al-Sibahi, Claus Brabrand, and Andrzej Wasowski. Efficient family-based model checking via variability abstractions. *International Journal on Software Tools for Technology Transfer (STTT)*, 19(5):585–603, October 2017. CODEN ???? ISSN 1433-2779 (print), 1433-2787 (electronic). URL <https://link.springer.com/article/10.1007/s10009-016-0425-2>.

Riener:2017:MFY

- [665] Heinz Riener, Finn Haedicke, Stefan Frehse, Mathias Soeken, Daniel Große, Rolf Drechsler, and Goerschwin Fey. metaSMT: focus on your application and not on solver integration. *International Journal on Software Tools for Technology Transfer (STTT)*, 19(5):605–621, October 2017. CODEN ???? ISSN 1433-2779 (print), 1433-2787 (electronic). URL <https://link.springer.com/article/10.1007/s10009-016-0426-1>.

Abe:2017:GMC

- [666] Tatsuya Abe and Toshiyuki Maeda. A general model checking framework for various memory consistency models. *International Journal on Software Tools for Technology Transfer (STTT)*, 19(5):623–647, October 2017. CODEN ???? ISSN 1433-2779 (print), 1433-2787 (electronic). URL <https://link.springer.com/article/10.1007/s10009-016-0429-y>.

Baier:2017:SAT

- [667] Christel Baier and Cesare Tinelli. Some advances in tools and algorithms for the construction and analysis of systems. *International Journal on Software Tools for Technology Transfer (STTT)*, 19(6):649–652, November 2017. CODEN ???? ISSN 1433-2779 (print), 1433-2787 (electronic). URL <https://link.springer.com/article/10.1007/s10009-017-0471-4>.

Renault:2017:VPE

- [668] E. Renault, A. Duret-Lutz, F. Kordon, and D. Poitrenaud. Vari-

ations on parallel explicit emptiness checks for generalized Büchi automata. *International Journal on Software Tools for Technology Transfer (STTT)*, 19(6):653–673, November 2017. CODEN ????? ISSN 1433-2779 (print), 1433-2787 (electronic). URL <https://link.springer.com/article/10.1007/s10009-016-0422-5>.

vanDijk:2017:SMC

- [669] Tom van Dijk and Jaco van de Pol. Sylvan: multi-core framework for decision diagrams. *International Journal on Software Tools for Technology Transfer (STTT)*, 19(6):675–696, November 2017. CODEN ????? ISSN 1433-2779 (print), 1433-2787 (electronic). URL <https://link.springer.com/article/10.1007/s10009-016-0433-2>; <https://link.springer.com/content/pdf/10.1007/s10009-016-0433-2.pdf>.

Furia:2017:AAA

- [670] Carlo A. Furia, Martin Nordio, Nadia Polikarpova, and Julian Tschanen. AutoProof: auto-active functional verification of object-oriented programs. *International Journal on Software Tools for Technology Transfer (STTT)*, 19(6):697–716, November 2017. CODEN ????? ISSN 1433-2779 (print), 1433-2787 (electronic). URL <https://link.springer.com/article/10.1007/s10009-016-0419-0>.

Jeannin:2017:FVH

- [671] Jean-Baptiste Jeannin, Khalil Ghorbal, Yanni Kouskoulas, Aurora Schmidt, Ryan Gardner, Stefan Mitsch, and

André Platzer. A formally verified hybrid system for safe advisories in the next-generation airborne collision avoidance system. *International Journal on Software Tools for Technology Transfer (STTT)*, 19(6):717–741, November 2017. CODEN ????? ISSN 1433-2779 (print), 1433-2787 (electronic). URL <https://link.springer.com/article/10.1007/s10009-016-0434-1>.

Parizi:2017:RAA

- [672] Reza Meimandi Parizi, Abdul Azim Abdul Ghani, Sai Peck Lee, and Saif Ur Rehman Khan. RAMBUTANS: automatic AOP-specific test generation tool. *International Journal on Software Tools for Technology Transfer (STTT)*, 19(6):743–761, November 2017. CODEN ????? ISSN 1433-2779 (print), 1433-2787 (electronic). URL <https://link.springer.com/article/10.1007/s10009-016-0432-3>.

Huisman:2017:V

- [673] Marieke Huisman, Vladimir Klebanov, Rosemary Monahan, and Michael Tautschnig. VerifyThis 2015. *International Journal on Software Tools for Technology Transfer (STTT)*, 19(6):763–771, November 2017. CODEN ????? ISSN 1433-2779 (print), 1433-2787 (electronic). URL <https://link.springer.com/article/10.1007/s10009-016-0438-x>; <https://link.springer.com/content/pdf/10.1007/s10009-016-0438-x.pdf>.

Jaber:2018:HLM

- [674] Mohamad Jaber, Yliès Falcone, Kanan Dak-Al-Bab, John Abou-Jaoudeh, and Mostafa El-Katerji. A high-level

modeling language for the efficient design, implementation, and testing of Android applications. *International Journal on Software Tools for Technology Transfer (STTT)*, 20(1):1–18, February 2018. CODEN ????? ISSN 1433-2779 (print), 1433-2787 (electronic). URL <https://link.springer.com/article/10.1007/s10009-016-0441-2>.

Boukhari:2018:RUR

- [675] Ilyès Boukhari, Stéphane Jean, Idir Ait-Sadoune, and Ladjel Bellatreche. The role of user requirements in data repository design. *International Journal on Software Tools for Technology Transfer (STTT)*, 20(1):19–34, February 2018. CODEN ????? ISSN 1433-2779 (print), 1433-2787 (electronic). URL <https://link.springer.com/article/10.1007/s10009-016-0443-0>.

Ulyantsev:2018:EFS

- [676] Vladimir Ulyantsev, Igor Buzhinsky, and Anatoly Shalyto. Exact finite-state machine identification from scenarios and temporal properties. *International Journal on Software Tools for Technology Transfer (STTT)*, 20(1):35–55, February 2018. CODEN ????? ISSN 1433-2779 (print), 1433-2787 (electronic). URL <https://link.springer.com/article/10.1007/s10009-016-0442-1>.

Holmes:2018:TTS

- [677] Josie Holmes, Alex Groce, Jarvis Pinto, Pranjal Mittal, Pooria Azimi, Kevin Kellar, and James O’Brien. TSTL: the template scripting testing language. *International Journal on Software Tools for Technology Trans-*

fer (STTT), 20(1):57–78, February 2018. CODEN ????? ISSN 1433-2779 (print), 1433-2787 (electronic). URL <https://link.springer.com/article/10.1007/s10009-016-0445-y>.

Hoxha:2018:MPT

- [678] Bardh Hoxha, Adel Dokhanchi, and Georgios Fainekos. Mining parametric temporal logic properties in model-based design for cyber-physical systems. *International Journal on Software Tools for Technology Transfer (STTT)*, 20(1):79–93, February 2018. CODEN ????? ISSN 1433-2779 (print), 1433-2787 (electronic). URL <https://link.springer.com/article/10.1007/s10009-017-0447-4>.

Pantelic:2018:SEP

- [679] Vera Pantelic, Steven Postma, Mark Lawford, Monika Jaskolka, Bennett Mackenzie, Alexandre Korobkine, Marc Bender, Jeff Ong, Gordon Marks, and Alan Wassyn. Software engineering practices and Simulink: bridging the gap. *International Journal on Software Tools for Technology Transfer (STTT)*, 20(1):95–117, February 2018. CODEN ????? ISSN 1433-2779 (print), 1433-2787 (electronic). URL <https://link.springer.com/article/10.1007/s10009-017-0450-9>.

Mateescu:2018:RAI

- [680] Radu Mateescu. Recent advances in interactive and automated analysis. *International Journal on Software Tools for Technology Transfer (STTT)*, 20(2):119–123, April 2018. CODEN ?????

ISSN 1433-2779 (print), 1433-2787 (electronic). URL <https://link.springer.com/article/10.1007/s10009-017-0477-y>.

Faithfull:2018:C

- [681] Alexander Faithfull, Jesper Bengtson, Enrico Tassi, and Carst Tankink. Coqoon. *International Journal on Software Tools for Technology Transfer (STTT)*, 20(2):125–137, April 2018. CODEN ???? ISSN 1433-2779 (print), 1433-2787 (electronic). URL <https://link.springer.com/article/10.1007/s10009-017-0457-2>.

Grov:2018:TTG

- [682] Gudmund Grov and Yuhui Lin. The Tinker tool for graphical tactic development. *International Journal on Software Tools for Technology Transfer (STTT)*, 20(2):139–155, April 2018. CODEN ???? ISSN 1433-2779 (print), 1433-2787 (electronic). URL <https://link.springer.com/article/10.1007/s10009-017-0452-7>; <https://link.springer.com/content/pdf/10.1007/s10009-017-0452-7.pdf>.

vanDijk:2018:MCS

- [683] Tom van Dijk and Jaco van de Pol. Multi-core symbolic bisimulation minimisation. *International Journal on Software Tools for Technology Transfer (STTT)*, 20(2):157–177, April 2018. CODEN ???? ISSN 1433-2779 (print), 1433-2787 (electronic). URL <https://link.springer.com/article/10.1007/s10009-017-0468-z>; <https://link.springer.com/content/pdf/10.1007/s10009-017-0468-z.pdf>.

Klein:2018:APM

- [684] Joachim Klein, Christel Baier, Philipp Chrszon, Marcus Daum, Clemens Dubsloff, Sascha Klüppelholz, Steffen Märcker, and David Müller. Advances in probabilistic model checking with PRISM: variable reordering, quantiles and weak deterministic Büchi automata. *International Journal on Software Tools for Technology Transfer (STTT)*, 20(2):179–194, April 2018. CODEN ???? ISSN 1433-2779 (print), 1433-2787 (electronic). URL <https://link.springer.com/article/10.1007/s10009-017-0456-3>.

Kwiatkowska:2018:PGV

- [685] Marta Kwiatkowska, David Parker, and Clemens Wiltsche. PRISM-games: verification and strategy synthesis for stochastic multi-player games with multiple objectives. *International Journal on Software Tools for Technology Transfer (STTT)*, 20(2):195–210, April 2018. CODEN ???? ISSN 1433-2779 (print), 1433-2787 (electronic). URL <https://link.springer.com/article/10.1007/s10009-017-0476-z>; <https://link.springer.com/content/pdf/10.1007/s10009-017-0476-z.pdf>.

Tran-Jorgensen:2018:ATV

- [686] Peter W. V. Tran-Jørgensen, Peter Gorm Larsen, and Gary T. Leavens. Automated translation of VDM to JML-annotated Java. *International Journal on Software Tools for Technology Transfer (STTT)*, 20(2):211–235, April 2018. CODEN ???? ISSN 1433-2779 (print), 1433-2787 (electronic). URL <https://link.springer.com/>

article/10.1007/s10009-017-0448-3.

terBeek:2018:FMT

- [687] Maurice H. ter Beek, Stefania Gnesi, and Alexander Knapp. Formal methods for transport systems. *International Journal on Software Tools for Technology Transfer (STTT)*, 20(3):237–241, June 2018. CODEN ????? ISSN 1433-2779 (print), 1433-2787 (electronic). URL <https://link.springer.com/article/10.1007/s10009-018-0487-4>.

Vanit-Anunchai:2018:MST

- [688] Somsak Vanit-Anunchai. Modelling and simulating a Thai railway signalling system using Coloured Petri Nets. *International Journal on Software Tools for Technology Transfer (STTT)*, 20(3):243–262, June 2018. CODEN ????? ISSN 1433-2779 (print), 1433-2787 (electronic). URL <https://link.springer.com/article/10.1007/s10009-018-0482-9>.

Mazzanti:2018:TFM

- [689] Franco Mazzanti, Alessio Ferrari, and Giorgio O. Spagnolo. Towards formal methods diversity in railways: an experience report with seven frameworks. *International Journal on Software Tools for Technology Transfer (STTT)*, 20(3):263–288, June 2018. CODEN ????? ISSN 1433-2779 (print), 1433-2787 (electronic). URL <https://link.springer.com/article/10.1007/s10009-018-0488-3>.

Ciancia:2018:STM

- [690] Vincenzo Ciancia, Stephen Gilmore, Gianluca Grilletti, Diego Latella, Michele Loreti, and Mieke Massink.

Spatio-temporal model checking of vehicular movement in public transport systems. *International Journal on Software Tools for Technology Transfer (STTT)*, 20(3):289–311, June 2018. CODEN ????? ISSN 1433-2779 (print), 1433-2787 (electronic). URL <https://link.springer.com/article/10.1007/s10009-018-0483-8>.

Cabodi:2018:SGD

- [691] G. Cabodi, P. E. Camurati, C. Loiacono, M. Palena, P. Pasini, D. Patti, and S. Quer. To split or to group: from divide-and-conquer to sub-task sharing for verifying multiple properties in model checking. *International Journal on Software Tools for Technology Transfer (STTT)*, 20(3):313–325, June 2018. CODEN ????? ISSN 1433-2779 (print), 1433-2787 (electronic). URL <https://link.springer.com/article/10.1007/s10009-017-0451-8>.

Naujokat:2018:CSD

- [692] Stefan Naujokat, Michael Lybecait, Dawid Kopetzki, and Bernhard Steffen. CINCO: a simplicity-driven approach to full generation of domain-specific graphical modeling tools. *International Journal on Software Tools for Technology Transfer (STTT)*, 20(3):327–354, June 2018. CODEN ????? ISSN 1433-2779 (print), 1433-2787 (electronic). URL <https://link.springer.com/article/10.1007/s10009-017-0453-6>.

terBeek:2018:FMA

- [693] Maurice H. ter Beek, Stefania Gnesi, and Alexander Knapp. Formal methods and automated verification of crit-

ical systems. *International Journal on Software Tools for Technology Transfer (STTT)*, 20(4):355–358, August 2018. CODEN ???? ISSN 1433-2779 (print), 1433-2787 (electronic). URL <https://link.springer.com/article/10.1007/s10009-018-0494-5>.

Leupolz:2018:QQA

- [694] Johannes Leupolz, Alexander Knapp, Axel Habermaier, and Wolfgang Reif. Qualitative and quantitative analysis of safety-critical systems with. *International Journal on Software Tools for Technology Transfer (STTT)*, 20(4):359–377, August 2018. CODEN ???? ISSN 1433-2779 (print), 1433-2787 (electronic). URL <https://link.springer.com/article/10.1007/s10009-017-0464-3>.

Pedro:2018:RVA

- [695] André de Matos Pedro, Jorge Sousa Pinto, David Pereira, and Luís Miguel Pinho. Runtime verification of autopilot systems using a fragment of MTL- \mathcal{f} . *International Journal on Software Tools for Technology Transfer (STTT)*, 20(4):379–395, August 2018. CODEN ???? ISSN 1433-2779 (print), 1433-2787 (electronic). URL <https://link.springer.com/article/10.1007/s10009-017-0470-5>.

Chadli:2018:HLF

- [696] Mounir Chadli, Jin H. Kim, Kim G. Larsen, Axel Legay, Stefan Naujokat, Bernhard Steffen, and Louis-Marie Traonouez. High-level frameworks for the specification and verification of scheduling problems. *International Journal on Software Tools for Tech-*

nology Transfer (STTT), 20(4):397–422, August 2018. CODEN ???? ISSN 1433-2779 (print), 1433-2787 (electronic). URL <https://link.springer.com/article/10.1007/s10009-017-0466-1>.

Ge:2018:IFV

- [697] Ning Ge, Eric Jenn, Nicolas Breton, and Yoann Fonteneau. Integrated formal verification of safety-critical software. *International Journal on Software Tools for Technology Transfer (STTT)*, 20(4):423–440, August 2018. CODEN ???? ISSN 1433-2779 (print), 1433-2787 (electronic). URL <https://link.springer.com/article/10.1007/s10009-017-0475-0>.

Huang:2018:MBT

- [698] Wen ling Huang and Jan Peleska. Model-based testing strategies and their (in)dependence on syntactic model representations. *International Journal on Software Tools for Technology Transfer (STTT)*, 20(4):441–465, August 2018. CODEN ???? ISSN 1433-2779 (print), 1433-2787 (electronic). URL <https://link.springer.com/article/10.1007/s10009-017-0479-9>.

Bride:2018:ASC

- [699] Hadrien Bride, Olga Kouchnarenko, Fabien Peureux, and Guillaume Voiron. Assessing SMT and CLP approaches for workflow nets verification. *International Journal on Software Tools for Technology Transfer (STTT)*, 20(4):467–491, August 2018. CODEN ???? ISSN 1433-2779 (print), 1433-2787 (electronic). URL <https://link.springer.com/>

article/10.1007/s10009-018-0486-5.

Jensen:2018:DCS

Bosnacki:2018:MCR

- [700] Dragan Bosnacki and Anton Wijs. Model checking: recent improvements and applications. *International Journal on Software Tools for Technology Transfer (STTT)*, 20(5):493–497, October 2018. CODEN ???? ISSN 1433-2779 (print), 1433-2787 (electronic). URL <https://link.springer.com/article/10.1007/s10009-018-0501-x>; <https://link.springer.com/content/pdf/10.1007/s10009-018-0501-x.pdf>.

Gallardo:2018:IRB

- [701] María del Mar Gallardo, Pedro Merino, Laura Panizo, and Alberto Salmerón. Integrating river basin DSSs with model checking. *International Journal on Software Tools for Technology Transfer (STTT)*, 20(5):499–514, October 2018. CODEN ???? ISSN 1433-2779 (print), 1433-2787 (electronic). URL <https://link.springer.com/article/10.1007/s10009-017-0478-x>.

Edelkamp:2018:CSP

- [702] Stefan Edelkamp and Christoph Greulich. A case study of planning for smart factories. *International Journal on Software Tools for Technology Transfer (STTT)*, 20(5):515–528, October 2018. CODEN ???? ISSN 1433-2779 (print), 1433-2787 (electronic). URL <https://link.springer.com/article/10.1007/s10009-018-0498-1>; <https://link.springer.com/content/pdf/10.1007/s10009-018-0498-1.pdf>.

- [703] Peter Gjøøl Jensen, Kim Guldstrand Larsen, and Jiri Srba. Discrete and continuous strategies for timed-arc Petri net games. *International Journal on Software Tools for Technology Transfer (STTT)*, 20(5):529–546, October 2018. CODEN ???? ISSN 1433-2779 (print), 1433-2787 (electronic). URL <https://link.springer.com/article/10.1007/s10009-017-0473-2>.

Khamespanah:2018:MAR

- [704] Ehsan Khamespanah, Marjan Sirjani, Kirill Mechitov, and Gul Agha. Modeling and analyzing real-time wireless sensor and actuator networks using actors and model checking. *International Journal on Software Tools for Technology Transfer (STTT)*, 20(5):547–561, October 2018. CODEN ???? ISSN 1433-2779 (print), 1433-2787 (electronic). URL <https://link.springer.com/article/10.1007/s10009-017-0480-3>.

Mateescu:2018:FMC

- [705] Radu Mateescu and José Ignacio Requeno. On-the-fly model checking for extended action-based probabilistic operators. *International Journal on Software Tools for Technology Transfer (STTT)*, 20(5):563–587, October 2018. CODEN ???? ISSN 1433-2779 (print), 1433-2787 (electronic). URL <https://link.springer.com/article/10.1007/s10009-018-0499-0>.

Valmari:2018:FTS

- [706] Antti Valmari and Walter Vogler. Fair testing and stubborn sets. *International*

Journal on Software Tools for Technology Transfer (STTT), 20(5):589–610, October 2018. CODEN ????? ISSN 1433-2779 (print), 1433-2787 (electronic). URL <https://link.springer.com/article/10.1007/s10009-017-0481-2>.

Huisman:2018:SQT

- [707] Marieke Huisman and Julia Rubin. Software quality tools and techniques presented in FASE’17. *International Journal on Software Tools for Technology Transfer (STTT)*, 20(6):611–613, November 2018. CODEN ????? ISSN 1433-2779 (print), 1433-2787 (electronic). URL <https://link.springer.com/article/10.1007/s10009-018-0504-7>; <https://link.springer.com/content/pdf/10.1007/s10009-018-0504-7.pdf>.

Muller:2018:TCC

- [708] Andreas Müller, Stefan Mitsch, Werner Retschitzegger, Wieland Schwinger, and André Platzer. Tactical contract composition for hybrid system component verification. *International Journal on Software Tools for Technology Transfer (STTT)*, 20(6):615–643, November 2018. CODEN ????? ISSN 1433-2779 (print), 1433-2787 (electronic). URL <https://link.springer.com/article/10.1007/s10009-018-0502-9>; <https://link.springer.com/content/pdf/10.1007/s10009-018-0502-9.pdf>.

Cheng:2018:SAM

- [709] Zheng Cheng and Massimo Tisi. Slicing ATL model transformations for scalable deductive verification and fault localization. *International Journal on*

Software Tools for Technology Transfer (STTT), 20(6):645–663, November 2018. CODEN ????? ISSN 1433-2779 (print), 1433-2787 (electronic). URL <https://link.springer.com/article/10.1007/s10009-018-0491-8>.

Uva:2018:AWJ

- [710] Marcelo Uva, Pablo Ponzio, Germán Regis, Nazareno Aguirre, and Marcelo F. Frias. Automated workarounds from Java program specifications based on SAT solving. *International Journal on Software Tools for Technology Transfer (STTT)*, 20(6):665–688, November 2018. CODEN ????? ISSN 1433-2779 (print), 1433-2787 (electronic). URL <https://link.springer.com/article/10.1007/s10009-018-0503-8>.

Wang:2018:LPM

- [711] Jingyi Wang, Jun Sun, Qixia Yuan, and Jun Pang. Learning probabilistic models for model checking: an evolutionary approach and an empirical study. *International Journal on Software Tools for Technology Transfer (STTT)*, 20(6):689–704, November 2018. CODEN ????? ISSN 1433-2779 (print), 1433-2787 (electronic). URL <https://link.springer.com/article/10.1007/s10009-018-0492-7>.

Schneider:2018:ARA

- [712] Sven Schneider, Leen Lambers, and Fernando Orejas. Automated reasoning for attributed graph properties. *International Journal on Software Tools for Technology Transfer (STTT)*, 20(6):705–737, November 2018. CODEN ????? ISSN 1433-

2779 (print), 1433-2787 (electronic). URL <https://link.springer.com/article/10.1007/s10009-018-0496-3>.

Asavoae:2018:SFS

- [713] Irina Mariuca Asavoae, Mihail Asavoae, and Adrián Riesco. Slicing from formal semantics: Chisel — a tool for generic program slicing. *International Journal on Software Tools for Technology Transfer (STTT)*, 20(6):739–769, November 2018. CODEN ???? ISSN 1433-2779 (print), 1433-2787 (electronic). URL <https://link.springer.com/article/10.1007/s10009-018-0500-y>.

Beyer:2019:RBR

- [714] Dirk Beyer, Stefan Löwe, and Philipp Wendler. Reliable benchmarking: requirements and solutions. *International Journal on Software Tools for Technology Transfer (STTT)*, 21(1):1–29, February 2019. CODEN ???? ISSN 1433-2779 (print), 1433-2787 (electronic). URL <https://link.springer.com/article/10.1007/s10009-017-0469-y>. See correction [885].

Bartocci:2019:FIC

- [715] Ezio Bartocci, Yliès Falcone, Borzoo Bonakdarpour, Christian Colombo, Normann Decker, Klaus Havelund, Yogi Joshi, Felix Klaedtke, Reed Milewicz, Giles Reger, Grigore Rosu, Julien Signoles, Daniel Thoma, Eugen Zalinescu, and Yi Zhang. First international Competition on Runtime Verification: rules, benchmarks, tools, and final results of CRV 2014. *International Journal on Software Tools for Technology Transfer (STTT)*, 21(1):31–70, February 2019.

CODEN ???? ISSN 1433-2779 (print), 1433-2787 (electronic). URL <https://link.springer.com/article/10.1007/s10009-017-0454-5>; <https://link.springer.com/content/pdf/10.1007/s10009-017-0454-5.pdf>.

Fellner:2019:GPP

- [716] Andreas Fellner and Bruno Woltzenlogel Paleo. Greedy pebbling for proof space compression. *International Journal on Software Tools for Technology Transfer (STTT)*, 21(1):71–86, February 2019. CODEN ???? ISSN 1433-2779 (print), 1433-2787 (electronic). URL <https://link.springer.com/article/10.1007/s10009-017-0459-0>; <https://link.springer.com/content/pdf/10.1007/s10009-017-0459-0.pdf>.

Bak:2019:HAV

- [717] Stanley Bak, Omar Ali Beg, Sergiy Bogomolov, Taylor T. Johnson, Luan Viet Nguyen, and Christian Schilling. Hybrid automata: from verification to implementation. *International Journal on Software Tools for Technology Transfer (STTT)*, 21(1):87–104, February 2019. CODEN ???? ISSN 1433-2779 (print), 1433-2787 (electronic). URL <https://link.springer.com/article/10.1007/s10009-017-0458-1>.

Dashevskiy:2019:TFR

- [718] Stanislav Dashevskiy, Daniel Ricardo dos Santos, Fabio Massacci, and Antonino Sabetta. TestREx: a framework for repeatable exploits. *International Journal on Software Tools for Technology Transfer (STTT)*, 21(1):105–119, February 2019. CODEN ???? ISSN 1433-2779 (print), 1433-2787 (elec-

tronic). URL <https://link.springer.com/article/10.1007/s10009-017-0474-1>.

Routhier:2019:QAR

- [719] Maxime Routhier and Richard St-Denis. A qualitative assessment of α Rby in the perspective of the supervisory control theory. *International Journal on Software Tools for Technology Transfer (STTT)*, 21(2):121–141, April 2019. CODEN ???? ISSN 1433-2779 (print), 1433-2787 (electronic). URL <https://link.springer.com/article/10.1007/s10009-017-0461-6>.

Zaraket:2019:HLM

- [720] Fadi A. Zaraket, Mohamad Jaber, Mohamad Nouredine, and Yliès Falcone. From high-level modeling toward efficient and trustworthy circuits. *International Journal on Software Tools for Technology Transfer (STTT)*, 21(2):143–163, April 2019. CODEN ???? ISSN 1433-2779 (print), 1433-2787 (electronic). URL <https://link.springer.com/article/10.1007/s10009-017-0462-5>.

Fu:2019:FMA

- [721] Chunyan Fu and Kougen Zheng. Formal modeling and analysis of ad hoc Zone Routing Protocol in Event-B. *International Journal on Software Tools for Technology Transfer (STTT)*, 21(2):165–181, April 2019. CODEN ???? ISSN 1433-2779 (print), 1433-2787 (electronic). URL <https://link.springer.com/article/10.1007/s10009-017-0463-4>.

Perez:2019:FSI

- [722] Gervasio Pérez and Sergio Yovine. Formal specification and implementation of an automated pattern-based parallel-code generation framework. *International Journal on Software Tools for Technology Transfer (STTT)*, 21(2):183–202, April 2019. CODEN ???? ISSN 1433-2779 (print), 1433-2787 (electronic). URL <https://link.springer.com/article/10.1007/s10009-017-0465-2>.

Andre:2019:WDA

- [723] Étienne André. What’s decidable about parametric timed automata? *International Journal on Software Tools for Technology Transfer (STTT)*, 21(2):203–219, April 2019. CODEN ???? ISSN 1433-2779 (print), 1433-2787 (electronic). URL <https://link.springer.com/article/10.1007/s10009-017-0467-0>.

Zech:2019:KBS

- [724] Philipp Zech, Michael Felderer, and Ruth Breu. Knowledge-based security testing of web applications by logic programming. *International Journal on Software Tools for Technology Transfer (STTT)*, 21(2):221–246, April 2019. CODEN ???? ISSN 1433-2779 (print), 1433-2787 (electronic). URL <https://link.springer.com/article/10.1007/s10009-017-0472-3>; <https://link.springer.com/content/pdf/10.1007/s10009-017-0472-3.pdf>.

Erdogmus:2019:ISP

- [725] Hakan Erdogmus and Klaus Havelund. Introduction to Selected Papers from SPIN 2017. *International Journal on Software Tools for Technology Transfer*

- (*STTT*), 21(3):247–248, June 2019. CODEN ????. ISSN 1433-2779 (print), 1433-2787 (electronic). URL <https://link.springer.com/article/10.1007/s10009-019-00515-5>; <https://link.springer.com/content/pdf/10.1007/s10009-019-00515-5.pdf>.
- Hua:2019:EED**
- [726] Jinru Hua, Yushan Zhang, Yuqun Zhang, and Sarfraz Khurshid. EdSketch: execution-driven sketching for Java. *International Journal on Software Tools for Technology Transfer (STTT)*, 21(3):249–265, June 2019. CODEN ????. ISSN 1433-2779 (print), 1433-2787 (electronic). URL <https://link.springer.com/article/10.1007/s10009-019-00512-8>.
- Ratiu:2019:IES**
- [727] Daniel Ratiu and Andreas Ulrich. An integrated environment for spin-based c code checking. *International Journal on Software Tools for Technology Transfer (STTT)*, 21(3):267–286, June 2019. CODEN ????. ISSN 1433-2779 (print), 1433-2787 (electronic). URL <https://link.springer.com/article/10.1007/s10009-019-00510-w>.
- Kokologiannakis:2019:SMC**
- [728] Michalis Kokologiannakis and Konstantinos Sagonas. Stateless model checking of the Linux kernel’s read-copy update (RCU). *International Journal on Software Tools for Technology Transfer (STTT)*, 21(3):287–306, June 2019. CODEN ????. ISSN 1433-2779 (print), 1433-2787 (electronic). URL <https://link.springer.com/article/10.1007/s10009-019-00514-6>; <https://link.springer.com/content/pdf/10.1007/s10009-019-00514-6.pdf>.
- Bloemen:2019:MCG**
- [729] Vincent Bloemen, Alexandre Duret-Lutz, and Jaco van de Pol. Model checking with generalized Rabin and Finless automata. *International Journal on Software Tools for Technology Transfer (STTT)*, 21(3):307–324, June 2019. CODEN ????. ISSN 1433-2779 (print), 1433-2787 (electronic). URL <https://link.springer.com/article/10.1007/s10009-019-00508-4>; <https://link.springer.com/content/pdf/10.1007/s10009-019-00508-4.pdf>.
- Fearnley:2019:OAS**
- [730] John Fearnley, Sanjay Jain, Bart de Keijzer, Sven Schewe, Frank Stephan, and Dominik Wojtczak. An ordered approach to solving parity games in quasi-polynomial time and quasi-linear space. *International Journal on Software Tools for Technology Transfer (STTT)*, 21(3):325–349, June 2019. CODEN ????. ISSN 1433-2779 (print), 1433-2787 (electronic). URL <https://link.springer.com/article/10.1007/s10009-019-00509-3>.
- Nikravan:2019:RBA**
- [731] Esmaeel Nikravan and Saeed Parsa. A reasoning-based approach to dynamic domain reduction in test data generation. *International Journal on Software Tools for Technology Transfer (STTT)*, 21(3):351–364, June 2019. CODEN ????. ISSN 1433-2779 (print), 1433-2787 (electronic). URL <https://link.springer.com/article/10.1007/s10009-018-0493-6>.

Parizek:2019:FDC

- [732] Pavel Parízek and Ondrej Lhoták. Fast detection of concurrency errors by state space traversal with randomization and early backtracking. *International Journal on Software Tools for Technology Transfer (STTT)*, 21(4):365–400, August 2019. CODEN ???? ISSN 1433-2779 (print), 1433-2787 (electronic). URL <https://link.springer.com/article/10.1007/s10009-018-0484-7>.

Gurung:2019:PRA

- [733] Amit Gurung, Rajarshi Ray, Ezio Bartocci, Sergiy Bogomolov, and Radu Grosu. Parallel reachability analysis of hybrid systems in XSpeed. *International Journal on Software Tools for Technology Transfer (STTT)*, 21(4):401–423, August 2019. CODEN ???? ISSN 1433-2779 (print), 1433-2787 (electronic). URL <https://link.springer.com/article/10.1007/s10009-018-0485-6>.

Botella:2019:CTS

- [734] Julien Botella, Jean-François Capuron, Frédéric Dadeau, Elizabetha Fournoret, Bruno Legeard, and Florence Schadle. Complementary test selection criteria for model-based testing of security components. *International Journal on Software Tools for Technology Transfer (STTT)*, 21(4):425–448, August 2019. CODEN ???? ISSN 1433-2779 (print), 1433-2787 (electronic). URL <https://link.springer.com/article/10.1007/s10009-018-0489-2>.

Busard:2019:CAM

- [735] Simon Busard, Charles Pecheur, Hongyang

Qu, and Franco Raimondi. Comparing approaches for model-checking strategies under imperfect information and fairness constraints. *International Journal on Software Tools for Technology Transfer (STTT)*, 21(4):449–469, August 2019. CODEN ???? ISSN 1433-2779 (print), 1433-2787 (electronic). URL <https://link.springer.com/article/10.1007/s10009-018-0505-6>.

Tennyson:2019:ASC

- [736] Matthew F. Tennyson. ASAP: a Source Code Authorship Program. *International Journal on Software Tools for Technology Transfer (STTT)*, 21(4):471–484, August 2019. CODEN ???? ISSN 1433-2779 (print), 1433-2787 (electronic). URL <https://link.springer.com/article/10.1007/s10009-019-00517-3>.

Hentschel:2019:SED

- [737] Martin Hentschel, Richard Bubel, and Reiner Hähnle. The Symbolic Execution Debugger (SED): a platform for interactive symbolic execution, debugging, verification and more. *International Journal on Software Tools for Technology Transfer (STTT)*, 21(5):485–513, October 2019. CODEN ???? ISSN 1433-2779 (print), 1433-2787 (electronic). URL <https://link.springer.com/article/10.1007/s10009-018-0490-9>.

Becker:2019:SPE

- [738] Martin Becker, Ravindra Metta, R. Venkatesh, and Samarjit Chakraborty. Scalable and precise estimation and debugging of the worst-case execution time for analysis-friendly processors: a comeback of model checking. *International Jour-*

nal on Software Tools for Technology Transfer (STTT), 21(5):515–543, October 2019. CODEN ???? ISSN 1433-2779 (print), 1433-2787 (electronic). URL <https://link.springer.com/article/10.1007/s10009-018-0497-2>.

Herd:2019:CSB

- [739] Vladimir Herdt, Hoang M. Le, Daniel Große, and Rolf Drechsler. Combining sequentialization-based verification of multi-threaded C programs with symbolic Partial Order Reduction. *International Journal on Software Tools for Technology Transfer (STTT)*, 21(5):545–565, October 2019. CODEN ???? ISSN 1433-2779 (print), 1433-2787 (electronic). URL <https://link.springer.com/article/10.1007/s10009-019-00507-5>.

Gibson-Robinson:2019:SRC

- [740] Thomas Gibson-Robinson and Gavin Lowe. Symmetry reduction in CSP model checking. *International Journal on Software Tools for Technology Transfer (STTT)*, 21(5):567–605, October 2019. CODEN ???? ISSN 1433-2779 (print), 1433-2787 (electronic). URL <https://link.springer.com/article/10.1007/s10009-019-00516-4>; <https://link.springer.com/content/pdf/10.1007/s10009-019-00516-4.pdf>.

terBeek:2019:QVM

- [741] Maurice H. ter Beek and Axel Legay. Quantitative variability modelling and analysis. *International Journal on Software Tools for Technology Transfer (STTT)*, 21(6):607–612, December

2019. CODEN ???? ISSN 1433-2779 (print), 1433-2787 (electronic). URL <https://link.springer.com/article/10.1007/s10009-019-00535-1>.

Luthmann:2019:SSP

- [742] Lars Luthmann, Timo Gerech, and Malte Lochau. Sampling strategies for product lines with unbounded parametric real-time constraints. *International Journal on Software Tools for Technology Transfer (STTT)*, 21(6):613–633, December 2019. CODEN ???? ISSN 1433-2779 (print), 1433-2787 (electronic). URL <https://link.springer.com/article/10.1007/s10009-019-00532-4>.

Cordy:2019:VAR

- [743] Maxime Cordy and Axel Legay. Verification and abstraction of real-time variability-intensive systems. *International Journal on Software Tools for Technology Transfer (STTT)*, 21(6):635–649, December 2019. CODEN ???? ISSN 1433-2779 (print), 1433-2787 (electronic). URL <https://link.springer.com/article/10.1007/s10009-019-00537-z>.

Herrmann:2019:CIP

- [744] Linda Herrmann, Martin Küttler, Tobias Stumpf, Christel Baier, Hermann Härtig, and Sascha Klüppelholz. Configuration of inter-process communication with probabilistic model checking. *International Journal on Software Tools for Technology Transfer (STTT)*, 21(6):651–666, December 2019. CODEN ???? ISSN 1433-2779 (print), 1433-2787 (electronic). URL <https://link.springer.com/>

article/10.1007/s10009-019-00536-0.

Russo:2020:MBS

Fahrenberg:2019:QPF

- [745] Uli Fahrenberg and Axel Legay. Quantitative properties of featured automata. *International Journal on Software Tools for Technology Transfer (STTT)*, 21(6):667–677, December 2019. CODEN ????? ISSN 1433-2779 (print), 1433-2787 (electronic). URL <https://link.springer.com/article/10.1007/s10009-019-00538-y>.

Basile:2019:ASC

- [746] Davide Basile. Applying supervisory control synthesis to priced featured automata and energy problems. *International Journal on Software Tools for Technology Transfer (STTT)*, 21(6):679–689, December 2019. CODEN ????? ISSN 1433-2779 (print), 1433-2787 (electronic). URL <https://link.springer.com/article/10.1007/s10009-019-00533-3>.

Damiani:2019:ARD

- [747] Ferruccio Damiani, Michael Lienhardt, and Luca Paolini. Automatic refactoring of delta-oriented SPLs to remove-free form and replace-free form. *International Journal on Software Tools for Technology Transfer (STTT)*, 21(6):691–707, December 2019. CODEN ????? ISSN 1433-2779 (print), 1433-2787 (electronic). URL <https://link.springer.com/article/10.1007/s10009-019-00534-2>.

- [748] Alessandra Russo and Andy Schürr. Model-based software quality assurance tools and techniques presented at FASE 2018. *International Journal on Software Tools for Technology Transfer (STTT)*, 22(1):1–2, February 2020. CODEN ????? ISSN 1433-2779 (print), 1433-2787 (electronic). URL <https://link.springer.com/article/10.1007/s10009-019-00541-3>.

Gioulekas:2020:CCM

- [749] Fotios Gioulekas, Peter Poplavko, Panagiotis Katsaros, Saddek Bensalem, and Pedro Palomo. Correct-by-construction model-based design of reactive streaming software for multi-core embedded systems. *International Journal on Software Tools for Technology Transfer (STTT)*, 22(1):3–32, February 2020. CODEN ????? ISSN 1433-2779 (print), 1433-2787 (electronic). URL <https://link.springer.com/article/10.1007/s10009-019-00521-7>. See correction [750].

Gioulekas:2020:CCC

- [750] Fotios Gioulekas, Peter Poplavko, Panagiotis Katsaros, Saddek Bensalem, and Pedro Palomo. Correction to: Correct-by-construction model-based design of reactive streaming software for multi-core embedded systems. *International Journal on Software Tools for Technology Transfer (STTT)*, 22(1):33–34, February 2020. CODEN ????? ISSN 1433-2779 (print), 1433-2787 (electronic). URL <https://link.springer.com/article/10.1007/s10009-019-00523-5>; <https://link.springer.com/article/10.1007/s10009-019-00523-5>.

com/content/pdf/10.1007/s10009-019-00523-5.pdf. See [749].

Dimovski:2020:CFB

- [751] Aleksandar S. Dimovski. CTL* family-based model checking using variability abstractions and modal transition systems. *International Journal on Software Tools for Technology Transfer (STTT)*, 22(1):35–55, February 2020. CODEN ????? ISSN 1433-2779 (print), 1433-2787 (electronic). URL <https://link.springer.com/article/10.1007/s10009-019-00528-0>.

Semerath:2020:DGM

- [752] Oszkár Semeráth, Rebeka Farkas, Gábor Bergmann, and Dániel Varró. Diversity of graph models and graph generators in mutation testing. *International Journal on Software Tools for Technology Transfer (STTT)*, 22(1):57–78, February 2020. CODEN ????? ISSN 1433-2779 (print), 1433-2787 (electronic). URL <https://link.springer.com/article/10.1007/s10009-019-00530-6>; <https://link.springer.com/content/pdf/10.1007/s10009-019-00530-6.pdf>.

Bur:2020:DGQ

- [753] Márton Búr, Gábor Szilágyi, András Vörös, and Dániel Varró. Distributed graph queries over models@run.time for runtime monitoring of cyber-physical systems. *International Journal on Software Tools for Technology Transfer (STTT)*, 22(1):79–102, February 2020. CODEN ????? ISSN 1433-2779 (print), 1433-2787 (electronic). URL <https://link.springer.com/article/10.1007/s10009-019-00531-5>; <https://link.springer.com/content/pdf/10.1007/s10009-019-00531-5.pdf>.

[//link.springer.com/content/pdf/10.1007/s10009-019-00531-5.pdf](https://link.springer.com/content/pdf/10.1007/s10009-019-00531-5.pdf).

Gallardo:2020:ISI

- [754] María del Mar Gallardo and Pedro Merino. Introduction to the special issue devoted to SPIN 2018. *International Journal on Software Tools for Technology Transfer (STTT)*, 22(2):103–104, April 2020. CODEN ????? ISSN 1433-2779 (print), 1433-2787 (electronic). URL <https://link.springer.com/article/10.1007/s10009-020-00550-7>; <https://link.springer.com/content/pdf/10.1007/s10009-020-00550-7.pdf>.

Panizo:2020:MBT

- [755] Laura Panizo, Almudena Díaz, and Bruno García. Model-based testing of apps in real network scenarios. *International Journal on Software Tools for Technology Transfer (STTT)*, 22(2):105–114, April 2020. CODEN ????? ISSN 1433-2779 (print), 1433-2787 (electronic). URL <https://link.springer.com/article/10.1007/s10009-019-00518-2>.

Chalupa:2020:JFM

- [756] Marek Chalupa, Jan Strejcek, and Martina Vitovská. Joint forces for memory safety checking revisited. *International Journal on Software Tools for Technology Transfer (STTT)*, 22(2):115–133, April 2020. CODEN ????? ISSN 1433-2779 (print), 1433-2787 (electronic). URL <https://link.springer.com/article/10.1007/s10009-019-00526-2>.

Lange:2020:ISM

- [757] Tim Lange, Martin R. Neuhäüßer, Thomas Noll, and Joost-Pieter Ka-

toen. IC3 software model checking. *International Journal on Software Tools for Technology Transfer (STTT)*, 22(2):135–161, April 2020. CODEN ???? ISSN 1433-2779 (print), 1433-2787 (electronic). URL <https://link.springer.com/article/10.1007/s10009-019-00547-x>.

Berthomieu:2020:CPN

- [758] Bernard Berthomieu, Didier Le Botlan, and Silvano Dal Zilio. Counting Petri net markings from reduction equations. *International Journal on Software Tools for Technology Transfer (STTT)*, 22(2):163–181, April 2020. CODEN ???? ISSN 1433-2779 (print), 1433-2787 (electronic). URL <https://link.springer.com/article/10.1007/s10009-019-00519-1>.

Allawi:2020:GPS

- [759] Hamzeh M. Allawi, Waref Al Manaseer, and Mohammad Al Shraideh. A greedy particle swarm optimization (GPSO) algorithm for testing real-world smart card applications. *International Journal on Software Tools for Technology Transfer (STTT)*, 22(2):183–194, April 2020. CODEN ???? ISSN 1433-2779 (print), 1433-2787 (electronic). URL <https://link.springer.com/article/10.1007/s10009-018-00506-y>.

Buonamici:2020:SLM

- [760] Fabrizio Banci Buonamici, Gina Belmonte, Vincenzo Ciancia, Diego Latella, and Mieke Massink. Spatial logics and model checking for medical imaging. *International Journal on Software Tools for Technology Transfer (STTT)*, 22(2):195–217, April

2020. CODEN ???? ISSN 1433-2779 (print), 1433-2787 (electronic). URL <https://link.springer.com/article/10.1007/s10009-019-00511-9>.

Mkaouar:2020:FAA

- [761] Hana Mkaouar, Bechir Zalila, Jérôme Hugues, and Mohamed Jmaiel. A formal approach to AADL model-based software engineering. *International Journal on Software Tools for Technology Transfer (STTT)*, 22(2):219–247, April 2020. CODEN ???? ISSN 1433-2779 (print), 1433-2787 (electronic). URL <https://link.springer.com/article/10.1007/s10009-019-00513-7>.

Butler:2020:ISS

- [762] Michael Butler, Thai Son Hoang, Alexander Raschke, and Klaus Reichl. Introduction to special section on the ABZ 2018 case study: Hybrid ERTMS/ETCS Level 3. *International Journal on Software Tools for Technology Transfer (STTT)*, 22(3):249–255, June 2020. CODEN ???? ISSN 1433-2779 (print), 1433-2787 (electronic). URL <https://link.springer.com/article/10.1007/s10009-020-00562-3>; <https://link.springer.com/content/pdf/10.1007/s10009-020-00562-3.pdf>.

Abrial:2020:ACS

- [763] Jean-Raymond Abrial. The ABZ-2018 case study with Event-B. *International Journal on Software Tools for Technology Transfer (STTT)*, 22(3):257–264, June 2020. CODEN ???? ISSN 1433-2779 (print), 1433-2787 (electronic). URL <https://link.springer.com/article/10.1007/s10009-019-00525-3>.

Arcaini:2020:VHE

- [764] Paolo Arcaini, Jan Kofron, and Pavel Jezek. Validation of the Hybrid ERTMS/ETCS Level 3 using Spin. *International Journal on Software Tools for Technology Transfer (STTT)*, 22(3):265–279, June 2020. CODEN ???? ISSN 1433-2779 (print), 1433-2787 (electronic). URL <https://link.springer.com/article/10.1007/s10009-019-00539-x>.

Cunha:2020:VHE

- [765] Alcino Cunha and Nuno Macedo. Validating the Hybrid ERTMS/ETCS Level 3 concept with Electrum. *International Journal on Software Tools for Technology Transfer (STTT)*, 22(3):281–296, June 2020. CODEN ???? ISSN 1433-2779 (print), 1433-2787 (electronic). URL <https://link.springer.com/article/10.1007/s10009-019-00540-4>.

Dghaym:2020:FHE

- [766] Dana Dghaym, Mohammadsadegh Dalvandi, Michael Poppleton, and Colin Snook. Formalising the Hybrid ERTMS Level 3 specification in iUML-B and Event-B. *International Journal on Software Tools for Technology Transfer (STTT)*, 22(3):297–313, June 2020. CODEN ???? ISSN 1433-2779 (print), 1433-2787 (electronic). URL <https://link.springer.com/article/10.1007/s10009-019-00548-w>; <https://link.springer.com/content/pdf/10.1007/s10009-019-00548-w.pdf>.

Hansen:2020:VRL

- [767] Dominik Hansen, Michael Leuschel, Philipp Körner, Sebastian Krings, Thomas Naulin, Nader Nayeri, David

Schneider, and Frank Skowron. Validation and real-life demonstration of ETCS hybrid level 3 principles using a formal B model. *International Journal on Software Tools for Technology Transfer (STTT)*, 22(3):315–332, June 2020. CODEN ???? ISSN 1433-2779 (print), 1433-2787 (electronic). URL <https://link.springer.com/article/10.1007/s10009-020-00551-6>; <https://link.springer.com/content/pdf/10.1007/s10009-020-00551-6.pdf>.

Mammar:2020:FRB

- [768] Amel Mammar, Marc Frappier, Steve Jeffrey Tueno Fotso, and Régine Laleau. A formal refinement-based analysis of the hybrid ERTMS/ETCS Level 3 standard. *International Journal on Software Tools for Technology Transfer (STTT)*, 22(3):333–347, June 2020. CODEN ???? ISSN 1433-2779 (print), 1433-2787 (electronic). URL <https://link.springer.com/article/10.1007/s10009-019-00543-1>.

Fotso:2020:MHE

- [769] Steve Jeffrey Tueno Fotso, Marc Frappier, Régine Laleau, and Amel Mammar. Modeling the hybrid ERTMS/ETCS Level 3 standard using a formal requirements engineering approach. *International Journal on Software Tools for Technology Transfer (STTT)*, 22(3):349–363, June 2020. CODEN ???? ISSN 1433-2779 (print), 1433-2787 (electronic). URL <https://link.springer.com/article/10.1007/s10009-019-00542-2>.

Parsai:2020:CMC

- [770] Ali Parsai and Serge Demeyer. Comparing mutation coverage against branch

coverage in an industrial setting. *International Journal on Software Tools for Technology Transfer (STTT)*, 22(4):365–388, August 2020. CODEN ????. ISSN ????. URL <https://link.springer.com/article/10.1007/s10009-020-00567-y>.

DeNicola:2020:REC

- [771] Rocco De Nicola, Stefan Jähnichen, and Martin Wirsing. Rigorous engineering of collective adaptive systems: special section. *International Journal on Software Tools for Technology Transfer (STTT)*, 22(4):389–397, August 2020. CODEN ????. ISSN ????. URL <https://link.springer.com/article/10.1007/s10009-020-00565-0>.

Abeywickrama:2020:SAE

- [772] Dhaminda B. Abeywickrama, Nicola Bicocchi, and Franco Zambonelli. The SOTA approach to engineering collective adaptive systems. *International Journal on Software Tools for Technology Transfer (STTT)*, 22(4):399–415, August 2020. CODEN ????. ISSN ????. URL <https://link.springer.com/article/10.1007/s10009-020-00554-3>.

BenMahfoudh:2020:LBC

- [773] Housseem Ben Mahfoudh, Giovanna Di Marzo Serugendo, and Nabil Abdennadher. Learning-based coordination model for spontaneous self-composition of reliable services in a distributed system. *International Journal on Software Tools for Technology Transfer (STTT)*, 22(4):417–436, August 2020. CODEN ????. ISSN ????. URL <https://link.springer.com/>

[article/10.1007/s10009-020-00557-0](https://link.springer.com/article/10.1007/s10009-020-00557-0).

DeNicola:2020:DFD

- [774] Rocco De Nicola, Alessandro Maggi, and Joseph Sifakis. The DReAM framework for dynamic reconfigurable architecture modelling: theory and applications. *International Journal on Software Tools for Technology Transfer (STTT)*, 22(4):437–455, August 2020. CODEN ????. ISSN ????. URL <https://link.springer.com/article/10.1007/s10009-020-00555-2>.

Gabor:2020:SCP

- [775] Thomas Gabor, Andreas Sedlmeier, and Claudia Linnhoff-Popien. The scenario coevolution paradigm: adaptive quality assurance for adaptive systems. *International Journal on Software Tools for Technology Transfer (STTT)*, 22(4):457–476, August 2020. CODEN ????. ISSN ????. URL <https://link.springer.com/article/10.1007/s10009-020-00560-5>.

Alrahman:2020:DAC

- [776] Yehia Abd Alrahman and Giulio Garbi. A distributed API for coordinating AbC programs. *International Journal on Software Tools for Technology Transfer (STTT)*, 22(4):477–496, August 2020. CODEN ????. ISSN ????. URL <https://link.springer.com/article/10.1007/s10009-020-00553-4>.

Bures:2020:LFD

- [777] Tomas Bures, Ilias Gerostathopoulos, and Jan Kofron. A language and framework for dynamic component ensembles

in smart systems. *International Journal on Software Tools for Technology Transfer (STTT)*, 22(4):497–509, August 2020. CODEN ???? ISSN ???? URL <https://link.springer.com/article/10.1007/s10009-020-00558-z>.

AlAli:2020:TAC

- [778] Rima Al Ali, Tomas Bures, and Jiri Vinarek. Toward autonomically composable and context-dependent access control specification through ensembles. *International Journal on Software Tools for Technology Transfer (STTT)*, 22(4):511–522, August 2020. CODEN ???? ISSN ???? URL <https://link.springer.com/article/10.1007/s10009-020-00556-1>.

Ceska:2020:ARF

- [779] Milan Ceska, Vojtech Havlena, and Tomáš Vojnar. Approximate reduction of finite automata for high-speed network intrusion detection. *International Journal on Software Tools for Technology Transfer (STTT)*, 22(5):523–539, October 2020. CODEN ???? ISSN ???? URL <https://link.springer.com/article/10.1007/s10009-019-00520-8>.

Amparore:2020:VOM

- [780] Elvio G. Amparore, Susanna Donatelli, and Gianfranco Ciardo. Variable order metrics for decision diagrams in system verification. *International Journal on Software Tools for Technology Transfer (STTT)*, 22(5):541–562, October 2020. CODEN ???? ISSN ???? URL <https://link.springer.com/article/10.1007/s10009-019-00522-6>.

Biondi:2020:ISI

- [781] Fabrizio Biondi, Thomas Given-Wilson, and Axel Legay. Introduction to the special issue for SPIN 2019. *International Journal on Software Tools for Technology Transfer (STTT)*, 22(5):563–564, October 2020. CODEN ???? ISSN ???? URL <https://link.springer.com/article/10.1007/s10009-020-00580-1>.

Metzler:2020:EST

- [782] Patrick Metzler, Neeraj Suri, and Georg Weissenbacher. Extracting safe thread schedules from incomplete model checking results. *International Journal on Software Tools for Technology Transfer (STTT)*, 22(5):565–581, October 2020. CODEN ???? ISSN ???? URL <https://link.springer.com/article/10.1007/s10009-020-00575-y>.

DeFrancisco:2020:SMC

- [783] Richard DeFrancisco, Shenghsun Cho, and Scott A. Smolka. Swarm model checking on the GPU. *International Journal on Software Tools for Technology Transfer (STTT)*, 22(5):583–599, October 2020. CODEN ???? ISSN ???? URL <https://link.springer.com/article/10.1007/s10009-020-00576-x>.

Usman:2020:SLL

- [784] Muhammad Usman, Wenxi Wang, and Sarfraz Khurshid. A study of learning likely data structure properties using machine learning models. *International Journal on Software Tools for Technology Transfer (STTT)*, 22(5):601–615, October 2020. CODEN ???? ISSN ???? URL <https://link.springer.com/article/10.1007/s10009-020-00576-x>.

URL <https://link.springer.com/article/10.1007/s10009-020-00577-w>.

Yousefi:2020:VFV

- [785] Farnaz Yousefi, Ehsan Khamespanah, and Ali Movaghar. VeriVANca framework: verification of VANETs by property-based message passing of actors in Rebeca with inheritance. *International Journal on Software Tools for Technology Transfer (STTT)*, 22(5):617–633, October 2020. CODEN ???? ISSN ???? URL <https://link.springer.com/article/10.1007/s10009-020-00579-8>.

Enevoldsen:2020:DGA

- [786] Søren Enevoldsen, Kim G. Larsen, and Jiri Srba. Dependency graphs with applications to verification. *International Journal on Software Tools for Technology Transfer (STTT)*, 22(5):635–654, October 2020. CODEN ???? ISSN ???? URL <https://link.springer.com/article/10.1007/s10009-020-00578-9>.

Li:2020:RFS

- [787] Yi Li, Wenyuan Wu, and Yong Feng. On ranking functions for single-path linear-constraint loops. *International Journal on Software Tools for Technology Transfer (STTT)*, 22(6):655–666, December 2020. CODEN ???? ISSN ???? URL <https://link.springer.com/article/10.1007/s10009-019-00549-9>.

Couto:2020:ECI

- [788] Luis Diogo Couto, Peter W. V. Tran-Jørgensen, and Peter Gorm Larsen. Enabling continuous integration in a formal

methods setting. *International Journal on Software Tools for Technology Transfer (STTT)*, 22(6):667–683, December 2020. CODEN ???? ISSN ???? URL <https://link.springer.com/article/10.1007/s10009-019-00546-y>.

Beyer:2020:TCA

- [789] Dirk Beyer and Marieke Huisman. Tools for the construction and analysis of systems. *International Journal on Software Tools for Technology Transfer (STTT)*, 22(6):685–687, December 2020. CODEN ???? ISSN ???? URL <https://link.springer.com/article/10.1007/s10009-020-00581-0>.

Dragomir:2020:RCR

- [790] Iulia Dragomir, Viorel Preoteasa, and Stavros Tripakis. The Refinement Calculus of Reactive Systems Toolset. *International Journal on Software Tools for Technology Transfer (STTT)*, 22(6):689–708, December 2020. CODEN ???? ISSN ???? URL <https://link.springer.com/article/10.1007/s10009-020-00561-4>.

Summers:2020:ADV

- [791] Alexander J. Summers and Peter Müller. Automating deductive verification for weak-memory programs (extended version). *International Journal on Software Tools for Technology Transfer (STTT)*, 22(6):709–728, December 2020. CODEN ???? ISSN ???? URL <https://link.springer.com/article/10.1007/s10009-020-00559-y>.

Finkbeiner:2020:EMH

- [792] Bernd Finkbeiner, Christopher Hahn, and Leander Tentrup. Efficient monitoring of hyperproperties using prefix trees. *International Journal on Software Tools for Technology Transfer (STTT)*, 22(6):729–740, December 2020. CODEN ???? ISSN ???? URL <https://link.springer.com/article/10.1007/s10009-020-00552-5>.

Nickovic:2020:AQQ

- [793] Dejan Nicković, Olivier Lebeltel, and Dogan Ulus. AMT 2.0: qualitative and quantitative trace analysis with extended signal temporal logic. *International Journal on Software Tools for Technology Transfer (STTT)*, 22(6):741–758, December 2020. CODEN ???? ISSN ???? URL <https://link.springer.com/article/10.1007/s10009-020-00582-z>.

Budde:2020:ESM

- [794] Carlos E. Budde, Pedro R. D’Argenio, and Sean Sedwards. An efficient statistical model checker for nondeterminism and rare events. *International Journal on Software Tools for Technology Transfer (STTT)*, 22(6):759–780, December 2020. CODEN ???? ISSN ???? URL <https://link.springer.com/article/10.1007/s10009-020-00563-2>.

Giantamidis:2021:LMM

- [795] Georgios Giantamidis, Stavros Tripakis, and Stylianos Basagiannis. Learning Moore machines from input–output traces. *International Journal on Software Tools for Technology*

Transfer (STTT), 23(1):1–29, February 2021. CODEN ???? ISSN ???? URL <https://link.springer.com/article/10.1007/s10009-019-00544-0>.

Alvin:2021:SGU

- [796] Chris Alvin, Brian Peterson, and Supratik Mukhopadhyay. Static generation of UML sequence diagrams. *International Journal on Software Tools for Technology Transfer (STTT)*, 23(1):31–53, February 2021. CODEN ???? ISSN ???? URL <https://link.springer.com/article/10.1007/s10009-019-00545-z>.

Yuan:2021:DML

- [797] Yue Yuan, Yi Li, and Wenchang Shi. Detecting multiphase linear ranking functions for single-path linear-constraint loops. *International Journal on Software Tools for Technology Transfer (STTT)*, 23(1):55–67, February 2021. CODEN ???? ISSN ???? URL <https://link.springer.com/article/10.1007/s10009-019-00527-1>.

Kammuller:2021:MCC

- [798] Florian Kammüller, Axel Legay, and Stefano Schivo. Masterminding change by combining secure system design with security risk assessment. *International Journal on Software Tools for Technology Transfer (STTT)*, 23(1):69–70, February 2021. CODEN ???? ISSN ???? URL <https://link.springer.com/article/10.1007/s10009-020-00595-8>.

Ferrara:2021:SAD

- [799] Pietro Ferrara, Amit Kr Mandal, and Fausto Spoto. Static analysis for discov-

ering IoT vulnerabilities. *International Journal on Software Tools for Technology Transfer (STTT)*, 23(1):71–88, February 2021. CODEN ???? ISSN ???? URL <https://link.springer.com/article/10.1007/s10009-020-00592-x>.

Hansen:2021:APL

- [800] René Rydhof Hansen, Kim Guldstrand Larsen, and Danny Bøgsted Poulsen. ADTLang: a programming language approach to attack defense trees. *International Journal on Software Tools for Technology Transfer (STTT)*, 23(1):89–104, February 2021. CODEN ???? ISSN ???? URL <https://link.springer.com/article/10.1007/s10009-020-00593-w>.

Shakhov:2021:GBT

- [801] Vladimir Shakhov and Insoo Koo. Graph-based technique for survivability assessment and optimization of IoT applications. *International Journal on Software Tools for Technology Transfer (STTT)*, 23(1):105–114, February 2021. CODEN ???? ISSN ???? URL <https://link.springer.com/article/10.1007/s10009-020-00594-9>.

Alhawi:2021:VRC

- [802] Omar M. Alhawi, Herbert Rocha, and Eddie Batista. Verification and refutation of C programs based on k -induction and invariant inference. *International Journal on Software Tools for Technology Transfer (STTT)*, 23(2):115–135, April 2021. CODEN ???? ISSN 1433-2779 (print), 1433-2787 (electronic). URL <https://link.springer.com/>

[article/10.1007/s10009-020-00564-1](https://link.springer.com/article/10.1007/s10009-020-00564-1).

Khoury:2021:ABM

- [803] Raphaël Khoury, Sylvain Hallé, and Yannick Lebrun. Automata-based monitoring for LTL-FO⁺. *International Journal on Software Tools for Technology Transfer (STTT)*, 23(2):137–154, April 2021. CODEN ???? ISSN 1433-2779 (print), 1433-2787 (electronic). URL <https://link.springer.com/article/10.1007/s10009-020-00566-z>.

Leucker:2021:P

- [804] Martin Leucker and Christian Colombo. Preface. *International Journal on Software Tools for Technology Transfer (STTT)*, 23(2):155–156, April 2021. CODEN ???? ISSN 1433-2779 (print), 1433-2787 (electronic). URL <https://link.springer.com/article/10.1007/s10009-021-00610-6>.

Gorostiaga:2021:SRV

- [805] Felipe Gorostiaga and César Sánchez. Stream runtime verification of real-time event streams with the Striver language. *International Journal on Software Tools for Technology Transfer (STTT)*, 23(2):157–183, April 2021. CODEN ???? ISSN 1433-2779 (print), 1433-2787 (electronic). URL <https://link.springer.com/article/10.1007/s10009-021-00605-3>.

Schneider:2021:SOF

- [806] Joshua Schneider, David Basin, and Dmitriy Traytel. Scalable online first-order monitoring. *International Journal on Software Tools for Technology*

Transfer (STTT), 23(2):185–208, April 2021. CODEN ???? ISSN 1433-2779 (print), 1433-2787 (electronic). URL <https://link.springer.com/article/10.1007/s10009-021-00607-1>.

Reger:2021:PTS

- [807] Giles Reger and David Rydeheard. From parametric trace slicing to rule systems. *International Journal on Software Tools for Technology Transfer (STTT)*, 23(2):209–228, April 2021. CODEN ???? ISSN 1433-2779 (print), 1433-2787 (electronic). URL <https://link.springer.com/article/10.1007/s10009-021-00608-0>.

Bouyer:2021:DTA

- [808] Patricia Bouyer, Léo Henry, and Nicolas Markey. Diagnosing timed automata using timed markings. *International Journal on Software Tools for Technology Transfer (STTT)*, 23(2):229–253, April 2021. CODEN ???? ISSN 1433-2779 (print), 1433-2787 (electronic). URL <https://link.springer.com/article/10.1007/s10009-021-00606-2>.

Falcone:2021:TCR

- [809] Yliès Falcone, Srđan Krstić, and Dmitriy Traytel. A taxonomy for classifying runtime verification tools. *International Journal on Software Tools for Technology Transfer (STTT)*, 23(2): 255–284, April 2021. CODEN ???? ISSN 1433-2779 (print), 1433-2787 (electronic). URL <https://link.springer.com/article/10.1007/s10009-021-00609-z>.

Hahnle:2021:AMA

- [810] Reiner Hahnle and Wil van der Aalst. Automated model analysis tools and techniques presented at FASE 2019. *International Journal on Software Tools for Technology Transfer (STTT)*, 23(3):285–287, June 2021. CODEN ???? ISSN 1433-2779 (print), 1433-2787 (electronic). URL <https://link.springer.com/article/10.1007/s10009-020-00589-6>.

Boronat:2021:IER

- [811] Artur Boronat. Incremental execution of rule-based model transformation. *International Journal on Software Tools for Technology Transfer (STTT)*, 23(3):289–311, June 2021. CODEN ???? ISSN 1433-2779 (print), 1433-2787 (electronic). URL <https://link.springer.com/article/10.1007/s10009-020-00583-y>.

Beyer:2021:CVB

- [812] Dirk Beyer and Marie-Christine Jakobs. Cooperative verifier-based testing with CoVeriTest. *International Journal on Software Tools for Technology Transfer (STTT)*, 23(3):313–333, June 2021. CODEN ???? ISSN 1433-2779 (print), 1433-2787 (electronic). URL <https://link.springer.com/article/10.1007/s10009-020-00587-8>.

Fritsche:2021:AUI

- [813] Lars Fritsche, Jens Kosiol, and Gabriele Taentzer. Avoiding unnecessary information loss: correct and efficient model synchronization based on triple graph grammars. *International Journal on Software Tools for Technology*

Transfer (STTT), 23(3):335–368, June 2021. CODEN ???? ISSN 1433-2779 (print), 1433-2787 (electronic). URL <https://link.springer.com/article/10.1007/s10009-020-00588-7>.

Schneider:2021:LBI

- [814] Sven Schneider, Leen Lambers, and Fernando Orejas. A logic-based incremental approach to graph repair featuring delta preservation. *International Journal on Software Tools for Technology Transfer (STTT)*, 23(3):369–410, June 2021. CODEN ???? ISSN 1433-2779 (print), 1433-2787 (electronic). URL <https://link.springer.com/article/10.1007/s10009-020-00584-x>.

Schneider:2021:FTT

- [815] Sven Schneider, Maria Maximova, and Holger Giese. Formal testing of timed graph transformation systems using metric temporal graph logic. *International Journal on Software Tools for Technology Transfer (STTT)*, 23(3):411–488, June 2021. CODEN ???? ISSN 1433-2779 (print), 1433-2787 (electronic). URL <https://link.springer.com/article/10.1007/s10009-020-00585-w>.

Dubrulle:2021:PDF

- [816] Paul Dubrulle, Nikolai Kosmatov, and Arnault Lapitre. PolyGraph: a data flow model with frequency arithmetic. *International Journal on Software Tools for Technology Transfer (STTT)*, 23(3):489–517, June 2021. CODEN ???? ISSN 1433-2779 (print), 1433-2787 (electronic). URL <https://link.springer.com/article/10.1007/s10009-020-00586-9>. See correction [817].

Dubrulle:2021:CPD

- [817] Paul Dubrulle, Nikolai Kosmatov, and Arnault Lapitre. Correction to: PolyGraph: a data flow model with frequency arithmetic. *International Journal on Software Tools for Technology Transfer (STTT)*, 23(3):519, June 2021. CODEN ???? ISSN 1433-2779 (print), 1433-2787 (electronic). URL <https://link.springer.com/article/10.1007/s10009-020-00590-z>. See [816].

Frohme:2021:CLM

- [818] Markus Frohme and Bernhard Steffen. Compositional learning of mutually recursive procedural systems. *International Journal on Software Tools for Technology Transfer (STTT)*, 23(4):521–543, August 2021. CODEN ???? ISSN 1433-2779 (print), 1433-2787 (electronic). URL <https://link.springer.com/article/10.1007/s10009-021-00634-y>.

Finkbeiner:2021:ISI

- [819] Bernd Finkbeiner and Leonardo Mariani. Introduction to the special issue of the 19th International Conference on Runtime Verification. *International Journal on Software Tools for Technology Transfer (STTT)*, 23(4):545–546, August 2021. CODEN ???? ISSN 1433-2779 (print), 1433-2787 (electronic). URL <https://link.springer.com/article/10.1007/s10009-021-00621-3>.

Havelund:2021:EFO

- [820] Klaus Havelund and Doron Peled. An extension of first-order LTL with rules with application to runtime verification. *International Journal on*

Software Tools for Technology Transfer (STTT), 23(4):547–563, August 2021. CODEN ????? ISSN 1433-2779 (print), 1433-2787 (electronic). URL <https://link.springer.com/article/10.1007/s10009-021-00626-y>.

Nickovic:2021:SDT

- [821] Dejan Nicković, Xin Qin, and Jyotirmoy Deshmukh. Specifying and detecting temporal patterns with shape expressions. *International Journal on Software Tools for Technology Transfer (STTT)*, 23(4):565–577, August 2021. CODEN ????? ISSN 1433-2779 (print), 1433-2787 (electronic). URL <https://link.springer.com/article/10.1007/s10009-021-00627-x>.

Kauffman:2021:WCW

- [822] Sean Kauffman, Klaus Havelund, and Sebastian Fischmeister. What can we monitor over unreliable channels? *International Journal on Software Tools for Technology Transfer (STTT)*, 23(4):579–600, August 2021. CODEN ????? ISSN 1433-2779 (print), 1433-2787 (electronic). URL <https://link.springer.com/article/10.1007/s10009-021-00625-z>.

Aceto:2021:CCS

- [823] Luca Aceto, Ian Cassar, and Anna Ingólfssdóttir. Comparing controlled system synthesis and suppression enforcement. *International Journal on Software Tools for Technology Transfer (STTT)*, 23(4):601–614, August 2021. CODEN ????? ISSN 1433-2779 (print), 1433-2787 (electronic).

URL <https://link.springer.com/article/10.1007/s10009-021-00624-0>.

Bortolussi:2021:NPM

- [824] Luca Bortolussi, Francesca Cairoli, and Scott D. Stoller. Neural predictive monitoring and a comparison of frequentist and Bayesian approaches. *International Journal on Software Tools for Technology Transfer (STTT)*, 23(4):615–640, August 2021. CODEN ????? ISSN 1433-2779 (print), 1433-2787 (electronic). URL <https://link.springer.com/article/10.1007/s10009-021-00623-1>.

Tizpaz-Niari:2021:QES

- [825] Saeid Tizpaz-Niari, Pavol Cerný, and Ashutosh Trivedi. Quantitative estimation of side-channel leaks with neural networks. *International Journal on Software Tools for Technology Transfer (STTT)*, 23(4):641–654, August 2021. CODEN ????? ISSN 1433-2779 (print), 1433-2787 (electronic). URL <https://link.springer.com/article/10.1007/s10009-021-00622-2>.

Kopetzki:2021:TLL

- [826] Dawid Kopetzki, Michael Lybecait, and Bernhard Steffen. Towards language-to-language transformation. *International Journal on Software Tools for Technology Transfer (STTT)*, 23(5):655–677, October 2021. CODEN ????? ISSN 1433-2779 (print), 1433-2787 (electronic). URL <https://link.springer.com/article/10.1007/s10009-021-00630-2>.

Bliudze:2021:MTR

- [827] Simon Bliudze, Panagiotis Katsaros, and Martin Wirsing. On methods and tools for rigorous system design. *International Journal on Software Tools for Technology Transfer (STTT)*, 23(5):679–684, October 2021. CODEN ???? ISSN 1433-2779 (print), 1433-2787 (electronic). URL <https://link.springer.com/article/10.1007/s10009-021-00632-0>.

Grompanopoulos:2021:SVU

- [828] Christos Grompanopoulos, Antonios Gouglidis, and Anastasia Mavridou. Specifying and verifying usage control models and policies in TLA⁺. *International Journal on Software Tools for Technology Transfer (STTT)*, 23(5):685–700, October 2021. CODEN ???? ISSN 1433-2779 (print), 1433-2787 (electronic). URL <https://link.springer.com/article/10.1007/s10009-020-00600-0>.

ElBallouli:2021:PDR

- [829] Rim El Ballouli, Saddek Bensalem, and Joseph Sifakis. Programming dynamic reconfigurable systems. *International Journal on Software Tools for Technology Transfer (STTT)*, 23(5):701–719, October 2021. CODEN ???? ISSN 1433-2779 (print), 1433-2787 (electronic). URL <https://link.springer.com/article/10.1007/s10009-020-00596-7>.

Han:2021:MBO

- [830] Pujie Han, Zhengjun Zhai, and Ulrik Nyman. Model-based optimization of ARINC-653 partition scheduling. *International Journal on Soft-*

ware Tools for Technology Transfer (STTT), 23(5):721–740, October 2021. CODEN ???? ISSN 1433-2779 (print), 1433-2787 (electronic). URL <https://link.springer.com/article/10.1007/s10009-020-00597-6>.

Blom:2021:CPP

- [831] S. Blom, S. Darabi, and M. Safari. Correct program parallelisations. *International Journal on Software Tools for Technology Transfer (STTT)*, 23(5):741–763, October 2021. CODEN ???? ISSN 1433-2779 (print), 1433-2787 (electronic). URL <https://link.springer.com/article/10.1007/s10009-020-00601-z>.

Lekidis:2021:ECI

- [832] Alexios Lekidis and Panagiotis Katsaros. Energy characterization of IoT systems through design aspect monitoring. *International Journal on Software Tools for Technology Transfer (STTT)*, 23(5):765–781, October 2021. CODEN ???? ISSN 1433-2779 (print), 1433-2787 (electronic). URL <https://link.springer.com/article/10.1007/s10009-020-00598-5>.

Bartocci:2021:CAF

- [833] Ezio Bartocci, Niveditha Manjunath, and Dejan Nicković. CPSDebug: Automatic failure explanation in CPS models. *International Journal on Software Tools for Technology Transfer (STTT)*, 23(5):783–796, October 2021. CODEN ???? ISSN 1433-2779 (print), 1433-2787 (electronic). URL <https://link.springer.com/>

article/10.1007/s10009-020-00599-4.

Bertrand:2021:VRC

- [834] Nathalie Bertrand, Igor Konnov, and Josef Widder. Verification of randomized consensus algorithms under round-rigid adversaries. *International Journal on Software Tools for Technology Transfer (STTT)*, 23(5):797–821, October 2021. CODEN ????? ISSN 1433-2779 (print), 1433-2787 (electronic). URL <https://link.springer.com/article/10.1007/s10009-020-00603-x>. See correction [835].

Bertrand:2021:CVR

- [835] Nathalie Bertrand, Igor Konnov, and Josef Widder. Correction to: Verification of randomized consensus algorithms under round-rigid adversaries. *International Journal on Software Tools for Technology Transfer (STTT)*, 23(5):823, October 2021. CODEN ????? ISSN 1433-2779 (print), 1433-2787 (electronic). URL <https://link.springer.com/article/10.1007/s10009-021-00612-4>. See [834].

Abdulla:2021:CIS

- [836] Parosh Aziz Abdulla, Frédéric Haziza, and Ahmed Rezine. Correction to: An integrated specification and verification technique for highly concurrent data structures. *International Journal on Software Tools for Technology Transfer (STTT)*, 23(5):825, October 2021. CODEN ????? ISSN 1433-2779 (print), 1433-2787 (electronic). URL <https://link.springer.com/article/10.1007/s10009-021-00629-9>. See [662].

Quesel:2021:CHM

- [837] Jan-David Quesel, Stefan Mitsch, and André Platzer. Correction to: How to model and prove hybrid systems with **KeYmaera**: a tutorial on safety. *International Journal on Software Tools for Technology Transfer (STTT)*, 23(5):827, October 2021. CODEN ????? ISSN 1433-2779 (print), 1433-2787 (electronic). URL <https://link.springer.com/article/10.1007/s10009-021-00643-x>. See [595].

Beyer:2021:TCS

- [838] Dirk Beyer and Marieke Huisman. TOOLympics I: Competition on software testing. *International Journal on Software Tools for Technology Transfer (STTT)*, 23(6):829–832, December 2021. CODEN ????? ISSN 1433-2779 (print), 1433-2787 (electronic). URL <https://link.springer.com/article/10.1007/s10009-021-00611-5>.

Beyer:2021:FIG

- [839] Dirk Beyer. First international competition on software testing. *International Journal on Software Tools for Technology Transfer (STTT)*, 23(6):833–846, December 2021. CODEN ????? ISSN 1433-2779 (print), 1433-2787 (electronic). URL <https://link.springer.com/article/10.1007/s10009-021-00613-3>.

Jakobs:2021:CIV

- [840] Marie-Christine Jakobs. CoVeriTest: interleaving value and predicate analysis for test-case generation. *International Journal on Software Tools for Technology Transfer (STTT)*, 23(6):847–851, December 2021. CODEN ?????

ISSN 1433-2779 (print), 1433-2787 (electronic). URL <https://link.springer.com/article/10.1007/s10009-020-00572-1>.

Ruland:2021:CTM

- [841] Sebastian Ruland, Malte Lochau, and Andy Schürr. CPA/Tiger-MGP: test-goal set partitioning for efficient multi-goal test-suite generation. *International Journal on Software Tools for Technology Transfer (STTT)*, 23(6):853–856, December 2021. CODEN ????. ISSN 1433-2779 (print), 1433-2787 (electronic). URL <https://link.springer.com/article/10.1007/s10009-020-00574-z>.

Gadelha:2021:EAT

- [842] Mikhail R. Gadelha, Rafael S. Menezes, and Lucas C. Cordeiro. ESBMC 6.1: automated test case generation using bounded model checking. *International Journal on Software Tools for Technology Transfer (STTT)*, 23(6):857–861, December 2021. CODEN ????. ISSN 1433-2779 (print), 1433-2787 (electronic). URL <https://link.springer.com/article/10.1007/s10009-020-00571-2>.

Lemieux:2021:FTF

- [843] Caroline Lemieux and Koushik Sen. FairFuzz-TC: a fuzzer targeting rare branches. *International Journal on Software Tools for Technology Transfer (STTT)*, 23(6):863–866, December 2021. CODEN ????. ISSN 1433-2779 (print), 1433-2787 (electronic). URL <https://link.springer.com/article/10.1007/s10009-020-00569-w>.

Cadar:2021:KSE

- [844] Cristian Cadar and Martin Nowack. KLEE symbolic execution engine in 2019. *International Journal on Software Tools for Technology Transfer (STTT)*, 23(6):867–870, December 2021. CODEN ????. ISSN 1433-2779 (print), 1433-2787 (electronic). URL <https://link.springer.com/article/10.1007/s10009-020-00570-3>.

Lemberger:2021:PRT

- [845] Thomas Lemberger. Plain random test generation with PRTest. *International Journal on Software Tools for Technology Transfer (STTT)*, 23(6):871–873, December 2021. CODEN ????. ISSN 1433-2779 (print), 1433-2787 (electronic). URL <https://link.springer.com/article/10.1007/s10009-020-00568-x>.

Chalupa:2021:SGT

- [846] Marek Chalupa, Martina Vitovská, and Jan Strejcek. Symbiotic 6: generating test cases by slicing and symbolic execution. *International Journal on Software Tools for Technology Transfer (STTT)*, 23(6):875–877, December 2021. CODEN ????. ISSN 1433-2779 (print), 1433-2787 (electronic). URL <https://link.springer.com/article/10.1007/s10009-020-00573-0>.

Beyer:2021:TIC

- [847] Dirk Beyer, Marieke Huisman, and Bernhard Steffen. TOOLympics II: competitions on formal methods. *International Journal on Software Tools for Technology Transfer (STTT)*, 23(6):879–881, December 2021. CODEN ????

ISSN 1433-2779 (print), 1433-2787 (electronic). URL <https://link.springer.com/article/10.1007/s10009-021-00631-1>.

Dross:2021:VPV

- [848] Claire Dross, Carlo A. Furia, and Peter Müller. VerifyThis 2019: a program verification competition. *International Journal on Software Tools for Technology Transfer (STTT)*, 23(6):883–893, December 2021. CODEN ????. ISSN 1433-2779 (print), 1433-2787 (electronic). URL <https://link.springer.com/article/10.1007/s10009-021-00619-x>.

Sighireanu:2021:SCC

- [849] Mihaela Sighireanu. SL-COMP: competition of solvers for separation logic. *International Journal on Software Tools for Technology Transfer (STTT)*, 23(6):895–903, December 2021. CODEN ????. ISSN 1433-2779 (print), 1433-2787 (electronic). URL <https://link.springer.com/article/10.1007/s10009-021-00628-w>.

Middeldorp:2021:CRE

- [850] Aart Middeldorp, Julian Nagele, and Kiraku Shintani. CoCo 2019: report on the eighth confluence competition. *International Journal on Software Tools for Technology Transfer (STTT)*, 23(6):905–916, December 2021. CODEN ????. ISSN 1433-2779 (print), 1433-2787 (electronic). URL <https://link.springer.com/article/10.1007/s10009-021-00620-4>.

Howar:2021:RCT

- [851] Falk Howar, Marc Jasper, and Bernhard Steffen. The RERS challenge: towards controllable and scalable benchmark synthesis. *International Journal on Software Tools for Technology Transfer (STTT)*, 23(6):917–930, December 2021. CODEN ????. ISSN 1433-2779 (print), 1433-2787 (electronic). URL <https://link.springer.com/article/10.1007/s10009-021-00617-z>.

Kordon:2021:SEM

- [852] Fabrice Kordon, Lom Messan Hillah, and Emmanuel Paviot-Adet. Study of the efficiency of model checking techniques using results of the MCC from 2015 to 2019. *International Journal on Software Tools for Technology Transfer (STTT)*, 23(6):931–952, December 2021. CODEN ????. ISSN 1433-2779 (print), 1433-2787 (electronic). URL <https://link.springer.com/article/10.1007/s10009-021-00615-1>.

Charvat:2022:UPS

- [853] Lukás Charvát, Ales Smrcka, and Tomás Vojnar. Utilizing parametric systems for detection of pipeline hazards. *International Journal on Software Tools for Technology Transfer (STTT)*, 24(1):1–28, February 2022. CODEN ????. ISSN 1433-2779 (print), 1433-2787 (electronic). URL <https://link.springer.com/article/10.1007/s10009-020-00591-y>.

Vojnar:2022:TAC

- [854] Tomás Vojnar and Lijun Zhang. Tools and algorithms for the construction and

analysis of systems: a special issue for TACAS 2019. *International Journal on Software Tools for Technology Transfer (STTT)*, 24(1):29–31, February 2022. CODEN ????? ISSN 1433-2779 (print), 1433-2787 (electronic). URL <https://link.springer.com/article/10.1007/s10009-021-00642-y>.

Stoilkovska:2022:VSS

- [855] Iliana Stoilkovska, Igor Konnov, and Florian Zuleger. Verifying safety of synchronous fault-tolerant algorithms by bounded model checking. *International Journal on Software Tools for Technology Transfer (STTT)*, 24(1):33–48, February 2022. CODEN ????? ISSN 1433-2779 (print), 1433-2787 (electronic). URL <https://link.springer.com/article/10.1007/s10009-021-00637-9>.

Enevoldsen:2022:EAD

- [856] Søren Enevoldsen, Kim Guldstrand Larsen, and Jiri Srba. Extended abstract dependency graphs. *International Journal on Software Tools for Technology Transfer (STTT)*, 24(1):49–65, February 2022. CODEN ????? ISSN 1433-2779 (print), 1433-2787 (electronic). URL <https://link.springer.com/article/10.1007/s10009-021-00638-8>.

Vukmirovic:2022:EBP

- [857] Petar Vukmirović, Jasmin Blanchette, and Stephan Schulz. Extending a brainiac prover to lambda-free higher-order logic. *International Journal on Software Tools for Technology Transfer (STTT)*, 24(1):67–87, February 2022. CODEN ????? ISSN 1433-2779 (print), 1433-2787 (electronic).

URL <https://link.springer.com/article/10.1007/s10009-021-00639-7>.

Babar:2022:CBD

- [858] Junaid Babar, Gianfranco Ciardo, and Andrew Miner. CESRBDDs: binary decision diagrams with complemented edges and edge-specified reductions. *International Journal on Software Tools for Technology Transfer (STTT)*, 24(1):89–109, February 2022. CODEN ????? ISSN 1433-2779 (print), 1433-2787 (electronic). URL <https://link.springer.com/article/10.1007/s10009-021-00640-0>.

Blichia:2022:ULA

- [859] Martin Blichia, Antti E. J. Hyvärinen, and Natasha Sharygina. Using linear algebra in decomposition of Farkas interpolants. *International Journal on Software Tools for Technology Transfer (STTT)*, 24(1):111–125, February 2022. CODEN ????? ISSN 1433-2779 (print), 1433-2787 (electronic). URL <https://link.springer.com/article/10.1007/s10009-021-00641-z>.

Vernotte:2022:DSL

- [860] Alexandre Vernotte, Aymeric Cretin, and Fabien Peureux. A domain-specific language to design false data injection tests for air traffic control systems. *International Journal on Software Tools for Technology Transfer (STTT)*, 24(2):127–158, April 2022. CODEN ????? ISSN 1433-2779 (print), 1433-2787 (electronic). URL <https://link.springer.com/article/10.1007/s10009-021-00604-4>.

El-Hokayem:2022:BRV

- [861] Antoine El-Hokayem and Yliès Falcone. Bringing runtime verification home: a case study on the hierarchical monitoring of smart homes using decentralized specifications. *International Journal on Software Tools for Technology Transfer (STTT)*, 24(2):159–181, April 2022. CODEN ???? ISSN 1433-2779 (print), 1433-2787 (electronic). URL <https://link.springer.com/article/10.1007/s10009-021-00614-2>.

Dumas:2022:MLP

- [862] Marlon Dumas, Luciano García-Bañuelos, and Maksym Yerokhin. Multi-level privacy analysis of business processes: the Pleak toolset. *International Journal on Software Tools for Technology Transfer (STTT)*, 24(2):183–203, April 2022. CODEN ???? ISSN 1433-2779 (print), 1433-2787 (electronic). URL <https://link.springer.com/article/10.1007/s10009-021-00636-w>.

Arras:2022:SLT

- [863] Paul-Antoine Arras, Anastasios Andronidis, and Cristian Cadar. SaBRE: load-time selective binary rewriting. *International Journal on Software Tools for Technology Transfer (STTT)*, 24(2):205–223, April 2022. CODEN ???? ISSN 1433-2779 (print), 1433-2787 (electronic). URL <https://link.springer.com/article/10.1007/s10009-021-00644-w>.

Louadah:2022:ICD

- [864] Hassna Louadah and Yvan Labiche. Interface control document modeling with Citrus (avionics systems in-

terfaces). *International Journal on Software Tools for Technology Transfer (STTT)*, 24(2):225–245, April 2022. CODEN ???? ISSN 1433-2779 (print), 1433-2787 (electronic). URL <https://link.springer.com/article/10.1007/s10009-022-00645-3>.

Bettini:2022:SSM

- [865] Lorenzo Bettini, Davide Di Ruscio, and Alfonso Pierantonio. Supporting safe metamodel evolution with edelta. *International Journal on Software Tools for Technology Transfer (STTT)*, 24(2):247–260, April 2022. CODEN ???? ISSN 1433-2779 (print), 1433-2787 (electronic). URL <https://link.springer.com/article/10.1007/s10009-022-00646-2>.

Strandberg:2022:STR

- [866] Per Erik Strandberg, Wasif Afzal, and Daniel Sundmark. Software test results exploration and visualization with continuous integration and nightly testing. *International Journal on Software Tools for Technology Transfer (STTT)*, 24(2):261–285, April 2022. CODEN ???? ISSN 1433-2779 (print), 1433-2787 (electronic). URL <https://link.springer.com/article/10.1007/s10009-022-00647-1>.

Lowe:2022:PVS

- [867] Gavin Lowe. Parameterized verification of systems with component identities, using view abstraction. *International Journal on Software Tools for Technology Transfer (STTT)*, 24(2):287–324, April 2022. CODEN ???? ISSN 1433-2779 (print), 1433-2787 (electronic).

URL <https://link.springer.com/article/10.1007/s10009-022-00648-0>.

terBeek:2022:FMT

- [868] Maurice H. ter Beek, Kim G. Larsen, and Tim A. C. Willemse. Formal methods and tools for industrial critical systems. *International Journal on Software Tools for Technology Transfer (STTT)*, 24(3):325–330, June 2022. CODEN ???? ISSN 1433-2779 (print), 1433-2787 (electronic). URL <https://link.springer.com/article/10.1007/s10009-022-00660-4>.

Weik:2022:DMA

- [869] Norman Weik, Matthias Volk, and Nils Nießen. DFT modeling approach for operational risk assessment of railway infrastructure. *International Journal on Software Tools for Technology Transfer (STTT)*, 24(3):331–350, June 2022. CODEN ???? ISSN 1433-2779 (print), 1433-2787 (electronic). URL <https://link.springer.com/article/10.1007/s10009-022-00652-4>.

Basile:2022:EEE

- [870] Davide Basile, Maurice H. ter Beek, and Axel Legay. Exploring the ERTMS/ETCS full moving block specification: an experience with formal methods. *International Journal on Software Tools for Technology Transfer (STTT)*, 24(3):351–370, June 2022. CODEN ???? ISSN 1433-2779 (print), 1433-2787 (electronic). URL <https://link.springer.com/article/10.1007/s10009-022-00653-3>.

Kouskoulas:2022:EWS

- [871] Yanni Kouskoulas, T. J. Machado, and Joshua Brulé. Envelopes and waves: safe multivehicle collision avoidance for horizontal non-deterministic turns. *International Journal on Software Tools for Technology Transfer (STTT)*, 24(3):371–394, June 2022. CODEN ???? ISSN 1433-2779 (print), 1433-2787 (electronic). URL <https://link.springer.com/article/10.1007/s10009-022-00654-2>.

Gu:2022:VSS

- [872] Rong Gu, Peter G. Jensen, and Kristina Lundqvist. Verifiable strategy synthesis for multiple autonomous agents: a scalable approach. *International Journal on Software Tools for Technology Transfer (STTT)*, 24(3):395–414, June 2022. CODEN ???? ISSN 1433-2779 (print), 1433-2787 (electronic). URL <https://link.springer.com/article/10.1007/s10009-022-00657-z>.

Binder:2022:FMV

- [873] Benjamin Binder, Mihail Asavaoe, and Mathieu Jan. Formal modeling and verification for amplification timing anomalies in the superscalar Tri-Core architecture. *International Journal on Software Tools for Technology Transfer (STTT)*, 24(3):415–440, June 2022. CODEN ???? ISSN 1433-2779 (print), 1433-2787 (electronic). URL <https://link.springer.com/article/10.1007/s10009-022-00655-1>.

Bunte:2022:FVO

- [874] Olav Bunte, Louis C. M. van Gool, and Tim A. C. Willemse. Formal ver-

ification of OIL component specifications using mCRL2. *International Journal on Software Tools for Technology Transfer (STTT)*, 24(3):441–472, June 2022. CODEN ????? ISSN 1433-2779 (print), 1433-2787 (electronic). URL <https://link.springer.com/article/10.1007/s10009-022-00658-y>.

Huang:2022:TLQ

- [875] Samuel Huang and Rance Cleaveland. Temporal-logic query checking over finite data streams. *International Journal on Software Tools for Technology Transfer (STTT)*, 24(3):473–492, June 2022. CODEN ????? ISSN 1433-2779 (print), 1433-2787 (electronic). URL <https://link.springer.com/article/10.1007/s10009-022-00656-0>.

Rockai:2022:DIS

- [876] Petr Rockai and Jirí Barnat. DivSIM, an interactive simulator for LLVM bitcode. *International Journal on Software Tools for Technology Transfer (STTT)*, 24(3):493–510, June 2022. CODEN ????? ISSN 1433-2779 (print), 1433-2787 (electronic). URL <https://link.springer.com/article/10.1007/s10009-022-00659-x>.

Habibi:2022:GTW

- [877] Elahe Habibi and Seyed-Hasan Mirian-Hosseinabadi. Generating test as a web service (TaaWS) through a method-based attribute grammar. *International Journal on Software Tools for Technology Transfer (STTT)*, 24(4):511–527, August 2022. CODEN ????? ISSN 1433-2779 (print), 1433-2787 (electronic).

URL <https://link.springer.com/article/10.1007/s10009-022-00649-z>.

Salva:2022:LBM

- [878] Sebastien Salva and Elliott Blot. Learning of behavioural models and dependency graphs for communicating systems with CkTailv2. *International Journal on Software Tools for Technology Transfer (STTT)*, 24(4):529–548, August 2022. CODEN ????? ISSN 1433-2779 (print), 1433-2787 (electronic). URL <https://link.springer.com/article/10.1007/s10009-022-00651-5>.

Verbeek:2022:LSV

- [879] H. M. W. Verbeek. The log skeleton visualizer in ProM 6.9. *International Journal on Software Tools for Technology Transfer (STTT)*, 24(4):549–561, August 2022. CODEN ????? ISSN 1433-2779 (print), 1433-2787 (electronic). URL <https://link.springer.com/article/10.1007/s10009-021-00618-y>.

Back:2022:DAE

- [880] Christoffer Olling Back, Tijs Slaats, Thomas Troels Hildebrandt, and Morten Marquard. DisCoveR: accurate and efficient discovery of declarative process models. *International Journal on Software Tools for Technology Transfer (STTT)*, 24(4):563–587, August 2022. CODEN ????? ISSN 1433-2779 (print), 1433-2787 (electronic). URL <https://link.springer.com/article/10.1007/s10009-021-00616-0>.

Hensel:2022:PMC

- [881] Christian Hensel, Sebastian Junges, Joost-Pieter Katoen, Tim Quatmann, and Matthias Volk. The probabilistic model checker Storm. *International Journal on Software Tools for Technology Transfer (STTT)*, 24(4):589–610, August 2022. CODEN ???? ISSN 1433-2779 (print), 1433-2787 (electronic). URL <https://link.springer.com/article/10.1007/s10009-021-00633-z>.

Legay:2022:TAC

- [882] Axel Legay and Tiziana Margaria. Tools and algorithms for the construction and analysis of systems: a special issue for TACAS 2017. *International Journal on Software Tools for Technology Transfer (STTT)*, 24(4):611–612, August 2022. CODEN ???? ISSN 1433-2779 (print), 1433-2787 (electronic). URL <https://link.springer.com/article/10.1007/s10009-022-00664-0>.

Antonino:2022:AVC

- [883] Pedro Antonino, Thomas Gibson-Robinson, and A. W. Roscoe. Approximate verification of concurrent systems using token structures and invariants. *International Journal on Software Tools for Technology Transfer (STTT)*, 24(4):613–633, August 2022. CODEN ???? ISSN 1433-2779 (print), 1433-2787 (electronic). URL <https://link.springer.com/article/10.1007/s10009-022-00650-6>.

Esparza:2022:LTL

- [884] Javier Esparza, Jan Křetínský, Jean-François Raskin, and Salomon Sickert.

From linear temporal logic and limit-deterministic Büchi automata to deterministic parity automata. *International Journal on Software Tools for Technology Transfer (STTT)*, 24(4):635–659, August 2022. CODEN ???? ISSN 1433-2779 (print), 1433-2787 (electronic). URL <https://link.springer.com/article/10.1007/s10009-022-00663-1>.

Beyer:2022:CRB

- [885] Dirk Beyer, Stefan Löwe, and Philipp Wendler. Correction to: Reliable benchmarking: requirements and solutions. *International Journal on Software Tools for Technology Transfer (STTT)*, 24(4):661, August 2022. CODEN ???? ISSN 1433-2779 (print), 1433-2787 (electronic). URL <https://link.springer.com/article/10.1007/s10009-020-00602-y>. See [714].

Biere:2022:TAC

- [886] Armin Biere and David Parker. Tools and algorithms for the construction and analysis of systems: a special issue for TACAS 2020. *International Journal on Software Tools for Technology Transfer (STTT)*, 24(5):663–665, October 2022. CODEN ???? ISSN 1433-2779 (print), 1433-2787 (electronic). URL <https://link.springer.com/article/10.1007/s10009-022-00677-9>.

Frenkel:2022:AGR

- [887] Hadar Frenkel, Orna Grumberg, Corina S. Păsăreanu, and Sarai Sheinvald. Assume, guarantee or repair: a regular framework for non regular properties. *International Journal on Software Tools for Technology Transfer (STTT)*, 24(5):667–689, October

2022. CODEN ???? ISSN 1433-2779 (print), 1433-2787 (electronic). URL <https://link.springer.com/article/10.1007/s10009-022-00669-9>.

Frohn:2022:CML

- [888] Florian Frohn and Carsten Fuhs. A calculus for modular loop acceleration and non-termination proofs. *International Journal on Software Tools for Technology Transfer (STTT)*, 24(5):691–715, October 2022. CODEN ???? ISSN 1433-2779 (print), 1433-2787 (electronic). URL <https://link.springer.com/article/10.1007/s10009-022-00670-2>.

Becker:2022:CPA

- [889] Benedikt Becker, Nicolas Jeannerod, Claude Marché, Yann Régis-Gianas, Mihaela Sighireanu, and Ralf Treinen. The CoLiS platform for the analysis of maintainer scripts in Debian software packages. *International Journal on Software Tools for Technology Transfer (STTT)*, 24(5):717–733, October 2022. CODEN ???? ISSN 1433-2779 (print), 1433-2787 (electronic). URL <https://link.springer.com/article/10.1007/s10009-022-00671-1>.

Neele:2022:POR

- [890] Thomas Neele, Tim A. C. Willemse, Wieger Wesselink, and Antti Valmari. Partial-order reduction for parity games and parameterised Boolean equation systems. *International Journal on Software Tools for Technology Transfer (STTT)*, 24(5):735–756, October 2022. CODEN ???? ISSN 1433-2779 (print), 1433-2787 (electronic). URL <https://link.springer.com/>

[article/10.1007/s10009-022-00672-0](https://link.springer.com/article/10.1007/s10009-022-00672-0).

Hamers:2022:DPR

- [891] Ruben Hamers, Erik Horlings, and Sung-Shik Jongmans. The Discourje project: run-time verification of communication protocols in Closure. *International Journal on Software Tools for Technology Transfer (STTT)*, 24(5):757–782, October 2022. CODEN ???? ISSN 1433-2779 (print), 1433-2787 (electronic). URL <https://link.springer.com/article/10.1007/s10009-022-00674-y>.

Hiep:2022:VOL

- [892] Hans-Dieter A. Hiep, Olaf Maathuis, Jinting Bian, Frank S. de Boer, and Stijn de Gouw. Verifying OpenJDK’s LinkedList using KeY (extended paper). *International Journal on Software Tools for Technology Transfer (STTT)*, 24(5):783–802, October 2022. CODEN ???? ISSN 1433-2779 (print), 1433-2787 (electronic). URL <https://link.springer.com/article/10.1007/s10009-022-00679-7>.

Badings:2022:SBV

- [893] Thom Badings, Murat Cubuktepe, Nils Jansen, Sebastian Junges, Joost-Pieter Katoen, and Ufuk Topcu. Scenario-based verification of uncertain parametric MDPs. *International Journal on Software Tools for Technology Transfer (STTT)*, 24(5):803–819, October 2022. CODEN ???? ISSN 1433-2779 (print), 1433-2787 (electronic). URL <https://link.springer.com/article/10.1007/s10009-022-00673-z>.

Budde:2022:ANM

- [894] Carlos E. Budde, Pedro R. D’Argenio, Raúl E. Monti, and Mariëlle Stoelinga. Analysis of non-Markovian repairable fault trees through rare event simulation. *International Journal on Software Tools for Technology Transfer (STTT)*, 24(5):821–841, October 2022. CODEN ???? ISSN 1433-2779 (print), 1433-2787 (electronic). URL <https://link.springer.com/article/10.1007/s10009-022-00675-x>.

Chakraborty:2022:FPI

- [895] Supratik Chakraborty, Ashutosh Gupta, and Divyesh Unadkat. Full-program induction: verifying array programs sans loop invariants. *International Journal on Software Tools for Technology Transfer (STTT)*, 24(5):843–888, October 2022. CODEN ???? ISSN 1433-2779 (print), 1433-2787 (electronic). URL <https://link.springer.com/article/10.1007/s10009-022-00676-w>.

Mohammed:2022:GTA

- [896] Mawal A. Mohammed, Jameleddine Hassine, and Mohammad Alshayeb. GS-Detector: a tool for automatic detection of bad smells in GRL goal models. *International Journal on Software Tools for Technology Transfer (STTT)*, 24(6):889–910, December 2022. CODEN ???? ISSN 1433-2779 (print), 1433-2787 (electronic). URL <https://link.springer.com/article/10.1007/s10009-022-00662-2>.

Lee:2022:MFA

- [897] Jaehun Lee, Kyungmin Bae, Pe-

ter Csaba Ölveczky, Sharon Kim, and Minseok Kang. Modeling and formal analysis of virtually synchronous cyber-physical systems in AADL. *International Journal on Software Tools for Technology Transfer (STTT)*, 24(6):911–948, December 2022. CODEN ???? ISSN 1433-2779 (print), 1433-2787 (electronic). URL <https://link.springer.com/article/10.1007/s10009-022-00665-z>.

Taylor:2022:AFV

- [898] Ramsay G. Taylor, Michael Foster, and Siobhán North. An automated framework for verifying or refuting trace properties of extended finite state machines. *International Journal on Software Tools for Technology Transfer (STTT)*, 24(6):949–972, December 2022. CODEN ???? ISSN 1433-2779 (print), 1433-2787 (electronic). URL <https://link.springer.com/article/10.1007/s10009-022-00666-y>.

Lafuente:2022:FMT

- [899] Alberto Lluch Lafuente and Anastasia Mavridou. Formal methods and tools for industrial critical systems. *International Journal on Software Tools for Technology Transfer (STTT)*, 24(6):973–976, December 2022. CODEN ???? ISSN 1433-2779 (print), 1433-2787 (electronic). URL <https://link.springer.com/article/10.1007/s10009-022-00687-7>.

Lourenco:2022:AFa

- [900] Cláudio Belo Lourenço, Denis Cousineau, Florian Faissolle, Claude Marché, David Mentré, and Hiroaki Inoue. Automated formal analysis of temporal properties of

Ladder programs. *International Journal on Software Tools for Technology Transfer (STTT)*, 24(6):977–997, December 2022. CODEN ????? ISSN 1433-2779 (print), 1433-2787 (electronic). URL <https://link.springer.com/article/10.1007/s10009-022-00680-0>.

Hansen:2022:VSC

- [901] Simon Thrane Hansen, Casper Thule, Cláudio Gomes, Jaco van de Pol, Maurizio Palmieri, Emin Oguz Inci, Frederik Madsen, Jesús Alfonso, José Ángel Castellanos, and José Manuel Rodríguez. Verification and synthesis of co-simulation algorithms subject to algebraic loops and adaptive steps. *International Journal on Software Tools for Technology Transfer (STTT)*, 24(6):999–1024, December 2022. CODEN ????? ISSN 1433-2779 (print), 1433-2787 (electronic). URL <https://link.springer.com/article/10.1007/s10009-022-00686-8>.

Kiviriga:2022:RRA

- [902] Andrej Kiviriga, Kim Guldstrand Larsen, and Ulrik Nyman. Randomized reachability analysis in UP-PAL: fast error detection in timed systems. *International Journal on Software Tools for Technology Transfer (STTT)*, 24(6):1025–1042, December 2022. CODEN ????? ISSN 1433-2779 (print), 1433-2787 (electronic). URL <https://link.springer.com/article/10.1007/s10009-022-00681-z>.

Schmidt:2022:SSV

- [903] Joshua Schmidt and Michael Leuschel. SMT solving for the validation of B and

Event-B models. *International Journal on Software Tools for Technology Transfer (STTT)*, 24(6):1043–1077, December 2022. CODEN ????? ISSN 1433-2779 (print), 1433-2787 (electronic). URL <https://link.springer.com/article/10.1007/s10009-022-00682-y>.

Berti:2023:OPA

- [904] Alessandro Berti and Wil M. P. van der Aalst. OC-PM: analyzing object-centric event logs and process models. *International Journal on Software Tools for Technology Transfer (STTT)*, 25(1):1–17, February 2023. CODEN ????? ISSN 1433-2779 (print), 1433-2787 (electronic). URL <https://link.springer.com/article/10.1007/s10009-022-00668-w>.

Lehmann:2023:BDB

- [905] Sascha Lehmann and Sibylle Schupp. Bounded DBM-based clock state construction for timed automata in Upaal. *International Journal on Software Tools for Technology Transfer (STTT)*, 25(1):19–47, February 2023. CODEN ????? ISSN 1433-2779 (print), 1433-2787 (electronic). URL <https://link.springer.com/article/10.1007/s10009-022-00667-x>.

DeSanctis:2023:TTJ

- [906] Martina De Sanctis, Amleto Di Salle, Ludovico Iovino, and Maria Teresa Rossi. A technology transfer journey to a model-driven access control system. *International Journal on Software Tools for Technology Transfer (STTT)*, 25(1):49–74, February

2023. CODEN ???? ISSN 1433-2779 (print), 1433-2787 (electronic). URL <https://link.springer.com/article/10.1007/s10009-023-00697-z>.

Laarman:2023:ISI

- [907] Alfons Laarman and Ana Sokolova. Introduction to the special issue for SPIN 2021. *International Journal on Software Tools for Technology Transfer (STTT)*, 25(1):75–76, February 2023. CODEN ???? ISSN 1433-2779 (print), 1433-2787 (electronic). URL <https://link.springer.com/article/10.1007/s10009-023-00698-y>.

Kirszenberg:2023:GFL

- [908] Alexandre Kirszenberg, Antoine Martin, Hugo Moreau, and Etienne Renault. Go2Pins: a framework for the LTL verification of Go programs (extended version). *International Journal on Software Tools for Technology Transfer (STTT)*, 25(1):77–94, February 2023. CODEN ???? ISSN 1433-2779 (print), 1433-2787 (electronic). URL <https://link.springer.com/article/10.1007/s10009-022-00692-w>.

Amat:2023:LPR

- [909] Nicolas Amat, Silvano Dal Zilio, and Didier Le Botlan. Leveraging polyhedral reductions for solving Petri net reachability problems. *International Journal on Software Tools for Technology Transfer (STTT)*, 25(1):95–114, February 2023. CODEN ???? ISSN 1433-2779 (print), 1433-2787 (electronic). URL <https://link.springer.com/article/10.1007/s10009-022-00694-8>.

Nxumalo:2023:EAM

- [910] Madoda Nxumalo, Nils Timm, and Stefan Gruner. An evaluation of approaches to model checking real-time task schedulability analysis. *International Journal on Software Tools for Technology Transfer (STTT)*, 25(1):115–128, February 2023. CODEN ???? ISSN 1433-2779 (print), 1433-2787 (electronic). URL <https://link.springer.com/article/10.1007/s10009-022-00693-9>.

Jensen:2023:TAC

- [911] Peter Gjøøl Jensen and Thomas Neele. Tools and algorithms for the construction and analysis of systems: a special issue on tool papers for TACAS 2021. *International Journal on Software Tools for Technology Transfer (STTT)*, 25(2):129–131, April 2023. CODEN ???? ISSN 1433-2779 (print), 1433-2787 (electronic). URL <https://link.springer.com/article/10.1007/s10009-023-00699-x>.

Kaufmann:2023:IAV

- [912] Daniela Kaufmann and Armin Biere. Improving AMulet2 for verifying multiplier circuits using SAT solving and computer algebra. *International Journal on Software Tools for Technology Transfer (STTT)*, 25(2):133–144, April 2023. CODEN ???? ISSN 1433-2779 (print), 1433-2787 (electronic). URL <https://link.springer.com/article/10.1007/s10009-022-00688-6>.

Sotoudeh:2023:STA

- [913] Matthew Sotoudeh, Zhe Tao, and Aditya V. Thakur. SyReNN: a tool

for analyzing deep neural networks. *International Journal on Software Tools for Technology Transfer (STTT)*, 25(2):145–165, April 2023. CODEN ???? ISSN 1433-2779 (print), 1433-2787 (electronic). URL <https://link.springer.com/article/10.1007/s10009-023-00695-1>.

Tan:2023:VPR

- [914] Yong Kiam Tan, Marijn J. H. Heule, and Magnus O. Myreen. Verified propagation redundancy and compositional UNSAT checking in CakeML. *International Journal on Software Tools for Technology Transfer (STTT)*, 25(2):167–184, April 2023. CODEN ???? ISSN 1433-2779 (print), 1433-2787 (electronic). URL <https://link.springer.com/article/10.1007/s10009-022-00690-y>.

Abbasi:2023:CRS

- [915] Rosa Abbasi, Jonas Schiff, Eva Darulova, Mattias Ulbrich, and Wolfgang Ahrendt. Combining rule- and SMT-based reasoning for verifying floating-point Java programs in KeY. *International Journal on Software Tools for Technology Transfer (STTT)*, 25(2):185–204, April 2023. CODEN ???? ISSN 1433-2779 (print), 1433-2787 (electronic). URL <https://link.springer.com/article/10.1007/s10009-022-00691-x>.

Biewer:2023:RR

- [916] Sebastian Biewer, Bernd Finkbeiner, Holger Hermanns, Maximilian A. Köhl, Yannik Schnitzer, and Maximilian Schwenger. On the road with RTLola. *International Journal on Software Tools for Technology*

Transfer (STTT), 25(2):205–218, April 2023. CODEN ???? ISSN 1433-2779 (print), 1433-2787 (electronic). URL <https://link.springer.com/article/10.1007/s10009-022-00689-5>.

Scott:2023:ASS

- [917] Joseph Scott, Aina Niemetz, Mathias Preiner, Saeed Nejati, and Vijay Ganesh. Algorithm selection for SMT. *International Journal on Software Tools for Technology Transfer (STTT)*, 25(2):219–239, April 2023. CODEN ???? ISSN 1433-2779 (print), 1433-2787 (electronic). URL <https://link.springer.com/article/10.1007/s10009-023-00696-0>. See publisher correction [952].

Jansen:2023:EPL

- [918] Nils Jansen, Gerrit Nolte, and Bernhard Steffen. Explanation Paradigms Leveraging Analytic Intuition (ExPLAIN). *International Journal on Software Tools for Technology Transfer (STTT)*, 25(3):241–247, June 2023. CODEN ???? ISSN 1433-2779 (print), 1433-2787 (electronic). URL <https://link.springer.com/article/10.1007/s10009-023-00715-0>.

Jungermann:2023:AEC

- [919] Florian Jungermann, Jan Kretínský, and Maximilian Weininger. Algebraically explainable controllers: decision trees and support vector machines join forces. *International Journal on Software Tools for Technology Transfer (STTT)*, 25(3):249–266, June 2023. CODEN ???? ISSN 1433-2779 (print), 1433-2787 (electronic). URL <https://link.springer.com/>

article/10.1007/s10009-023-00716-z.

Brix:2023:FTY

Gossen:2023:AAR

- [920] Frederik Gossen and Bernhard Steffen. Algebraic aggregation of random forests: towards explainability and rapid evaluation. *International Journal on Software Tools for Technology Transfer (STTT)*, 25(3):267–285, June 2023. CODEN ???? ISSN 1433-2779 (print), 1433-2787 (electronic). URL <https://link.springer.com/article/10.1007/s10009-021-00635-x>.

Murtovi:2023:FGT

- [921] Alnis Murtovi, Alexander Bainsczyk, Gerrit Nolte, Maximilian Schlüter, and Bernhard Steffen. Forest GUMP: a tool for verification and explanation. *International Journal on Software Tools for Technology Transfer (STTT)*, 25(3):287–299, June 2023. CODEN ???? ISSN 1433-2779 (print), 1433-2787 (electronic). URL <https://link.springer.com/article/10.1007/s10009-023-00702-5>.

Schluter:2023:TRU

- [922] Maximilian Schlüter, Gerrit Nolte, Alnis Murtovi, and Bernhard Steffen. Towards rigorous understanding of neural networks via semantics-preserving transformations. *International Journal on Software Tools for Technology Transfer (STTT)*, 25(3):301–327, June 2023. CODEN ???? ISSN 1433-2779 (print), 1433-2787 (electronic). URL <https://link.springer.com/article/10.1007/s10009-023-00700-7>.

- [923] Christopher Brix, Mark Niklas Müller, Stanley Bak, Taylor T. Johnson, and Changliu Liu. First three years of the international verification of neural networks competition (VNN-COMP). *International Journal on Software Tools for Technology Transfer (STTT)*, 25(3):329–339, June 2023. CODEN ???? ISSN 1433-2779 (print), 1433-2787 (electronic). URL <https://link.springer.com/article/10.1007/s10009-023-00703-4>.

Khmelnitsky:2023:ARN

- [924] Igor Khmelnitsky, Daniel Neider, Rajarshi Roy, Xuan Xie, Benoît Barbot, Benedikt Bollig, Alain Finkel, Serge Haddad, Martin Leucker, and Lina Ye. Analysis of recurrent neural networks via property-directed verification of surrogate models. *International Journal on Software Tools for Technology Transfer (STTT)*, 25(3):341–354, June 2023. CODEN ???? ISSN 1433-2779 (print), 1433-2787 (electronic). URL <https://link.springer.com/article/10.1007/s10009-022-00684-w>.

Nolte:2023:PTA

- [925] Gerrit Nolte, Maximilian Schlüter, Alnis Murtovi, and Bernhard Steffen. The power of typed affine decision structures: a case study. *International Journal on Software Tools for Technology Transfer (STTT)*, 25(3):355–374, June 2023. CODEN ???? ISSN 1433-2779 (print), 1433-2787 (electronic). URL <https://link.springer.com/article/10.1007/s10009-023-00701-6>.

Badings:2023:DMU

- [926] Thom Badings, Thiago D. Simão, Marnix Suilen, and Nils Jansen. Decision-making under uncertainty: beyond probabilities. *International Journal on Software Tools for Technology Transfer (STTT)*, 25(3):375–391, June 2023. CODEN ????? ISSN 1433-2779 (print), 1433-2787 (electronic). URL <https://link.springer.com/article/10.1007/s10009-023-00704-3>.

Usman:2023:OSC

- [927] Muhammad Usman, Youcheng Sun, Divya Gopinath, Rishi Dange, Luca Manolache, and Corina S. Păsăreanu. An overview of structural coverage metrics for testing neural networks. *International Journal on Software Tools for Technology Transfer (STTT)*, 25(3):393–405, June 2023. CODEN ????? ISSN 1433-2779 (print), 1433-2787 (electronic). URL <https://link.springer.com/article/10.1007/s10009-022-00683-x>.

Gros:2023:ANN

- [928] Timo P. Gros, Holger Hermanns, Jörg Hoffmann, Michaela Klauck, and Marcel Steinmetz. Analyzing neural network behavior through deep statistical model checking. *International Journal on Software Tools for Technology Transfer (STTT)*, 25(3):407–426, June 2023. CODEN ????? ISSN 1433-2779 (print), 1433-2787 (electronic). URL <https://link.springer.com/article/10.1007/s10009-022-00685-9>.

Deshmukh:2023:ISI

- [929] Jyotirmoy Deshmukh and Dejan Nick-

ović. Introduction to the special issue on runtime verification. *International Journal on Software Tools for Technology Transfer (STTT)*, 25(4):427–429, August 2023. CODEN ????? ISSN 1433-2779 (print), 1433-2787 (electronic). URL <https://link.springer.com/article/10.1007/s10009-023-00721-2>.

Ho:2023:PAU

- [930] Vivian M. Ho, Chris Alvin, Jimmie D. Lawson, Supratik Mukhopadhyay, and Brian Peterson. Program analysis using empirical abstraction. *International Journal on Software Tools for Technology Transfer (STTT)*, 25(4):431–452, August 2023. CODEN ????? ISSN 1433-2779 (print), 1433-2787 (electronic). URL <https://link.springer.com/article/10.1007/s10009-023-00709-y>.

Soueidi:2023:EEB

- [931] Chukri Soueidi, Marius Monnier, and Yliès Falcone. Efficient and expressive bytecode-level instrumentation for Java programs. *International Journal on Software Tools for Technology Transfer (STTT)*, 25(4):453–479, August 2023. CODEN ????? ISSN 1433-2779 (print), 1433-2787 (electronic). URL <https://link.springer.com/article/10.1007/s10009-023-00708-z>.

Shafiei:2023:CRV

- [932] Nastaran Shafiei, Klaus Havelund, and Peter Mehlitz. Concurrent runtime verification of data rich events. *International Journal on Software Tools for Technology Transfer (STTT)*, 25(4):481–501, August 2023. CODEN ?????

ISSN 1433-2779 (print), 1433-2787 (electronic). URL <https://link.springer.com/article/10.1007/s10009-023-00713-2>.

Nenzi:2023:MLT

- [933] Laura Nenzi, Ezio Bartocci, Luca Bertolussi, Simone Silveti, and Michele Loreti. MoonLight: a lightweight tool for monitoring spatio-temporal properties. *International Journal on Software Tools for Technology Transfer (STTT)*, 25(4):503–517, August 2023. CODEN ???? ISSN 1433-2779 (print), 1433-2787 (electronic). URL <https://link.springer.com/article/10.1007/s10009-023-00710-5>.

Feng:2023:ISI

- [934] Lu Feng and Dana Fisman. Introduction to the special issue on runtime verification. *International Journal on Software Tools for Technology Transfer (STTT)*, 25(4):519–520, August 2023. CODEN ???? ISSN 1433-2779 (print), 1433-2787 (electronic). URL <https://link.springer.com/article/10.1007/s10009-023-00722-1>.

Fernando:2023:DDM

- [935] Vimuth Fernando, Keyur Joshi, Jacob Laurel, and Sasa Misailovic. Diamont: dynamic monitoring of uncertainty for distributed asynchronous programs. *International Journal on Software Tools for Technology Transfer (STTT)*, 25(4):521–539, August 2023. CODEN ???? ISSN 1433-2779 (print), 1433-2787 (electronic). URL <https://link.springer.com/article/10.1007/s10009-023-00717-y>.

Momtaz:2023:PMD

- [936] Anik Momtaz, Niraj Basnet, Housam Abbas, and Borzoo Bonakdarpour. Predicate monitoring in distributed cyber-physical systems. *International Journal on Software Tools for Technology Transfer (STTT)*, 25(4):541–556, August 2023. CODEN ???? ISSN 1433-2779 (print), 1433-2787 (electronic). URL <https://link.springer.com/article/10.1007/s10009-023-00718-x>.

Mamouras:2023:CFA

- [937] Konstantinos Mamouras, Agnishom Chattopadhyay, and Zhifu Wang. A compositional framework for algebraic quantitative online monitoring over continuous-time signals. *International Journal on Software Tools for Technology Transfer (STTT)*, 25(4):557–573, August 2023. CODEN ???? ISSN 1433-2779 (print), 1433-2787 (electronic). URL <https://link.springer.com/article/10.1007/s10009-023-00719-w>.

Kueffner:2023:UAM

- [938] Konstantin Kueffner, Anna Lukina, Christian Schilling, and Thomas A. Henzinger. Into the unknown: active monitoring of neural networks (extended version). *International Journal on Software Tools for Technology Transfer (STTT)*, 25(4):575–592, August 2023. CODEN ???? ISSN 1433-2779 (print), 1433-2787 (electronic). URL <https://link.springer.com/article/10.1007/s10009-023-00711-4>.

Baumeister:2023:MVG

- [939] Jan Baumeister, Johann C. Dauer,

Bernd Finkbeiner, and Sebastian Schirmer. Monitoring with verified guarantees. *International Journal on Software Tools for Technology Transfer (STTT)*, 25(4):593–616, August 2023. CODEN ????? ISSN 1433-2779 (print), 1433-2787 (electronic). URL <https://link.springer.com/article/10.1007/s10009-023-00712-3>.

Wirsing:2023:REC

- [940] Martin Wirsing, Stefan Jähnichen, and Rocco De Nicola. Rigorous engineering of collective adaptive systems — 2nd special section. *International Journal on Software Tools for Technology Transfer (STTT)*, 25(5–6):617–624, December 2023. CODEN ????? ISSN 1433-2779 (print), 1433-2787 (electronic). URL <https://link.springer.com/article/10.1007/s10009-023-00734-x>.

Bozga:2023:CDC

- [941] Marius Bozga and Joseph Sifakis. Correct by design coordination of autonomous driving systems. *International Journal on Software Tools for Technology Transfer (STTT)*, 25(5–6):625–639, December 2023. CODEN ????? ISSN 1433-2779 (print), 1433-2787 (electronic). URL <https://link.springer.com/article/10.1007/s10009-023-00723-0>.

Basile:2023:TSS

- [942] Davide Basile, Maurice H. ter Beek, Laura Bussi, and Vincenzo Ciancia. A toolchain for strategy synthesis with spatial properties. *International Journal on Software Tools for Technology Transfer (STTT)*, 25(5–6):641–658, December 2023. CODEN ????? ISSN 1433-

2779 (print), 1433-2787 (electronic). URL <https://link.springer.com/article/10.1007/s10009-023-00730-1>.

Fettke:2023:CTI

- [943] Peter Fettke and Wolfgang Reisig. A causal, time-independent synchronization pattern for collective adaptive systems. *International Journal on Software Tools for Technology Transfer (STTT)*, 25(5–6):659–673, December 2023. CODEN ????? ISSN 1433-2779 (print), 1433-2787 (electronic). URL <https://link.springer.com/article/10.1007/s10009-023-00733-y>.

DeNicola:2023:MFB

- [944] Rocco De Nicola, Luca Di Stefano, Omar Inverso, and Serenella Valiani. Modelling flocks of birds and colonies of ants from the bottom up. *International Journal on Software Tools for Technology Transfer (STTT)*, 25(5–6):675–691, December 2023. CODEN ????? ISSN 1433-2779 (print), 1433-2787 (electronic). URL <https://link.springer.com/article/10.1007/s10009-023-00731-0>.

Monica:2023:KAI

- [945] Stefania Monica, Federico Bergenti, and Franco Zambonelli. A kinetic approach to investigate the collective dynamics of multi-agent systems. *International Journal on Software Tools for Technology Transfer (STTT)*, 25(5–6):693–705, December 2023. CODEN ????? ISSN 1433-2779 (print), 1433-2787 (electronic). URL <https://link.springer.com/>

article/10.1007/s10009-023-00724-z.

Bettini:2023:CPM

Yifeng:2023:MAC

- [946] Chen Yifeng and J. W. Sanders. A modal approach to conscious social agents. *International Journal on Software Tools for Technology Transfer (STTT)*, 25(5–6):707–716, December 2023. CODEN ???? ISSN 1433-2779 (print), 1433-2787 (electronic). URL <https://link.springer.com/article/10.1007/s10009-023-00732-z>.

Topfer:2023:MLA

- [947] Michal Töpfer, Milad Abdullah, Tomáš Bureš, Petr Hnětynka, and Martin Kruliš. Machine-learning abstractions for component-based self-optimizing systems. *International Journal on Software Tools for Technology Transfer (STTT)*, 25(5–6):717–731, December 2023. CODEN ???? ISSN 1433-2779 (print), 1433-2787 (electronic). URL <https://link.springer.com/article/10.1007/s10009-023-00726-x>.

Bures:2023:GAR

- [948] Tomáš Bureš, Petr Hnětynka, Martin Kruliš, František Plášil, Danylo Khalveyev, Sebastian Hahner, Stephan Seifermann, Maximilian Walter, and Robert Heinrich. Generating adaptation rule-specific neural networks. *International Journal on Software Tools for Technology Transfer (STTT)*, 25(5–6):733–746, December 2023. CODEN ???? ISSN 1433-2779 (print), 1433-2787 (electronic). URL <https://link.springer.com/article/10.1007/s10009-023-00725-y>.

- [949] Lorenzo Bettini, Khalid Bourr, Rosario Pugliese, and Francesco Tiezzi. Coordinating and programming multiple ROS-based robots with X-KLAIM. *International Journal on Software Tools for Technology Transfer (STTT)*, 25(5–6):747–764, December 2023. CODEN ???? ISSN 1433-2779 (print), 1433-2787 (electronic). URL <https://link.springer.com/article/10.1007/s10009-023-00727-w>.

Alrahman:2023:LSV

- [950] Yehia Abd Alrahman, Shaun Azopardi, Luca Di Stefano, and Nir Piterman. Language support for verifying reconfigurable interacting systems. *International Journal on Software Tools for Technology Transfer (STTT)*, 25(5–6):765–784, December 2023. CODEN ???? ISSN 1433-2779 (print), 1433-2787 (electronic). URL <https://link.springer.com/article/10.1007/s10009-023-00729-8>.

Murgia:2023:CPA

- [951] Maurizio Murgia, Riccardo Pincioli, Catia Trubiani, and Emilio Tuosto. Comparing performance abstractions for collective adaptive systems. *International Journal on Software Tools for Technology Transfer (STTT)*, 25(5–6):785–798, December 2023. CODEN ???? ISSN 1433-2779 (print), 1433-2787 (electronic). URL <https://link.springer.com/article/10.1007/s10009-023-00728-9>.

Scott:2023:PCA

- [952] Joseph Scott, Aina Niemetz, Math-

ias Preiner, Saeed Nejati, and Vijay Ganesh. Publisher correction: Algorithm selection for SMT. *International Journal on Software Tools for Technology Transfer (STTT)*, 25(5–6):799–800, December 2023. CODEN ???? ISSN 1433-2779 (print), 1433-2787 (electronic). URL <https://link.springer.com/article/10.1007/s10009-023-00714-1>. See [917].

Angulo:2024:PCK

- [953] Guisella Angulo, Daniel San Martín, Fabiano Ferrari, Ignacio García-Rodríguez de Guzmán, Ricardo Perez-Castillo, and Valter Vieira de Camargo. A process for creating KDM2PSM transformation engines. *International Journal on Software Tools for Technology Transfer (STTT)*, 26(1):1–20, February 2024. CODEN ???? ISSN 1433-2779 (print), 1433-2787 (electronic). URL <https://link.springer.com/article/10.1007/s10009-024-00735-4>.

Kosinska:2024:KRS

- [954] Joanna Kosińska, Grzegorz Brotoń, and Maciej Tobiasz. Knowledge representation of the state of a cloud-native application. *International Journal on Software Tools for Technology Transfer (STTT)*, 26(1):21–32, February 2024. CODEN ???? ISSN 1433-2779 (print), 1433-2787 (electronic). URL <https://link.springer.com/article/10.1007/s10009-023-00705-2>.

Havelund:2024:PEM

- [955] Klaus Havelund and Gerard J. Holzmann. Programming event monitors. *International Journal on Software Tools for Technology Trans-*

fer (STTT), 26(1):33–47, February 2024. CODEN ???? ISSN 1433-2779 (print), 1433-2787 (electronic). URL <https://link.springer.com/article/10.1007/s10009-023-00706-1>.

Schupp:2024:AHS

- [956] Stefan Schupp, Erika Abraham, Md Tawhid Bin Waez, Thomas Rambow, and Zeng Qiu. On the applicability of hybrid systems safety verification tools from the automotive perspective. *International Journal on Software Tools for Technology Transfer (STTT)*, 26(1):49–78, February 2024. CODEN ???? ISSN 1433-2779 (print), 1433-2787 (electronic). URL <https://link.springer.com/article/10.1007/s10009-023-00707-0>.

Yamaguchi:2024:RRR

- [957] Tomoya Yamaguchi, Bardh Hoxha, and Dejan Nicković. RTAMT — runtime robustness monitors with application to CPS and robotics. *International Journal on Software Tools for Technology Transfer (STTT)*, 26(1):79–99, February 2024. CODEN ???? ISSN 1433-2779 (print), 1433-2787 (electronic). URL <https://link.springer.com/article/10.1007/s10009-023-00720-3>.

Hendriks:2024:VTA

- [958] Martijn Hendriks, Jacques Verriet, and Twan Basten. Visualization, transformation, and analysis of execution traces with the eclipse TRACE4CPS trace tool. *International Journal on Software Tools for Technology Transfer (STTT)*, 26(1):101–126, February

2024. CODEN ???? ISSN 1433-2779 (print), 1433-2787 (electronic). URL <https://link.springer.com/article/10.1007/s10009-024-00736-3>.

Groote:2024:FMI

- [959] Jan Friso Groote and Marieke Huisman. Formal methods for industrial critical systems. *International Journal on Software Tools for Technology Transfer (STTT)*, 26(2):127–129, April 2024. CODEN ???? ISSN 1433-2779 (print), 1433-2787 (electronic). URL <https://link.springer.com/article/10.1007/s10009-024-00744-3>.

Cassez:2024:DVS

- [960] Franck Cassez, Joanne Fuller, and Horacio Mijail Antón Quiles. Deductive verification of smart contracts with Dafny. *International Journal on Software Tools for Technology Transfer (STTT)*, 26(2):131–145, April 2024. CODEN ???? ISSN 1433-2779 (print), 1433-2787 (electronic). URL <https://link.springer.com/article/10.1007/s10009-024-00738-1>.

Vu:2024:GID

- [961] Fabian Vu, Christopher Happe, and Michael Leuschel. Generating interactive documents for domain-specific validation of formal models. *International Journal on Software Tools for Technology Transfer (STTT)*, 26(2):147–168, April 2024. CODEN ???? ISSN 1433-2779 (print), 1433-2787 (electronic). URL <https://link.springer.com/article/10.1007/s10009-024-00739-0>.

MatosPedro:2024:MST

- [962] André Matos Pedro, Tomás Silva, Tiago Sequeira, João Lourenço, João Costa Seco, and Carla Ferreira. Monitoring of spatio-temporal properties with non-linear SAT solvers. *International Journal on Software Tools for Technology Transfer (STTT)*, 26(2):169–188, April 2024. CODEN ???? ISSN 1433-2779 (print), 1433-2787 (electronic). URL <https://link.springer.com/article/10.1007/s10009-024-00740-7>.

Ducoffe:2024:CAS

- [963] Mélanie Ducoffe, Christophe Gabreau, Ileana Ober, Iulian Ober, and Eric Guillaume Vidot. Certification of avionic software based on machine learning: the case for formal monotony analysis. *International Journal on Software Tools for Technology Transfer (STTT)*, 26(2):189–205, April 2024. CODEN ???? ISSN 1433-2779 (print), 1433-2787 (electronic). URL <https://link.springer.com/article/10.1007/s10009-024-00741-6>.

Hampus:2024:FVD

- [964] Anton Hampus and Mattias Nyberg. Formally verifying decompositions of stochastic specifications. *International Journal on Software Tools for Technology Transfer (STTT)*, 26(2):207–228, April 2024. CODEN ???? ISSN 1433-2779 (print), 1433-2787 (electronic). URL <https://link.springer.com/article/10.1007/s10009-024-00742-5>.

Adelt:2024:RFM

- [965] Julius Adelt, Julian Gebker, and

Paula Herber. Reusable formal models for concurrency and communication in custom real-time operating systems. *International Journal on Software Tools for Technology Transfer (STTT)*, 26(2):229–245, April 2024. CODEN ????? ISSN 1433-2779 (print), 1433-2787 (electronic). URL <https://link.springer.com/article/10.1007/s10009-024-00743-4>.

Steffen:2024:RCL

- [966] Bernhard Steffen. Rance Cleaveland: a life for formal methods. *International Journal on Software Tools for Technology Transfer (STTT)*, 26(3):247–248, June 2024. CODEN ????? ISSN 1433-2779 (print), 1433-2787 (electronic). URL <https://link.springer.com/article/10.1007/s10009-024-00746-1>.

Huang:2024:DCP

- [967] Zixin Huang, Saikat Dutta, and Sasa Misailovic. Debugging convergence problems in probabilistic programs via program representation learning with SixthSense. *International Journal on Software Tools for Technology Transfer (STTT)*, 26(3):249–268, June 2024. CODEN ????? ISSN 1433-2779 (print), 1433-2787 (electronic). URL <https://link.springer.com/article/10.1007/s10009-024-00737-2>.

Winterer:2024:SSP

- [968] Leonore Winterer, Ralf Wimmer, Bernd Becker, and Nils Jansen. Strong simple policies for POMDPs. *International Journal on Software Tools for Technology Transfer (STTT)*, 26(3):269–299, June 2024. CODEN ????? ISSN 1433-

2779 (print), 1433-2787 (electronic). URL <https://link.springer.com/article/10.1007/s10009-024-00747-0>.

Leithner:2024:SCE

- [969] Manuel Leithner, Andrea Bombarda, Michael Wagner, Angelo Gargantini, and Dimitris E. Simos. State of the CArt: evaluating covering array generators at scale. *International Journal on Software Tools for Technology Transfer (STTT)*, 26(3):301–326, June 2024. CODEN ????? ISSN 1433-2779 (print), 1433-2787 (electronic). URL <https://link.springer.com/article/10.1007/s10009-024-00745-2>.

Raschke:2024:ACS

- [970] Alexander Raschke and Dominique Méry. An automotive case study. *International Journal on Software Tools for Technology Transfer (STTT)*, 26(3):327–330, June 2024. CODEN ????? ISSN 1433-2779 (print), 1433-2787 (electronic). URL <https://link.springer.com/article/10.1007/s10009-024-00753-2>.

Mammar:2024:EBM

- [971] Amel Mammar, Marc Frappier, and Régine Laleau. An Event-B model of an automotive adaptive exterior light system. *International Journal on Software Tools for Technology Transfer (STTT)*, 26(3):331–346, June 2024. CODEN ????? ISSN 1433-2779 (print), 1433-2787 (electronic). URL <https://link.springer.com/article/10.1007/s10009-024-00748-z>.

Mammar:2024:MSC

- [972] Amel Mammar and Marc Frappier. Modeling of a speed control system using Event-B. *International Journal on Software Tools for Technology Transfer (STTT)*, 26(3):347–363, June 2024. CODEN ???? ISSN 1433-2779 (print), 1433-2787 (electronic). URL <https://link.springer.com/article/10.1007/s10009-024-00749-y>.

Cunha:2024:VMV

- [973] Alcino Cunha, Nuno Macedo, and Chong Liu. Validating multiple variants of an automotive light system with Alloy 6. *International Journal on Software Tools for Technology Transfer (STTT)*, 26(3):365–377, June 2024. CODEN ???? ISSN 1433-2779 (print), 1433-2787 (electronic). URL <https://link.springer.com/article/10.1007/s10009-024-00752-3>.

Arcaini:2024:JAR

- [974] Paolo Arcaini, Silvia Bonfanti, Angelo Gargantini, Elvinia Riccobene, and Patrizia Scandurra. A journey with AS-META from requirements to code: application to an automotive system with adaptive features. *International Journal on Software Tools for Technology Transfer (STTT)*, 26(3):379–401, June 2024. CODEN ???? ISSN 1433-2779 (print), 1433-2787 (electronic). URL <https://link.springer.com/article/10.1007/s10009-024-00751-4>.

Krings:2024:VLL

- [975] Sebastian Krings, Philipp Körner, Janik Dunkelau, and Kristin Rutenkolk. A

verified low-level implementation and visualization of the adaptive exterior light and speed control system. *International Journal on Software Tools for Technology Transfer (STTT)*, 26(3):403–419, June 2024. CODEN ???? ISSN 1433-2779 (print), 1433-2787 (electronic). URL <https://link.springer.com/article/10.1007/s10009-024-00750-5>.