

A Complete Bibliography of Publications in *Linear Algebra and its Applications*: 1970–1979

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11 April 2024
Version 2.04

Title word cross-reference

$(AB)^+ = B_{mr}^- A_r^-$ [WHG79]. $(A \times I + I \times B)x = g$ [LNPU73]. $(Ay = \lambda By)$ [TW72]. (k) [Cha79]. (k, n) [MT79]. $(n - 1)$ [Kap72]. $(v, q + 1, 1)$ [Qua75]. $-1 - \sqrt{2}$ [Hof77]. 0 [HP78, JGK79]. 1 [Har75b, HP78]. 2 [Har75b, Sto79]. 2×2 [Est79, Tau75, Win71a]. 3×3 [AYP79, BC77]. 2 [Coh78]. n [Cou73]. A [Nic79]. $A^2 = dI + \lambda J$ [Lam75]. $A^2 = J$ [Rys70]. $AB + BA$ [Nic79]. $AH + HA^* = A^*H + HA = I$ [GG77]. $AX - YB = C$ [BK79a]. $AX = B$ [Por76, PM79]. $AXC = B$ [PM79]. B [Nic79]. BA^+C [Har75b]. C [GS79]. C^2 [Fer78a]. D [Dat78c]. ϵ [Bre74, Bre75]. G [CV73a, CV73b, CV74]. γ [Mey70]. $GF(q)$ [Qua75]. $GF(q)[x]/(a(x))$ [Cla78a]. H [Pan79b]. $h(T)(x)$ [LV75, LV76]. k [Bea70, Chr79, GS76, Smi77]. L [Rya79, Tho70]. Λ [BK79b, Mar79c]. $\lambda = 1$ [Doo75]. LU [Cry73]. M [Mar79b, NP79, Rot79a, Smi79, wK77a, wK77b, MS78, Ple76, Ple77, Rag78, Wat72, Wil77, BM76, JGK79]. $M = (AD; BC)$ [HM75]. n [Dav79, Kap72, MR73, Pin79]. $n \times n$ [BCL75]. ω [Var77]. P [GZ79a, MR73, Hed75, HW79b, Laf75]. $P^*KP + L$ [Ber74]. Q [KW79].

$Q(h(T)(x))$ [LV75, LV76]. $Q(x)$ [LV75, LV76]. qd [Hou71b]. QR [DT71, Gen75]. QZ [Wil79]. r [Kim75]. R^n [O'B75, Uhr77]. S [MR73]. $SA + A^*S = S^*B^*BS$ [CD79]. $TA - BT = C$ [Hea77]. τ [Var77]. $TB + CT = -A$ [HW79c]. $XA + AY = F$ [HMW79]. Z [Pan79a]. $\|A^{-1}\|_\infty$ [Var76a].

-algorithm [Bre74, Bre75]. **-BIBD** [Qua75]. **-bundles** [Coh78]. **-characters** [Cha79]. **-circulant** [Smi77]. **-dimensional** [MR73]. **-factorization** [Cry73]. **-functions** [Rya79, CV73a, CV73b, CV74, MR73]. **-gons** [Dav79]. **-inverses** [Mey71]. **-matrices** [KW79, Mar79b, Mar79c, NP79, Pan79b, Rot79a, Smi79, Var77, GZ79a, wK77a, wK77b, MS78, Pan79a, Ple76, Ple77, Rag78]. **-matrix** [But72, Ple77, Wat72, Wil77]. **-measure** [Chr79]. **-Minors** [Hed75]. **-numerical** [GS76, GS79]. **-orthogonal** [BK79b]. **-potent** [Kim75]. **-Square** [Kap72]. **-stability** [Dat78c]. **-symmetric** [JGK79]. **-Widths** [Pin79].

1977 [Ano77i]. **1978** [Ano78k].

A. [Ste79c]. **Abschätzung** [Sch78]. **absolute** [Fri79, Par79, Tho71]. **Accurate** [Mat75]. **achieves** [Hed75]. **actions** [Hof76b]. **Addendum** [Ano74a]. **addition** [MT75]. **Additive** [Tau75]. **ADI** [LNPU73]. **adjoint** [Djo73]. **adjoints** [Hal71]. **affine** [Hof76b, Put79]. **afforded** [IM79]. **Alg** [Lon79]. **algebra** [Ano79k, Hol79, Laf79, Lyl78, Mer78]. **Algebraic** [BS75, Bri78, Rot75, Els79, Lyl78, Win71b]. **algebras** [Djo75, Hir74, Ion76, Kah71, LC70, MM72a, O'R77, Rob75]. **Algebren** [Hir74]. **Algorithm** [DT71, Bal71, Bre74, Bre75, CGG77, DD76, GM73, Gre73, Hou71b, Hu70, Wil79]. **algorithmes** [Mor76]. **algorithms** [DD75, Els79, Mor76]. **Almost** [Pad76, Ruh75]. **ALPS** [BW78]. **Alston** [Ano77a, Ano78a, Wil75a]. **alternative** [Mey78b, Mih71]. **Among** [Par76]. **analogue** [Bar75]. **Analysis** [Gen75, GLR78a, GLR78b, DR76, Sty73]. **Analytic** [HP79b]. **angles** [CP79]. **anisotropic** [Hea75]. **Announcement** [Ano77b]. **Antiderivations** [MM72a]. **antisymmetrien** [Bod79]. **antisymmetries** [Bod79]. **application** [BK73, Kru77, Ros76a, Sil70, Usm71, Wii78]. **Applications** [Bre76, Lan77a, Lan77b, Mer78, Van71, And79a, BBI73, Bri78, DD76, Fan75, FL74b, Neu78]. **approach** [Dav77, Ger77, Hoc70, Naz77, Par70, Pul71]. **approximate** [Kov76]. **approximation** [Sta75]. **Arbitrary** [Hua78, Sch79, Deu71, Fre73, Joh71a]. **Archimedian** [Bye70]. **Area** [Smi71]. **arguments** [Var76a]. **arising** [Law75]. **arithmetic** [Kru77]. **Arnold** [Was77]. **arrays** [Kru77]. **Artinian** [McD78]. **assignment** [BL78, Cru79]. **Associated** [Var73, CF79, Mer71]. **asymptotic** [Hu70, Was77]. **August** [Ano77i]. **Author** [Ano70a, Ano71a, Ano73a, Ano73b, Ano75a, Ano75b, Ano75c, Ano76a, Ano76b, Ano76c, Ano77c, Ano77d, Ano77e, Ano78c, Ano78d, Ano78b, Ano78e, Ano78f, Ano79a, Ano79b, Ano79c, Ano79d, Ano79e, Ano79f].

automatic [Ban79]. **automorphism** [Hor78b]. **automorphisms** [Est79, Gil77]. **averaging** [Fla74]. **Award** [Ano77a, Ano78a, Wil75a].

B [Lee75, SS73]. **B-splines** [Lee75, SS73]. **Banach** [Kov74, Kov75, Vid76]. **Band** [GT79, Met73, Usm71, YI79]. **Bandmatrizen** [Met73]. **based** [Fre73]. **bases** [Bra70]. **basic** [Gib76, Naz77]. **be** [Far77]. **behavior** [Cam79, Tho76b]. **Best** [JO75, LNPU73]. **between** [BK79b, Djo73, Djo75, FO78, Hor75, Par75, Sin79, Var73, Vit79]. **BIBD** [Doo75, Qua75]. **bilinear** [AS79, BD78, Laf75, Zel79b]. **biquadratic** [Cal73, Cho75b]. **birth** [HM70]. **Block** [Eis73, Eis76, Kos78, Uhl73, Bar76, Pow76, Sha79, Smi77]. **block-partitioned** [Bar76]. **blocks** [Hal76b, RR73]. **blocs** [RR73]. **board** [Ano72, Ano73d, Ano74b, Ano75d, Ano76d, Ano77f, Ano77g, Ano78g, Ano70b, Ano71b, Ano73c, Ano75e, Ano75f, Ano76e, Ano76f, Ano77h, Ano78h, Ano78i, Ano78j, Ano79g, Ano79h, Ano79i, Ano79j]. **Boolean** [FG77, Gra75, KR78, KR79a, RR75, Rob78a, SS76]. **booléens** [Rob78a]. **bordered** [Hal76b]. **Bound** [Sch70, Var75]. **boundary** [MF78, Nat73, Usm71]. **Boundedness** [Wil70]. **bounding** [Var76a]. **Bounds** [BG74b, BG76a, Fie72, FM78, Joh74b, Rob73, Ste79b, TW78, Wil75b, Bye70, Nic79, Nwo78, Pat76, vLvEB78, FL74a]. **Bruijn** [HP79a]. **bundles** [Coh78]. **burst** [SD77].

calculating [Els76b]. **calculation** [Tch79]. **calculations** [TW72]. **Calculus** [Dav73, Sil70]. **Camion** [Lev72a]. **can** [Heu73]. **Canonical** [Hol79, Uhl76, Van79, Hea73, Hoc70, Oko79, Was77, Wil79, GLR78a, Joh74a]. **capacity** [Ste77]. **Cardinal** [LS73, SS73, Lee75, LS73]. **cas** [RR73]. **case** [Joh74a, RR73]. **Cauchy** [Mar79a]. **Cayley** [Fan72]. **central** [Cat78, Weh77]. **centralizer** [Smi74, Smi76]. **centrosymmetric** [CB76, Cru77, PBA73]. **certain** [And79a, And73, Bar76, CPW74, Doo70, HW79a, Hil77, Joh74b, Kan78b, Pad76, Par75, PR77, Sin77, Sto79]. **chain** [Sta75]. **chains** [Har75a, Paz75]. **change** [BM79]. **Chaotic** [Don71, Rob76]. **chaotiques** [Rob76]. **characteristic** [Bax78, BG74b, BG76a, Ful73b, Ful79, KP74, Tho76c, Wii78, dO72, dO74]. **Characterization** [Cia70, Djo75, Ful73a, Cha75, Cru75, Doo75, Fri79, Pan79b, RS74, Rot79b, Uhr77]. **characterizations** [DC79, Els76a, Fun79, Kan78a, Ple77]. **characterizing** [Doo70]. **characters** [Cha79, Fre73]. **Chebyshev** [Uhr77]. **Chipart** [Dat78a]. **circulant** [Sea79, Smi77, Zel79a]. **circulants** [Cha73, Lam75, Wan79]. **circular** [CP79]. **class** [Aba79, AT76, And78, AHS76, Cia70, Fer78a, Mee76, MW79, Moh76, vK70]. **classes** [Cha79, CHL70, Ful73a, Ful73b, MR73, Mul79, Reh77, Rot79b, BW78]. **classical** [Hoc70]. **Classification** [Djo78, Rot79a]. **classified** [FMKL79]. **Closeness** [Ruh75]. **codes** [SD77]. **coding** [Lyl78]. **Coefficients**

[Lan77a, Lan77b, Hol77, Hol78]. **Cohn** [Dat78b]. **collections** [CV74]. **collineations** [Cat78]. **column** [BC73, HP78]. **columns** [Mar79d]. **Combinations** [Maj79, Kap75]. **combinatorial** [Bri78, Cru77, Hof76a, Pad76, Par70]. **Common** [Bar77, Bar70, MB78]. **commutative** [BEK78, BG78, Chi77, Cou73, Est79, Gus79]. **commutativity** [Par75]. **commutators** [Max71, Rob71, Tau75]. **commuting** [Dav70, LNP71, Wat76]. **compact** [Gil77]. **companion** [Bar75]. **Comparison** [Sen75]. **Compatibility** [Kov76, Joh77b]. **Compatible** [Kov77]. **Complement** [Cot74, BJ78, Hay70, Wat72]. **complementarity** [Kan78a, Kan78b, Kos78, Mur72, Pan78]. **complementary** [Moh76, Mur72]. **complements** [And79b, Ost71]. **Completely** [Cho75a, Rag78]. **Complex** [KS78, Bar71, Cho75a, DR77, Heu73, KR73, Laf77, LC70, MN79, Sei74, Tho79b, Tho79c]. **complexity** [AS79, KR79a, Kru77, Win71b, vLvEB78]. **Computation** [Bre75, Van79, Laf75, Zel79b]. **Computational** [Law75]. **computer** [Tch79]. **Computing** [FG77, Hua78, DD76, HW79b, LNPU73, Ros76b]. **Concavity** [And79a]. **concepts** [Sch77]. **concerning** [Lev72b]. **Condition** [GJ70, Mar73, Sau77, FL74a]. **Conditions** [Dia79, Kwo77, dOdS79, Far77, Mar79c]. **cone** [Bar73a, BT73, Hor78b, Hor78a, Pan78]. **cones** [Bar73b, BL75, BF76, Bar78, BIL78, BBI73, HFP76, LS75, Mur72, O'B75]. **congruence** [Cai73, Joh74a, Ng76]. **conjecture** [KR79b, Lon71, Min79]. **conjugacy** [Roi78]. **Connection** [Var73, Els79]. **considerations** [Har77]. **considered** [Cla78a]. **Consistency** [vdSV79, Fan75]. **consisting** [Djo78]. **Constant** [Lan77a, Lan77b, FL74b, HP78, Sin77]. **constrained** [Mar79d, You79]. **constraint** [Wil70]. **constraints** [Far77]. **Construction** [GW76, Hea75, Hoc79, Ros76a, SS76]. **constructive** [Hoc70]. **containing** [MA79]. **Context** [San72]. **Context-free** [San72]. **continuant** [Hea70]. **Continuity** [CM75, Cam77]. **continuous** [Sta75]. **Contraction** [RR73, Rob76, Rob76]. **control** [FW74]. **controllability** [CH76, Wim74]. **Convergence** [Rob76, Naz75, Sto79]. **Convex** [BG76b, Eck75, Par70, Smi71]. **convexity** [AYP79, CF72, Fox78, Sau77]. **copositive** [CHL70]. **correcting** [SD77]. **Corrections** [Bre76]. **criteria** [Bal78b, CF72, Fer78a]. **criterion** [Dat78a, Laf79, Met73, Ng76]. **Cross** [Tam76, Tam75]. **Cross-Positive** [Tam76, Tam75]. **crypto** [Hol78]. **crypto-unitary** [Hol78]. **cryptocontractions** [Hol77]. **curious** [BK73]. **curves** [Hil77]. **Cyclic** [Dav79, ES73, FT79, Cha70, Fei77, Naz75, Ste77].

data [GW76, Hoc79, dBG78]. **death** [HM70]. **decomposable** [BH79, Dia79, Mer77, Min72, dOdS79]. **Decomposition** [Rad75, And74]. **Decompositions** [Gen75, Kru77]. **defined** [And74]. **définies** [Far76]. **Definite** [GV79, Ste79b, And79a, AY73, Bal70, Djo76, HW79b, Joh73, KP74, Nic79]. **definiteness** [AY75]. **degrees** [Car72]. **Dénes** [Gal78]. **density** [SD77].

dependence [Sil70, Ste77]. **derivative** [MSH77]. **derivatives** [DM78, Pao73a, Pao73b]. **designs** [Gra75]. **detection** [Met73]. **determinant** [AHS76, Bre76]. **Determinants** [Est79, Joh74b, Vit79]. **determined** [Web74]. **Deterministic** [Arn76]. **diagonal** [Ach78, BC77, BVW78, ES73, Neu79, PR77, Tho79c, TW78, Var76a, Var76b]. **Diagonalization** [Uhl73, Eis73, Eis76, Sha79]. **diagonals** [Pan79b, Sin77]. **Dieudonné** [Bre76]. **difference** [AG75, Ber75, Ber76, Cam79, CF79, FM78, Ros76a, Tur77, Lan77b]. **differences** [Vit79]. **Differential** [Lan77a, FL74b, Nat73, Was77]. **dilation** [Dav77]. **dimension** [BC75, Eck75, Gro77]. **dimensional** [AS73, Bar73a, Fei77, FO78, Moo74, MR73, Van76, Vid76]. **dimensions** [AH79, Ben70, Lon79]. **Diophantine** [CP79]. **Direct** [Oko79, O'R77, Par79]. **Dirichlet** [Olk79, Rya79]. **Dirichlet-type** [Olk79]. **disks** [JO75]. **Dissipative** [Tho75a, Fan72]. **distance** [FMKL79]. **Distortion** [Hol77, Hol78]. **distribution** [Arn76]. **d'itérations** [Rob76]. **divisible** [Far76]. **divisibles** [Far76]. **division** [DM79]. **divisor** [Bar70, MB78]. **Divisors** [GLR78a, GLR78b, Car72]. **Domains** [MA79, Zen77, vdS79]. **dominance** [Joh79, Neu79, Var76a, Var76b]. **double** [Max71]. **Doubly** [Ach78, Sin77, BG75, BW79, BG76b, Chr79, Fie72, Gib76, Gib78, Hed75, Joh71a, Joh74a, Lev72b]. **Drazin** [CM75, Cam77, CM78, Gre73, Ros76b]. **dual** [Aba79, BF76, BIL78, GP79, Gra75]. **duality** [Bal71, Bri78]. **Dulmage** [Kim79]. **D'Yakanov** [Ban79]. **dynamics** [Ros76a].

edges [Hof72]. **Editorial** [Ano72, Ano73d, Ano74b, Ano75d, Ano76d, Ano77f, Ano77g, Ano78g, Ano70b, Ano71b, Ano73c, Ano75e, Ano75f, Ano76e, Ano76f, Ano77h, Ano78h, Ano78i, Ano78j, Ano79g, Ano79h, Ano79i, Ano79j]. **effective** [Bal78b, Ng76]. **eigenelements** [Bre75]. **eigenproblem** [Wer70]. **eigenspaces** [Rot75]. **Eigenvalue** [Fri75, Fri77, Hil77, Nic79, Ste79b, Els79, Hal76a, Hof77, MN77]. **Eigenvalues** [CB76, Hof72, Pai74, Ruh75, Van71, Var73, Arn76, Ber75, Ber74, Doo70, Eis76, Fie72, FM79, HM70, KS78, Loe71, Mor76, Nwo78, Sch78, Sin79, Smi71, TF71, Tho76b, Ves79, Zen77, vK70, JO75]. **eigenvector** [Wer73]. **Eigenvectors** [And73, Hal71, CB76, FL74b, Sen75]. **eigenvektors** [Wer73]. **eigenwerte** [Sch78]. **Eight** [BP76]. **Einschließung** [Wer73]. **electrical** [AT76]. **Elementary** [GS77, Ber74, Car72, Dat78a, DB71, Joh77a, Kap72, vLvEB78]. **elemente** [Hir74]. **Elements** [Par76, Bal78a, HK76, Hir74, Mar79d, Smi74, Tho79c, TW78, Vit79, vK70, Joh71a]. **Elimination** [Coh74]. **embeddings** [DC79]. **Enclosure** [Wer73]. **endomorphisms** [MR76, Rob71]. **Eneström** [ASV79]. **entire** [MOV78]. **entries** [BVW78, IM79]. **Enumeration** [BC73, CH77, Ful73a]. **EP** [Bal75, Duk70, HK76, Mey70]. **Epimorphisms** [Pra76]. **EP_r** [Kat75]. **equal** [Ach78, Nic75, Wes72]. **equality** [Bal78a, Dia79, dOdS79]. **Equation** [Por76, BK79a, CD79, Hal79, HMW79, HW79c, Rys70, Spa78]. **Equations**

[Kov77, Lan77a, Lan77b, Van77, Vet75, Bar77, Ber75, Ber76, BBI73, Cam79, Chi77, Dau78, FL74b, FM78, GG77, GZ79b, Har78, Kov76, Nat73, OS72, PT79b, Rob76, Ros76a, Sha77, SW73, Was77, Rob76]. **equimodular** [Eng73]. **Equivalence** [Mul79, Ger77, GZ79b, Joh74a]. **Erdos** [HP79a, KR79b]. **Error** [Gen75, Rob73]. **errors** [SD77]. **Essentially** [Joh71a, Joh74a, Joh77a, Kel71]. **estimate** [Sch78]. **Estimates** [Coo75, Nwo78, Mat75]. **Euclidean** [BF76]. **evaluation** [BD78]. **exact** [FL74b]. **examples** [Sto79]. **exceeds** [Hof77]. **existence** [Bax78, HR74, Mar79d, Ptá76, TW72]. **Expansion** [Lan71]. **Expansions** [Tan75]. **Explicit** [Dav73, WHG79]. **exponent** [Cou73]. **expression** [Mey78b]. **extension** [GR79, GK76, Kim79]. **Extensions** [FO78, OP79, Uhl79, Dav76, Olk79]. **exterior** [MM72a, MR76, MA77]. **Extrema** [Ber74]. **Extremal** [BC75, Dav76, Mar75]. **Extreme** [HFP76, O'B75].

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