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Title word cross-reference

$1/r$ [DL08]. 137 [Bor35b]. **\$2.50** [Mor54]. **\$3.80** [Kle70c]. **\$4.95** [Kle70b]. ${}_2$
[Bor18g, Pac10]. $n \log n$ [ADO11].

1 [Lor10]. **14.99/\$25.00** [Ber04]. **1801** [vS21]. **1911** [Meh75]. **1916-1955**
[Mar73]. **1926** [Bor54a]. **1928** [HKP+32a, HKP+32b]. **1933** [Krö98]. **1945**
[Bor45a]. **1947** [Bor63-28]. **1951** [Bor63b]. **1955** [For70]. **1957** [BBF+57a].
1970 [KS71, Lin98]. **1995** [Krö98].

20 [Goe88]. **24.80** [Kle70a]. **240pp** [Ber04].

3.85 [Bro72]. **37th** [Bor53c].

4 [RSS+07]. **480pp** [Ber04]. **4th** [Bor50b].

50th [AV24, Bor59b, Bor63v]. **55** [BB69a].

60th [Ber15, Sho20].

7 [Sho20]. **7th** [Sho20].

80th [Ano63, CS79b, Ros79].

978 [Sho20]. **978-1-108-47743-7** [Sho20].

in [Bor69f].

Abbildungsfehler [Bor32c]. **aberrations** [Bor32c]. **Abhandlungen** [BB22a, BB63g, Bor63c, Bor63d, Seg64]. **Ableitung** [Bor10b]. **Ablenkung** [vS21]. **Abraham** [BvL23, BvL63]. **Absolute** [BS35, BL18b, Bor18d, BL63b]. **absoluten** [Bor18d]. **absorbance** [BL11]. **absorbierenden** [BL11]. **absorbing** [BL11]. **absorption** [Bor32d]. **Absorptionsbanden** [Bor32d]. **Absorptionsvermögen** [BL11]. **Achievement** [Bor68a]. **Achtzehn** [BBF⁺57b, ABH⁺55, ABH⁺87]. **achtzigsten** [Hei62]. **Activity** [Bor35c, Bor15d, Bor15e, Bor22e, Bor36a, Bor63-51, Bor63-52]. **Adiabatensatz** [Bor26b, Bor63j]. **Adiabatensatzes** [BF28, BF63b]. **adiabatic** [Bor26b, BF63b, BF28, Bor63j]. **Adsorption** [BW63a, BF30, BW31a, BW31b, BF63c]. **Adsorptionskatalyse** [BF30, BW31a, BW31b, BF63c, BW63a]. **Aesthetics** [Sur99]. **Aether** [Bor54a]. **Affairs** [Bor50d, GR63]. **affinité** [Bor24c]. **affinity** [Bor19a, BB20a, BG21a, Bor24c, Bor63l, BB63d]. **Affording** [Ure67]. **after** [AS96, Kae48, Krö98]. **Again** [Ano67, Jon05]. **against** [ABH⁺55, ABH⁺87]. **Age** [GR63, Bor55e, Bor62a, BB71c, BB84, BB90, Cha05, And81]. **ago** [Bor01a]. **aide** [dB53]. **air** [Hag08]. **Aktivität** [Bor15d, Bor15e, Bor22e, Bor63-51, Bor63-52]. **al** [Mor54]. **Albert** [Bor56a, Bor63u, Bro72, For70, Kle70a, Mar73, Bor55a, Bor56a, Bor63u, BB69a, BB71a, BB71b, BB05, Sch49a, Sch49b, Wei12]. **alchemy** [Hag08]. **Alfons** [Krö98]. **Alkali** [Bor63o, Bor32d, Bor32a]. **Alkalihalogenide** [Bor32d]. **Alkalihalogenidkristalle** [Bor32a, Bor63o]. **allgemeinen** [Bor16a]. **Alloys** [Bor37a]. **Alte** [Lor10]. **Althoff** [Som05, Som05]. **Am** [Ber06]. **Ambition** [Jon08]. **American** [Ber04, AV24]. **Amplitude** [BB21b, BB22a, BB63g, BB63h]. **Analysis** [KED⁺60, Man18, Man19]. **Analysis/Mehlin** [KED⁺60]. **Anatas** [BB25a]. **angeregt** [BH23a, BH63a]. **anisotrope** [Bor16b, BS16]. **anisotropen** [Bor17]. **anisotroper** [Bor18b]. **anisotropic** [Bor16b, BS16, Bor17, Bor18b]. **Anniversaries** [Ano52]. **anniversary** [AV24, Bor59b, Bor63v, Sho20]. **Ansätze** [BR31]. **Anthology** [BB63a]. **Anton** [Fis10a, Fis12a, Fis10a, Fis12a]. **Antoon** [Bor28a, Bor63a]. **Antwort** [BL19]. **Anwendung** [Bor19c, Bor63s]. **'Apeiron** [BP44c]. **aperiodic**

[BJ25b, BW26b, BW26a, BJ63b]. **aperiodischer** [BJ25b, BJ63b]. **Appleton** [Mor54, MPK⁺54]. **Application** [Bor38a, Bor19c, Bor31a, Bor63s, Car89]. **applied** [SG82]. **Approaches** [BR31]. **Approximation** [ADO11, Dem03, Hov18, SG52, AV24, BS85, GDR04, Hol07, Koz91, PST07, SG82]. **April** [BBF⁺57a]. **Arbeit** [Bor09a, Bor10a, Sch05]. **Arbeiten** [BL19, Ber15]. **Archiv** [Lin98]. **Arms** [vW57]. **army** [Pal00]. **Arnold** [Bor42a, Bor42d, Bor63p, Bor51a, Bor51b, Bor52b, Bor63b]. **aro** [BB90]. **article** [Bor13d]. **Articles** [BR95, GR63]. **Artikel** [Bor13d]. **Ascent** [Bro73a]. **Ash** [Krö98]. **Ash/Alfons** [Krö98]. **Aspects** [Bor27b, Bor40b, Man18, Bor36c, Bor37b, Meh75]. **assistant** [Enz02a]. **Association** [Bor28b, Bor31d]. **Assoziation** [Bor28b]. **astounding** [Haw11]. **Astrology** [Ano01]. **astronauts** [Bor58c]. **Astronomical** [Bor53a]. **Astronomy** [KED⁺60, FF91]. **Astronomy/Born** [KED⁺60]. **Äther** [Bor19f, Lor10]. **Atom** [BH27, Bor57b, BL63b, Bor63-27, Bor64a, DM69, Rod19, Bor20a, BB20a, BH23a, BH25, Bor26a, Bor26c, BJ30, Bor60c, BH63a, BB63d, Bor67a, Bor20a, Bor64a, Fow27]. **Atombau** [Bor40c]. **Atomdynamik** [Bor26c]. **Atome** [Bor20e, Bor63r]. **Atomen** [BH23b, BJN25]. **Atomforschung** [BBF⁺57b]. **Atomgefahren** [BKCK58]. **Atomic** [And81, BBD⁺46, Bor35a, Bor46a, Bor47c, Bor51c, BBSR69, Bor70c, Com56, FR13, GR63, Pei97, vW57, BBF⁺57b, Bor09d, BL18b, Bor18h, BL18a, BL19, Bor20b, Bor24d, Bor26a, Bor26c, BL63a, BB71c, BB84, BB90, Bor23a, Bor27a, Bor65c, Bor71, BRB71, CZPS37]. **Atómica** [Bor65c, BRB71, Bor71, BB71c, BB84, Alb71]. **atomikoan** [BB90]. **Atomistik** [Bor20b]. **Atomkonstanten** [Bor27a]. **Atommechanik** [BJ30, BH25, Giu13]. **Atommodell** [Bor09d, BL18a, BL19, BL63a]. **Atommodelle** [BL18b, Bor18h, BL63b]. **Atoms** [Bor26c, Sal19, Bor19a, Bor20e, BH23b, BJN25, Bor63r, Bor63l]. **Atomtheorie** [Bor23a, Bor24d]. **Atomwaffen** [ABH⁺55, ABH⁺87]. **Atomzeitalters** [Hei72, Bor55e]. **Attempt** [Bor65i, BF40e]. **attraction** [vS21]. **Attraktion** [vS21]. **Aufbau** [Bor20b, BB27]. **Auffassungen** [LBBH69]. **Aufsätze** [Bor20b]. **Ausgewählte** [Bor63c, Bor63d, Seg64]. **Aussprache** [BKCK58]. **Authority** [Sur99]. **Axioms** [Man19]. **Axis** [Bor35c, Bor36a].

B [BDR84]. **Bahnbrecher** [Hei72]. **Baked** [BB63a]. **Balmer** [BFL46]. **Band** [BJ30, Giu13]. **bands** [Bor32d]. **Based** [Khr09]. **basic** [Bor10b]. **Basis** [Bor19b, Bor22a, BG48]. **Basque** [BB90]. **Basta** [CZPS37]. **Baumeister** [Gre06, GE08]. **Bd** [Lin98]. **„von** [Som05]. **Be** [Ano10, Enz02b, Nik08]. **bearbeitet** [Bor10b]. **Became** [Bor65f]. **Bedeutung** [Bor28e]. **before** [Nik08]. **Began** [Kae48]. **begriffliche** [Bor54b]. **Begründer** [Bor28c, Bor63-41]. **Begründung** [Bor14b, BHJ62]. **Behandlung** [Bor39c]. **Beitrag** [BF30, BF63c]. **Beiträge** [KED⁺60]. **belated** [HR23]. **belief** [Bor57d]. **Bellman** [KED⁺60]. **Bemerkung** [Bor32b, Bor63q]. **Bemerkungen**

[BL19, Bor53g, Bor15a, BB22a, BF25a, Bor61a, Bor63e, BB63g].
Berechnung [BL18b, Bor18d, BL18c, BL63b, BL63c]. **Berichtigung**
 [Bor09a, Bor10a, Bor63f]. **Berliner** [Bor42a, Bor42d, Bor63p]. **Bernard**
 [Hei72]. **Bertrand** [Bro72, Mar73]. **Besprechung** [Som15, Som34, Som50].
Besprechungen [BvLM23, HKP⁺32a, HKP⁺32b]. **Best** [AG20].
Bestimmung [Bor18e, BB21a, Bor63-50]. **Besuch** [Bor58c].
Betrachtungen [Bor20g, Bor20h, Bor20i, Bor57a, Bor63z, Bor63g, Hab19].
between [AV24, BL11, Bor18e, Bor20c, BK23, Bor40g, Bor43c, Bor63-50,
 Bor63-46, BB71a, BB71b, BB05, Bro72, CS79b, Ros79]. **Beugung** [Bor59c].
Beweglichkeit [Bor20j, Bor20k, Bor63-49]. **bewegten** [Bor10b, Bor12a].
bewegter [Bor10a, Bor10d, Bor14b]. **Bewegung** [vS21]. **Beweis**
 [BF28, BF63b]. **Beyond** [Bow08, De 16, Khr09, Rod19, Val23, Bor66d].
Beziehung [Bor18e, Bor63-50]. **Beziehungen** [Hei25]. **Big** [Hei72]. **Binary**
 [Bor35c, Bor36a]. **binding** [Bor31b]. **Bindung** [Bor24b, Bor31b, Bor30b].
Biographie [GE08, Sto98, SJ98]. **biography** [Enz02b, GE08, Sto98].
biological [HP02]. **Biradicals** [BS50]. **Birthday**
 [Ano52, Ano63, CS79b, Ros79, Ber15, Hei62, Paw08]. **bis**
 [Fis10a, Fis12a, Hei72]. **bleibt** [Bor63-58]. **blessing** [Bor66g]. **Blessings**
 [Bor66b]. **Bodie** [Bor10a]. **Bodies**
 [Bor10d, Bor10b, Bor10e, BL11, Bor14b, Bor26a, BB63g]. **body**
 [Bor10c, vS21]. **Bohm** [Nik08]. **Bohr**
 [BL18b, BL18a, BL19, BH23b, BL63a, CS79b, Nik08, Ros79]. **Bohrian**
 [BL63b]. **Bohrschen** [BH23b]. **Bohrscher** [BL18b, BL63b]. **Bohrsches**
 [BL18a, BL19, BL63a]. **bond** [Bor24b]. **bonding** [Bor30b]. **Book**
 [A.53, Alb71, And81, Ano46, Ber50, Bey06, Bla58, Bor37a, Bor40c, Bor44a,
 Bor46b, Bor46c, Bor47d, Bor51d, Bor53b, Bor54a, Bor68a, Bre73, Bro72,
 Cas05, CZPS37, Cop61, Din50, Din23, Far79, For68, For70, Fow27, Han80,
 Hec00, Hei72, Hei79a, Hei79b, Hol88, Kle70b, Kle70a, Kle70c, Kör59, Lax55,
 Lin98, Lin58, Mar50, Mar73, McC49, Mil60, Mil49, Mor54, MPK⁺54, Nor71,
 Oes68, Pag63, Pry60, Rom65, Sch79, Seg64, Sho20, Str64, Str60, Süs57,
 Wol66, da 33, HKP⁺32a, HKP⁺32b]. **Books**
 [Ano56, BDR84, BB63a, CZPS37, Bor40b]. **border** [Bor31c, Sch05]. **Born**
 [Alb71, Ano46, Ano63, Ano02, Ano10, Anoxx, ABdB⁺53, Ber06, Bey06,
 Bla58, BR95, Bre73, Bro72, Cas05, CS83, Cop61, Fis10b, Fis12b, For70,
 Fow27, Gre06, GE08, Hec00, Hei72, Hei62, K⁺83, KS71, Kle70b, Kle70a,
 Kle70c, KED⁺60, Lax55, Lem82, Lin98, Mar73, Mil60, Sch05, Sch07, Sho20,
 Som05, Som33, Str64, Str60, Wei82, Wol66, Nik08, A.53, Alb71, Ali05,
 ADO11, And81, Ano52, Ano56, Ano63, Ano70, Ano82, Anoxx, AV24, AG20,
 Bac22, Bak83, Bel90, Ber50, Ber05, BB99, BS85, Bla08, Bor10b, Bor20d,
 BI34c, BBB50, Bor63-57, Bor64c, Bor65f, Bor65g, Bor65h, Bor68b, BB69a,
 Bor69b, BB71a, BB71b, Bor79, Bor02, BB05, BC80, Bow69, Bow08, Bre70,
 Bro72, Bro73b, Car89, Cas12, Che70, CS79b, CZPS37, Coo02]. **Born**
 [De 16, DL08, Dem03, DM69, Din50, Din23, Dre17, Ein91, Enz02a, Far79,
 FP09, For68, For70, Fre01, FL10, Fre34, Gal01, GDR04, Giu13, Gow79,

Gre05a, Gre05b, Gre06, GE08, GS47, Hai12, Han80, Hei79a, Hei79b, HR23, Hei62, Hol07, Hov18, HMLM88, Ily16, Jon05, Khr09, Kle70c, Kon78, Kör59, Koz91, Lan83, Lap69, Lem82, Lem83, Lin58, Man18, Man19, Mar50, Mat78, McC49, Mil49, MS69, Nik08, Nor71, Oes68, Pac10, Pag63, Pai82, PST07, Paw08, Pei71, Pry60, Rom65, Ros79, RS51, SK66, Sch05, Sch07, Sch79, SF05, SG52, Seg64, Sig96, SGM⁺12, Som05, Som15, Som34, Som50, SG82, Sur99, Süs57, Val23, Wei12, Wei82, Wes80, Wil67, Wol83, Wol95, da 33, vLP52, Kle70a, Mor54, MPK⁺54]. **Borns** [Lem83]. **Breakdown** [BS85]. **Breaking** [Bor40g]. **Brechungsindex** [Bor18e, Bor63-50]. **Breslau** [Anoxx]. **bridge** [Bor20c]. **brief** [Enz02b]. **Briefe** [Som05]. **Briefwechsel** [BB69a, EB82, Bor69b, For70, Kle70a]. **Brillouin** [Bor46b]. **British** [Bor31d, Bon05, Bor31d, Pal00]. **Brogie** [Dre17]. **Brücke** [Bor20c]. **Bücher** [BDR84, KED⁺60]. **Buchwesens** [Lin98]. **buckling** [Bor09g]. **builder** [Gre06, GE08]. **Bulletin** [GR63]. **Bundesrepublik** [Sch05, Sch07]. **Busch** [Bor62f]. **Byers** [MPK⁺54].

C [Ber04, Bor53b, HKP⁺32a, HKP⁺32b]. **calculate** [BF40e]. **calculating** [BL63c]. **Calculation** [BL63b, Bor63-47, BS85, Bor13b, BL18b, Bor18d, BL18c, Bor23c, Bor23d, Bor43d, BB43b]. **calculus** [BC80, GXB21]. **Cambridge** [Krö98, Sho20]. **can** [Bor59a]. **Cantilever** [BP63b, BP42]. **Case** [Joh13, Bel90]. **Cassidy** [Ber04]. **Catalog** [Lem83]. **Catalysis** [BW63a, BF30, BW31a, BW31b, BF63c]. **Cause** [Ber50, Bor39b, Bor39a, Bor49f, Din50, Mar50, McC49, Mil49, Som50]. **Caused** [BP63b, BP42]. **CCBA** [AV24]. **Centenary** [CS83, Ano82, Bor31d, Lan83]. **Centre** [BF40a, BF40b]. **Century** [Bro72, Bor50e, Bra09, Ber04]. **Certain** [Bey06, Cas05, BB43b, Gre05a]. **Chair** [ABdB⁺53]. **champ** [Bor38e]. **Chance** [Bor49f, Som50, Ber50, Din50, Mar50, McC49, Mil49]. **Change** [Krö98, AS96]. **channels** [AV24]. **character** [Bor21b, Bor63-54]. **charge** [Bor13d, Bor18e, Bor63-50]. **Charged** [Bor36d, Bor36e]. **Charles** [Bor15a]. **Chemical** [Bro68, Bro06, FW08, Hab22, Tho22, Bor24b, Bor24e, BH24a, Bor24a, Bor24c, Bor29b, Bor30b, Bor30a, Bor31f, BH63b, Bor63-60, Cha05, Hab86, HP02, Hol88, Pal00, Bor31b]. **Chemie** [Ber15, Bor20c, KED⁺60, Bor31c]. **Chemiker** [Sto98]. **chemische** [Bor24b, BH24a, Bor24a, BH63b, Bor31b]. **chemischen** [Bor24e, Bor29b, Bor30b, Bor31f, Bor40c, Bor63-60]. **Chemist** [Sto98]. **Chemistry** [Joh13, Ber15, Bor20c, Bor31c]. **Chemists** [Joh13]. **Chimie** [Bor40c]. **chimique** [Bor24c]. **Churchman** [KED⁺60]. **Ciencia** [BB71c, BB84, Alb71]. **Circuits** [MPK⁺54]. **Classical** [Khr09, RSS⁺07, Bor55f, Bor58h, Bor59a, Bor59e, Lan83, Bor36d, Bor36e]. **classique** [Bor59a]. **clock** [Bor58c, BB58, BB63b]. **closely** [vS21]. **cloud** [Hab86, Hol88]. **cohesive** [Bor19d, Bor19e]. **Coined** [Gal01]. **Cold** [Sal19]. **Collected** [BDR84]. **Collision** [Bor77, BJB25, Bor26e, Bor26d, Bor26f, Bor28e, Bor63-59, Bor63-36, Bor63-64].

Colloquium [Bor45a]. **color** [Bor63g]. **Comment** [Bor58f]. **commentaries** [BB05, Bro72]. **Commentary** [Got83, Kle70a]. **Comments** [Ano67, Bla67, Bor68b, Ure67, Wil67, BB22a, Bor63e, BB63g]. **Commission** [BBD⁺46]. **communication** [Bor15a]. **Comparison** [BR95]. **Composite** [Bla08]. **compressibility** [BL18c, BL63c]. **computer** [AV24]. **Concept** [Bor58a, Bor58b]. **conceptia** [Bor69f]. **Conception** [CZPS37]. **Conceptions** [LBBH69]. **Concepts** [Man19, Bel90]. **conceptual** [Bor53c, Bor54b]. **conciencia** [Alb71, BB71c, BB84]. **condensée** [Bor52d]. **Condensing** [BF38, Bor63-44, Bor37c]. **conditions** [Bor06]. **conducted** [AV24]. **Conference** [CS83, BB55, BV09]. **conferences** [Meh75]. **Conflict** [CS79b, Ros79]. **Congress** [Bor28b]. **Conscience** [BB69b, Lem82, BB71c, BB84, BB90]. **Considerations** [Bor63z, Bor20g, Bor20h, Bor20i, BF40e, Bor63g]. **Constant** [BS35, Cas12, Bor18e, Bor63-50]. **Constants** [Bor46d, Bor46e, Bor63t, BH24a, Bor24a, Bor27a, BH63b]. **constitution** [Bor23b]. **constrained** [BP22, BP63a]. **contingency** [Sig96]. **Continuity** [Bor55b, Bor63h]. **Continuum** [SK66]. **contribution** [Bon05, BF30, BF63c]. **Control** [Sur99]. **Controversy** [Sur99]. **Cooperation** [Sal19]. **Correction** [Bor09a, Bor10a, Bor63f]. **Correlation** [MS69]. **Correspondance** [Mar73]. **Correspondence** [BB69a, Bro72, BB71a, BB71b, BB05, Pei71, EB82]. **Corridors** [Bor52a]. **Corrigenda** [Bor44b, Bor63i]. **Cosmic** [Bor34a]. **Cosmological** [Cas12]. **Cottrell** [MPK⁺54]. **Coulomb** [Hol07]. **Coupled** [Bor35c, AV24, Bor36a]. **couples** [Bor37d]. **Coupling** [Bor51g, Bor63y]. **Courant** [Som05, Som05]. **Covariant** [Bor42e]. **CRC** [AV24]. **creators** [Str11]. **Criterion** [Hov18]. **Critical** [Bor20g, Bor20h, Bor20i, Bor63z]. **cross** [Koz91]. **crossers** [Sch05]. **crossroads** [BV09]. **Crystal** [BH54, BL63b, Bor63i, Bor63-31, Bor63-32, Bor63-47, Bor63-46, BB63j, Lax55, Bor15b, BL18b, Bor18d, BL19, BS19, Bor21d, BB22b, Bor23a, BGM33b, BT34, Bor40e, BF40e, BM40, Bor42e, Bor43d, BB43b, Bor43c, Bor44b, BS63b, Bor63-63, Bor64d, BH88, Mis40, Som15, BL18a, BL63a]. **Crystals** [BB43a, BB42, Bor39e, Bor63-48, BB63f, Bor63o, GS47, BB47a, Bor15c, Bor15e, BL18c, Bor18a, Bor18e, Bor18f, BS19, Bor22e, BM32, Bor32a, BGM33a, BL42, Bor46f, BB47b, Bor49h, Bor51e, Bor51g, Bor59c, BL63c, BM63, Bor63y, Bor63-50, Bor63-52, BS63b, Bor63-53, HKP⁺32a, HKP⁺32b, MPK⁺54]. **cubic** [Bor18h, BF40e]. **Curies** [Kae48]. **Current** [Bor68b]. **curse** [Bor66g]. **Curved** [Cas12]. **Czukur** [Bor15a, Bor15a].

D [Fow27, Lem82]. **Dachboden** [Som05]. **Damped** [BP63b, BP42]. **dangers** [BKCK58]. **Dans** [Bor59a, CZPS37]. **dargestellt** [Bor20d, Bor22a]. **Darstellung** [Bor20g, Bor20h, Bor20i, Bor63z]. **David** [Ber04, Som05, Som05]. **day** [HHW99]. **death** [Bor59b, Bor63v]. **debate** [Car89, BKCK58]. **Debye** [Som05, Som05]. **Declaration** [BBF⁺57a, BBF⁺57b]. **Dedicated** [CS79b, Ros79]. **Déduction** [BI34d]. **déduit** [Bor49e]. **Dee** [Ber04]. **Definition** [Bor10c]. **Definitions** [KED⁺60].

deformability [BH24a, Bor24a, BH63b]. **deformations** [Bor42e].
Deformierbarkeit [BH24a, BH63b]. **Delta** [Lap69]. **Delta-Function**
 [Lap69]. **Demonstrability** [BS50]. **Density** [BL43, BY50, Bor36b].
dependence [Bor22f]. **dependent** [PST07]. **Derivation**
 [Dem03, SF05, Ali05, Bor10b, BI34d]. **derived** [Bor49e]. **Deriving** [AG20].
Detection [Khr09]. **determination** [Bor18e, BB21a]. **determining**
 [Bor63-50]. **Determinism** [Bor63h, Bor55b, Bor55h]. **Determinismus**
 [Bor55h]. **deterministic** [Bor55f]. **deterministisch** [Bor55f]. **Deutscher**
 [Sto98]. **Deutschland** [Sch07, Som05]. **Deutung**
 [Bor24e, Bor32d, Bor55d, Bor61a, Bor63e, Bor63m]. **development**
 [Bor53c, Lor10, Meh75, Bor55e]. **deviation** [vS21]. **Diagram** [Bow69, Che70].
Dialectical [Fre01, FL10]. **Dialog** [LBB68]. **dialogue** [Bel99]. **Diamanten**
 [Bor14d, Bor63-61]. **Diamond** [Bor46d, Bor63t, Bor14d, Bor49h, Bor63-61].
diatomic [Bor18f, BF33, BF63a, Bor63-53]. **Dicke** [BB21a]. **Did** [Bor65g].
dielectric [Bor18e, Bor63-50]. **dielectrics** [Bor15a]. **Dielektrika** [Bor15a].
Dielektrizitätskonstante [Bor18e, Bor63-50]. **different** [Bor06].
differential [Koz91]. **Diffraction** [BW59, BW64b, BW65, BW69, BW75,
 BW⁺80, BW97, BW99, BWB19, Hec00, SG52, Wol66, Bor59c, Str64, Str60].
Diffuse [Bor41a, Bor42f, BLS42, Bor42g, BL42]. **Dimensional** [Lap69].
dimensions [Bor18d]. **Dipolcharakters** [Bor21b, Bor63-54]. **dipole**
 [Bor21b, BK23, Bor63-54]. **Dipolmoments** [BK23]. **Dirac** [BI34d, Bor52c].
direct [Bor20e, Bor21b, Bor63r, Bor63-54]. **direkte** [Bor20e, Bor63r].
direkten [Bor21b, Bor63-54]. **discoveries** [Bra09]. **discovery**
 [Bor59c, BC80, Hag08, Kae48]. **Discussion** [Bor43d, Bor63-47]. **Discussione**
 [HSBA60]. **Discussions** [HSBA60]. **disintegration**
 [Bor29c, Bor29d, Bor63-62]. **Dislocations** [MPK⁺54]. **Dispersion** [Bor15c].
Dissipation [BF25a]. **Distribution** [BG63, Lin98, BvK13a, BG46, BvK63a].
Disturbance [BP63b, BP42]. **DM** [Kle70a]. **d'ondes** [BI34d, dB53].
doomed [Hag08]. **Dr** [Bor42a]. **Dr.** [Bor42d, Bor63p]. **dreams** [Haw11].
Drehung [Bor15c]. **Drehungsvermögens** [Bor18b]. **Drei** [Bor20b]. **Dreier**
 [Sch05]. **Dualism** [BB68, LBB68]. **Dublin** [Bor45a]. **Duckworth** [Ber04].
Duckworth/Ivan [Ber04]. **due** [vS21]. **dünn** [BB21a]. **Duration**
 [BFL46]. **durch** [Bor59c, vS21]. **during** [AV24]. **dynamic** [Bor24b].
Dynamical [BH54, BH88, BB47a, BGM33b, BGM33a, BG47a, Lax55].
Dynamics [BL43, Bor63-46, Bor70c, Bow69, Sur99, Bor09e, Bor09f, Bor23a,
 Bor26a, Bor26c, Bor42c, Bor43c, BH55, BH56, Bor64d, Bor15b, Som15].
Dynamik [Bor09e, Bor09f, Bor23a, BH55, Bor15b, Som15]. **Dynamische**
 [BGM33b, BGM33a]. **dynamisches** [Bor24b].

Early [Jam74a, Sch05, Sch07, Sal19]. **Ebene** [Bor06, Bor63-43]. **Economy**
 [Bor39b, Bor39a]. **ECOSA** [CS83]. **Edinburgh** [Bor36c, CS83, ABdB⁺53].
edited [Bor10b, BB63a]. **edition**
 [HKP⁺32a, HKP⁺32b, Kle70c, Sho20, Bor50b]. **Editor**
 [Bor47a, Ano67, BR57, Hab22, Tho22]. **Edmund** [Bor54a]. **Edward**

[Mor54, MPK⁺54]. **Effect**
 [Bor42b, Bor46h, BB63f, Bor28f, BS41, BB45, BB47b, Bor49h]. **Egypt**
 [BB46]. **Ehrenfest** [Som05, Som05]. **Eigenfrequenzen** [Bor32a, Bor63o].
Eigenschwingungen [BvK13a, Bor14c, Bor18f, Bor63-53, BvK63a]. **Eight**
 [Bor53b]. **eighteen** [BBF⁺57b, ABH⁺55, ABH⁺87, Got83]. **eightieth**
 [Hei62]. **einem** [Som05]. **Einfluß** [BS19, BH24a, Bor24a, BH63b, BS63b].
Einstein [Ano06, Bor55a, BB69a, Bor69b, Bre73, Bro72, For70, Kle70a,
 Mar73, Som05, Bor16a, Bor19b, Bor20d, BHvL21, Bor22a, Bor22c, BB24,
 Bor49b, Bor50a, Bor50b, Bor50d, Bor55a, Bor56a, Bor62b, Bor63u, Bor64b,
 Bor65b, Bor65a, BI67, BB69a, Bor69b, BI69, Bor69c, BB71a, BB71b, Bor01b,
 BEP03, BB05, Car89, CS79b, Pei71, Ros79, Sch49a, Sch49b, Som05, Wei12].
Einstein” [Som05]. **Einsteins**
 [Bor19b, Bor20d, Bor22a, Bor64b, Bor69c, Bor01b, BEP03, Din23, Rom65].
Einwände’ [Bor13d]. **Einzel Darstellungen** [BF31]. **Elastic**
 [Bor46d, Bor46e, Bor63t, Bor06, Bor63-43]. **Elasticity** [Bor11]. **elastischen**
 [Bor06, Bor63-43]. **Elastizitätstheorie** [Bor11]. **Electromagnetic** [Wol66].
Electric [BFP45, BFP63, BS85, Bor36e]. **electrical**
 [Bor19d, Bor19e, Bor19f, Bor24e]. **Electricity** [Bor54a, MPK⁺54]. **Electro**
 [Str64]. **Electro-optical** [Str64]. **Electrodynamics**
 [BB99, Bor10a, Bor10d, BCG49, Bor63k, Bor07, Bor14b, Bor14a, BR31,
 BI34d, BI34e, Bor34c, Bor35e]. **électrodynamique** [BI34d, BI34e].
electrolytic [Bor20j, Bor20k, Bor63-49]. **Electromagnetic**
 [BI33a, Bor34b, BW59, Bor63-30, BW64b, BW65, BW69, BW75, BW⁺80,
 BW97, BW99, BWB19, Hec00, Str64, Str60, Bor10b, Bor18a, Bor33c, Bor36b,
 Bor38e, BF39a, BF39b, Bor43b, Bor53e, Bor65d, Bor72, BP46].
électromagnétique [Bor38e]. **Electron**
 [Bor52c, CZPS37, Fre34, SG52, Bor09a, Bor09e, Bor09f, Bor09b, Bor19a,
 Bor20b, BB20a, BH23a, Bor32b, Bor33b, BI34c, BP46, Bor51g, Bor63q,
 Bor63f, Bor63l, BB63d, Bor63y, Bor63n, Bor18b, BG21a, BH63a]. **electrons**
 [Bor10b]. **electrostatic** [Bor21c, Bor63-55]. **elektrische**
 [Bor19d, Bor19e, Bor24e]. **elektrischen** [Bor19f]. **Elektrodynamik**
 [Bor10a, Bor10d, Bor14b, Bor14a, Bor63k]. **elektrolytischen**
 [Bor20j, Bor20k, Bor63-49]. **elektromagnetische** [Bor18a].
elektromagnetischen [Bor10b, Bor33c, Bor43b, Bor53e, Bor65d, Bor72].
Elektronen [Bor51g, Bor63y]. **Elektronen-** [Bor51g, Bor63y].
Elektronenaffinität [BB20a, Bor63l, BB63d, Bor19a, BG21a].
Elektronenbahnen [BH23a, BH63a]. **Elektronenradius** [Bor32b, Bor63q].
elektronentheoretische [Bor14b]. **Elektronentheorie**
 [Bor10b, Bor18b, Bor20b]. **Elektrons**
 [Bor09a, Bor09e, Bor09f, Bor09b, Bor63f, Bor63n]. **elektrostatische**
 [Bor21c, Bor63-55]. **elemental** [Bor22c]. **Elementar** [Bor22a]. **Elementare**
 [BJ30]. **Elementary**
 [Bor22a, Bor46i, Bor49c, Bor49g, CZPS37, Bor22c, Bor65e, BJ30, Bor46c].
Elements [Hei72]. **elle** [Bor59a]. **Elsasser** [And81]. **Elster** [Ber15, Ber15].

Embattled [Sal19]. **Embryologist** [BBB50]. **Emigration** [Krö98]. **Emigré** [Krö98, AS96]. **Emil** [Cop61, Hec00, Mil60, Str64, Str60, Wol66]. **emission** [BL11]. **Emissions** [BL11]. **Emissions-** [BL11]. **Encyclopedia** [Bor20f]. **End** [Bey06, Cas05, Gre05a]. **endlicher** [BB21b, BB22a, BB63g, BB63h]. **enduring** [Bon05]. **Energie** [Bor14a, Bor63k]. **Energy** [BBD⁺46, Bor63k, Bor07, Bor14a, BS19, Bor36b, Bor46f, Bor47c, BS63b]. **enigma** [Ber04, Ber04]. **Entanglement** [Bla08]. **Entdeckung** [Bor59c]. **Entgegnung** [Bor13d]. **entitled** [Fre01]. **entscheidende** [Bor55c]. **Entwicklung** [Lor10, Bor55e]. **envariance** [Bla08]. **Enzyklopädie** [Bor20f]. **Eotvös** [BC13b, BC13a]. **Eotvösschen** [BC13b, BC13a]. **episodes** [Bra09]. **Epistemological** [CS79b, Ros79]. **equation** [BI34d, BI34d]. **Equations** [Bor61c, BI63b, Ily16, Bor10b, Bor33b, BI34b]. **era** [Alb71, BB71c, BB84]. **Erforschung** [Fis10a, Fis12a]. **erhobenen** [Bor13d]. **Erinnerungen** [Bor69a, Bor75, Bor56a, Bor59b, Bor59c, Bor63u, Bor63v, Bor65b, BI67, Bor68c, BI69]. **Erklärung** [BBF⁺57b]. **Ernst** [Anoxx, Bor48a, Bor63-28, Anoxx]. **Errata** [Ano02]. **Erratum** [Ber06, BW31a, Bor36a, BW31a]. **Erster** [Giu13]. **Erwiderung** [Bor55c]. **Erwin** [BG61, Bor63w]. **escaped** [Cou13]. **Essay** [Gow79]. **essays** [Bor20b]. **Estate** [Lem83, Bor10b]. **eta** [BB90]. **ether** [Bor19f, Lor10]. **Euler** [Bor09g]. **Eulerschen** [Bor09g]. **Europäische** [Bor57a]. **Europe** [Bor58d, Rod19]. **European** [Bor57a]. **Events** [SGM⁺12, Bla08]. **Everettian** [Man18, Man19]. **Evils** [Bor66b]. **Ewald** [HKP⁺32a, HKP⁺32b]. **excitation** [BJN25]. **excited** [BH23a, BH63a]. **Exclusive** [SGM⁺12]. **exile** [Sig96]. **Expelled** [MP01]. **Experiment** [Bor43a, Bor56b, AV24, Bor69e, Ano56, Kör59]. **Experimental** [BBB50]. **Explanation** [AG20, Car89]. **Exposición** [Bor22c]. **extent** [Bor59a]. **Extraordinary** [Bor68a].

F [Bor37a, Bor53b, CZPS37, Hol88, MPK⁺54, Som34]. **F.R.S** [Bor40d]. **F.R.S.** [BR95, Bor40h, Bor58g, Bor63-39, Bor63-40]. **F.R.S.E.** [BS63a]. **Fajans** [MS69]. **fall** [Cha05]. **Fame** [BHvL21]. **Family** [Ano02, Bor02]. **Faraday** [Bor31d]. **Faraday-Jahrhundertfeier** [Bor31d]. **Farbenlehre** [Bor63g]. **fed** [Hag08]. **Federal** [Sch05, Sch07]. **Feinstruktur** [BB33, BB63c]. **Ferdinand** [Lin98]. **festen** [Bor23a, Bor26c, BB27]. **fester** [Bor19d, Bor19e, BB21c, BB22a, BB63g, BB63i]. **Festschrift** [Ber15, Ber15]. **Field** [BI33b, Bor34a, Bor34b, BS35, Bor35d, BI63a, BI63b, Bor63-30, KED⁺60, Ali05, Bor33b, BI34a, BI34b, BI35, Bor36b, Bor36d, Bor36e, Bor38e, BP46]. **Fields** [BP44c, Bor50c, Khr09, Ber15, BP44a, BP44b, BP46]. **fifties** [Fre01]. **Fifty** [Bor51f, Bor51h, Kae48]. **Film** [Bor68a]. **fine** [BB33, BB63c]. **Finite** [BB63g, BB21b, BB22a, Bor33b, BB63h]. **First** [Hol88, Hab86]. **Fisher** [Fow27]. **Fisica** [Bor71, Bor61b, HSBA60, Bor65c, BRB71]. **fisicos** [Bor22c]. **five** [Bor40b]. **Fizica** [Bor69f]. **Flight** [Bor58f]. **Flow** [MPK⁺54, BBK13]. **fluctuations** [BF39a, BF39b]. **Fluid** [Bow69, Bor21b]. **fluids** [Bor16b, BS16, BG47b]. **Flüssigkeiten**

[Bor15d, BS16, Bor63-51, Bor16b, Bor18b]. **Flüssigkeitsmolekeln**
 [Bor21b, Bor63-54]. **Flux**
 [Bor57e, Bor58e, Bor59d, Bor66e, Bor69f, Bor83, Bel90]. **For.Mem.R.S.**
 [Bor47b, Bor63-35]. **Force** [CZPS37]. **Forced** [AS96, Krö98]. **Forces**
 [Bor47e, Bor19d, Bor19e, Bor24e, Bor29b, Bor31f, Bor63-60, Bor47d].
Foreign [Cla23]. **Foreword** [Bro72]. **form** [HP82, HP02]. **Formal** [Man18].
Formalism [Wei12]. **Formation** [BS50, BF25b, BF63d]. **Formeln** [Bor53g].
former [Bor57d]. **Formula** [Dem03, Bor09g, Bor53g, Bor54c]. **Formulation**
 [BW63b, BW26b, BW26a, GXB21]. **Formulierung** [BW26a, BW63b].
Forum [Dys63]. **found** [Som05]. **foundation** [Bor14b]. **Foundations**
 [BI33b, BI34a, BHJ62, BI63a, GL23, BB47a, Bor20d, BB27, Bor49d].
founder [Bor28c, Bor63-41]. **Fourier** [BFP45, BFP63].
Fourier-Transformer [BFP63]. **Frage** [Bor55h]. **Fragen** [Lor10]. **fragment**
 [BGĪ90]. **Francis** [Bor58g, Bor63-39]. **Franck**
 [Ano52, K⁺83, Lem82, vLP52, BW64a, HMLM88, Lem82, Wei82]. **Frank**
 [Lin98]. **free** [Bor20e, Bor46f, Bor63r]. **freien** [Bor20e, Bor63r]. **French**
 [Bor24c, BH28, Bor31e, BI34d, BI34e, Bor38e, BC48a, Bor49e, BB55, Bor59a,
 BH84, dB53]. **Frenkel** [BI34c, Bor62c]. **Frequencies**
 [BL43, Bor63o, Bor18f, Bor32a, BT34, Bor63-53]. **Freund** [Anoxx].
Freundlich [Bor53g, Bor54c]. **Freundlichs** [Bor53g]. **Friedrich** [Hei72].
friend [Anoxx]. **friendship** [BB05]. **Frisch** [KED⁺60]. **Fritz**
 [Cha05, HH70, MVM10, Sto98, SJ98]. **front** [Pal00]. **frontier** [Sch07].
frühen [Sch05, Sch07]. **Fuchs** [Bon05]. **fueled** [Hag08]. **Function** [Lap69].
Functions [BG63, BF40d, BF40c, BG46]. **fundamental** [Bor22c].
fundamentos [Bor22c]. **Furth** [Ano46]. **future** [Bor53c, Bor69d]. **futuro**
 [Bor69d].

G [CZPS37, HKP⁺32a, HKP⁺32b, Krö98]. **Gallery** [Pai00]. **Gänge** [Bor52a].
gas [HP82]. **Gasen** [Bor15d, BG21b, Bor63-51]. **Gases**
 [RS51, Bor15d, BG21b, Bor63-51]. **Gebieten** [Ber15]. **Geburtstag**
 [Ano63, Ber15, Hei62]. **Gedanken** [Bor68c]. **Gedanken”** [Bor69a].
gefunden [Som05]. **gegen** [Bor13d]. **Gehrcke** [Bor13d, Bor13d]. **Geitel**
 [Ber15, Ber15]. **gemeinsam** [Anoxx]. **gemeinverständlich** [Bor20d].
General [Bor36a, BG49, BGK50, BG63, Che70, BG46, BG47a, BG47b,
 Bor16a, Bor35c, RSS⁺07]. **generalization** [Bor09g]. **Generalized** [ADO11].
generatiei [Bor69f]. **Generation**
 [Bor56c, Bor69g, Bor70a, Bor70b, Hei72, Kle70c, Nor71, Pry60, Süs57].
Genesis [RSS⁺07]. **Genius** [Pai00, Hag08]. **Geometrical** [Bor32c].
Geometrische [Bor32c]. **geradlinigen** [vS21]. **Gerald** [Ber04]. **germ**
 [HP82]. **German**
 [Krö98, ABH⁺55, ABH⁺87, Ano63, Anoxx, AS96, Ber15, BBF⁺57a, BBF⁺57b,
 BO07, Bor09a, Bor09e, Bor09f, Bor09d, Bor09c, Bor09b, Bor09g, Bor10b,
 Bor10a, Bor10c, Bor10d, Bor10e, Bor11, BL11, Bor12a, Bor12b, BK12, Bor13b,
 Bor13e, BBK13, Bor13d, Bor13c, BC13b, BC13a, BvK13b, Bor13a, BvK13a,

Bor14b, Bor14a, Bor14c, Bor14d, Bor15a, Bor15c, Bor15b, Bor15d, Bor15e, Bor16b, BS16, Bor16a, Bor17, BL18b, Bor18d, BL18c, Bor18a, Bor18b, Bor18h, BL18a, Bor18e, Bor18f, Bor18g, BL19, Bor19a, Bor19d, Bor19e, BB19, Bor19f, BS19, Bor19b, Bor19c, Bor20a, Bor20b, Bor20j, Bor20k, Bor20c, Bor20e, Bor20f, BB20a, BB20b, BB20c, Bor20g, Bor20h, Bor20i, Bor20d, Bor20l, Bor21b, Bor21c, BG21a, BB21a, Bor21a, BHvL21, BB21b, BB21c, Bor21d, BG21b, BB22a, Bor22b, Bor22d, Bor22e, BP22, Bor22a, BB22b, Bor22f, Bor23a, BvLM23, BH23a, BH23b, BH23c, Bor23c, Bor23d, BK23].

German

[Bor24d, Bor24b, Bor24e, BH24a, Bor24a, Bor24f, BH24b, BF25a, BB25a, BB25b, BJ25b, BJ25a, BF25b, BF31, BJN25, BH25, Bor26b, BW26a, Bor26c, BHJ26, Bor26e, Bor26d, Bor26f, BB27, Bor27a, BO27, Bor27c, BF28, Bor28e, Bor28b, BEvL⁺28, Bor28c, Bor28d, Bor28f, Bor29b, Bor29a, Bor29c, Bor29d, BF30, BJ30, Bor30b, BR31, Bor31b, BW31a, Bor31d, Bor31c, BW31b, Bor31f, Bor32b, Bor32d, BM32, Bor32c, Bor32e, Bor32a, BGM33b, BGM33a, BB33, Bor33a, Bor33c, BF33, Bor39c, Bor43b, Bor48b, BS48, Bor51e, Bor51g, Bor52a, Bor53e, Bor53g, Bor54b, Bor55a, Bor55c, Bor55e, Bor55h, Bor55f, BH55, Bor55d, Bor56a, Bor56d, Bor57a, Bor57e, BKCK58, Bor58c, Bor58e, BL58, Bor58b, BB58, Bor58h, Bor59b, Bor59c, Bor59d, Bor59e, Bor60a, Bor60e, Bor61a, BHJ62, Bor62a, Bor63c, Bor63d, BL63b, Bor63j, BF63b, Bor63q, Bor63-49, Bor63g, BL63c, BF63c, Bor63e, Bor63f, BB63g, Bor63r].

German [Bor63-54, Bor63u, BH63b, Bor63-55, Bor63l, Bor63v, BH63a, BB63d, BB63c, BM63, BB63e, Bor63x, Bor63k, BL63a, Bor63z, Bor63y, Bor63-50, BW63b, Bor63-51, Bor63-52, BS63b, BW63a, BJ63b, Bor63-60, BP63a, Bor63-56, BJ63a, BHJ63, BL63d, BF63d, BO63, Bor63-37, Bor63-59, Bor63-36, BF63a, Bor63-61, Bor63-41, Bor63m, Bor63-43, BB63h, BvK63b, BB63i, Bor63s, Bor63-63, Bor63-62, BB63j, Bor63n, BvK63c, Bor63o, Bor63-53, BB63b, BvK63a, Bor63-57, Bor63-58, Bor63-64, Bor64a, Bor64b, Bor64e, Bor64f, Bor65b, Bor65d, Bor65j, Bor65i, Bor65k, Bor66c, Bor66f, Bor66e, Bor66g, BI67, Bor68c, BB69a, Bor69b, BI69, Bor69a, Bor69e, BB69b, Bor69c, Bor72, Bor75, Bor83, Bor01b, BEP03, Bus65, EB82, Fis10a, Fis12a, Gre06, GE08, Hab19, HH70, Hei25, Hei62, HKP⁺32a, HKP⁺32b, Inf55, Joh13, LBBH69, Lem82, Lem83, Lor10, Sch05, Sch07, vS21, Som05, Som15, Som33].

German [Som34, Sto98, Wei82]. **German-Speaking** [Krö98, AS96].

Germany [Joh13, Sch07, Som05, vW57]. **Gesammelte** [BDR84].

Geschichte [Inf55, Lin98]. **Gesetzes** [BC13b, BC13a]. **gestörter**

[BP22, BP63a]. **Gewissens** [BB69b, Lem82]. **Gift** [MP01].

Gitterpotentiale [Bor21c, Bor63-55]. **Gittertheoretische** [Bor39c].

Gittertheorie [BB19, BB20b, BB20c, BB25a, BB25b, Bor26c, BM32, BGM33b, BGM33a, BM63, BB63e, BL18c, Bor19c, BG21a, BL63c, Bor63s].

Gleason [De 16]. **Gleason-Type** [De 16]. **Goeppert** [Goe88]. **Goettingen**

[Som05]. **Goldschmidt** [Bor47b, Bor47f, Bor63-35]. **Good** [BB63a].

Göttingen [Bor09d, HMLM88,ENZ02a, Got83, K⁺83, Wei82, Bor09d].

Göttinger [Som05, Wei82]. **Gravitation** [Bor16a, Bor16a, RSS⁺07].

Gravity [Cas12, Val23]. **great** [Kae48]. **Green** [RS51]. **Greenspan** [Bey06, Cas05]. **Grenzbedingungen** [Bor06]. **Grenzgänger** [Sch05, Sch07]. **Grenzgebiet** [Bor31c]. **grids** [BvK13a, BvK63a]. **Grosse** [Hei72]. **Ground** [BP63b, BP42]. **Grundgleichungen** [Bor10b]. **Grundlagen** [KED⁺60, Bor20d, Bor22a, Bor19b, BB27]. **Guide** [Rod19]. **Gültigkeitsgrenze** [Bor51e]. **Gustav** [Bor14a, Bor63k, Bor14a, BBB50, Bor63k, Bor07]. **Guthrie** [Bor53c].

H [Bor18g, Bor37a, MPK⁺54, Bor18g, Pac10]. **H.** [Bor18c]. **Haber** [Sto98, SJ98, Cha05, HH70, Hol88, MVM10, MS69, Sto98, Tho22]. **Habilitation** [Bor09d]. **Habilitationsvortrag** [Bor09d]. **Hafner** [Mor54]. **half** [Bor50e]. **half-century** [Bor50e]. **Halide** [Bor63o, Bor32a]. **halides** [BK23, Bor32d]. **Hall** [Ber04]. **halogen** [Bor19a, Bor63i]. **Halogenatome** [Bor19a, Bor63i]. **Halogenwasserstoffe** [BK23]. **Hand** [Bor40c]. **Hand-** [Bor40c]. **Handbook** [FBD⁺22]. **Hans** [Ber15, Ber15]. **Happy** [Paw08]. **hardback** [Sho20]. **hardcover** [Ber04]. **harmonic** [BP42]. **Harmonie** [BP63b]. **Hartree** [Fow27]. **harvest** [Bra09]. **Hauptsatz** [Bor48b]. **Hayes** [Bor53b]. **Health** [KED⁺60]. **Heat** [BB42, BvK13b, Bor13a, Bor14c, Bor20l, BB21c, BB22a, BK23, BF25a, BB63g, BB63i, BvK63c, Hab19]. **heavenly** [vS21]. **Hedwig** [Bro72, For70, Kle70a, BB69a, BB05]. **Hedwing** [Alb71]. **Heidelberg** [Anoxx, Kle70c, Anoxx]. **Heinrich** [Bor46g, Bor63-34]. **Heisenberg** [Bor53b, Bro72, KED⁺60, Mar73, Sch05, Sch07, Bac22, BDR84, Bor49i, Cla23, Hei72, Sch05, Sch07]. **Heitler** [Bor46c]. **helium** [BH23a, BH63a]. **Heliumatom** [BH23a, BH63a]. **Hellinger** [Anoxx, Anoxx]. **Herkner** [Bor18c]. **Hermann** [Bor10b, Bor59b, Bor63v, Bor10b, Bor59b, Bor63v, Wei12]. **Herneck** [Hei72]. **Herrn** [Bor13d, Bor15a, BL19]. **hexagonal** [Bor42e]. **high** [BB21c, BB22a, Bor47g, BB63g, BB63i]. **higher** [HP82, HP02]. **Hilbert** [Som05, Bor22b, Bor63x, Som05]. **Hilfe** [BL18b, BL63b]. **Hintertreppe** [Fis10a, Fis12a]. **Historical** [GL23, Jam74b, Kon78]. **Histories** [Pei97]. **History** [Ano02, BN13, Bor54a, Bor02, FBD⁺22, WP85, HP02, Inf55]. **Hitler** [Hag08, MP01]. **hoffen** [Bor63-58]. **Hoffnung** [Bor66c]. **hohen** [BB21c, BB22a, BB63g, BB63i]. **Holl** [Lin98]. **homöopolaren** [Bor32e]. **homopolar** [Bor31a, Bor32e]. **Hon** [BS63a]. **Hope** [Bor64g, Bor63-58, Bor66c]. **Horace** [MPK⁺54]. **Hrsgg** [Krö98]. **Huang** [Lax55]. **Hull** [CZPS37]. **Hydratationswärme** [Bor20l]. **hydration** [Bor20l]. **Hydrogen** [BFL46, DM69, Bor22d, BK23]. **hyperpolarizabilities** [BS85]. **hypothesis** [Ali05, Bor13a].

Ice [Bor46e]. **ideal** [Bor51e]. **idealen** [Bor51e]. **ideas** [Lor10, BB63a]. **if** [Nik08]. **Ignited** [Bey06, Cas05, Gre05a]. **ihre** [Bor19b, Bor20d, BB21b, BB22a, Bor22a, Bor51e, BB63g, BB63h]. **ihren** [BS19, BS63b]. **ihrer** [Lem82]. **II** [Bor26c, BJ30, Bor36a, BS16, BB20c, BB22b, Bor26a, Bor26c, BHJ26, BJ30,

BI35, Bor35c, BN36b, Bor36e, BF40c, BB43b, BP44b, BC48d, BHJ63, BB63j, Bor65g, Bor65j, BHJ67, BGI90, Man19, Mis40]. **III** [BF40d, BF40e, Bor42b, BP46, BG47a, Bor65h]. **Illus** [Mor54, Kle70c]. **im** [Bor10e, BH23a, Bor31d, Bor57e, Bor58e, Bor59d, BH63a, Bor66e, Bor83, Lin58]. **Imperfect** [RS51]. **importance** [Bor28e]. **Impression** [Bor79]. **Impuls** [Bor14a, Bor63k]. **Impuls-Energie-Satz** [Bor14a, Bor63k]. **Inaugural** [Bor36c]. **Including** [De 16]. **index** [Bor18e, Bor63-50]. **Indian** [Sur99]. **inertial** [Bor09c, BL58, BL63d]. **Infeld** [BB99]. **Inference** [AG20]. **Infinitesimal** [Bor13b]. **Infinitesimalrechnung** [Bor13b]. **influence** [BS19, BH24a, Bor24a, BH63b, BS63b]. **infra** [Bor18f, Bor32a, Bor63o, Bor63-53]. **infra-red** [Bor18f, Bor32a, Bor63o, Bor63-53]. **inmediato** [Bor69d]. **Innovator** [Bak83]. **Instruments** [Bor32c]. **instrumental** [Bor32c]. **interaction** [BP46]. **interactions** [Pei71]. **Interference** [BW59, BW64b, BW65, BW69, BW75, BW⁺80, BW97, BW99, BWB19, Hec00, Wol66, Str64, Str60]. **interferometric** [BB21a]. **interferometrische** [BB21a]. **interplay** [AV24]. **Interpretation** [Bor53d, Bor55g, Kon78, Pai82, Wes80, Bac22, Bel90, Bor24e, Bor32d, Bor54c, BB55, Bor55d, Bor61a, Bor63e, Bor63m, dB53]. **Interpretations** [FBD⁺22, Jam74a, Jam74b]. **intimate** [Far79]. **Introduction** [Bro72, KED⁺60, Bor22c]. **Investigations** [Bor63-46, Bor43c]. **ion** [Bor20j, Bor20k]. **Ionen** [BH24a, BH63b, Bor20j, Bor20k, Bor20l, Bor63-49]. **Ionendeformation** [Bor24a]. **Ionenkristalle** [BM63]. **Ionenkrystalle** [BM32]. **Ionenladung** [Bor18e, Bor63-50]. **ionic** [Bor18e, BM32, BM63, Bor63-50]. **ions** [Bor20l, BH24a, Bor24a, Bor63-49, BH63b]. **Irene** [Bro72]. **ISBN** [Sho20]. **Ismen** [Bor60a]. **isms** [Bor60a]. **Isotopes** [MPK⁺54]. **isotroper** [Bor18b]. **Isotropic** [Bor35c, Bor18b, Bor36a]. **Italian** [Bor60b, Bor61b, Bor71, HSBA60]. **IV** [BM40, BG47b]. **Ivan** [Ber04]. **IX** [Bor44b, Bor42e, Bor63i, Bor63-32].

J [Ano52, Ber06, Bla58, Bor40d, Bor40h, Bor41b, BB63a, Bor63-40, Fow27, MPK⁺54, vS21, Ber04]. **J.-P** [Bla58]. **Jacob** [Bor62c]. **Jaffe** [Hei72]. **Jahrbuch** [Bor40c]. **Jahre** [BG61]. **Jahrhundertfeier** [Bor31d]. **Jahrhunderts** [KED⁺60]. **Jahrhunderts/Bellman** [KED⁺60]. **James** [Lem82, BW64a, K⁺83, Lem82, vLP52]. **Jan** [CZPS37]. **Jeremy** [Ber04]. **Jew** [Sto98]. **Jewish** [Hag08]. **Johannes** [Bor52b, Bor63b]. **Jones** [Bor37a]. **Jordan** [Sch05, Sch07, FP09, Sch05, Sch07]. **Joule** [Bor50f, Bor50g]. **Journalistic** [Lem83]. **Journey** [FR13]. **Jude** [Sto98]. **Julius** [Ber15, Ber15]. **jump** [BBK13]. **Jungk** [Hei72]. **Justified** [Bla67]. **justify** [Dre17].

Karl [Bor15a, Bor48a, Bor63-28]. **Katalog** [Lem83]. **Keil** [BG61]. **Kelvin** [Bor38f]. **Kernbewegung** [Bor51g, Bor63y]. **Kernzerfalls** [Bor29c, Bor29d, Bor63-62]. **killing** [HP82, HP02]. **kinematic** [Hei25]. **kinematics**

[Bor09a, Bor09e, Bor09f, Bor09b, Bor10c, Bor63f, Bor63n, Bor10e].

Kinematik

[Bor09a, Bor09e, Bor09f, Bor09b, Bor10c, Bor10e, Bor63f, Bor63n].

kinematischer [Hei25]. **Kinetic**

[BG47c, BG49, BGK50, BG63, Bor13e, BG46, BG47a, BG47b, BG48].

kinetischen [Bor13e]. **klassische** [Bor55f]. **klassischen** [Bor58h, Bor59e].

Klaus [Bon05]. **Klecksels** [Bus65]. **kleinsten** [Fis10a, Fis12a]. **Knickformel** [Bor09g]. **Kohäsionskräfte** [Bor19d, Bor19e]. **Koller** [CZPS37].

Kompressibilität [BL18c, BL63c]. **Kongress** [Bor28b]. **Konstanten**

[BH24a, BH63b, Bor24a]. **kontzientzia** [BB90]. **Kopplung** [Bor51g, Bor63y].

Körper

[BB21c, BB22a, BB63g, BB63i, Bor10a, Bor10d, Bor14b, Bor19d, Bor19e].

Körpereigenschaften [Bor27a]. **Körpern** [Bor10b, BL11]. **Körpers**

[Bor10c, Bor10e]. **Kräfte** [Bor31f, Bor24e, Bor29b, Bor63-60]. **kräftefreien**

[BL58, BL63d]. **Kristalldimensionen** [Bor18d]. **Kristalle**

[BL18c, BS19, Bor51e, BL63c, BS63b, Bor15e, Bor18a, Bor18f, Bor22e,

BGM33b, BGM33a, Bor59c, Bor63-52, Bor63-53]. **Kristalleigenschaften**

[BL18b, BL63b]. **Kristallen** [Bor15c, Bor18e, Bor51g, Bor63y, Bor63-50].

Kristallgestalt [BS19, BS63b]. **Kristallgitter** [BL19, BB22b, Bor23a,

BB63j, Bor15b, BL18a, Bor21d, BL63a, Bor63-63, Som15]. **Kritische**

[Bor20g, Bor20h, Bor20i, Bor63z]. **kubische** [Bor18h]. **Kun** [Lax55].

L [BL19, Bor48c, CZPS37, Hol88, MPK⁺54]. **Laboratory** [Sur99]. **Last**

[Bor51h]. **later** [Bor50d]. **Lattice** [Bor42c, BL43, Sur99, Bor14d, BL18c,

BL18a, BL19, BB19, Bor19c, BB20b, BB20c, Bor21c, BG21a, BB22b, BB25a,

BB25b, Bor26a, Bor26c, BM32, BGM33b, BGM33a, BT34, BF40e, Bor42e,

BB43b, BL63c, Bor63-55, BM63, BB63e, BL63a, Bor63-61, Bor63s, Bor39c].

Lattice-theoretical [Bor39c]. **Lattices**

[BH54, Bor63i, Bor63-31, Bor63-32, Bor63-47, BB63j, BK12, Bor15b, Bor21d,

Bor23a, Bor40e, BF40e, BM40, Bor42e, Bor43d, BB43b, Bor44b, BvK63b,

Bor63-63, Bor64d, BH88, Mis40, Som15, Lax55]. **Laue** [Bor59c]. **Laues**

[Bor59c]. **launched** [Cha05]. **laureate** [Bor78, Cha05, Bor75, Sto98, And81,

Far79, Han80, Hei79a, Sch79, Gow79, Hei79b]. **laureates**

[ABH⁺55, ABH⁺87]. **Law** [Bor48b, Bor49e, BC13b, BC13a, Bor07]. **Laws**

[Bor38f, Bor39b, BW63b, BW26b, BW26a, Bor39a]. **layers** [BB21a]. **leap**

[Fis10a, Fis12a]. **Leben** [Bor75, HH70]. **Leccia** [Mar73]. **Lecture**

[Bor36c, Bor38f, Bor47c, Bor53c, Bor09d, Bor50f, Bor50g, Lor10, BB55].

Lectures

[Bor33a, Bor40c, Bor49a, Som34, Bor26a, BJ30, Bor49i, BH25, Bor53b]. **Left**

[Bor64g, Bor63-58]. **Legendre** [Bow69, Che70]. **Lehrbuch**

[Bor33c, Bor40c, Bor43b, Bor53e, Bor65d, Bor72]. **Léon** [CS79a]. **Letter**

[BI33a, BI33b, BR57, Hab22, Tho22]. **Letters**

[BR95, Bor47a, Bor69b, Bro72, BB71a, BB71b, BB05, Ein91, Som05, Bre73].

Levinson [SG82]. **Levinson-modified** [SG82]. **L'expérience** [Bla58].

Library [Kle70c]. **Lichtes** [Bor17, Bor18g, BG21b]. **Lichtfortpflanzung** [Bor12a]. **Lichtquantum** [Bor55a]. **Lichtstrahls** [vS21]. **Lichttheorie** [Bor33c, Bor43b, Bor53e, Bor65d, Bor72]. **Life** [And81, Bey06, Bor68a, Bor75, Cas05, Far79, For68, Han80, Hei79a, Hei79b, Kle70b, Oes68, Sch79, Bor68d, Bor78, Gow79, Gre05a, HH70, Sig96]. **Light** [BW59, BW64b, BW65, BW69, BW75, BW⁺80, BW97, BW99, BWB19, GS47, Bor17, Bor18g, BG21b, Bor33c, BN36a, BN36b, Bor43b, Bor53e, Bor55a, Bor65d, Bor72, vS21, Bor12a, Hec00, Wol66, Str64, Str60]. **limiting** [Bor06]. **limits** [Bor51e]. **line** [Bor06, Bor63-43, vS21]. **linéaire** [Bor38e]. **Linear** [Ano10]. **linearization** [Bor36b]. **Linie** [Bor06, Bor63-43]. **link** [BK23]. **L'interprétation** [dB53, BB55]. **liquid** [Bor63-54]. **Liquids** [BG47c, BG47d, BG49, BGK50, BG63, Bor15d, Bor18b, BG46, BG47a, BG47b, Bor63-51]. **List** [Bor63-57]. **Literary** [BR95]. **Literatur** [Lin98]. **Localizable** [Bor50c]. **loft** [Som05]. **London** [Bro72, Bor31d]. **Long** [BFL46]. **Looks** [Bor50d]. **Lorentz** [Bor28a, Bor61c, Bor63a]. **lost** [GXB21]. **Ludwig** [Bor48a, Bor63-28]. **L'Unité** [CZPS37, CZPS37]. **L'universo** [Bor60b]. **Luxury** [BB69b, Lem82]. **Luxus** [BB69b, Lem82].

M [And81, Ano52, Bor47b, Bor47f, Bor63-35, Sho20, Som15, Som34, Som50]. **Machine** [Hei72]. **Macmillan** [Bro72]. **made** [Haw11]. **Magnetic** [BS50, Bor36d, Bor36e]. **main** [Bor55c]. **making** [Bel99]. **Maler** [Bus65]. **Man** [Bor57b, Bor63-27, Bro73a, Bor64a]. **Mandl** [KED⁺60]. **Manhattan** [HHW99]. **Manifesto** [Ano06]. **Manner** [Bor65i, Sch05]. **Maria** [Goe88]. **Marley** [KED⁺60]. **Mass** [Bor35d, BF40a, BF40b, Bor09c, Bor18a, BI33a]. **Masse** [Bor09c, Bor18a]. **Masses** [BR49, BGCR49]. **Master** [Cha05]. **materialism** [Fre01, FL10]. **Materie** [Bor20b, BF31, BB27, Bor33a, Som34, da 33, Bor13e, Bor19f]. **Mathematics** [Bor20f, RSS⁺07, Ber15, FF91]. **Mathematik** [Ber15, Bor20f]. **Mathématique** [Bor40c]. **Mathieu** [Bla58]. **Matière** [CZPS37, Bor52d]. **Matrix** [BHJ62, HR23, KED⁺60, BC80]. **Matrizenmechanik** [BHJ62]. **Matter** [BF31, Bor33a, Som34, Bor13e, Bor19f, Bor20b, Bor23b, BB27, Bor36d, Bor36e]. **Max** [A.53, Alb71, And81, Ano46, Ano56, Ano70, Ano02, ABdB⁺53, Ber50, Ber06, Bey06, Bla58, Bro72, Bro73b, Cas05, CS83, CZPS37, Cop61, Din50, Din23, Ein91, Far79, Fis10a, Fis12a, For68, For70, Fow27, Gow79, Han80, Hec00, Hei72, Hei79a, K⁺83, Kle70b, Kle70a, Kle70c, Kör59, Lax55, Lem83, Lin98, Lin58, Mar50, Mar73, McC49, Mil60, Mil49, Mor54, MPK⁺54, Nor71, Oes68, Pag63, Pry60, Rom65, Sch05, Sch07, Sch79, Seg64, Str64, Str60, Süs57, Wol66, da 33, Ali05, Ano63, Ano82, Anoxx, Ber05, BR95, Bor10b, BvL23, Bor48a, Bor48c, Bor57c, Bor59c, BvL63, Bor63-28, Bor63-57, Bor64c, Bor65f, Bor65g, Bor65h, Bor68b, BB71a, BB71b, Bor79, Bor02, BB05, CS79b, Coo02, Fis10a, Fis10b, Fis12a, Fis12b, Fre01, FL10, Giu13, Gre05a, Gre05b, Gre06]. **Max** [GE08, Hai12, Hei79b, HR23, Hei62, KS71, Kle70c, Lem82, Lem83, Mat78, Pai82, Paw08, Ros79, Sch05, Sch07, Wei12, Wil67, Wol83, Wol95].

Maxwell [Hei72, Bor18e, Bow69]. **Maxwellian** [Bor63-50]. **Maxwellsche** [Bor18e, Bor63-50]. **Meaning** [Bor50b, Bor28d, Bor29a]. **Measurement** [KED⁺60, Bor20e, Bor63r]. **Measurements** [De 16]. **Mécanique** [BH84, BH28, Bor31e, BB55, Bor59a, dB53]. **Mechanical** [BB63g, Bor19f, Bor21b, BB21b, BB22a, BP22, Bor63-54, BP63a, BB63h, BC80, Hei25]. **Mechanics** [Ano10, BH27, Bor27b, BF38, Bor40c, BP44c, Bor46i, Bor53d, Bor55g, Bor60c, BHJ62, Bor63j, BW63a, Bor63-37, Bor63-44, Bor67c, BHJ67, BH75, BJ77, Bor77, Fow27, GKG02, GL23, Jam74b, Man18, Man19, Pai82, SGM⁺12, vdW67, Bor24f, BJ25a, BH25, Bor26b, BHJ26, Bor26e, Bor26d, Bor26f, Bor27c, Bor28e, BH28, BJ30, Bor31b, BW31a, BW31b, Bor31e, BF33, Bor37c, Bor37d, BP44a, BP44b, BP46, BG47b, Bor48b, Bor48d, Bor55f, BB55, Bor55d, BL58, Bor58h, Bor59a, Bor59e, Bor61a, Bor63e, Bor63-56, BJ63a, BHJ63, BL63d, Bor63-59, Bor63-36, BF63a, Bor63m, Bor63-64, Bor67a, BJ67, BH84, BGĪ90, FP09, Gal01, GXB21, HR23, dB53, vdW07, Bor46c]. **Mechanik** [Bor55f, Bor58h, Bor59e]. **mechanischen** [Bor19f, Bor21b, BB21b, BB22a, BB63g, Bor63-54, BB63h]. **mechanischer** [BP22, BP63a, Hei25]. **Medaille** [BEvL⁺28]. **Medal** [BEvL⁺28]. **media** [Bor12a]. **Medien** [Bor12a]. **Mehlin** [KED⁺60]. **mehratomigen** [Bor32e]. **mehratomiger** [BH23c]. **mehrfach** [BH55]. **Mein** [Bor75, HH70]. **Meine** [Wei82]. **meiner** [Bor10a, Bor57e, Bor58e, Bor59d, Bor66e, Bor83, Lin58]. **mele** [Bor69f]. **Melting** [Bor39e, Bor40g, Bor63-48, Bor39c]. **Mem** [Bor47f]. **Membership** [Cla23]. **Memo** [BBD⁺46]. **Memoirs** [And81]. **Memorial** [Bor50f, Bor50g]. **memoriam** [BBB50]. **Memories** [Bor56a, Bor59b, Bor59c, Bor63u, Bor63v, Bor65b, BI67, Bor68c, BI69, Bor69a]. **men** [Sch05]. **Mensch** [Bor64a]. **Meson** [Bor44e, Bor47e, BR49, Bor47d]. **Message** [Bor64c]. **Messung** [Bor20e, Bor63r]. **mesure** [Bor59a]. **Metals** [Bor37a]. **metaphysics** [Bor50f, Bor50g]. **method** [Bor14c, Bor18e, BB21a, Bor63-50]. **Methode** [Bor14c, Bor18e, BB21a, Bor63-50]. **Methods** [BS50, Bor63-47, Bor43d]. **Mie** [Bor14a, Bor63k, Bor07, SG82]. **migration** [AS96]. **mind** [Cha05]. **Minimum** [Bor39b, Bor39a]. **Minkowski** [Bor10b, Bor59b, Bor63v, Bor10b, Bor59b, Bor63v, Wei12]. **mis** [HR23]. **mis-prized** [HR23]. **Missing** [Joh13]. **Mitchell** [Krö98]. **Mitteilung** [Bor15a]. **mobility** [Bor20j, Bor20k, Bor63-49]. **Mobilization** [Joh13]. **Model** [Khr09, Bor09d, BL18a, BL19, Bor22d, BH23b, BL63a]. **Modell** [Bor22d]. **Modellen** [BH23b]. **Models** [BL63b, Joh13, BL18b, Bor18h]. **Modern** [Bor54a, CZPS37, AV24, Bor20b, Bor36c, Bor37b, Bra09, Fre01, FL10, HSBA60, HBSA61, Bor33a, Som33]. **moderna** [HSBA60]. **moderne** [Bor20b, Bor33a, Som33, da 33]. **Modernizing** [Joh13]. **Modified** [Bor33b, SG82]. **Molecular** [BG63, Joh13, BF25b, BG46, BF63d, BBK13]. **molecule** [Bor22d]. **Molecules** [Bor36a, Bor17, Bor21b, BH23b, BH23c, BH24b, BJN25, BO27, Bor31a, Bor32e, Bor51g, Bor63-54, Bor63y, BO63, BO98, Bor35c]. **Molekelbildung** [BF25b, BF63d]. **Molekeln**

[Bor51g, Bor63y, Bor17, BH23b, BH23c, BH24b, BO27, BO63].
Molekularströmung [BBK13]. **Molekülen** [BJN25, Bor32e]. **moment**
 [BK23, Bor36d, Bor36e]. **Momentum** [Bor07]. **Monde** [CZPS37].
Monographs [BF31]. **Moon** [Bor66d]. **Morgan** [KED⁺60]. **Moseley**
 [Hei72]. **most** [AV24, Haw11]. **Motion** [Ily16, Bor51g, Bor63y, vS21]. **Motiv**
 [Bor55c]. **Mott** [Bor37a]. **Movement** [Gre05b]. **movimento** [Bor60b].
Moving [Bor10a, Bor10d, Wei72, Wei85, Bor10b, Bor12a, Bor13d, Bor14b].
Mr. [Bor13d, Bor15a, BL19]. **MSS** [Goe88]. **multi** [BH55]. **multi-periodic**
 [BH55]. **multiply** [BH56]. **multiply-periodic** [BH56]. **Munich** [Kle70a].
Mutually [SGM⁺12]. **My**
 [Bor56c, Bor57e, Bor58e, Bor59d, Bor66e, Bor68a, Bor68d, Bor69f, Bor69g,
 Bor70a, Bor70b, Bor78, Bor83, For68, Hei72, Kle70b, Kle70c, Nor71, Oes68,
 Pry60, Bor10a, Bor50d, Bor64d, Süs57, Bor57d, Bor75, HH70, Wei82, And81,
 Far79, For68, Gow79, Han80, Hei79a, Hei79b, Kle70b, Oes68, Sch79].
mysterious [Bor35b]. **Mystery** [FR13].

N [Bor18g, Bor37a]. **Nachlass** [Bor10b, Lem83]. **Nachweis**
 [Bor21b, Bor63-54]. **nähe** [vS21]. **Nancy** [Cas05, Bey06]. **narrative** [Com56].
National [GR63, RW94]. **Natur** [Bor19d, Bor19e, Bor21a]. **Natural**
 [ABdB⁺53, Bor36c, Bor39b, Bor49f, Bor63o, BvK13a, Bor14c, Bor15d,
 Bor18b, Bor18f, Bor22e, Bor32a, Bor39a, Bor63-51, Bor63-53, BvK63a,
 Som50, Ber50, Din50, Mar50, McC49, Mil49]. **naturalist** [Bor57a]. **Nature**
 [Bor38f, Bor19d, Bor19e, Bor21a, Bor55e]. **Naturforscher** [Hei72].
Naturforschers [Bor57a]. **natürliche** [Bor22e, Bor15d, Bor63-51].
natürlichen [Bor18b]. **Naturwissenschaft** [KED⁺60].
Naturwissenschaft/Heisenberg [KED⁺60]. **Naturwissenschaften**
 [Bor65i]. **Naturwissenschaftlers** [Bor65k]. **naturwissenschaftliche**
 [Bor65i]. **Nazi** [Joh13, MP01]. **Nazis** [Cou13]. **near** [Bor69d]. **necessity**
 [BKCK58]. **Needs** [Bla67]. **Nernst** [Som05, Som05]. **neue**
 [BW26a, BW63b, Lor10]. **Neumann** [Bac22]. **neutral** [Bor20e, Bor63r].
neutraler [Bor20e, Bor63r]. **neutrino** [BN36a, BN36b, Bor37d]. **neutron**
 [Bor37d]. **nicht** [Bor65i]. **nichtperiodische** [BW26a, BW63b]. **Ninth**
 [Bor38f]. **No** [Enz02b]. **Nobel**
 [And81, Bey06, Cas05, Far79, Gow79, Han80, Hei79a, Hei79b, Sch79,
 ABH⁺55, ABH⁺87, BB55, Bor75, Bor78, Cha05, Gre05a, Sto98].
nobelization [HR23]. **Nobelpreisträger** [ABH⁺55, ABH⁺87, Sto98].
Nobelpreisträgers [Bor75]. **noch** [Bor63-58]. **Non**
 [Bor50c, BW63b, Bor38e]. **non-linéaire** [Bor38e]. **Non-Localizable**
 [Bor50c]. **Non-Periodic** [BW63b]. **Nonlinear** [BB99, Bor38e]. **nostro**
 [Bor61b]. **Note** [Ano67, Dem03, Bor32b, BT34, Bor63q]. **Notwendigkeit**
 [BKCK58]. **nouveau** [Bor52d]. **nouvelle** [BI34e]. **Nuclear**
 [BBF⁺57a, Bor47e, BY50, Bor53b, ABH⁺55, ABH⁺87, Bor29c, Bor29d,
 Bor47d, Bor51g, Bor55e, BKCK58, Bor63y, Bor63-62, Kae48, Koz91]. **nuclei**
 [Bor38a]. **nucleon** [AV24]. **Nucleus** [FR13]. **Number**

[Bor63-38, Bor35b, Bor39d]. **Numbering** [Hei72]. **Nymphenburger** [Kle70a].

O [Bor18g]. **O.M** [Bor40d, Bor40h, Bor63-40]. **Oberflächenenergie** [BS19, BS63b]. **Obituaries** [Bor42d]. **Obituary** [Ano70, Bor40a, Bor40d, Bor46g, Bor47b]. **objectivity** [Bor66f]. **Objektivität** [Bor66f]. **occurring** [BB43b]. **Old** [Lor10]. **Once** [Ano67]. **ondulatoire** [dB53]. **One** [Lap69]. **One-Dimensional** [Lap69]. **Operations** [BW63b]. **Operator** [GXB21]. **Oppenheimer** [Ber04, Ber04, BS85, Bow08, DM69, GDR04, Pac10, PST07, Ber04]. **Optical** [Bor35c, Bor15d, Bor15e, Bor18b, Bor22e, BH24a, Bor24a, Bor32c, Bor36a, BH63b, Bor63-51, Bor63-52, Str64]. **OPTICS** [CS83, BW59, BW64b, BW65, BW69, BW75, BW+80, BW97, BW99, BWB19, Hec00, KED+60, Str64, Str60, Wol66, Bor33c, Bor43b, Bor53e, Bor65d, Bor72, Cop61, Mil60, Sho20]. **Optics/Mandl** [KED+60]. **Optik** [Bor33c, Bor43b, Bor53e, Bor65d, Bor72]. **optische** [Bor15d, Bor15e, Bor22e, BH24a, BH63b, Bor63-51, Bor63-52]. **optischen** [Bor18b, Bor32c]. **orbits** [BH63a]. **order** [Bor49h]. **oscillations** [Bor14c]. **Oscillators** [Bor35c, Bor36a]. **Otto** [Bor40a, Bor63-33, Bor81, Bor40f]. **Our** [Bor61b, BL19, BB22a, Bor62a, BB63g, Lor10]. **Oxford** [FBD+22].

P [Bla58, HKP+32a, HKP+32b]. **Pacifist** [Sal19]. **painter** [Bus65]. **Paper** [Kle70c, BI34c, Bor44b, FP09, Fre01]. **Papers** [BDR84, CS79a, Goe88, Mor54, MPK+54, ABdB+53, BB22a, BB63g, Haw11]. **paradox** [Bor58c, BB58, BB63b]. **Paradoxes** [Joh13]. **Part** [Bor63-38]. **particle** [Bor36d, Bor36e, BL58, BL63d]. **Particles** [Bor49g, Khr09, Bor49c, Bor65e, Fis10a, Fis12a]. **Particular** [BB63f, BB47b, Bor49h]. **partir** [BI34d]. **Partisans** [Sal19]. **Partly** [BB63a]. **Partly-Baked** [BB63a]. **Pascual** [Sch05, Sch07, Sch05]. **passes** [vS21]. **Passion** [Jon08]. **past** [HH70]. **path** [Bor20e, Bor46f, Bor63r]. **Pauli** [Bor47d, Enz02b]. **Peace** [Gre05b, Sal19, Bor47c]. **Peaceful** [Sal19]. **Pedagogy** [BN13]. **period** [AV24, Bon05]. **Periodic** [Bor46j, BW63b, BW26b, BW26a, Bor46b, BH55, BH56]. **periodische** [BW26a, BW63b]. **periodischer** [BH55]. **personal** [Com56]. **Perspective** [Jam74b]. **perturbation** [Bor23c, Bor23d]. **peut** [Bor59a]. **peut-elle** [Bor59a]. **Phase** [Cas12, BH23b]. **Phase-Spaces** [Cas12]. **Phasenbeziehungen** [BH23b]. **phenomena** [BW26b]. **Philosopher** [Sch49a, Sch49b]. **Philosopher-Scientist** [Sch49a, Sch49b]. **Philosophic** [Bor53b]. **philosophical** [Bor36c, Bor37b]. **Philosophie** [Bor65i, KED+60]. **Philosophie/Frisch** [KED+60]. **philosophieren** [Bor65i]. **Philosophize** [Bor65i]. **Philosophy** [ABdB+53, Ber50, Bor36c, Bor49f, Bor65i, Din50, Jam74b, Mar50, McC49, Mil49, Som50, Fre01]. **Photo** [BFP45, BFP63]. **Photo-Electric** [BFP45]. **Photochemical** [BS50]. **Photoelectric** [Ano46]. **Photon** [Bor44e]. **Phys** [Ber06]. **Physical** [Bor19b, Bor27b, Bor53c, Bor53f,

GL23, Bor20d, Bor21a, Bor22a, Bor27a, Bor28d, Bor29a]. **Physicist**
 [And81, Bey06, Bor50d, Bor65f, Bor65g, Cas05, Bor68c, Gre05a]. **Physicists**
 [BBF⁺57a, Sal19, Lem82, Bor28b]. **Physics**
 [BN13, Bor12b, Bor33a, Bor39b, Bor45c, Bor50e, Bor50f, Bor50g, Bor51h,
 Bor56c, Bor58a, Bor60d, Bor62d, Bor62e, Bor65c, BBSR69, Bor69e, Bor69g,
 Bor70a, Bor70b, BRB71, Bre70, CZPS37, De 16, HMLM88, KED⁺60,
 MPK⁺54, RSS⁺07, Sig96, Ber15, Bon05, Bor20c, Bor22b, Bor22c, Bor31c,
 Bor35a, Bor36c, Bor37b, Bor39a, Bor40b, Bor42h, Bor43a, Bor44c, Bor46a,
 Bor49i, Bor51c, Bor51f, Bor53c, Bor54b, Bor56b, Bor58b, Bor62a, Bor63x,
 Bor71, BB05, Bra09, Con62, FF91, Haw11, HSBA60, HBSA61, Kae48, Koz91,
 Lor10, Meh75, Str11, WP85, Wei72, Wei85, Bor56d, Bor57e, Bor58e, Bor59d,
 Bor60a, Bor60e, Bor61b, Bor66e, Bor69f, Bor83, Sch07, Ano56, CZPS37,
 Kör59, Som33, Hei72, Kle70c, Nor71, Pag63, Pry60, Süs57, Fre01, FL10].
Physics/Churchman [KED⁺60]. **Physik**
 [Ber15, Bor31c, Bor33a, Bor40c, Bor60a, Bor62a, KED⁺60, Lor10, da 33,
 Bor12b, Bor20c, Bor22b, Bor40c, Bor54b, Bor56d, Bor57e, Bor58e, Bor58b,
 Bor59d, Bor60e, Bor63x, Bor66e, Bor69e, Bor83, Sch07, Som33, Lin58].
physikalische [Bor21a, Bor24a]. **physikalischen**
 [Bor19b, Bor20d, Bor22a, Bor28d, Bor29a]. **Physiker**
 [Lem82, Lin98, Bor28b, Lor15]. **Physikers** [Bor68c]. **Physique**
 [CZPS37, Bla58]. **Pi** [Ber04]. **Pierre** [Mar73]. **Pieter** [BS45, BS63a]. **pilot**
 [Dre17]. **Planck** [Bor63-28, Fis10a, Fis12a, Som05, BEvL⁺28, Bor48a,
 Bor48c, Bor57c, Fis10a, Fis12a, Som05]. **Planck-Medaille** [BEvL⁺28].
plane [Bor06, Bor15c, Bor63-43]. **Plastic** [MPK⁺54]. **poem** [Bor62f]. **Pohl**
 [HMLM88]. **point** [BvK13a, Bor52d, BvK63a]. **poisonous** [Hab86, Hol88].
polar [BT34]. **Polarisationsebene** [Bor15c]. **polarization** [Bor15c].
political [Sch05, Sch07]. **Politics**
 [Bor60d, Bor60e, Bor62d, Bor62e, BB05, Fre01, Sch07, Pag63]. **Politik**
 [Sch07, Bor60e]. **politische** [Sch05, Sch07]. **polyatomic**
 [BH23c, Bor31a, Bor32e]. **Portrait** [Ber04, Pai00]. **Portuguese**
 [Bor65c, BRB71]. **Potential** [DL08, Lap69, Pac10]. **potentials**
 [Bor21c, Bor63-55]. **power** [Bor18b]. **Pp**
 [Bro72, Kle70b, Kle70a, Kle70c, Mor54, Sho20]. **predict** [Bor59a].
Predictability [Bor58h, Bor59e]. **prédire** [Bor59a]. **Prentice** [Ber04].
Presented [Mor54, MPK⁺54, ABdB⁺53]. **Press** [Ber04, Krö98, Sho20].
Press/Prentice [Ber04]. **principe** [Bor49e]. **Principes** [BI34e]. **Principle**
 [Bor63j, Bor26b, Bor48d, Bor49c, Bor09a, Bor09e, Bor09f, Bor09c, Bor09b,
 Bor10c, Bor10e, Bor13d, BR49, Bor63f, Bor63n]. **Principles**
 [Bor39b, BW59, BW64b, BW65, BW69, BW75, BW⁺80, BW97, BW99,
 BWB19, KED⁺60, BO07, Bor39a, Bor12b, BI34e, Cop61, Hec00, Mil60,
 MPK⁺54, Sho20, Str64, Str60, Wol66]. **Pringle** [Ano46]. **Prinzipien**
 [Bor12b]. **prinzips** [Bor10c]. **prized** [HR23]. **Probabilistic** [Kon78, Bel90].
Problem [BF30, BF63c, Bor24b, Bor62a, Bor24b]. **Problematik** [Bor62a].
Probleme [Bor26c]. **problèmes** [Bor31e]. **Problems**

[Bor26a, Bor53b, Bor70c, Bor31e, Bor26c]. **Processes**
 [Bor77, Bor10b, BJ25b, BW26a, Bor26e, Bor26d, Bor26f, Bor28e, Bor39c, BJ63b, Bor63-59, Bor63-36, Bor63-64]. **Produktion** [Lin98]. **Prof.**
 [Bor40a, Bor47b, Bor63-33]. **Professor**
 [Bor36c, Ano70, Bor46g, Bor47f, Bor63-34, Bor63-35, Bor81]. **Prof.** [Ano52].
Program [Ure67]. **progress** [Bor44c]. **Project** [HHW99]. **Projective**
 [De 16]. **Prolog** [Bor67b]. **Promise** [RSS⁺07]. **Proof**
 [Man18, Man19, Bor63-54, BF28, BF63b]. **Propagation**
 [Bor46j, BW59, BW64b, BW65, BW69, BW75, BW⁺80, BW97, BW99, BWB19, Hec00, Wol66, Bor12a, Bor46b, Str64, Str60]. **Properties**
 [Bor37a, BL63b, BL18b, Bor27a, BG47a]. **prospects** [Bor53c]. **Protest**
 [Lor15]. **Proton** [Bor35d]. **publizistische** [Lem83]. **Pulse** [Bor63k, Bor14a].
Pulse-Energy [Bor63k, Bor14a]. **Punktgittern** [BvK13a, BvK63a]. **pure**
 [BP44b, BP44a]. **purely** [BF40e]. **Purpose** [Bor39b, Bor39a]. **Putnam**
 [MPK⁺54]. **Pyroelectricity** [Bor45b, Bor63-29, Bor22f]. **Pyroelektrizität**
 [Bor22f].

Quanta [BH84, BH28, Bor49e]. **Quantelung**
 [BB22a, BP22, BP63a, BB21b, BB63h]. **Quantelung**” [BB63g].
Quantenelektrodynamik [BR31]. **Quantengesetze** [BW26a, BW63b].
Quantenhypothese [Bor13a]. **Quantenmechanik** [BHJ26, Bor26e, BJ30, BF33, Bor48b, BL58, BHJ63, BL63d, Bor63-59, BF63a, Bor24f, BJ25a, Bor26b, Bor26d, Bor27c, Bor28e, Bor31b, BW31a, BW31b, Bor55d, Bor61a, Bor63j, Bor63e, BW63a, Bor63-56, BJ63a, Bor63-37, Bor63-36, Bor63m].
Quantensprung [Fis10a, Fis12a]. **quantentheoretische** [Hei25].
Quantentheorie [BH23c, BH24b, BJ25b, BO27, Bor29b, Bor30b, BJ63b, Bor63-60, BO63, Bor23c, Bor23d, BF25b, BF63d, LBBH69]. **Quantenwelt**
 [GE08, Gre06]. **quantique** [Bor31e, BI34d, BI34e, BB55]. **Quantisation**
 [BI63b, BI34b]. **Quantised** [Bor35d]. **Quantization**
 [BB63g, BB21b, BB22a, BP22, BW26b, BI35, BP63a, BB63h]. **Quantum**
 [Ano10, BN13, Bel99, Bey06, Bor27b, Bor34c, Bor34b, Bor35e, Bor38b, Bor40c, BLS42, Bor42g, BP44a, BP44b, Bor45b, BP46, BG47d, BGCR49, Bor53d, Bor55g, Bor63j, BW63b, Bor63-36, Bor63-30, Bor63-29, Bor63-45, Bor67c, BHJ67, BH75, BJ77, Bor77, BGI90, Cas05, De 16, FBD⁺22, GGK02, GL23, Ily16, Jam74b, Joh13, Jon08, Khr09, KED⁺60, Man18, Man19, Pai82, SGM⁺12, Val23, vdW67, Ber05, Ber06, Bor13a, BH23c, Bor24f, BH24b, BJ25b, BJ25a, Bor26b, BW26a, BHJ26, Bor26e, BO27, Bor28e, Bor29b, BJ30, Bor30b, Bor30a, BR31, Bor31b, Bor31e, BF33, BI34d, Bor38d, Bor48d, Bor49d, Bor49e, Bor55a, BB55, Bor55d, BL58, Bor61a, Bor63e, BJ63b, Bor63-60, Bor63-56, BJ63a, BHJ63, BL63d, BO63, Bor63-59, BF63a, Bor63m, BJ67, BB68, BO98, BC80, Con62, FP09, Fis10a, Fis12a, Gal01, GXB21, Gre05a, Gre06, GE08, Haw11].
quantum [Hei25, LBBH69, Str11, vdW07, BV09, Bor23c, Bor23d, BF25b, Bor26d, Bor27c, BW31a, BW31b, BG47b, Bor48b, BW63a, BF63d, Bor63-37].
quantum-mechanical [BC80]. **quantume** [BI34e]. **Qubits** [De 16]. **quelle**

[Bor59a]. **Quelques** [Bor31e]. **quest** [Com56]. **question** [Bor55h].
questions [Lor10].

R [Ano46, Ber04, Bor47f, CZPS37, Fow27, HKP+32a, HKP+32b, MPK+54].
race [Bor66d]. **Radiation**
[Bor33a, Bor13a, BB33, BF39a, BF39b, BB63c, Som34]. **Radioactive**
[MPK+54]. **Radium** [Kae48]. **radius** [Bor32b, Bor33b, Bor63q]. **Raman**
[BB63f, BB42, Bor28f, BB45, Bor46h, Bor47g, BB47b, Bor49h, Sur99].
Raman-Effect [BB63f]. **Ramaneffektes** [Bor28f]. **Random** [Khr09].
Ranging [Ano02, Bor02]. **Raum** [Bor06, Bor13c, Bor63-43]. **Raumfahrern**
[Bor58c]. **Raumgittern** [BK12, BvK63b]. **Raumgittertheorie**
[Bor14d, Bor63-61]. **Rausch** [Bor46g, Bor63-34]. **Ray**
[Bor42c, Bor42c, BLS42, Bor42g, Bor43c, vS21]. **Rays**
[BB43a, Bor34a, Bor41a, BB47a, Bor21a, BS41, Bor42b, BL42, Bor59c].
reaction [AV24, BF25a]. **reactions** [AV24]. **Read** [MPK+54]. **Reader**
[Bor58f]. **Reaktionswärme** [BF25a]. **Realitätsbegriff** [Bor58b]. **Reality**
[Bor53f, Bor58a, Bor63h, Bor64e, Bor64f, Bor65j, Bor65i, Bor55b, Bor58b,
Bor66a, Bro73b]. **really** [Bor55f]. **realm** [Kae48]. **reason** [Bor55c, Bor66c].
récentes [Bor24c]. **Recherches** [Bor24c]. **Reciprocal** [Cas12, BF40d].
Reciprocity [Bor39d, BF40d, BF40c, BCG49, Bor49g, Bor50c, Bor63-38,
Bor65e, DL08, Bor38a, Bor38c, Bor48d, Bor49c, BR49]. **Recollections**
[And81, Bor65f, Bor65g, Bor65h, Far79, Gow79, Han80, Hei79a, Hei79b,
Sch79, Wol83, Wol95, Bor53a, Bor78, Bor75]. **reconsidering** [BV09]. **red**
[Bor18f, Bor32a, Bor53g, Bor54c, Bor63o, Bor63-53]. **Reflections**
[Wil67, Bor57a, HH70, Bor65h, Hab19]. **Reflexion** [Bor41a]. **reflexions**
[BLS42, Bor42g]. **refractive** [Bor18e, Bor63-50]. **Regime** [MP01]. **region**
[Bor31c]. **regions** [dB53, dB53]. **regular** [BL18c, BL63c]. **regulärer**
[BL18c, BL63c]. **reinterpretation** [Hei25]. **Relation**
[Bor40g, Bor63-46, Bor43c]. **Relations** [Bow69, BH23b, Hei25]. **relationship**
[BL11, Bor18e, Bor63-50]. **relatividad** [Bor22c]. **Relativistic** [Bor48d].
Relativitätstheorie [Bor64b, Bor69c]. **Relativität** [Bor16a, Bor56d].
Relativitäts [Bor10c]. **Relativitäts-prinzips** [Bor10c].
Relativitätsprinzip [Bor13d, Bor09c]. **Relativitätsprinzip**
[Bor09a, Bor09e, Bor09f, Bor09b, Bor10e, Bor63f, Bor63n].
Relativitätstheorie [Bor13d, Bor19b, Bor20d, Bor22a, Bor01b, BEP03,
Din23, Rom65, Bor11, Inf55]. **Relativity**
[Bor19b, BB24, Bor63-45, Wei12, Bor38d, Bor65a, Bor09a, Bor09e, Bor09f,
Bor09c, Bor09b, Bor10c, Bor10e, Bor11, Bor13d, Bor16a, Bor20d, Bor22a,
Bor22c, Bor38b, BF40a, BF40b, Bor50a, Bor50b, Bor56d, Bor62b, Bor63f,
Bor63-42, Bor63n, Bor64b, Bor69c, Bor01b, BEP03, Inf55, RSS+07].
Remarks [BI34c, Lan83, BL19, Bor38c, Bor53g, BF25a, Bor61a].
Reminiscences [Bor64d, Far79]. **reply** [Bor13d, Bor55c]. **Reponse** [Bor15a].
Representation [Bor63z, Khr09, Bor20g, Bor20h, Bor20i]. **Republic**
[Sch07, Sch05]. **Research** [BN13, Bla67, Bor24c]. **residual** [BB33, BB63c].

resolution [Bor47g]. **Response** [BL19]. **responsibility** [Bor65k]. **rest** [Bor36d, BGCR49]. **rest-moment** [Bor36d]. **Restless** [A.53, Bor35f, Bor51i, Bor60b]. **restraints** [Bro68, Bro06]. **Reststrahlen** [BB33, BB63c]. **rethinking** [BKCK58]. **retirement** [ABdB⁺53]. **Reversal** [Ily16]. **Review** [A.53, Alb71, Ano46, Ber50, Ber04, Bey06, Bla58, BDR84, Bor37a, Bor40b, Bor44a, Bor46b, Bor47d, Bor49i, Bor50b, Bor50d, Bor51d, Bor53b, Bor54a, Bre73, Bro72, Cas05, Cop61, Din50, Din23, Far79, For68, For70, Fow27, Gow79, Han80, Hec00, Hei72, Hei79a, Hei79b, Hol88, Kle70b, Kle70a, Kle70c, Kör59, Lax55, Lin98, Lin58, Mar50, Mar73, McC49, Mil60, Mil49, Mor54, MPK⁺54, Nor71, Oes68, Pag63, Pry60, Rom65, Sch79, Seg64, Sho20, Str64, Str60, Süs57, Wol66, da 33, Bor50e, BvLM23, Som15, Som33, Som34]. **Reviews** [And81, Bor40c, Bor46c, Bor68a, CZPS37, HKP⁺32a, HKP⁺32b]. **Revolution** [Kae48, Bel99, Gre05a, Bey06, Cas05]. **Rezensien** [Som33]. **Rezensionen** [Krö98]. **Richard** [MPK⁺54]. **rigid** [Bor09a, Bor09b, Bor10c, Bor10e, Bor26a, Bor63f, Bor63n]. **rise** [Cha05, Hag08]. **Robert** [Ber04, Hei72]. **Rock** [Bor46h, BB63f, BB45, Bor47g, BB47b]. **Rock-Salt** [BB63f, Bor46h, Bor47g]. **Romanian** [Bor69f]. **Röntgenstrahlen** [Bor59c, Bor21a]. **Roots** [Kon78]. **Rosenfeld** [CS79a]. **rotation** [Bor15c]. **rotatory** [Bor18b]. **Rotverschiebung** [Bor53g]. **Royal** [Cla23]. **Ruhm** [BHvL21]. **Rule** [AG20, De 16, Ily16, Khr09, Man18, Man19, SF05, SGM⁺12, Val23, Bla08, Dre17]. **Russell** [Bro72, Mar73, Ano06]. **Russian** [Bor28b]. **russischen** [Bor28b]. **Rutherford** [Dem03]. **rutile** [BB25b]. **Rutils** [BB25b].

s [Sal19]. **S.** [Bor47f]. **Salt** [BB63f, BB45, Bor46h, Bor47g, BB47b]. **Satz** [Bor14a, Bor63k]. **Sauter** [Som33, Som34]. **Scalar** [BF40c]. **Scattering** [BB43a, Bor42f, Bor63-46, GS47, Lap69, BB47a, Bor17, Bor18g, BG21b, BS41, Bor42b, Bor42c, BL42, Bor43c, Hol07]. **Schichten** [BB21a]. **Schmelzprozesses** [Bor39c]. **Scholars** [Krö98, AS96]. **school** [Bor28c, Bor63-41]. **Schriften** [Bor63-57]. **Schrödinger** [BG61, Bor44a, Bor46c, Bor51d, Bor63w, Cla23, Sig96]. **Schrödinger/Wilhelm** [BG61]. **Schule** [Bor28c, Bor63-41]. **Schwefelatoms** [BB20a, BB63d]. **Schwingungen** [BK12, BB21b, BB22a, BB63g, BB63h, BvK63b]. **Science** [Ano01, Bey06, Bla67, BB46, Bor53b, Bor58d, Bor65i, Cas05, Fre01, GGK02, Jon08, Kle70c, Pai00, RW94, Bor57d, Gre05a, BB71c, BB84, BB90]. **Sciences** [Str64]. **Scientific** [BDR84, BR95, Bor65i, Krö98, Lem83, Rod19, AS96, Bor63-57, Enz02b, Hag08, Haw11, ABdB⁺53, Mor54, MPK⁺54]. **Scientist** [BB63a, Sch49a, Sch49b]. **Scientists** [GR63, Krö98, MP01, AS96, BBF⁺57b, Bor65k, Cou13, Str11, GR63]. **Scotland** [CS83]. **Scribner** [Kle70b]. **Second** [Hol07, Kle70c, Bor49h, Bor49e, HKP⁺32a, HKP⁺32b, Bor48b, Bor49e]. **second-order** [Bor49h]. **secret** [HP82, HP02]. **sections** [Koz91]. **Seeking**

[Pal00]. **Segen** [Bor66g]. **sein** [Lin98]. **seinem** [Anoxx]. **seiner** [vS21]. **seines** [Bor59b, Bor63v]. **Selected** [CS79a, Bor63c, Bor63d]. **Semester** [Anoxx]. **Semiclassical** [Jam74a]. **separate** [Car89]. **September** [CS83]. **Series** [Lap69, BDR84]. **Seven** [Bor33a, Som34]. **Seventieth** [Ano52]. **shape** [BS19, BS63b]. **Shea** [MPK⁺54]. **Shell** [BY50]. **shift** [Bor53g, Bor54c]. **shook** [Haw11]. **Should** [vW57]. **Sieben** [Bor33a, da 33, Som34]. **Silent** [Bor52a]. **Simon** [Bor58g, Bor63-39]. **since** [Meh75]. **singular** [dB53]. **singulières** [dB53]. **Sinn** [Bor28d, Bor29a]. **Sir** [Mor54, Bor40d, Bor40h, Bor41b, Bor58g, Bor63-39, Bor63-40]. **Situation** [Bor54b, Bor53c]. **Sixty** [FR13]. **smallest** [Fis10a, Fis12a]. **Socialism** [RW94]. **Society** [GGK02, AV24, Bor53c, Cla23]. **Soldner** [BHvL21]. **solid** [Bor23a, Bor26c, BB27, Bor44c, BB63g]. **Solids** [SK66, Bor19d, Bor19e, BB21c, BB22a, BB63i]. **Söllner** [Krö98]. **Solvay** [BV09, Meh75]. **Some** [Bor36c, Bor37b, Bor38c, Bor42e, Bor31e].

Sommerfeld [Bor63b, Som05, Bor28c, Bor51a, Bor51b, Bor52b, Bor63-41, Som05].

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Bor14d, Bor15a, BL18c, Bor18b, BB19, Bor19c, Bor20b, BB20b, BB20c, BG21a, Bor23a, BH23c, Bor23c, Bor23d, Bor24d, BH24b, Bor24c, BB25a, BB25b, BJ25b, BF25b, BJN25, Bor26a, Bor26c, BO27, Bor28f, Bor29b, Bor29c, Bor29d, Bor30b, Bor30a, Bor31a, BM32, Bor32e]. **theory** [BGM33b, BGM33a, Bor33c, BI34a, BI34c, BI35, Bor36a, BN36a, BN36b, Bor36d, Bor36e, Bor38d, Bor38e, BLS42, Bor42g, Bor42e, Bor43a, Bor43b, BG46, Bor47d, BG47a, BG47b, BB47b, BC48a, BS48, BC48b, BGCR49, Bor49e, Bor51e, Bor53e, Bor56b, Bor63g, BL63c, BM63, BB63e, BJ63b, Bor63-60, BF63d, BO63, Bor63-61, Bor63s, Bor63-62, BvK63c, Bor65a, Bor65d, Bor65e, BB68, Bor72, BH88, BO98, Dre17, Hab19, LBBH69, SG82, Str64, Str60, Bor11, Bor13d, Bor16a, Bor63f, Inf55]. **Theory/Marley** [KED⁺60]. **Thermal** [BB43a, BB47a, BS41, Bor42b]. **thermochemical** [Bor19c, Bor63s]. **thermochemische** [Bor19c, Bor63s]. **Thermodynamics** [Bor39e, Bor44d, Bor46i, Bor63z, Bor63-47, Bor63-48, BB63j, BO07, Bor20g, Bor20h, Bor20i, Bor21d, BB22b, Bor43d, BB43b, BG48, Bor63-63, Lan83, Bor48b, Bor49e, Bor46c, Bor44a]. **Thermodynamik** [Bor21d, BB22b, Bor63-63, BB63j, Bor20g, Bor20h, Bor20i, Bor48b, Bor63z]. **thermodynamique** [Bor49e]. **thickness** [BB21a]. **Thin** [BP63b, BB21a, BP42]. **Thomson** [Bor40d, Bor40h, Bor63-40, Bor09d, Bor41b]. **Thomsonsche** [Bor09d]. **Thorndike** [Bey06, Cas05]. **Thoughts** [Bor69a, Bor68c]. **Three** [SGM⁺12, Bor20b, Sch05]. **Thunderstorm** [MPK⁺54]. **Time** [Bor51j, Bor57e, Bor58e, Bor59d, Bor61b, Bor66e, Bor69f, Bor83, Ily16, Wei12, Enz02b, Lem82, PST07, Bor51d]. **time-dependent** [PST07]. **Time-Reversal** [Ily16]. **times** [BB05]. **tint** [Hab19]. **Todestages** [Bor59b, Bor63v]. **Toeplitz** [Bor40a, Bor40f, Bor63-33, Bor81]. **together** [Anoxx]. **topics** [Bor49i]. **toy** [GDR04]. **Traditional** [Bor63z, Bor20g, Bor20h, Bor20i]. **traditionellen** [Bor20g, Bor20h, Bor20i, Bor63z]. **träge** [Bor09c]. **Tragedy** [Jon08]. **trajectoires** [Bor59a]. **trajectories** [BH23a, Bor59a]. **Trans** [Bro72]. **transfer** [AV24, Bor46f]. **Transformation** [Bor61c, Che70]. **Transformer** [BFP45, BFP63, Ano46]. **Transforms** [Bow69]. **Transistor** [MPK⁺54]. **Translation** [Bor62f]. **Trautenberg** [Bor46g, Bor63-34]. **Travel** [Bor66b, Bor66g]. **Travelling** [Rod19]. **treasury** [FF91]. **Treatment** [DM69, Bor22a, Bor36d, Bor36e, Bor39c]. **Trouble** [Cas05]. **True** [MP01]. **Tubes** [CZPS37]. **tumultuous** [AV24]. **Twentieth** [Bro72]. **Twenty** [Bor38f]. **Twenty-Ninth** [Bor38f]. **Twilight** [RSS⁺07]. **Two** [Bor49i]. **tycoon** [Hag08]. **Type** [De 16].

Übersichtsartikel [BDR84]. **Überwindung** [Bor51e]. **Uhrenparadoxon** [Bor58c, BB58, BB63b]. **ultraroten** [Bor18f, Bor32a, Bor63o, Bor63-53]. **ultraviolet** [Bor32d]. **ultravioletten** [Bor32d]. **Umdenkens** [BKCK58]. **Umdeutung** [Hei25]. **unbounded** [Kae48]. **uncertain** [BB05]. **understanding** [Bor28e]. **undulatorische** [Bor32c]. **undulatory** [Bor32c].

Unification [Bor44e]. **Uniforme** [CZPS37]. **Unifying** [Bor63-45, Bor38d]. **unique** [AV24]. **Unitary** [Bor36d, Bor36e]. **Universe** [Bor35f, Bor51i, Bor60b, A.53]. **universities** [Bor42h]. **University** [ABdB⁺53, Bor36c, Krö98, Sho20]. **unpublished** [Fre01, FL10]. **Unravelling** [FR13]. **Unsegen** [Bor66g]. **unsere** [BL19, BB22a, BB63g]. **unsere** [Lor10]. **unseres** [Bor62a]. **Untersuchungen** [Bor06]. **unto** [Cas05]. **use** [Bor47c]. **Using** [BL63b, BL18b, Dre17, dB53].

V [Bor47b, Bor47f, Bor63-35, Bor59c]. **valence** [Bor30a, Bor32e]. **valency** [Bor31a]. **Valenz** [Bor32e]. **Validity** [Hov18, Bor51e]. **variation** [BL42]. **Variational** [BO07]. **Variationsprinzip** [BO07]. **Vegard** [BL19, BL19]. **Verallgemeinerung** [Bor09g]. **Verantwortung** [Bor65k]. **Vergangenheit** [HH70]. **Verhältnis** [BL11]. **Verlag** [Kle70c]. **Verleger** [Lin98]. **Vernunft** [Bor66c]. **verschiedenen** [Bor06]. **version** [GDR04]. **Verständnis** [Bor28e]. **Versuch** [Bor65i]. **Verteilung** [BvK13a, BvK63a]. **Vertical** [BP63b, BP42]. **Verzeichnis** [Bor63-57]. **vi** [Kle70b]. **Vibration** [BP63b]. **Vibrations** [BB22a, BP42, BB63g, BK12, BvK13a, BB21b, BS41, Bor42b, BB63h, BvK63b, BvK63a]. **victory** [Pal00]. **View** [Bre70]. **Views** [Bor68a, Bor68d, For68, Kle70b, Oes68]. **viii** [Kle70c]. **visit** [Bor58c]. **Vocation** [Kle70c]. **Volume** [Bor20l, BJ30, RSS⁺07]. **Volumen** [Bor20l]. **vom** [Bor10b, Lor10, Bor19f, Bor66g]. **vor** [ABH⁺55, ABH⁺87]. **Voraussagbarkeit** [Bor59e]. **vorbeigeht** [vS21]. **Vorgänge** [Bor10b, BJ25b, BW26a, BW63b, BJ63b]. **Vorhersagbarkeit** [Bor58h]. **Vorlesungen** [BJ30, BH25, Giu13]. **Vorstellungen** [Lor10]. **Vortrag** [Lor10]. **Vorträge** [BDR84, Bor33a, Som34, da 33]. **vue** [Bor52d].

W [Ano46, Bor53b, Fow27, HKP⁺32a, HKP⁺32b, MPK⁺54]. **W.** [Bor49i]. **Wallace** [Man18, Man19]. **Walter** [And81]. **Wandel** [Bor57e, Bor58e, Bor59d, Bor66e, Bor83, Lin58]. **Wandlungen** [KED⁺60]. **War** [Pal00, Bor47c, Hab86, Sal19, Hol88]. **Warfare** [FW08, Hab22, Tho22, Bro68, Bro06, Cha05, Hab86, HP82, HP02, Hol88, Pal00]. **Wärme** [BB21c, BB22a, BB63g, BB63i, BvK13b, Bor14c, BvK63c]. **Wärmestrahlung** [Bor13a]. **Wärmetheorie** [BO07]. **Wärmetönung** [Hab19]. **warn** [ABH⁺55, ABH⁺87]. **warnen** [ABH⁺55, ABH⁺87]. **Was** [Wes80, Bor31f, Bor63-58]. **Wasserstoffmolekel** [Bor22d]. **Wave** [Bor37d, Bor46i, Bor46j, Bor26f, BI34d, BF40d, BF40c, Bor46c, Bor63-64, Dre17, dB53, Bor46b]. **waves** [dB53]. **weapons** [ABH⁺55, ABH⁺87]. **Weglänge** [Bor20e, Bor63r]. **Weird** [Str11]. **Weise** [Bor65i]. **welchem** [vS21]. **well** [SG82]. **Wellenmechanik** [Bor26f, Bor63-64]. **Weltkörpers** [vS21]. **Weltraumfahrt** [Bor66g]. **We're** [BR57, Nik08]. **Werke** [BDR84]. **Werner** [Bro72, Mar73, Sch05, Sch07, BDR84, Sch05, Sch07]. **Wesen** [Bor55e]. **western** [Pal00]. **Weyl** [Som05, Sig96, Som05]. **Where** [Car89]. **Whitehouse** [MPK⁺54]. **Whittaker** [Bor54a]. **Who** [Bey06, Cas05, Cha05, Cou13, Gre05a]. **Wide** [Ano02, Bor02].

Wide-Ranging [Ano02, Bor02]. **Wiederkehr** [Bor59b, Bor63v]. **Wilhelm** [Bor52b, BG61, Bor63b, Bor62f]. **Wirklichkeit** [Bor65j, Bor65i, Bor64e, Bor64f]. **wissenschaftliche** [Lem83, BDR84]. **wissenschaftlichen** [Bor63-57]. **wissenschaftlicher** [Lin98]. **within** [Dem03]. **Wolf** [KED⁺60, Sho20, Cop61, Hec00, Mil60, Str64, Str60, Wol66]. **Wolfgang** [Enz02b]. **women** [HHW99]. **work** [Bor09a, Bor10a, Bor64d, Sch05]. **Works** [BDR84, Bor63c, Bor63d, Ber15]. **World** [Bey06, Bor50d, Cas05, GR63, Hab86, Hol88, FF91, Gre05a, Gre06, GE08, Hag08, Haw11, Pal00]. **Would** [Nik08]. **writings** [Bor63-57]. **Wrocław** [Anoxx]. **Wyckoff** [HKP⁺32a, HKP⁺32b].

X [BB43a, BB47a, Bor21a, Bor41a, BS41, Bor42b, Bor42c, BLS42, Bor42g, BL42, Bor43c, Bor59c, Bor63-46]. **X-Ray** [Bor63-46, Bor42c, BLS42, Bor42g, Bor43c]. **X-Rays** [BB43a, Bor41a, BB47a, Bor21a, BS41, Bor42b, BL42, Bor59c]. **xi** [Bro72].

Year [FR13]. **Years** [Bor51h, Bor51f, Bor01a, Con62, Kae48, Wei82, Bor50d]. **York** [Kle70b, Kle70c, Mor54].

Zeeman [BS45]. **Zeemann** [BS63a]. **Zeilinger** [Fis10a, Fis12a]. **Zeit** [Lem82, Bor57e, Bor58e, Bor59d, Bor66e, Bor83, Lin58]. **Zeitalters** [Bor62a]. **Zerstreung** [Bor17, Bor18g, BG21b]. **Zientzia** [BB90]. **Zinkblende** [BB20c, BB19, BB20b, BB63e]. **zum** [Ano63, Ber15, BF30, BF63c, Fis10a, Fis12a, Hei62, Bor13d, BB58, BB63b]. **'Zur** [Bor10a, Bor15a, Bor18e, Bor19f, Bor20g, Bor20h, Bor20i, BB21a, BR31, Bor59b, Bor61a, Bor63g, Bor63e, Bor63v, Bor63z, Bor63-50, Hab19, KED⁺60, Bor10d, Bor10e, Bor13e, BC13b, BC13a, BvK13b, Bor14d, BB19, BB20b, BB20c, Bor21d, BB22b, BH23c, BH24b, BB25a, BB25b, BJ25b, BJ25a, BJN25, BHJ26, Bor26e, Bor26f, BO27, Bor28f, Bor29b, Bor29c, Bor29d, Bor30b, Bor32d, BM32, Bor32e, BF33, BS48, Bor55h, BL58, BHJ62, BM63, BB63e, BJ63b, Bor63-60, BJ63a, BHJ63, BL63d, BO63, Bor63-59, BF63a, Bor63-61, Bor63-63, Bor63-62, BB63j, BvK63c, Bor63-64]. **Zurek** [SF05]. **Zusammenhang** [BK23]. **Zustandes** [Bor23a, Bor26c]. **zweiatomiger** [Bor18f, Bor63-53]. **Zweiatomsystems** [BF33, BF63a]. **zweite** [Bor48b]. **zwischen** [Bor18e, Bor20c, Bor63-50].

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Born:1948:TSF

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- [Ber50] Gustav Bergmann. Book review: *Natural Philosophy of Cause and Chance*, by Max Born. *Philosophy of Science*, 17(2):196–199, April 1950. CODEN PHSCA6. ISSN 0031-8248 (print), 1539-767X (electronic). URL <http://www.jstor.org/stable/pdfplus/184920.pdf>.

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Born:1925:BDR

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Born:1925:QMG

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Born:1928:BAG

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Born:1930:BPA

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Born:1933:QZG

- [BF33] Max Born and S. Flugge. Zur Quantenmechanik des Zweiatomsystems. (German) [Toward a quantum mechanics of diatomic systems]. *Annalen der Physik (1900)*, 16(??):768–780, 1933. CODEN ???? ISSN ????

Born:1938:SMC

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Born:1939:FERa

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Born:1940:MCRa

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Born:1940:MCRb

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Born:1940:RIS

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Born:1940:RIR

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Born:1963:BAG

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Born:1963:BPA

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Born:1963:QMGa

- [BF63d] Max Born and James Franck. Quantentheorie und Molekelbildung. (German) [Quantum theory and molecular formation]. In *Ausgewählte Abhandlungen. (German) [Selected works]* [Bor63d], chapter 51, pages 78–96. LCCN 1925 Reprinted from *Z. Physik* **81**, 411–429 (1925).

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Born:1945:PEF

- [BFP45] Max Born, Reinhold Fürth, and R. W. Pringle. A photo-electric Fourier transformer. *Nature*, 156(3973):756–757, December 22, 1945. CODEN NATUAS. ISSN 0028-0836 (print), 1476-4687 (electronic). URL <http://www.nature.com/nature/journal/v156/n3973/pdf/156756a0.pdf>.

Born:1963:PEF

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Born:1921:EGGb

- [BG21a] Max Born and Walter Gerlach. Elektronenaffinität und Gittertheorie. (German) [Electron affinity and lattice theory]. *Zeitschrift für Physik*, 5(5–6):433–441, September 1921. CODEN ZEPYAA. ISSN 0939-7922 (print), 1431-5831 (electronic). URL <http://link.springer.com/article/10.1007/BF01327680>.

Born:1921:ZLG

- [BG21b] Max Born and Walter Gerlach. Über die Zerstreung des Lichtes in Gasen. (German) [On the scattering of light in gases]. *Zeitschrift für Physik*, 5(5–6):374–375, September 1921. CODEN ZEPYAA. ISSN 0939-7922 (print), 1431-5831 (electronic). URL <http://link.springer.com/article/10.1007/BF01327671>.

Born:1946:GKT

- [BG46] Max Born and Herbert S. Green. A general kinetic theory of liquids. I. The molecular distribution functions. *Proceedings of the Royal Society of London. Series A, Mathematical and physical sciences*, 188(1012):10–18, December 31, 1946. CODEN PRLAAZ. ISSN 0080-4630. URL <http://rspa.royalsocietypublishing.org/content/188/1012/10>.

Born:1947:GKTc

- [BG47a] Max Born and Herbert S. Green. A general kinetic theory of liquids. III. Dynamical properties. *Proceedings of the Royal Society of London. Series A, Mathematical and physical sciences*, 190(1023):455–474, September 9, 1947. CODEN PRLAAZ. ISSN 0080-4630. URL <http://rspa.royalsocietypublishing.org/content/190/1023/455>.

Born:1947:GKTd

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Born:1947:KTL

- [BG47c] Max Born and Herbert S. Green. A kinetic theory of liquids. *Nature*, 159(4034):251–254, February 22, 1947. CODEN NATUAS. ISSN 0028-0836 (print), 1476-4687 (electronic). URL <http://www.nature.com/nature/journal/v159/n4034/pdf/159251a0.pdf>.

Born:1947:QTL

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Born:1948:KBT

- [BG48] Max Born and Herbert S. Green. The kinetic basis of thermodynamics. *Proceedings of the Royal Society of London. Series A, Mathematical and physical sciences*, 192(1029):166–180, February 4, 1948. CODEN PRLAAZ. ISSN 0080-4630. URL <http://rspa.royalsocietypublishing.org/content/192/1029/166>.

Born:1949:GKT

- [BG49] Max Born and Herbert S. Green. *A General Kinetic Theory of Liquids*. Oxford University Press, Walton Street, Oxford OX2 6DP, UK, 1949. ???? pp. LCCN ????

Born:1961:ES

- [BG61] Max Born and G. Glaser. Erwin Schrödinger/Wilhelm Keil 70 Jahre. *Physikalische Blätter*, 17(2):85–87, February 1961.

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Born:1963:GKT

- [BG63] Max Born and H. S. Green. A general kinetic theory of liquids. I. The molecular distribution functions. In *Ausgewählte Abhandlungen. (German) [Selected works]* [Bor63c], chapter 46, pages 710–?? LCCN ????. Reprinted from Proc. Roy. Soc. A **188**, 10–18 (1946).

Born:1949:QTR

- [BGCR49] Max Born, Herbert S. Green, K. C. Cheng, and A. E. Rodriguez. Quantum theory of rest masses. *Proceedings of the Royal Society of Edinburgh. Section A, Mathematical and physical sciences*, 62(4): 470–488, ????. 1949. CODEN PEAMDU. ISSN 0308-2105 (print), 1473-7124 (electronic). With appendices by K. C. Cheng and A. E. Rodriguez.

Born:1990:QMI

- [BGĬ90] M. Born, V. Geizenberg, and P. Ĭordan. Quantum mechanics. II (a fragment). In *Einstein collection, 1986–1990 (Russian)*, pages 146–157. “Nauka”, Moscow, Russia, 1990. Translated from the German by A. N. Temchin.

Born:1950:GKT

- [BGK50] Max Born, Herbert S. Green, and John G. Kirkwood. A general kinetic theory of liquids. *Physics Today*, 3(10):35–37, October 1950. CODEN PHTOAD. ISSN 0031-9228 (print), 1945-0699 (electronic). URL <http://link.aip.org/link/?PTO/3/35/2>; http://physicstoday.org/resource/1/phtoad/v3/i10/p35_s2.

Born:1933:DGKb

- [BGM33a] Max Born and M. Göppert-Mayer. Dynamische Gittertheorie der Kristalle. (German) [Dynamical lattice theory of crystals]. In *Handbuch der Physik*, volume 24/2, pages 623–794. Springer-Verlag, Berlin, Germany / Heidelberg, Germany / London, UK / etc., second edition, 1933.

Born:1933:DGKa

- [BGM33b] Max Born and Maria Göppert-Mayer. *Dynamische Gittertheorie Kristalle. (German) [Dynamical crystal lattice theory]*. Springer-

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Born:1923:EIA

- [BH23a] Max Born and Werner Heisenberg. Die Elektronenbahnen im angeregten Heliumatom. (German) [The electron trajectories in the excited helium atom]. *Zeitschrift für Physik*, 16(1):229–243, December 1923. CODEN ZEPYAA. ISSN 0939-7922 (print), 1431-5831 (electronic). URL <http://link.springer.com/article/10.1007/BF01327396>; <http://www.springerlink.com/content/t75836n61671070k/>.

Born:1923:PBM

- [BH23b] Max Born and Werner Heisenberg. Über Phasenbeziehungen bei den Bohrschen Modellen von Atomen und Molekeln. (German) [On phase relations in the Bohr model of atoms and molecules]. *Zeitschrift für Physik*, 14(1):44–55, December 1923. CODEN ZEPYAA. ISSN 0939-7922 (print), 1431-5831 (electronic). URL <http://www.springerlink.com/content/v71005762t157n89/>.

Born:1923:QMM

- [BH23c] Max Born and Erich Hückel. Zur Quantentheorie mehratomiger Molekeln. (German) [Toward a quantum theory of polyatomic molecules]. *Physikalische Zeitschrift*, 24(1):1–12, January 1, 1923. CODEN PHZTAO. ISSN 0369-982X. URL <https://jscholarship.library.jhu.edu/handle/1774.2/214>.

Born:1924:EDI

- [BH24a] Max Born and Werner Heisenberg. Über den Einfluß der Deformierbarkeit der Ionen auf optische und chemische Konstanten. I. (German) [On the influence of the deformability of ions on optical and chemical constants. I]. *Zeitschrift für Physik*, 23(1):388–410, December 1924. CODEN ZEPYAA. ISSN 0939-7922 (print), 1431-5831 (electronic). URL <http://www.springerlink.com/content/h0588704m33v5160/>.

Born:1924:QMG

- [BH24b] Max Born and Werner Heisenberg. Zur Quantentheorie der Molekeln. (German) [Toward a quantum theory of molecules]. *Annalen der Physik (1900)*, 379(9):1–31, ???? 1924. CODEN ???? ISSN 1521-3889.

Born:1925:VAG

- [BH25] Max Born and Friedrich Hund. *Vorlesungen über Atommechanik. (German) [Lectures on atom mechanics]*, volume 2 of *Struktur der Materie in Einzeldarstellungen*. Springer-Verlag, Berlin, Germany / Heidelberg, Germany / London, UK / etc., 1925. x + 358 pp. LCCN ????. English translation in [BH27, Bor60c].

Born:1927:MA

- [BH27] Max Born and Friedrich Hund. *Mechanics of the Atom*. Bell, London, UK, 1927. xvi + 317 pp. LCCN ????. Reprinted in [Bor60c].

Born:1928:MQF

- [BH28] Max Born and Werner Heisenberg. La mécanique des quanta. (French) [The mechanics of quanta]. In ????, editor, *Electrons et Photons: Rapports et Discussions du Cinquième Conseil de Physique Tenu à Bruxelles du 24 au 29 Octobre 1927 sous les Auspices de l'Institut International de Physique Solvay*, pages 143–184. Gauthier-Villars et cie, Paris, France, 1928. LCCN ????

Born:1954:DTC

- [BH54] Max Born and Kun Huang. *Dynamical Theory of Crystal Lattices*. International Series of Monographs on Physics. Oxford University Press, Walton Street, Oxford OX2 6DP, UK, 1954. xii + 420 pp. LCCN ????

Born:1955:SDM

- [BH55] Max Born and D. J. Hooton. Statistische Dynamik mehrfach periodischer Systeme. (German) [Statistical dynamics of multi-periodic systems]. *Zeitschrift für Physik*, 142(2):201–218, April 1955. CODEN ZEPYAA. ISSN 0939-7922 (print), 1431-5831 (electronic). URL <http://link.springer.com/article/10.1007/BF01329422>.

Born:1956:SDM

- [BH56] Max Born and D. J. Hooton. Statistical dynamics of multiply-periodic systems. *Proceedings of the Cambridge Philosophical Society. Mathematical and physical sciences*, 52(2):287–300, April 1956. CODEN PCPSA4. ISSN 0008-1981.

Born:1963:EIA

- [BH63a] Max Born and Werner Heisenberg. Die Elektronenbahnen im angeregten Heliumatom. (German) [Electron orbits in the excited helium atom]. In *Ausgewählte Abhandlungen. (German) [Selected*

works] [Bor63d], chapter 48, pages 23–37. LCCN ????. Reprinted from *Z. Physik* **16**, 229–243 (1923).

Born:1963:EDI

- [BH63b] Max Born and Werner Heisenberg. Über den Einfluß der Deformierbarkeit der Ionen auf optische und chemische Konstanten I. (German) [On the influence of the deformability of ions on optical and chemical constants I]. In *Ausgewählte Abhandlungen. (German) [Selected works]* [Bor63d], chapter 49, pages 38–60. LCCN ????. Reprinted from *Z. Physik* **23**, 388–410 (1924).

Born:1975:QM

- [BH75] Max Born and Werner Heisenberg. 5. quantum mechanics. In Mehra [Meh75], chapter 6, pages 146–149. ISBN 90-277-0635-2. LCCN QC1.S792 M43.

Born:1984:MQ

- [BH84] Max Born and Werner Heisenberg. La mécanique des quanta. (French) [The mechanics of quanta]. In Blum et al. [BDR84], pages 58–99. ISBN 3-642-61743-3 (print), 3-642-61742-5 (e-book). LCCN ????. URL http://link.springer.com/chapter/10.1007/978-3-642-61742-3_7/.

Born:1988:DTC

- [BH88] Max Born and Kun Huang. *Dynamical theory of crystal lattices*. Oxford Classic Texts in the Physical Sciences. Oxford University Press, Walton Street, Oxford OX2 6DP, UK, 1988. xii + 420 pp. UK£20.00.

Born:1926:QIG

- [BHJ26] Max Born, Werner Heisenberg, and Pascual Jordan. Zur Quantenmechanik II. (German) [Toward quantum mechanics. II]. *Zeitschrift für Physik*, 35(8–9):557–615, August 1926. CODEN ZEPYAA. ISSN 0939-7922 (print), 1431-5831 (electronic). URL <http://link.springer.com/article/10.1007/BF01379806>; <http://www.springerlink.com/content/r46w151t550p1624/>. English translation in [BHJ67].

Born:1962:BMG

- [BHJ62] Max Born, Werner Heisenberg, and Pascual Jordan, editors. *Zur Begründung der Matrizenmechanik. (German) [Toward the Foundations of Matrix Mechanics]*, volume 2 of *Dokumente der Natur-*

wissenschaft. Abteilung Physik. E. Battenberg, Stuttgart, Germany, 1962. 135 pp. LCCN QC174.3 .Z8.

Born:1963:QIG

- [BHJ63] Max Born, Werner Heisenberg, and Pascal Jordan. Zur Quantenmechanik II. (German) [Toward quantum mechanics II]. In *Ausgewählte Abhandlungen. (German) [Selected works]* [Bor63d], chapter 54, pages 155–213. LCCN ????. Reprinted from *Z. Physik* **85**, 557–615 (1926).

Born:1967:QMc

- [BHJ67] Max Born, Werner Heisenberg, and Pascual Jordan. On quantum mechanics II. In van der Waerden [vdW67], pages 321–385. LCCN QC174.12 S655. English translation of [BHJ26].

Born:1921:RSE

- [BHvL21] Max Born, David Hilbert, and Max von Laue. Ruhm, Soldner, und Einstein. (German) [Fame, Soldner, and Einstein]. *Frankfurter Zeitung*, November 6, 1921. Critical comments on [vS21].

Born:1933:LEM

- [BI33a] Max Born and L. Infeld. Letter: Electromagnetic mass. *Nature*, 132(3347):970, December 23, 1933. CODEN NATUAS. ISSN 0028-0836 (print), 1476-4687 (electronic). URL <http://www.nature.com/nature/journal/v132/n3347/pdf/132970a0.pdf>.

Born:1933:LFN

- [BI33b] Max Born and Leopold Infeld. Letter: Foundations of the new field theory. *Nature*, 132(3348):1004, December 30, 1933. CODEN NATUAS. ISSN 0028-0836 (print), 1476-4687 (electronic). URL <http://www.nature.com/nature/journal/v132/n3348/pdf/1321004b0.pdf>.

Born:1934:FNF

- [BI34a] Max Born and L. Infeld. Foundations of the new field theory. *Proceedings of the Royal Society of London. Series A, Mathematical and physical sciences*, 144(852):425–451, March 29, 1934. CODEN PRLAAZ. ISSN 0080-4630. URL <http://rspa.royalsocietypublishing.org/content/144/852/425.full.pdf+html>.

Born:1934:QNF

- [BI34b] Max Born and L. Infeld. On the quantisation of the new field equations. I. *Proceedings of the Royal Society of London. Series A, Mathematical and physical sciences*, 147(862):522–546, December 1, 1934. CODEN PRLAAZ. ISSN 0080-4630. URL <http://rspa.royalsocietypublishing.org/content/147/862/522>.

Born:1934:RPF

- [BI34c] Max Born and L. Infeld. Remarks on the paper by Frenkel on Born's theory of the electron. *Proceedings of the Royal Society of London. Series A, Mathematical and physical sciences*, 146(859):935, October 15, 1934. CODEN PRLAAZ. ISSN 0080-4630. URL <http://rspa.royalsocietypublishing.org/content/146/859/935>. See [Fre34].

Born:1934:DEO

- [BI34d] Max Born and Leopold Infeld. Déduction de l'équation d'ondes de Dirac à partir de l'électrodynamique quantique. (French) [Derivation of the Dirac wave equation from quantum electrodynamics]. *Comptes rendus de l'Académie des sciences, Paris*, 199(??):1596–1598, ??? 1934. CODEN ???? ISSN ????

Born:1934:PNE

- [BI34e] Max Born and Leopold Infeld. Principes de la nouvelle électrodynamique quantique. (French) [Principles of the new quantum electrodynamics]. *Comptes rendus de l'Académie des sciences, Paris*, 199(??):1297–1299, ??? 1934. CODEN ???? ISSN ????

Born:1935:QNF

- [BI35] Max Born and L. Infeld. On the quantization of the new field theory. II. *Proceedings of the Royal Society of London. Series A, Mathematical and physical sciences*, 150(869):141–166, May 1, 1935. CODEN PRLAAZ. ISSN 0080-4630. URL <http://rspa.royalsocietypublishing.org/content/150/869/141>.

Born:1963:FNF

- [BI63a] Max Born and Leopold Infeld. Foundations of the new field theory. In *Ausgewählte Abhandlungen. (German) [Selected works]* [Bor63d], chapter 74, pages 514–540. LCCN ???? Reprinted from Proc. Roy. Soc. **A 144**, 425–451 (1934).

Born:1963:QNF

- [BI63b] Max Born and Leopold Infeld. On the quantisation of the new field equations I. In *Ausgewählte Abhandlungen. (German) [Selected works]* [Bor63d], chapter 75, pages 541–559. LCCN ????. Reprinted from Proc. Roy. Soc. A **147**, 522–546 (1934).

Born:1967:EEG

- [BI67] Max Born and Leopold Infeld. *Erinnerungen an Einstein. (German) [Memories of Einstein]*. Union-Verlag, Berlin, West Germany, 1967. ?? pp. LCCN ????

Born:1969:EEG

- [BI69] Max Born and Leopold Infeld. *Erinnerungen an Einstein. (German) [Memories of Einstein]*. Union-Verlag, Berlin, West Germany, 1969. 74 pp. LCCN ????

Born:1925:QGT

- [BJ25a] Max Born and Pascual Jordan. Zur Quantenmechanik. (German) [Toward quantum mechanics]. *Zeitschrift für Physik*, 34(1): 858–888, December 1925. CODEN ZEPYAA. ISSN 0939-7922 (print), 1431-5831 (electronic). URL <http://link.springer.com/article/10.1007/BF01328531>. English translation of pages 858–882 in [BJ67].

Born:1925:QAV

- [BJ25b] Max Born and Pascual Jordan. Zur Quantentheorie aperiodischer Vorgänge. (German) [Toward the quantum theory of aperiodic processes]. *Zeitschrift für Physik*, 33(1):479–505, December 1925. CODEN ZEPYAA. ISSN 0939-7922 (print), 1431-5831 (electronic). URL <http://link.springer.com/article/10.1007/BF01328329>.

Born:1930:EQI

- [BJ30] Max Born and Pascual Jordan. *Elementare Quantenmechanik. (II. Band der Vorlesungen über Atommechanik). (German) [Elementary quantum mechanics. II. Volume of lectures on atom mechanics]*, volume 9 of *Struktur der Materie in Einzeldarstellungen*. Springer-Verlag, Berlin, Germany / Heidelberg, Germany / London, UK / etc., 1930. xi + 434 pp. LCCN ????

Born:1963:QGQb

- [BJ63a] Max Born and Pascal Jordan. Zur Quantenmechanik. (German) [Toward quantum mechanics]. In *Ausgewählte Abhandlungen. (Ger-*

man) [*Selected works*] [Bor63d], chapter 53, pages 124–154. LCCN ???? Reprinted from *Z. Physik* **34**, 858–888 (1925).

Born:1963:QAV

- [BJ63b] Max Born and Pascal Jordan. Zur Quantentheorie aperiodischer Vorgänge. (German) [Toward the quantum theory of aperiodic processes]. In *Ausgewählte Abhandlungen. (German) [Selected works]* [Bor63d], chapter 52, pages 97–123. LCCN ???? Reprinted from *Z. Physik* **83**, 479–505 (1925).

Born:1967:QMb

- [BJ67] Max Born and Pascual Jordan. On quantum mechanics. In van der Waerden [vdW67], pages 277–306. LCCN QC174.12 S655. English translation of pages 858–882 of [BJ25a].

Born:1977:QM

- [BJ77] M. Born and P. Jordan. Quantum mechanics. *Uspekhi Fizicheskikh Nauk*, 122(4):586–611, ???? 1977. CODEN UFNAAG. ISSN 0042-1294 (print), 1996-6652 (electronic).

Born:1925:TSA

- [BJN25] Max Born, P. Jordan, and L. Nordheim. Zur Theorie der Stossanregung von Atomen und Molekülen. (German) [Toward the theory of collision excitation of atoms and molecules]. *Naturwissenschaften*, 13(?):969–970, ???? 1925. CODEN NATWAY. ISSN 0028-1042 (print), 1432-1904 (electronic).

Born:1912:SRG

- [BK12] Max Born and Th. V. Kármán. Über Schwingungen in Raumgittern. (German) [On vibrations in space lattices]. *Physikalische Zeitschrift*, 13(8):297–309, April 15, 1912. CODEN PHZTAO. ISSN 0369-982X. URL <http://babel.hathitrust.org/cgi/pt?id=mdp.39015023176806%3Bseq=361%3Bview=1up>.

Born:1923:ZDS

- [BK23] Max Born and H. Kornfeld. Über den Zusammenhang des Dipolmoments und der Sublimationswärme der Halogenwasserstoffe. (German) [On the link between the dipole moment and heat of sublimation of the hydrogen halides]. *Physikalische Zeitschrift*, 24(6):121–124, March 15, 1923. CODEN PHZTAO. ISSN 0369-982X. URL <https://jscholarship.library.jhu.edu/handle/1774.2/214>.

Born:1958:AAN

- [BKCK58] Max Born, H. Kortum, T. Cumme, and Karl Kromphardt. Aussprache über Atomgefahren: Über die Notwendigkeit des Umdenkens. (German) [Debate on nuclear dangers: on the necessity of rethinking]. *Physikalische Blätter*, 14(1):26–35, January 1958. CODEN PHBLAG. ISSN 0031-9279 (print), 1521-3722 (electronic). URL <http://onlinelibrary.wiley.com/doi/10.1002/phbl.19580140106/abstract>.

Born:1911:VEA

- [BL11] Max Born and Rudolf Ladenburg. Über das Verhältnis von Emissions- und Absorptionsvermögen bei stark absorbierenden Körpern. (German) [On the relationship between emission and absorbance in strongly absorbing bodies]. *Physikalische Zeitschrift*, 12(6):198–202, March 15, 1911. CODEN PHZTAO. ISSN 0369-982X. URL <http://babel.hathitrust.org/cgi/pt?id=mdp.39015011417709%3Bseq=234%3Bview=1up>.

Born:1918:KBA

- [BL18a] Max Born and A. Landé. Kristallgitter und Bohrsches Atommodell. (German) [Crystal lattice and Bohr's atomic model]. *Verhandlungen der Deutschen Physikalischen Gesellschaft*, 20(21–24):202–209, December 30, 1918. CODEN VDPEAZ. ISSN 0372-5448.

Born:1918:ABK

- [BL18b] Max Born and A. Landé. Über die absolute Berechnung der Kristalleigenschaften mit Hilfe Bohrscher Atommodelle. (German) [On the calculation of absolute crystal properties using Bohr atomic models]. *S. B. preuss. Akad. Wiss. Berlin*, ??(??):1048–1068, ??? 1918. CODEN ???? ISSN ????

Born:1918:BKR

- [BL18c] Max Born and A. Landé. Über die Berechnung der Kompressibilität regulärer Kristalle aus der Gittertheorie. (German) [On the calculation of the compressibility of regular crystals from lattice theory]. *Verhandlungen der Deutschen Physikalischen Gesellschaft*, 20(21–24):210–216, December 30, 1918. CODEN VDPEAZ. ISSN 0372-5448.

Born:1919:ABH

- [BL19] Max Born and A. Landé. Antwort auf die Bemerkungen des Herrn L. Vegard zu unseren Arbeiten über Kristallgitter und Bohrsches

Atommodell. (German) [Response to the remarks of Mr. L. Vegard to our studies on the crystal lattice and Bohr atomic model]. *Verhandlungen der Deutschen Physikalischen Gesellschaft*, 21(11–12): 385–387, June 30, 1919. CODEN VDPEAZ. ISSN 0372-5448.

Born:1942:TVD

- [BL42] Max Born and Kathleen Lonsdale. Temperature variation of diffuse scattering of X-rays by crystals. *Nature*, 150(3808):490, October 24, 1942. CODEN NATUAS. ISSN 0028-0836 (print), 1476-4687 (electronic). URL <http://www.nature.com/nature/journal/v150/n3808/pdf/150490a0.pdf>.

Born:1943:DFL

- [BL43] Max Born and Walter Ledermann. Density of frequencies in lattice dynamics. *Nature*, 151(3824):197–198, February 13, 1943. CODEN NATUAS. ISSN 0028-0836 (print), 1476-4687 (electronic). URL <http://www.nature.com/nature/journal/v151/n3824/pdf/151197a0.pdf>.

Born:1958:QKT

- [BL58] Max Born and W. Ludwig. Zur Quantenmechanik des kräftefreien Teilchens. (German) [Toward a quantum mechanics of an inertial particle]. *Zeitschrift für Physik*, 150(1):106–117, February 1958. CODEN ZEPYAA. ISSN 0939-7922 (print), 1431-5831 (electronic). URL <http://link.springer.com/article/10.1007/BF01338519>.

Born:1963:KBA

- [BL63a] Max Born and A. Landé. Kristallgitter und Bohrsches Atommodell. (German) [Crystal lattice and Bohr's atomic model]. In *Ausgewählte Abhandlungen. (German) [Selected works]* [Bor63c], chapter 16, pages 348–355. LCCN ????. Reprinted from *Verh. Dtsch. Physik. Ges.* **20**, 202–209 (1918).

Born:1963:ABK

- [BL63b] Max Born and A. Landé. Über die absolute Berechnung der Kristalleigenschaften mit Hilfe Bohrscher Atommodelle. (German) [On the absolute calculation of crystal properties using Bohrian atom models]. In *Ausgewählte Abhandlungen. (German) [Selected works]* [Bor63c], chapter 15, pages 327–347. LCCN ????. Reprinted from *S. B. Preuß. Akad. Wiss. Berlin* **1918**, 1048–1068.

Born:1963:BKR

- [BL63c] Max Born and A. Landé. Über die Berechnung der Kompressibilität regulärer Kristalle aus der Gittertheorie. (German) [On calculating the compressibility of regular crystals from lattice theory]. In *Ausgewählte Abhandlungen. (German) [Selected works]* [Bor63c], chapter 17, pages 356–362. LCCN ????. Reprinted from Verh. Dtsch. Physik. Ges. **20**, 210–216 (1918).

Born:1963:QKT

- [BL63d] Max Born and W. Ludwig. Zur Quantenmechanik des kräftefreien Teilchens. (German) [Toward a quantum mechanics of an inertial particle]. In *Ausgewählte Abhandlungen. (German) [Selected works]* [Bor63d], chapter 69, pages 442–453. LCCN ????. Reprinted from Z. Physik **150**, 106–117 (1958).

Blanche:1958:BRB

- [Bla58] R. Blanché. Book review: *L'expérience et la théorie en physique*, by Max Born and J.-P. Mathieu. *Revue Philosophique de la France et de l'Étranger*, 148(??):123, ????. 1958. CODEN ????. ISSN 0035-3833 (print), 2104-385X (electronic). URL <http://www.jstor.org/stable/41089692>; <http://www.jstor.org/stable/pdfplus/41089692.pdf>.

Blagonravov:1967:CSR

- [Bla67] Anatoly Blagonravov. Comments: Space research justified by needs of science. *Bulletin of the Atomic Scientists*, 23(8):40–42, October 1967. CODEN BASIAP. ISSN 0096-3402 (print), 1938-3282 (electronic). See comment [Bor68b].

Blanchard:2008:CSE

- [Bla08] Ph. Blanchard. Composite systems: Entanglement, envariance, events and Born's rule. *European Physical Journal — Special Topics*, 159(??):37–45, ????. 2008. CODEN EPJSAC. ISSN 1951-6355 (print), 1951-6401 (electronic).

Born:1942:QTDa

- [BLS42] Max Born, Kathleen Lonsdale, and Helen M. J. Smith. Quantum theory and diffuse X-ray reflexions. *Nature*, 149(3780):402–403, April 11, 1942. CODEN NATUAS. ISSN 0028-0836 (print), 1476-4687 (electronic).

Born:1932:GIG

- [BM32] Max Born and Joseph E. Mayer. Zur Gittertheorie der Ionenkrystalle. (German) [Toward a lattice theory of ionic crystals]. *Zeitschrift für Physik*, 75(1–2):1–18, January 1932. CODEN ZEPYAA. ISSN 0939-7922 (print), 1431-5831 (electronic). URL <http://link.springer.com/article/10.1007/BF01340511>.

Born:1940:SCLd

- [BM40] Max Born and Rama Dhar Misra. On the stability of crystal lattices. IV. *Proceedings of the Cambridge Philosophical Society. Mathematical and physical sciences*, 36(4):466–478, October 1940. CODEN PCPSA4. ISSN 0008-1981.

Born:1963:GIG

- [BM63] Max Born and J. E. Mayer. Zur Gittertheorie der Ionenkrystalle. (German) [Toward a lattice theory of ionic crystals]. In *Ausgewählte Abhandlungen. (German) [Selected works]* [Bor63c], chapter 29, pages 509–526. LCCN ????. Reprinted from *Z. Physik* **76**, 1–18 (1932).

Born:1936:NTLa

- [BN36a] Max Born and N. S. Nagendra Nath. The neutrino theory of light. *Proceedings — Indian Academy of Sciences, Section A*, 3(?):318–337, ????. 1936. CODEN PISAA7. ISSN 0370-0089.

Born:1936:NTLb

- [BN36b] Max Born and N. S. Nagendra Nath. The neutrino theory of light. II. *Proceedings — Indian Academy of Sciences, Section A*, 4(?):611–620, ????. 1936. CODEN PISAA7. ISSN 0370-0089.

Badino:2013:RPH

- [BN13] Massimiliano Badino and Jaume Navarro. *Research and Pedagogy: a History of Quantum Physics Through Its Textbooks*, volume 2 of *Max Planck research library for the history and development of knowledge. Studies*. Edition Open Access, Berlin, Germany, 2013. ISBN 3-8442-5871-X. 302 pp. LCCN QC173.98. URL <http://www.edition-open-access.de/studies/2/>.

Born:1907:VWG

- [BO07] Max Born and Erich Oettinger. Variationsprinzip der Wärmetheorie. (German) [Variational principles of thermodynamics]. *Physikalische Zeitschrift*, 8(17):572–580, September 1, 1907. CODEN PHZ-

TAO. ISSN 0369-982X. URL <http://babel.hathitrust.org/cgi/pt?id=mdp.39015068320954%3Bseq=604%3Bview=1up>.

Born:1927:QMG

- [BO27] Max Born and R. Oppenheimer. Zur Quantentheorie der Molekeln. (German) [Toward a quantum theory of molecules]. *Annalen der Physik (1900)*, 84(20):457–484, 1927. CODEN AN-PYA2. ISSN 0003-3804 (print), 1521-3889 (electronic). URL <http://onlinelibrary.wiley.com/doi/10.1002/andp.19273892002/abstract>. This paper introduces the now widely-used Born–Oppenheimer approximation that allows separation of electronic and nuclear motion. See also English translation [BO98].

Born:1963:QMGb

- [BO63] Max Born and J. Robert Oppenheimer. Zur Quantentheorie der Molekeln. (German) [Toward a quantum theory of molecules]. In *Ausgewählte Abhandlungen. (German) [Selected works]* [Bor63d], chapter 61, pages 310–337. LCCN ????. Reprinted from *Ann. Physik.* **84**, 457–484 (1927).

Born:1998:QTM

- [BO98] M. Born and R. Oppenheimer. On the quantum theory of molecules. *Rev. Acad. Colombiana Cienc. Exact. Fís. Natur.*, 22 (84):375–391, 1998. CODEN ????. ISSN 0370-3908. Translated from the 1927 German original [BO27] by Arnulfo Poveda, José Luis Villaveces and Gloria Esperanza Moyano.

Bonitz:2005:KFE

- [Bon05] Manfred Bonitz. Klaus Fuchs — the enduring contribution to physics from his British period. *Scientometrics*, 62(3):343–350, March 2005. CODEN SCNTDX. ISSN 0138-9130 (print), 1588-2861 (electronic). URL <http://link.springer.com/article/10.1007/s11192-005-0026-4>.

Born:1906:USE

- [Bor06] Max Born. *Untersuchungen über die Stabilität der elastischen Linie in Ebene und Raum unter verschiedenen Grenzbedingungen. [Studies on the stability of the elastic line in the plane and in space under different limiting conditions]*. Ph.D. dissertation, Universität Göttingen, Göttingen, Germany, 1906. URL <http://genealogy.math.ndsu.nodak.edu/id.php?id=18344>. Preisschrift und Inaugural-Dissertation. [Prize-winning inaugural dissertation.].

Born:1909:BAT

- [Bor09a] Max Born. Berichtigung zu der Arbeit: Die Theorie des starren Elektrons in der Kinematik des Relativitätsprinzips. (German) [Correction to the work: The theory of the electron in the rigid kinematics of the Principle of Relativity]. *Annalen der Physik (1900)*, 335(15):840, 1909. ISSN 1521-3889. See [Bor09b].

Born:1909:TSE

- [Bor09b] Max Born. Die Theorie des starren Elektrons in der Kinematik des Relativitätsprinzips. (German) [The theory of the rigid electron in the kinematics of the Principle of Relativity]. *Annalen der Physik (1900)*, 30(??):1–56, 1909. CODEN ???? ISSN ???? See correction [Bor09a].

Born:1909:TMR

- [Bor09c] Max Born. Die träge Masse und das Relativitätsprinzip. (German) [The inertial mass and the Principle of Relativity]. *Annalen der Physik (1900)*, 28(3):571–584, 1909. CODEN ???? ISSN ????

Born:1909:TAH

- [Bor09d] Max Born. Über das Thomsonsche Atommodell (Habilitationsvortrag, Göttingen). (German) [On Thomson's atomic model (habilitation lecture, Göttingen)]. *Physikalische Zeitschrift*, 10(25):1031–1034, December 15, 1909. CODEN PHZTAO. ISSN 0369-982X. URL <http://babel.hathitrust.org/cgi/pt?id=mdp.39015023919049%3Bseq=1107%3Bview=1up>.

Born:1909:DEKa

- [Bor09e] Max Born. Über die Dynamik des Elektrons in der Kinematik des Relativitätsprinzips. (German) [On the dynamics of the electron in the kinematics of the Principle of Relativity]. *Verhandlungen der Deutschen Physikalischen Gesellschaft*, 11(21):617–623, November 15, 1909. CODEN VDPEAZ. ISSN 0372-5448. Also in [Bor09f].

Born:1909:DEKb

- [Bor09f] Max Born. Über die Dynamik des Elektrons in der Kinematik des Relativitätsprinzips. (German) [On the dynamics of the electron in the kinematics of the Principle of Relativity]. *Physikalische Zeitschrift*, 10(22):814–817, November 10, 1909. CODEN PHZTAO. ISSN 0369-982X. URL <http://babel.hathitrust.org/cgi/pt?id=mdp.39015023919049%3Bseq=868%3Bview=1up>. Also in [Bor09e].

Born:1909:VEK

- [Bor09g] Max Born. Über eine Verallgemeinerung der Eulerschen Knickformel. (German) [A generalization of Euler's buckling formula]. *Physikalische Zeitschrift*, 10(11):383–387, June 1, 1909. CODEN PHZTAO. ISSN 0369-982X. URL <http://babel.hathitrust.org/cgi/pt?id=mdp.39015023919049%3Bseq=419%3Bview=1up>.

Born:1910:BMA

- [Bor10a] Max Born. Berichtigung zu meiner Arbeit 'Zur Elektrodynamik bewegter Körper'. (German) [Correction to my work 'on the electrodynamics moving bodies']. *Verhandlungen der Deutschen Physikalischen Gesellschaft*, 12(18–19):730, October 15, 1910. CODEN VDPEAZ. ISSN 0372-5448. See [Bor10d].

Born:1910:AGE

- [Bor10b] Max Born. Eine Ableitung der Grundgleichungen für die elektromagnetischen Vorgänge in bewegten Körpern vom Standpunkte der Elektronentheorie (Aus dem Nachlass von Hermann Minkowski bearbeitet von Max Born). (German) [A derivation of the basic equations for electromagnetic processes in moving bodies from the standpoint of the theory of electrons (from the estate of Hermann Minkowski, edited by Max Born)]. *Mathematische Annalen*, 68(??):526–551, 1910. CODEN MAANA3. ISSN 0025-5831 (print), 1432-1807 (electronic).

Born:1910:DSK

- [Bor10c] Max Born. Über die Definition des starren Körpers in der Kinematik des Relativitätsprinzips. (German) [On the definition of a rigid body in the kinematics of the Principle of Relativity]. *Physikalische Zeitschrift*, 11(6):233–234, March 15, 1910. CODEN PHZTAO. ISSN 0369-982X. URL <http://babel.hathitrust.org/cgi/pt?id=nyp.33433090815337%3Bseq=285%3Bview=1up>.

Born:1910:EBK

- [Bor10d] Max Born. Zur Elektrodynamik bewegter Körper. (German) [Toward the electrodynamics of moving bodies]. *Verhandlungen der Deutschen Physikalischen Gesellschaft*, 12(10):457–467, May 30, 1910. CODEN VDPEAZ. ISSN 0372-5448. See correction [Bor10a].

Born:1910:KSK

- [Bor10e] Max Born. Zur Kinematik des starren Körpers im System des Relativitätsprinzips. (German) [Kinematics of rigid bodies in the

system of the Principle of Relativity]. *Nachr. Ges. Wiss. Göttingen*, ??(??):161–179, ??? 1910. CODEN ??? ISSN ???

Born:1911:ERG

- [Bor11] Max. Born. Elastizitätstheorie und Relativitätstheorie. (German) [Elasticity theory and Relativity Theory]. *Physikalische Zeitschrift*, 12(14):569–575, July 15, 1911. CODEN PHZTAO. ISSN 0369-982X. URL <http://babel.hathitrust.org/cgi/pt?id=mdp.39015011417709%3Bseq=623%3Bview=1up>.

Born:1912:LBM

- [Bor12a] Max Born. Lichtfortpflanzung in bewegten Medien. (German) [Light propagation in moving media]. In *Handwörterb. Naturwiss*, volume 6, pages 287–294. Gustav Fischer, Jena, Germany, 1912.

Born:1912:PP

- [Bor12b] Max Born. Prinzipien der Physik. (German) [Principles of physics]. In *Handwörterb. d. Naturwiss*, volume 6, pages 1118–1126. Gustav Fischer, Jena, Germany, 1912.

Born:1913:TWQ

- [Bor13a] Max Born. Die Theorie der Wärmestrahlung und die Quantenhypothese. (German) [The theory of heat radiation and the quantum hypothesis]. *Naturwissenschaften*, 1(??):499–504, ??? 1913. CODEN NATWAY. ISSN 0028-1042 (print), 1432-1904 (electronic).

Born:1913:IGI

- [Bor13b] Max Born. Infinitesimalrechnung. (German) [Infinitesimal calculation]. In *Handwörterb. Naturwiss*, volume 5, pages 413–425. Gustav Fischer, Jena, Germany, ??? 1913.

Born:1913:RGS

- [Bor13c] Max Born. Raum. (German) [Space]. In *Handwörterb. Naturwiss*, volume 7, pages 120–?? Gustav Fischer, Jena, Germany, ??? 1913. CODEN ??? ISSN ???

Born:1913:REH

- [Bor13d] Max Born. Zum Relativitätsprinzip: Entgegnung auf Herrn Gehrcke's Artikel 'Die gegen die Relativitätstheorie erhobenen Einwände'. (German) [On the Principle of Relativity: reply to Mr. Gehrcke's article 'the Theory of Relativity for the moving charges']. *Naturwissenschaften*, 1(??):92–94, 191–192, ??? 1913. CODEN NATWAY. ISSN 0028-1042 (print), 1432-1904 (electronic).

Born:1913:KTM

- [Bor13e] Max Born. Zur kinetischen Theorie der Materie. (German) [Toward the kinetic theory of matter]. *Naturwissenschaften*, 1(?):297–299, ??? 1913. CODEN NATWAY. ISSN 0028-1042 (print), 1432-1904 (electronic).

Born:1914:IES

- [Bor14a] Max Born. Der Impuls-Energie-Satz in der Elektrodynamik von Gustav Mie. (German) [The pulse-energy theorem in Gustav Mie's electrodynamics]. *Nachr. Ges. Wiss. Göttingen*, ??(?):23–37, ??? 1914. CODEN ???? ISSN ????

Born:1914:EBE

- [Bor14b] Max Born. Die elektronentheoretische Begründung der Elektrodynamik bewegter Körper. (German) [The theoretical foundation of the electrodynamics of moving bodies]. *Jb. Radioakt.*, 11(?):301–307, ??? 1914. CODEN ???? ISSN ????

Born:1914:MET

- [Bor14c] Max Born. Über die Methode der Eigenschwingungen in der Theorie der spezifischen Wärme. (German) [On the method of natural oscillations in the theory of specific heat]. *Physikalische Zeitschrift*, 15(4):185–191, February 15, 1914. CODEN PHZTAO. ISSN 0369-982X. URL <http://babel.hathitrust.org/cgi/pt?id=uc1.c2831834%3Bseq=217%3Bview=1up>.

Born:1914:RDG

- [Bor14d] Max Born. Zur Raumgittertheorie des Diamanten. (German) [Toward the space lattice theory of diamond]. *Annalen der Physik (1900)*, 44(?):605–642, ??? 1914. CODEN ???? ISSN ????

Born:1915:BMH

- [Bor15a] Max Born. Bemerkungen zu der Mitteilung des Herrn Karl Czukur: Zur Theorie der Dielektrika. (German) [Reponse to the communication of Mr. Charles Czukur: “Toward the theory of dielectrics”]. *Verhandlungen der Deutschen Physikalischen Gesellschaft*, 17(10):204, May 30, 1915. CODEN VDPEAZ. ISSN 0372-5448.

Born:1915:DKG

- [Bor15b] Max Born. *Dynamik der Kristallgitter. (German) [Dynamics of crystal lattices]*. Teubner, Stuttgart, Germany; Leipzig, Germany, 1915. vii + 122 pp. LCCN ????

Born:1915:DDP

- [Bor15c] Max Born. Über die Dispersion der Drehung der Polarisationssebene in Kristallen. (German) [On the dispersion of the rotation of the plane of polarization in crystals]. *Physikalische Zeitschrift*, 16(23):437–438, December 1, 1915. CODEN PHZTAO. ISSN 0369-982X. URL <http://babel.hathitrust.org/cgi/pt?id=njp.32101054770928%3Bseq=487%3Bview=1up>.

Born:1915:NOA

- [Bor15d] Max Born. Über die natürliche optische Aktivität von Flüssigkeiten und Gasen. (German) [On the natural optical activity of liquids and gases]. *Physikalische Zeitschrift*, 16(13–14):251–258, July 15, 1915. CODEN PHZTAO. ISSN 0369-982X. URL <http://babel.hathitrust.org/cgi/pt?id=njp.32101054770928%3Bseq=299%3Bview=1up>.

Born:1915:OAK

- [Bor15e] Max Born. Über die optische Aktivität der Kristalle. (German) [On the optical activity of crystals]. In Bergwitz [Ber15], pages 391–403. LCCN QD455 .F47 1915. URL <http://catalog.hathitrust.org/api/volumes/oclc/47733990.html>.

Born:1916:ETG

- [Bor16a] Max Born. Einstein's Theorie der Gravitation und der allgemeinen Relativität. (German) [Einstein's Theory of Gravitation and General Relativity]. *Physikalische Zeitschrift*, 17(4):51–59, February 15, 1916. CODEN PHZTAO. ISSN 0369-982X. URL <http://babel.hathitrust.org/cgi/pt?id=mdp.39015010783705%3Bseq=75%3Bview=1up>.

Born:1916:AFG

- [Bor16b] Max Born. Über anisotrope Flüssigkeiten. (German) [On anisotropic fluids]. *S. B. preuss. Akad. Wiss. Berlin*, ??(??):614–650, ??? 1916. CODEN ???? ISSN ????

Born:1917:ZLS

- [Bor17] Max Born. Über die Zerstreung des Lichtes in Substanzen mit anisotropen Molekeln. (German) [On the scattering of light in substances with anisotropic molecules]. *Verhandlungen der Deutschen Physikalischen Gesellschaft*, 19(21–22):243–264, November 30, 1917. CODEN VDPEAZ. ISSN 0372-5448.

Born:1918:EMK

- [Bor18a] Max Born. Die elektromagnetische Masse der Kristalle. (German) [The electromagnetic mass of crystals]. *S. B. preuss. Akad. Wiss. Berlin*, ??(??):712–718, ??? 1918. CODEN ??? ISSN ???

Born:1918:ENO

- [Bor18b] Max Born. Elektronentheorie des natürlichen optischen Drehungsvermögens isotroper und anisotroper Flüssigkeiten. (German) [Electron theory of natural optical rotatory power of isotropic and anisotropic liquids]. *Annalen der Physik (1900)*, 55(??):177–240, ??? 1918. CODEN ??? ISSN ???

Born:1918:HH

- [Bor18c] Max Born. H. Herkner. *Naturwissenschaften*, 6(??):179–??, ??? 1918. CODEN NATWAY. ISSN 0028-1042 (print), 1432-1904 (electronic).

Born:1918:BAK

- [Bor18d] Max Born. Über die Berechnung der absoluten Kristalldimensionen. (German) [On the calculation of absolute crystal dimensions]. *Verhandlungen der Deutschen Physikalischen Gesellschaft*, 20(21–24):224–229, December 30, 1918. CODEN VDPEAZ. ISSN 0372-5448.

Born:1918:MBZ

- [Bor18e] Max Born. Über die Maxwellsche Beziehung zwischen Brechungsindex und Dielektrizitätskonstante und über eine Methode zur Bestimmung der Ionenladung in Kristallen. (German) [On the relationship between Maxwell's refractive index and dielectric constant and a method for the determination of ionic charge of crystals]. *S. B. preuss. Akad. Wiss. Berlin*, ??(??):604–613, ??? 1918. CODEN ??? ISSN ???

Born:1918:UEZ

- [Bor18f] Max Born. Über die ultraroten Eigenschwingungen zweiatomiger Kristalle. (German) [On the infra-red natural frequencies of diatomic crystals]. *Physikalische Zeitschrift*, 19(24):539–548, December 15, 1918. CODEN PHZTAO. ISSN 0369-982X. URL <http://babel.hathitrust.org/cgi/pt?id=mdp.39015056706941%3Bseq=625%3Bview=1up>.

Born:1918:ZLH

- [Bor18g] Max Born. Über die Zerstreung des Lichtes in H_2 , O_2 und N_2 . (German) [On the scattering of light in H_2 , O_2 and N_2]. *Verhandlungen der Deutschen Physikalischen Gesellschaft*, 20(1–4):16–32, February 28, 1918. CODEN VDPEAZ. ISSN 0372-5448.

Born:1918:KAG

- [Bor18h] Max Born. Über kubische Atommodelle. (German) [On cubic atomic models]. *Verhandlungen der Deutschen Physikalischen Gesellschaft*, 20(21–24):230–239, December 30, 1918. CODEN VDPEAZ. ISSN 0372-5448.

Born:1919:EHG

- [Bor19a] Max Born. Die elektronenaffinität der Halogenatome. (German) [The electron affinity of halogen atoms]. *Verhandlungen der Deutschen Physikalischen Gesellschaft*, 21(21–22):679–685, December 5, 1919. CODEN VDPEAZ. ISSN 0372-5448.

Born:1919:REI

- [Bor19b] Max Born. *Die Relativitätstheorie Einsteins und ihre physikalischen Grundlagen*. (German) [Einstein's Relativity Theory and its Physical Basis]. Springer-Verlag, Berlin, Germany / Heidelberg, Germany / London, UK / etc., 1919. ???? pp. LCCN ????

Born:1919:TAG

- [Bor19c] Max Born. Eine thermochemische Anwendung der Gittertheorie. (German) [A thermochemical application of lattice theory]. *Verhandlungen der Deutschen Physikalischen Gesellschaft*, 21(1–2):13–24, January 30, 1919. CODEN VDPEAZ. ISSN 0372-5448. This paper, with Haber's independent work [Hab19], is the origin of the famous “Born–Haber cycle” in thermodynamics.

Born:1919:ENKa

- [Bor19d] Max Born. Über die elektrische Natur der Kohäsionskräfte fester Körper. (German) [On the electrical nature of the cohesive forces of solids]. *Annalen der Physik (1900)*, 61(??):87–106, ???? 1919. CODEN ???? ISSN ????

Born:1919:ENKb

- [Bor19e] Max Born. Über die elektrische Natur der Kohäsionskräfte fester Körper. (German) [On the electrical nature of the cohesive forces of solids]. *Verhandlungen der Deutschen Physikalischen Gesellschaft*,

21(15–16):533–538, August 30, 1919. CODEN VDPEAZ. ISSN 0372-5448.

Born:1919:MAE

- [Bor19f] Max Born. Vom mechanischen Äther zur elektrischen Materie. (German) [From mechanical ether to electrical matter]. *Naturwissenschaften*, 7(??):136–141, ??? 1919. CODEN NATWAY. ISSN 0028-1042 (print), 1432-1904 (electronic).

Born:1920:AGA

- [Bor20a] Max Born. Das Atom. (German) [The atom]. *Naturwissenschaften*, 8(??):213–226, ??? 1920. CODEN NATWAY. ISSN 0028-1042 (print), 1432-1904 (electronic).

Born:1920:AMD

- [Bor20b] Max Born. *Der Aufbau der Materie. Drei Aufsätze über moderne Atomistik Elektronentheorie.* (German) [The structure of matter. Three essays on modern atomic electron theory]. Springer-Verlag, Berlin, Germany / Heidelberg, Germany / London, UK / etc., 1920. ??? pp. LCCN ???

Born:1920:BZC

- [Bor20c] Max Born. Die Brücke zwischen Chemie und Physik. (German) [The bridge between chemistry and physics]. *Naturwissenschaften*, 8(??):373–382, ??? 1920. CODEN NATWAY. ISSN 0028-1042 (print), 1432-1904 (electronic).

Born:1920:REI

- [Bor20d] Max Born. *Die Relativitätstheorie Einsteins und ihre physikalischen Grundlagen gemeinverständlich dargestellt von Max Born.* (German) [Einstein's Theory of Relativity and its physical foundations]. Springer-Verlag, Berlin, Germany / Heidelberg, Germany / London, UK / etc., 1920. x + 242 pp. LCCN QC6 .B65.

Born:1920:DMF

- [Bor20e] Max Born. Eine direkte Messung der freien Weglänge neutraler Atome. (German) [A direct measurement of the free path of neutral atoms]. *Physikalische Zeitschrift*, 21(21–22):578–581, November 1–15, 1920. CODEN PHZTAO. ISSN 0369-982X. URL <http://babel.hathitrust.org/cgi/pt?id=mdp.39015086723080%3Bseq=644%3Bview=1up>.

Born:1920:EMG

- [Bor20f] Max Born. *Enzyklopädie der Mathematik. (German) [Encyclopedia of Mathematics]*. Teubner, Stuttgart, Germany; Leipzig, Germany, 1920. ??? pp. LCCN ???

Born:1920:KBTa

- [Bor20g] Max Born. Kritische Betrachtungen zur traditionellen Darstellung der Thermodynamik. (German) [Critical considerations for traditional representation of thermodynamics]. *Physikalische Zeitschrift*, 22(7):218–224, April 1, 1920. CODEN PHZTAO. ISSN 0369-982X. URL <http://babel.hathitrust.org/cgi/pt?id=mdp.39015020056829%3Bseq=254%3Bview=1up>.

Born:1920:KB Tb

- [Bor20h] Max Born. Kritische Betrachtungen zur traditionellen Darstellung der Thermodynamik. (German) [Critical considerations for traditional representation of thermodynamics]. *Physikalische Zeitschrift*, 22(8):249–254, April 15, 1920. CODEN PHZTAO. ISSN 0369-982X. URL <http://babel.hathitrust.org/cgi/pt?id=mdp.39015020056829%3Bseq=287%3Bview=1up>.

Born:1920:KB Tc

- [Bor20i] Max Born. Kritische Betrachtungen zur traditionellen Darstellung der Thermodynamik. (German) [Critical considerations for traditional representation of thermodynamics]. *Physikalische Zeitschrift*, 22(9):282–286, May 1, 1920. CODEN PHZTAO. ISSN 0369-982X. URL <http://babel.hathitrust.org/cgi/pt?id=mdp.39015020056829%3Bseq=322%3Bview=1up>.

Born:1920:BEIa

- [Bor20j] Max Born. Über die Beweglichkeit der elektrolytischen Ionen. (German) [On the mobility of the electrolytic ion]. *Zeitschrift für Elektrochemie*, 26(??):401–403, ??? 1920. CODEN ZEELAI. ISSN 0372-8382.

Born:1920:BEIb

- [Bor20k] Max Born. Über die Beweglichkeit der elektrolytischen Ionen. (German) [On the mobility of the electrolytic ion]. *Zeitschrift für Physik*, 1(3):221–249, June 1920. CODEN ZEPYAA. ISSN 0939-7922 (print), 1431-5831 (electronic). URL <http://link.springer.com/article/10.1007/BF01329168>.

Born:1920:VHI

- [Bor20l] Max Born. Volumen und Hydratationswärme der Ionen. (German) [Volume and heat of hydration of ions]. *Zeitschrift für Physik*, 1 (1):45–48, February 1920. CODEN ZEPYAA. ISSN 0939-7922 (print), 1431-5831 (electronic). URL <http://link.springer.com/article/10.1007/BF01881023>.

Born:1921:PNR

- [Bor21a] Max Born. Die physikalische Natur der Röntgenstrahlen. (German) [The physical nature of X-rays]. *Umschau*, 25(??):29–32, ??? 1921. CODEN ???? ISSN ????

Born:1921:DMN

- [Bor21b] Max Born. Über einen direkten mechanischen Nachweis des Dipolcharakters von Flüssigkeitsmolekeln. (German) [On direct mechanical dipole character of fluid molecules]. *Verhandlungen der Deutschen Physikalischen Gesellschaft*, 2(??):53, ??? 1921. CODEN VDPEAZ. ISSN 0372-5448.

Born:1921:EGGa

- [Bor21c] Max Born. Über elektrostatische Gitterpotentiale. (German) [On electrostatic lattice potentials]. *Zeitschrift für Physik*, 7(1):124–140, December 1921. CODEN ZEPYAA. ISSN 0939-7922 (print), 1431-5831 (electronic). URL <http://link.springer.com/article/10.1007/BF01332783>.

Born:1921:TKG

- [Bor21d] Max Born. Zur Thermodynamik der Kristallgitter. (German) [Toward a thermodynamics of crystal lattices]. *Zeitschrift für Physik*, 7(1):217–248, December 1921. CODEN ZEPYAA. ISSN 0939-7922 (print), 1431-5831 (electronic). URL <http://link.springer.com/article/10.1007/BF01332792>.

Born:1922:REI

- [Bor22a] Max Born. *Die Relativitätstheorie Einsteins und ihre physikalischen Grundlagen. Elementar dargestellt. (German) [Einstein's Theory of Relativity and its physical basis. Elementary treatment]*. Springer-Verlag, Berlin, Germany / Heidelberg, Germany / London, UK / etc., third edition, 1922. xi + 267 pp. LCCN QC6 .B65.

Born:1922:HPG

- [Bor22b] Max Born. Hilbert und die Physik. (German) [Hilbert and physics]. *Naturwissenschaften*, 10(4):88–93, January 27, 1922. CODEN NATWAY. ISSN 0028-1042 (print), 1432-1904 (electronic).

Born:1922:TRE

- [Bor22c] Max Born. *La teoría de la relatividad de Einstein y sus fundamentos físicos: Exposición elemental. (Spanish) [Einstein's Theory of Relativity and its fundamental physics: elementary introduction]*. Calpe, Madrid, Spain, 1922. 384 pp. LCCN ????

Born:1922:MWG

- [Bor22d] Max Born. Über das Modell der Wasserstoffmolekel. (German) [On the model of the hydrogen molecule]. *Naturwissenschaften*, 10(??):667–678, ????. 1922. CODEN NATWAY. ISSN 0028-1042 (print), 1432-1904 (electronic).

Born:1922:NOA

- [Bor22e] Max Born. Über die natürliche optische Aktivität der Kristalle. (German) [On the natural optical activity of crystals]. *Zeitschrift für Physik*, 8(1):390–417, December 1922. CODEN ZEPYAA. ISSN 0939-7922 (print), 1431-5831 (electronic). URL <http://link.springer.com/article/10.1007/BF01329609>.

Born:1922:TPG

- [Bor22f] Max Born. Über die Temperaturabhängigkeit der Pyroelektrizität. (German) [On the temperature dependence of pyroelectricity]. *Physikalische Zeitschrift*, 23(5):125–128, March 1, 1922. CODEN PHZTAO. ISSN 0369-982X. URL <http://babel.hathitrust.org/cgi/pt?id=mdp.39015086723239%3Bseq=155%3Bview=1up>.

Born:1923:AFZ

- [Bor23a] Max Born. *Atomtheorie des festen Zustandes (Dynamik der Kristallgitter). (German) [Atomic theory of the solid state (dynamics of crystal lattices)]*. Teubner, Stuttgart, Germany; Leipzig, Germany, 1923. ????. pp. LCCN ????

Born:1923:CM

- [Bor23b] Max Born. *The constitution of matter*, volume ?? Methuen and Co. Ltd., London, UK, 1923. ????. pp. LCCN ????

Born:1923:QSGa

- [Bor23c] Max Born. Quantentheorie und Störungsrechnung. (German) [Quantum theory and perturbation calculation]. *Naturwissenschaften*, 11(27):537–542, July 1923. CODEN NATWAY. ISSN 0028-1042 (print), 1432-1904 (electronic).

Born:1923:QSGb

- [Bor23d] Max Born. Quantentheorie und Störungsrechnung. (German) [Quantum theory and perturbation calculation]. *Naturwissenschaften*, 10(??):677–678, ??? 1923. CODEN NATWAY. ISSN 0028-1042 (print), 1432-1904 (electronic).

Born:1924:EIP

- [Bor24a] Max Born. Der Einfluß der Ionendeformation auf physikalische und chemische Konstanten. (German) [The influence of the deformability of ions on optical and chemical constants.]. *Verhandlungen der Deutschen Physikalischen Gesellschaft*, 5(??):8–9, ??? 1924. CODEN VDPEAZ. ISSN 0372-5448.

Born:1924:CBD

- [Bor24b] Max Born. Die chemische Bindung als dynamisches Problem. (German) [The chemical bond as a dynamic problem]. *Naturwissenschaften*, 12(??):1199–1207, ??? 1924. CODEN NATWAY. ISSN 0028-1042 (print), 1432-1904 (electronic).

Born:1924:RRT

- [Bor24c] Max Born. Recherches récentes sur la théorie de l’affinité chimique. (French) [Recent research on the theory of chemical affinity]. *Scientia (Milan)*, 36(??):155–168, ??? 1924. CODEN SCIMAI. ISSN 0036-8687 (print), 1825-4373 (electronic).

Born:1924:AGA

- [Bor24d] Max Born. Über Atomtheorie. (German) [On atomic theory]. *Elektrotech. Z.*, 45(??):889–897, ??? 1924. CODEN ??? ISSN ???

Born:1924:EDC

- [Bor24e] Max Born. Über die elektrische Deutung der chemischen Kräfte. (German) [On the electrical interpretation of chemical forces]. *Zeitschrift für Elektrochemie*, 30(??):382–386, ??? 1924. CODEN ZEELAI. ISSN 0372-8382.

Born:1924:QGQa

- [Bor24f] Max Born. Über Quantenmechanik. (German) [On quantum mechanics]. *Zeitschrift für Physik*, 26(1):379–395, December 1924. CODEN ZEPYAA. ISSN 0939-7922 (print), 1431-5831 (electronic). URL <http://link.springer.com/article/10.1007/BF01327341>. Kemmer and Schlapp [KS71, p. 33] report that this may be the earliest published paper with “quantum mechanics” in its title. English translation in [Bor67c].

Born:1926:PAD

- [Bor26a] M. Born. *Problems of atomic dynamics. I: The structure of the atom (20 lectures). II: The lattice theory of rigid bodies (10 lectures)*. MIT Press, Cambridge, MA, USA, 1926. xiv + 200 pp. URL <http://mitpress.mit.edu/about/history>; <http://mitpress.mit.edu/books/problems-atomic-dynamics>.

Born:1926:AQG

- [Bor26b] Max Born. Das Adiabatenprinzip in der Quantenmechanik. (German) [The adiabatic principle in quantum mechanics]. *Zeitschrift für Physik*, 40(3–4):167–192, March 1926. CODEN ZEPYAA. ISSN 0939-7922 (print), 1431-5831 (electronic). URL <http://link.springer.com/article/10.1007/BF01400360>.

Born:1926:PAS

- [Bor26c] Max Born. *Probleme der Atomdynamik. I. Die Struktur des Atoms. II. Die Gittertheorie des festen Zustandes. (German) [Problems of atomic dynamics. I. The structure of the atom. II. The lattice theory of the solid state]*. Springer-Verlag, Berlin, Germany / Heidelberg, Germany / London, UK / etc., 1926. 180 pp. LCCN ????

Born:1926:QSGb

- [Bor26d] Max Born. Quantenmechanik der Stoßvorgänge. (German) [Quantum mechanics of collision processes]. *Zeitschrift für Physik*, 38(11–12):803–827, November 1926. CODEN ZEPYAA. ISSN 0939-7922 (print), 1431-5831 (electronic). URL <http://link.springer.com/article/10.1007/BF01397184>.

Born:1926:QSGa

- [Bor26e] Max Born. Zur Quantenmechanik der Stoßvorgänge. (German) [Toward a quantum mechanics of collision processes]. *Zeitschrift für Physik*, 37(12):863–867, December 1926. CODEN ZEPYAA.

ISSN 0939-7922 (print), 1431-5831 (electronic). URL <http://link.springer.com/article/10.1007/BF01397477>.

Born:1926:WSG

- [Bor26f] Max Born. Zur Wellenmechanik der Stoßvorgänge. (German) [Toward a wave mechanics of collision processes]. *Nachr. Ges. Wiss. Göttingen*, ??(?):146–160, ??? 1926. CODEN ??? ISSN ???

Born:1927:AKG

- [Bor27a] Max Born. Atomkonstanten und Körpereigenschaften. (German) [Atomic constants and physical properties]. *Z. math. naturw. Unterr.*, 40(?):241–253, ??? 1927. CODEN ??? ISSN ???

Born:1927:PAQ

- [Bor27b] Max Born. Physical aspects of quantum mechanics. *Nature*, 119 (2992):354–357, March 5, 1927. CODEN NATUAS. ISSN 0028-0836 (print), 1476-4687 (electronic). URL <http://www.nature.com/nature/journal/v119/n2992/pdf/119354a0.pdf>.

Born:1927:QSG

- [Bor27c] Max Born. Quantenmechanik und Statistik. (German) [Quantum mechanics and statistics]. *Naturwissenschaften*, 15(?):238–242, ??? 1927. CODEN NATWAY. ISSN 0028-1042 (print), 1432-1904 (electronic).

Born:1928:AL

- [Bor28a] Max Born. Antoon Lorentz. *Nachr. Ges. Wiss. Göttingen*, ??(?):69–73, ??? 1928. CODEN ??? ISSN ???

Born:1928:KAR

- [Bor28b] Max Born. Kongress der Assoziation der russischen Physiker. (German) [Congress of the Association of Russian Physicists]. *Naturwissenschaften*, 16(?):741–743, ??? 1928. CODEN NATWAY. ISSN 0028-1042 (print), 1432-1904 (electronic).

Born:1928:SBS

- [Bor28c] Max Born. Sommerfeld als Begründer einer Schule. (German) [Sommerfeld as founder of a school]. *Naturwissenschaften*, 16(49):1035–1036, December 7, 1928. CODEN NATWAY. ISSN 0028-1042 (print), 1432-1904 (electronic).

Born:1928:SPT

- [Bor28d] Max Born. Über den Sinn der physikalischen Theorien. (German) [On the meaning of physical theories]. *Nachr. Ges. Wiss. Göttingen*, ??(?):51–70, 1928. CODEN ???? ISSN ????

Born:1928:BSV

- [Bor28e] Max Born. Über die Bedeutung der Stoßvorgänge für das Verständnis der Quantenmechanik. (German) [On the importance of collision processes for the understanding of quantum mechanics]. In *Atti Congr. Intern. dei Fisici Como-Pavia-Roma 1927*, volume 2, pages 443–447. 1928.

Born:1928:TRG

- [Bor28f] Max Born. Zur Theorie des Ramaneffektes. (German) [Toward a theory of the Raman effect]. *Naturwissenschaften*, 16(?):673, 1928. CODEN NATWAY. ISSN 0028-1042 (print), 1432-1904 (electronic).

Born:1929:SPT

- [Bor29a] Max Born. Über den Sinn der physikalischen Theorien. (German) [On the meaning of physical theories]. *Naturwissenschaften*, 17(?):109–118, 1929. CODEN NATWAY. ISSN 0028-1042 (print), 1432-1904 (electronic).

Born:1929:QCK

- [Bor29b] Max Born. Zur Quantentheorie der chemischen Kräfte. (German) [Toward a quantum theory of chemical forces]. *Zeitschrift für Physik*, 64(11–12):729–740, September 22, 1929. CODEN ZEPYAA. ISSN 0939-7922 (print), 1431-5831 (electronic). URL <http://link.springer.com/article/10.1007/BF01773002>.

Born:1929:TKGa

- [Bor29c] Max Born. Zur Theorie des Kernzerfalls. (German) [Toward the theory of nuclear disintegration]. *Verhandlungen der Deutschen Physikalischen Gesellschaft*, 10(?):31–32, 1929. CODEN VDPEAZ. ISSN 0372-5448.

Born:1929:TKGb

- [Bor29d] Max Born. Zur Theorie des Kernzerfalls. (German) [Toward the theory of nuclear disintegration]. *Zeitschrift für Physik*, 58(5–6):306–321, May 1929. CODEN ZEPYAA. ISSN 0939-7922

(print), 1431-5831 (electronic). URL <http://link.springer.com/article/10.1007/BF01340382>.

Born:1930:QTC

- [Bor30a] Max Born. The quantum theory of chemical valence. *Nature*, 126 (3171):205, August 9, 1930. CODEN NATUAS. ISSN 0028-0836 (print), 1476-4687 (electronic). URL <http://www.nature.com/nature/journal/v126/n3171/full/126205d0.html>.

Born:1930:QCB

- [Bor30b] Max Born. Zur Quantentheorie der chemischen Bindung. (German) [Toward a quantum theory of chemical bonding]. *Verhandlungen der Deutschen Physikalischen Gesellschaft*, 11(?):34-??, ??? 1930. CODEN VDPEAZ. ISSN 0372-5448.

Born:1931:ATH

- [Bor31a] Max Born. The application of the theory of homopolar valency to polyatomic molecules. In *Chemistry at the Centenary Meeting of the British Association*, pages 249–254. Heffer, Cambridge, UK, 1931. CODEN ???? ISSN ????

Born:1931:CBQ

- [Bor31b] Max Born. Chemische Bindung und Quantenmechanik. (German) [Chemical binding and quantum mechanics]. *Ergebnisse der Exakten Naturwissenschaften*, 10(?):387–444, ??? 1931. CODEN EENAA3. ISSN 0367-0325.

Born:1931:GPC

- [Bor31c] Max Born. Das Grenzgebiet von Physik und Chemie. (German) [The border region of physics and chemistry]. *Umschau*, 35(?):509–511, ??? 1931. CODEN ???? ISSN ????

Born:1931:FJB

- [Bor31d] Max Born. Faraday-Jahrhundertfeier und British Association im London. (German) [Faraday centenary and the British Association London]. *Naturwissenschaften*, 19(?):932–934, ??? 1931. CODEN NATWAY. ISSN 0028-1042 (print), 1432-1904 (electronic).

Born:1931:QPM

- [Bor31e] Max Born. Quelques problèmes de mécanique quantique. (French) [Some problems with quantum mechanics]. *Ann. Inst. Poincaré*, 1 (?):205–263, ??? 1931. CODEN ???? ISSN ????

Born:1931:WCK

- [Bor31f] Max Born. Was sind die chemischen Kräfte?. (German) [What are the chemical forces?]. *Umschau (1897)*, 35(?):532–534, ??? 1931. CODEN UMSCAS. ISSN 0372-4409.

Born:1932:UEA

- [Bor32a] Max Born. Die ultraroten Eigenfrequenzen der Alkalihalogenidkristalle. (German) [The infra-red natural frequencies of alkali halide crystals]. *Zeitschrift für Physik*, 76(7–8):559–560, July 1932. CODEN ZEPYAA. ISSN 0939-7922 (print), 1431-5831 (electronic). URL <http://link.springer.com/article/10.1007/BF01336737>.

Born:1932:BEG

- [Bor32b] Max Born. Eine Bemerkung über den Elektronenradius. (German) [A note on the electron radius]. *Naturwissenschaften*, 20(?):269, ??? 1932. CODEN NATWAY. ISSN 0028-1042 (print), 1432-1904 (electronic).

Born:1932:GUA

- [Bor32c] Max Born. Geometrische und undulatorische Abbildungsfehler der optischen Instrumente. (German) [Geometrical and undulatory aberrations in optical instruments]. *Naturwissenschaften*, 20(?):921–923, ??? 1932. CODEN NATWAY. ISSN 0028-1042 (print), 1432-1904 (electronic).

Born:1932:DUA

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Born:1942:ETV

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Born:1942:TTD

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Born:1943:OLE

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Born:1945:DC

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Born:1945:QTP

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Born:1945:TP

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Born:1946:AP

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Born:1946:BRB

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Born:1946:BRS

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Born:1946:ECD

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Born:1946:RER

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Born:1946:STE

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Born:1946:WPP

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Born:1947:LE

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Born:1947:OPV

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Born:1947:AEU

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Born:1947:BRP

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Born:1947:MTN

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Born:1947:PVM

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Born:1947:RSR

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Born:1948:MKE

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Born:1948:QZH

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Born:1949:L

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Born:1949:FQS

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Born:1949:SPT

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Born:1949:NPC

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Born:1949:RTEb

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Born:1949:SOR

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Born:1949:TTT

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Born:1950:ER

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Born:1950:ERR

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Born:1950:NLF

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Born:1950:PLW

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Born:1950:PHC

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Born:1950:PMJa

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Born:1950:PMJb

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Born:1951:ASa

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Born:1951:ASb

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Born:1951:AP

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Born:1951:BRS

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Born:1951:GTI

- [Bor51e] Max Born. Die Gültigkeitsgrenze der Theorie der idealen Kristalle und ihre Überwindung. (German) [The limits of validity of the theory of ideal crystals, and its surmounting]. In *Festschr. Akad. Wiss. Göttingen 1951, Math.-Phys. Kl.*, pages 1–16. Akad. Wiss. Göttingen, Göttingen, Germany, 1951. CODEN 1951 ISSN 1951

Born:1951:FYP

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Born:1951:KEK

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Born:1951:PLF

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Born:1951:RU

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Born:1951:SS

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Born:1952:SGG

- [Bor52a] Hedwig Born. *Stille Gänge*. (German) [*Silent Corridors*]. Leonard Friedrich Verlag, Bad Pyrmont, West Germany, 1952. 27 pp.

Born:1952:AJW

- [Bor52b] Max Born. Arnold Johannes Wilhelm Sommerfeld. 1868–1951. *Obituary Notices of Fellows of the Royal Society*, 8(21):274–296,

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Born:1952:DNT

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Born:1952:NPV

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Born:1953:AR

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Born:1953:BRB

- [Bor53b] Max Born. Book review: *Philosophic Problems of Nuclear Science. Eight Lectures*, by W. Heisenberg and F. C. Hayes. *The Philosophical Quarterly*, 3(10):88–90, January 1953. CODEN ????? ISSN 0031-8094 (print), 1467-9213 (electronic). URL <http://www.jstor.org/stable/pdfplus/2216712.pdf>.

Born:1953:CSP

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Born:1953:IQM

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Born:1953:OLE

- [Bor53e] Max Born. *Optik: Ein Lehrbuch der elektromagnetischen Lichttheorie. (German) [Optics: a textbook of the electromagnetic theory of light]*. Springer-Verlag, Berlin, Germany / Heidelberg, Germany / London, UK / etc., 1953. vii + 591 pp. LCCN ????

Born:1953:PR

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Born:1953:TBF

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Born:1954:BRB

- [Bor54a] Max Born. Book review: *A History of the Theories of Aether and Electricity. The Modern Theories, 1900–1926*, by Edmund Whittaker. *The British Journal for the Philosophy of Science*, 5(19):261–263, November 1954. CODEN BJPIA5. ISSN 0007-0882 (print), 1464-3537 (electronic). URL <http://bjps.oxfordjournals.org/content/V/19/261.full.pdf+html>; <http://www.jstor.org/stable/685722>. Special issue on The Age of the Universe.

Born:1954:BSP

- [Bor54b] Max Born. Die begriffliche Situation in der Physik. (German) [The conceptual situation in physics]. *Physikalische Blätter*, 10(5):193–201, May 1954. CODEN PHBLAG. ISSN 0031-9279 (print), 1521-3722 (electronic). URL <http://onlinelibrary.wiley.com/doi/10.1002/phbl.19540100501/abstract>.

Born:1954:IFR

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Born:1955:AEL

- [Bor55a] Max Born. Albert Einstein und das Lichtquantum. (German) [Albert Einstein and the quantum of light]. *Naturwissenschaften*, 42 (15):425–431, August 1, 1955. CODEN NATWAY. ISSN 0028-1042 (print), 1432-1904 (electronic).

Born:1955:CDR

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Born:1955:EME

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Born:1955:SDQ

- [Bor55d] Max Born. Die statistische Deutung der Quantenmechanik. (German) [The statistical interpretation of quantum mechanics]. In *Les Prix Nobel en 1954 Stockholm*, pages 79–90. 1955.

Born:1955:EWA

- [Bor55e] Max Born. Entwicklung und Wesen des Atomzeitalters. (German) [Development and nature of the nuclear age]. *Merkur*, ??(??):??, August 1955. CODEN ???? ISSN ????

Born:1955:KMT

- [Bor55f] Max Born. Ist die klassische Mechanik tatsächlich deterministisch?. (German) [Is classical mechanics really deterministic?]. *Physikalische Blätter*, 11(2):49–54, February 1955. CODEN PH-BLAG. ISSN 0031-9279 (print), 1521-3722 (electronic). URL <http://onlinelibrary.wiley.com/doi/10.1002/phbl.19550110201/abstract>.

Born:1955:SIQ

- [Bor55g] Max Born. Statistical interpretation of quantum mechanics. *Science (New Series)*, 122(3172):675–679, October 14, 1955. CODEN SCIEAS. ISSN 0036-8075 (print), 1095-9203 (electronic). URL <http://www.jstor.org/stable/pdfplus/1752079.pdf>.

Born:1955:FDG

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July 1955. CODEN PHBLAG. ISSN 0031-9279 (print), 1521-3722 (electronic). URL <http://onlinelibrary.wiley.com/doi/10.1002/phbl.19550110705/abstract>.

Born:1956:EAE

- [Bor56a] Max Born. Erinnerungen an Albert Einstein. (German) [Memories of Albert Einstein]. *Mathematische und Naturwissenschaftliche Unterricht*, 9(3):97–105, 1956. CODEN MNWUAL. ISSN 0025-5866.

Born:1956:ETP

- [Bor56b] Max Born. *Experiment and theory in physics*. Dover Publications, Inc., New York, NY, USA, 1956. 43 pp. LCCN ????

Born:1956:PMG

- [Bor56c] Max Born. *Physics in My Generation*. Pergamon, New York, NY, USA, 1956. viii + 232 pp. LCCN ????

Born:1956:PRG

- [Bor56d] Max Born. Physik und Relativität. (German) [Physics and Relativity]. *Naturwissenschaftliche Rundschau*, 11(?):417–424, 1956. CODEN NARSAC. ISSN 0028-1050.

Born:1957:EBN

- [Bor57a] Max Born. Europäische Betrachtungen eines Naturforschers. (German) [European reflections of a naturalist]. *Die Sammlung*, 12(?):593–604, 1957. CODEN ????. ISSN ????

Born:1957:MA

- [Bor57b] Max Born. Man and the atom. *Bulletin of the Atomic Scientists*, 13(6):186–194, June 1957. CODEN BASIAP. ISSN 0096-3402 (print), 1938-3282 (electronic). Reprinted in [Bor63-27]. See note in [BR57].

Born:1957:MP

- [Bor57c] Max Born. Max Planck 1858–1947. In Hermann Heimpel, editor, *Die Grossen Deutschen: deutsche Biographie*, page ?? Propylaen-Verlag bei Ullstein, Berlin, Germany, 1957.

Born:1957:MFB

- [Bor57d] Max Born. [My former belief in the superiority of science]. *Bulletin of the Atomic Scientists*, 13(1):31, January 1957. CODEN BASIAP. ISSN 0096-3402 (print), 1938-3282 (electronic).

Born:1957:PIW

- [Bor57e] Max Born. *Physik im Wandel meiner Zeit. (German) [Physics in Flux in My Time]*, volume 111 of *Die Wissenschaft*. Friedrich Vieweg und Sohn, Braunschweig, Germany, 1957. vii + 252 pp. LCCN QC71.

Born:1958:CRP

- [Bor58a] Max Born. The concept of reality in physics. *Bulletin of the Atomic Scientists*, 14(8):313–321, October 1958. CODEN BASIAP. ISSN 0096-3402 (print), 1938-3282 (electronic).

Born:1958:RPG

- [Bor58b] Max Born. Der Realitätsbegriff in der Physik. (German) [The concept of reality in physics]. *Die Sammlung*, 346(??):13–??, ????. 1958. CODEN ????? ISSN ?????

Born:1958:BRU

- [Bor58c] Max Born. Ein Besuch bei den Raumfahrern und das Uhrenparadoxon. (German) [A visit with astronauts and the clock paradox]. *Physikalische Blätter*, 14(5):207–212, May 1958. CODEN PH-BLAG. ISSN 0031-9279 (print), 1521-3722 (electronic). URL <http://onlineibrary.wiley.com/doi/10.1002/phb1.19580140503/abstract>.

Born:1958:ES

- [Bor58d] Max Born. Europe and science. *Bulletin of the Atomic Scientists*, 14(2):73–79, February 1958. CODEN BASIAP. ISSN 0096-3402 (print), 1938-3282 (electronic).

Born:1958:PIW

- [Bor58e] Max Born. *Physik im Wandel meiner Zeit. (German) [Physics in Flux in My Time]*, volume 111 of *Die Wissenschaft*. Friedrich Vieweg und Sohn, Braunschweig, Germany, second edition, 1958. vii + 252 pp. LCCN ?????

Born:1958:RCS

- [Bor58f] Max Born. Reader's comment: Space flight for what? *Bulletin of the Atomic Scientists*, 14(6):234, June 1958. CODEN BASIAP. ISSN 0096-3402 (print), 1938-3282 (electronic).

Born:1958:SFS

- [Bor58g] Max Born. Sir Francis Simon, F.R.S. *Z. phys. Chem*, 16(??):ix–xvii, ????. 1958. CODEN ????? ISSN ?????

Born:1958:VKM

- [Bor58h] Max Born. Vorhersagbarkeit in der klassischen Mechanik. (German) [Predictability in classical mechanics]. *Zeitschrift für Physik*, 153(3):372–388, June 1958. CODEN ZEPYAA. ISSN 0939-7922 (print), 1431-5831 (electronic). URL <http://link.springer.com/article/10.1007/BF01329043>.

Born:1959:QMM

- [Bor59a] Max Born. Dans quelle mesure la mécanique classique peut-elle prédire les trajectoires?. (French) [To what extent can classical mechanics predict trajectories?]. *Journal de Physique et le Radium*, 20(1):43–50, 1959. CODEN JPRAAJ. ISSN 0368-3842.

Born:1959:EHM

- [Bor59b] Max Born. Erinnerungen an Hermann Minkowski zur 50. Wiederkehr seines Todestages. (German) [Memories of Hermann Minkowski on the 50th anniversary of his death]. *Naturwissenschaften*, 46(17):501–505, September 1, 1959. CODEN NATWAY. ISSN 0028-1042 (print), 1432-1904 (electronic).

Born:1959:EMV

- [Bor59c] Max Born. Erinnerungen an Max v. Laues Entdeckung der Beugung von Röntgenstrahlen durch Kristalle. (German) [Memories of Max von Laue's discovery of the diffraction of X-rays by crystals]. *Zeitschrift für Kristallographie*, 112(??):1–??, 1959. CODEN ZEKRDZ. ISSN 0044-2968.

Born:1959:PIW

- [Bor59d] Max Born. *Physik im Wandel meiner Zeit. (German) [Physics in Flux in My Time]*, volume 111 of *Die Wissenschaft*. Friedrich Vieweg und Sohn, Braunschweig, Germany, third edition, 1959. vii + 252 pp. LCCN ????

Born:1959:VKM

- [Bor59e] Max Born. Voraussagbarkeit in der klassischen Mechanik. (German) [Predictability in classical mechanics]. *Physikalische Blätter*, 15(8):342–349, August 1959. CODEN PHBLAG. ISSN 0031-9279 (print), 1521-3722 (electronic). URL <http://onlinelibrary.wiley.com/doi/10.1002/phbl.19590150802/abstract>.

Born:1960:PIG

- [Bor60a] Max Born. Die Physik und die Ismen. (German) [Physics and isms]. *Physikalische Blätter*, 16(4):147–148, April 1960.

CODEN PHBLAG. ISSN 0031-9279 (print), 1521-3722 (electronic). URL <http://onlinelibrary.wiley.com/doi/10.1002/phbl.19600160402/abstract>.

Born:1960:LMI

- [Bor60b] Max Born. *L'universo in movimento. (Italian) [The restless universe]*. G. Feltrinelli, Milano, Italy, 1960. 244 pp. LCCN ????

Born:1960:MA

- [Bor60c] Max Born. *Mechanics of the atom*. F. Ungar Publishing Co., London, UK, 1960. xvi + 317 pp. LCCN ????

Born:1960:PP

- [Bor60d] Max Born. Physics and politics. *Bulletin of the Atomic Scientists*, 16(6):194–200, June 1960. CODEN BASIAP. ISSN 0096-3402 (print), 1938-3282 (electronic).

Born:1960:PPG

- [Bor60e] Max Born. *Physik und Politik. (German) [Physics and politics]*. Vandenhoeck & Ruprecht, Göttingen, West Germany, 1960. ???? pp. LCCN ????

Born:1961:BSD

- [Bor61a] Max Born. Bemerkungen zur statistischen Deutung der Quantenmechanik. (German) [Remarks on the statistical interpretation of quantum mechanics]. In *W. Heisenberg und die Physik unserer Zeit. (German) [W. Heisenberg and the physics of our time]*, pages 103–118. Friedrich Vieweg und Sohn, Braunschweig, Germany, 1961.

Born:1961:FNT

- [Bor61b] Max Born. *La fisica e il nostro tempo. (Italian) [Physics and Our Time]*. Sansoni, Firenze, Italy, 1961. 401 + 16 pp. LCCN ????

Born:1961:MAL

- [Bor61c] Max Born. More about Lorentz transformation equations. *The British Journal for the Philosophy of Science*, 12(46):150–151, August 1961. CODEN BJPIA5. ISSN 0007-0882 (print), 1464-3537 (electronic). URL <http://bjps.oxfordjournals.org/content/XII/46/150.full.pdf+html>; <http://www.jstor.org/stable/685494>; <http://www.jstor.org/stable/pdfplus/685494.pdf>.

Born:1962:PPU

- [Bor62a] Max Born. Die Physik in der Problematik unseres Zeitalters. (German) [The physics of the problem of our age]. *Universitas: Zeitschrift für interdisziplinäre Wissenschaft*, 17(?):??, ??? 1962. CODEN UNIVA8. ISSN 0041-9079.

Born:1962:ETR

- [Bor62b] Max Born. *Einstein's Theory of Relativity*. Dover Publications, Inc., New York, NY, USA, 1962. vii + 376 pp. LCCN QC6 .B66 1962. With the collaboration of Günther Leibfried and Walter Biem.

Born:1962:JF

- [Bor62c] Max Born. Jacob Frenkel. *Soviet Physics. Uspekhi*, 5(?):194-??, ??? 1962. CODEN SOPUAP. ISSN 0038-5670.

Born:1962:PPa

- [Bor62d] Max Born. *Physics and politics*. Oliver and Boyd, Edinburgh, UK; London, UK, 1962. ??? pp. LCCN ???

Born:1962:PPb

- [Bor62e] Max Born. *Physics and politics*. Basic Books, New York, NY, USA, 1962. vii + 86 pp. LCCN QC71 .B6653.

Born:1962:TPW

- [Bor62f] Max Born. Translation of a poem by Wilhelm Busch. *Edinburgh University Journal*, ??(?):??, Spring 1962. CODEN ??? ISSN ???

Born:1963:ALG

- [Bor63a] Max Born. Antoon Lorentz. In *Ausgewählte Abhandlungen. (German) [Selected works]* [Bor63d], chapter 81, pages 607–611. LCCN ??? Reprinted from *Nachr. Ges. Wiss. Göttingen* **1928**, 69–73.

Born:1963:AJW

- [Bor63b] Max Born. Arnold Johannes Wilhelm Sommerfeld 1868–1951. In *Ausgewählte Abhandlungen. (German) [Selected works]* [Bor63d], chapter 89, pages 647–659. LCCN ??? Reprinted from *Obit. Notices Roy. Soc.* **8**, 275–287 (1952).

Born:1963:AAGa

- [Bor63c] Max Born. *Ausgewählte Abhandlungen. (German) [Selected works]*, volume 1. Vandenhoeck & Ruprecht, Göttingen, West Germany,

1963. xxiv + 718 pp. LCCN ????. Mit einem Verzeichnis der wissenschaftlichen Schriften (German) [With a table of contents of scientific writings].

Born:1963:AAGb

[Bor63d] Max Born. *Ausgewählte Abhandlungen. (German) [Selected works]*, volume 2. Vandenhoeck & Ruprecht, Göttingen, West Germany, 1963. viii + 706 pp. LCCN ????. Mit einem Verzeichnis der wissenschaftlichen Schriften (German) [With a table of contents of scientific writings].

Born:1963:BSD

[Bor63e] Max Born. Bemerkungen zur statistischen Deutung der Quantenmechanik. (German) [Comments on the statistical interpretation of quantum mechanics]. In *Ausgewählte Abhandlungen. (German) [Selected works]* [Bor63d], chapter 70, pages 454–468. LCCN ????. Reprinted from Werner Heisenberg und die Physik unserer Zeit. Vieweg, Braunschweig 1961, pp. 103–118.

Born:1963:BTS

[Bor63f] Max Born. Berichtigung: Die Theorie des starren Elektrons in der Kinematik des Relativitätsprinzips. (German) [Correction: Theory of the rigid electron in the kinematics of the Principle of Relativity]. In *Ausgewählte Abhandlungen. (German) [Selected works]* [Bor63c], chapter 2, page 160. LCCN ????. See [Bor63n]. Reprinted from Ann. Physik (4), **30**, 840 (1909).

Born:1963:BFG

[Bor63g] Max Born. Betrachtungen zur Farbenlehre. (German) [Considerations of color theory]. *Naturwissenschaften*, 50(??):29–39, ????. 1963. CODEN NATWAY. ISSN 0028-1042 (print), 1432-1904 (electronic).

Born:1963:CDR

[Bor63h] Max Born. Continuity, determinism and reality. In *Ausgewählte Abhandlungen. (German) [Selected works]* [Bor63c], chapter 6, pages 196–219. LCCN ????. Reprinted from Dan. Mat. Fys. Medd. **80**, No. 2 (1955), 26 S..

Born:1963:CSC

[Bor63i] Max Born. Corrigenda: On the Stability of Crystal Lattices IX. In *Ausgewählte Abhandlungen. (German) [Selected works]* [Bor63c],

chapter 34, pages 581–582. LCCN ????. See [Bor63-32]. Reprinted from Proc. Camb. Phil. Soc. **40**, 262–263 (1944).

Born:1963:AQG

- [Bor63j] Max Born. Das Adiabatenprinzip in der Quantenmechanik. (German) [Adiabatic principle in quantum mechanics]. In *Ausgewählte Abhandlungen. (German) [Selected works]* [Bor63d], chapter 58, pages 258–283. LCCN ????. Reprinted from Z. Physik **40**, 167–192 (1926).

Born:1963:IES

- [Bor63k] Max Born. Der Impuls-Energie-Satz in der Elektrodynamik von Gustav Mie. (German) [The pulse-energy theorem in Gustav Mie's electrodynamics]. In *Ausgewählte Abhandlungen. (German) [Selected works]* [Bor63d], chapter 71, pages 470–483. LCCN ????. Reprinted from Nachr. Ges. Wiss. Göttingen **1914**, 23–37.

Born:1963:EHG

- [Bor63l] Max Born. Die Elektronenaffinität der Halogenatome. (German) [The electron affinity of halogen atoms]. In *Ausgewählte Abhandlungen. (German) [Selected works]* [Bor63c], chapter 19, pages 375–382. LCCN ????. Reprinted from Verh. Dtsch. Physik. Ges. **21**, 679–685 (1919).

Born:1963:SDQ

- [Bor63m] Max Born. Die statistische Deutung der Quantenmechanik. (German) [The statistical interpretation of quantum mechanics]. In *Ausgewählte Abhandlungen. (German) [Selected works]* [Bor63d], chapter 68, pages 430–441. LCCN ????. Reprinted from Nobelvortrag, gehalten am 11. Dezember 1954, Les Prix Nobel en 1954, Stockholm 1955, pp. 79–90.

Born:1963:TSE

- [Bor63n] Max Born. Die Theorie des starren Elektrons in der Kinematik des Relativitätsprinzips. (German) [The theory of the rigid electron in the kinematics of the Principle of Relativity]. In *Ausgewählte Abhandlungen. (German) [Selected works]* [Bor63c], chapter 2, pages 105–159. LCCN ????. See correction [Bor63f]. Reprinted from Ann. Physik (4), **30**, 1–56 (1909).

Born:1963:UEA

- [Bor63o] Max Born. Die ultraroten Eigenfrequenzen der Alkalihalogenidkristalle. (German) [The infra-red natural frequencies of alkali

halide crystals]. In *Ausgewählte Abhandlungen. (German) [Selected works]* [Bor63c], chapter 30, pages 527–528. LCCN ????. Reprinted from *Z. Physik* **76**, 559–560 (1932).

Born:1963:DAB

[Bor63p] Max Born. Dr. Arnold Berliner. In *Ausgewählte Abhandlungen. (German) [Selected works]* [Bor63d], chapter 84, page 620. LCCN ????. Reprinted from *Nature* **150**, 284 (1942).

Born:1963:BEG

[Bor63q] Max Born. Eine Bemerkung über den Elektronenradius. (German) [A note on the electron radius]. In *Ausgewählte Abhandlungen. (German) [Selected works]* [Bor63d], chapter 72, pages 484–485. LCCN ????. Reprinted from *Naturwiss.* **20**, 269 (1932).

Born:1963:DMF

[Bor63r] Max Born. Eine direkte Messung der freien Weglänge neutraler Atome. (German) [A direct measurement of the free path of neutral atoms]. In *Ausgewählte Abhandlungen. (German) [Selected works]* [Bor63c], chapter 43, pages 694–697. LCCN ????. Reprinted from *Physik. Zschr.* **21**, 578–581 (1920).

Born:1963:TAG

[Bor63s] Max Born. Eine thermochemische Anwendung der Gittertheorie. (German) [A thermochemical application of lattice theory]. In *Ausgewählte Abhandlungen. (German) [Selected works]* [Bor63c], chapter 18, pages 363–374. LCCN ????. Reprinted from *Verh. Dtsch. Physik. Ges.* **21**, 13–24 (1919).

Born:1963:ECD

[Bor63t] Max Born. Elastic constants of diamond. In *Ausgewählte Abhandlungen. (German) [Selected works]* [Bor63c], chapter 38, pages 634–635. LCCN ????. Reprinted from *Nature* **157**, 582 (1946).

Born:1963:EAE

[Bor63u] Max Born. Erinnerungen an Albert Einstein. (German) [Memories of Albert Einstein]. In *Ausgewählte Abhandlungen. (German) [Selected works]* [Bor63d], chapter 90, pages 660–668. LCCN ????. Reprinted from *Der Mathematische und Naturwissenschaftliche Unterricht* **IX** 97–105 (1956).

Born:1963:EHM

- [Bor63v] Max Born. Erinnerungen an Hermann Minkowski zur 50. Wiederkehr seines Todestages. (German) [Memories of Hermann Minkowski on the 50th anniversary of his death]. In *Ausgewählte Abhandlungen. (German) [Selected works]* [Bor63d], chapter 92, pages 678–690. LCCN ????. Reprinted from *Naturwiss.* **46**, 501–505 (1959).

Born:1963:ES

- [Bor63w] Max Born. Erwin Schrödinger. In *Ausgewählte Abhandlungen. (German) [Selected works]* [Bor63d], chapter 93, pages 691–694. LCCN ????. Reprinted from *Physik. Bl.* **17**, 85–87 (1961).

Born:1963:HPG

- [Bor63x] Max Born. Hilbert und die Physik. (German) [Hilbert and physics]. In *Ausgewählte Abhandlungen. (German) [Selected works]* [Bor63d], chapter 78, pages 584–598. LCCN ????. Reprinted from *Naturwiss.* **10**, 88–93 (1922).

Born:1963:KEK

- [Bor63y] Max Born. Kopplung der Elektronen- und Kernbewegung in Molekeln und Kristallen. (German) [Coupling of electron and nuclear motion in molecules and crystals]. In *Ausgewählte Abhandlungen. (German) [Selected works]* [Bor63c], chapter 40, pages 654–655. LCCN ????. Reprinted from *Nachr. Akad. Wiss. Göttingen*, **1951**, Nr. 6.

Born:1963:KBT

- [Bor63z] Max Born. Kritische Betrachtungen zur traditionellen Darstellung der Thermodynamik. (German) [Critical considerations on the traditional representation of thermodynamics]. In *Ausgewählte Abhandlungen. (German) [Selected works]* [Bor63c], chapter 3, pages 161–176. LCCN ????. Reprinted from *Physik. Zschr.* **22**, 218–224, 249–254, 282–286 (1921).

Born:1963:MAa

- [Bor63-27] Max Born. Man and the atom. In Grodzins and Rabinowitch [GR63], pages 590–601. LCCN D842 .B78. Reprint of [Bor57b].

Born:1963:MKE

- [Bor63-28] Max Born. Max Karl Ernst Ludwig Planck 1858–1947. In *Ausgewählte Abhandlungen. (German) [Selected works]* [Bor63d], chap-

ter 88, pages 626–646. LCCN ????. Reprinted from *Obit. Notices Roy. Soc.* **6**, 161–181 (1948).

Born:1963:QTP

- [Bor63-29] Max Born. On the quantum theory of pyroelectricity. In *Ausgewählte Abhandlungen. (German) [Selected works]* [Bor63c], chapter 37, pages 627–633. LCCN ????. Reprinted from *Rev. Mod. Physics* **17**, 245–251 (1945).

Born:1963:QTE

- [Bor63-30] Max Born. On the quantum theory of the electromagnetic field. In *Ausgewählte Abhandlungen. (German) [Selected works]* [Bor63d], chapter 73, pages 486–513. LCCN ????. Reprinted from *Proc. Roy. Soc. A* **143**, 410–437 (1934).

Born:1963:SCLa

- [Bor63-31] Max Born. On the stability of crystal lattices I. In *Ausgewählte Abhandlungen. (German) [Selected works]* [Bor63c], chapter 33, pages 550–562. LCCN ????. Reprinted from *Proc. Camb. Phil. Soc.* **36**, 160–172 (1940).

Born:1963:SCLb

- [Bor63-32] Max Born. On the stability of crystal lattices IX. In *Ausgewählte Abhandlungen. (German) [Selected works]* [Bor63c], chapter 34, pages 563–580. LCCN ????. See [Bor63i]. Reprinted from *Proc. Camb. Phil. Soc.* **38**, 82–99 (1942).

Born:1963:POT

- [Bor63-33] Max Born. Prof. Otto Toeplitz. In *Ausgewählte Abhandlungen. (German) [Selected works]* [Bor63d], chapter 82, pages 612–613. LCCN ????. Reprinted from *Nature* **145**, 617 (1940).

Born:1963:PHR

- [Bor63-34] Max Born. Professor Heinrich Rausch von Traubenberg. In *Ausgewählte Abhandlungen. (German) [Selected works]* [Bor63d], chapter 86, pages 623–624. LCCN ????. Reprinted from *Nature* **157**, 328 (1946).

Born:1963:PVM

- [Bor63-35] Max Born. Professor V. M. Goldschmidt, For.Mem.R.S. In *Ausgewählte Abhandlungen. (German) [Selected works]* [Bor63d], chapter 87, page 625. LCCN ????. Reprinted from *Nature* **159**, 701 (1947).

Born:1963:QSVb

- [Bor63-36] Max Born. Quantenmechanik der Stoßvorgänge. (German) [quantum mechanics of collision processes]. In *Ausgewählte Abhandlungen. (German) [Selected works]* [Bor63d], chapter 57, pages 233–257. LCCN ????. Reprinted from *Z. Physik* / **38**, 803–827 (1926).

Born:1963:QSG

- [Bor63-37] Max Born. Quantenmechanik und Statistik. (German) [Quantum mechanics and statistics]. In *Ausgewählte Abhandlungen. (German) [Selected works]* [Bor63d], chapter 60, pages 299–309. LCCN ????. Reprinted from *Naturwiss.* **15**, 238–242 (1927).

Born:1963:RNP

- [Bor63-38] Max Born. Reciprocity and the number 137, Part I. In *Ausgewählte Abhandlungen. (German) [Selected works]* [Bor63d], chapter 77, pages 579–582. LCCN ????. Reprinted from *Proc. Roy. Soc. Edinb.* **59**, 219–223 (1939).

Born:1963:SFS

- [Bor63-39] Max Born. Sir Francis Simon, F.R.S. In *Ausgewählte Abhandlungen. (German) [Selected works]* [Bor63d], chapter 91, pages 669–677. LCCN ????. Reprinted from *Z. physik. Chemie N.F.* **16**, Simon-Gedenkheft, pp. ix–xvii (1958).

Born:1963:SJJ

- [Bor63-40] Max Born. Sir J. J. Thomson, O.M., F.R.S. In *Ausgewählte Abhandlungen. (German) [Selected works]* [Bor63d], chapter 83, pages 614–619. LCCN ????. Reprinted from *Proc. Physic. Soc. Lond.* **53**, 305–310 (1941).

Born:1963:SBS

- [Bor63-41] Max Born. Sommerfeld als Begründer einer Schule. (German) [Sommerfeld as the founder of a school]. In *Ausgewählte Abhandlungen. (German) [Selected works]* [Bor63d], chapter 80, pages 604–606. LCCN ????. Reprinted from *Naturwiss.* **16**, 1035–1036 (1928).

Born:1963:STR

- [Bor63-42] Max Born. Special Theory of Relativity. *Nature*, 197(4874):1287, March 30, 1963. CODEN NATUAS. ISSN 0028-0836 (print), 1476-4687 (electronic). URL <http://www.nature.com/nature/journal/v197/n4874/pdf/1971287a0.pdf>.

Born:1963:SEL

- [Bor63-43] Max Born. Stabilität der elastischen Linie in Ebene und Raum. (German) [Stability of the elastic line in the plane and space]. In *Ausgewählte Abhandlungen. (German) [Selected works]* [Bor63c], chapter 1, pages 1–104. LCCN ????. Reprinted from Preisschrift und Dissertation, Göttingen, Dieterichsche Universitäts Buchdruckerei Göttingen, 1906.

Born:1963:SMC

- [Bor63-44] Max Born. The statistical mechanics of condensing systems. In *Ausgewählte Abhandlungen. (German) [Selected works]* [Bor63c], chapter 45, pages 699–709. LCCN ????. Reprinted from *Physica* **4**, 1034–1044 (1937).

Born:1963:SUQ

- [Bor63-45] Max Born. A suggestion for unifying quantum theory and relativity. In *Ausgewählte Abhandlungen. (German) [Selected works]* [Bor63d], chapter 76, pages 560–578. LCCN ????. Reprinted from *Proc. Roy. Soc. A* **165**, 291–303 (1938).

Born:1963:TIR

- [Bor63-46] Max Born. Theoretical investigations on the relation between crystal dynamics and X-ray scattering. In *Ausgewählte Abhandlungen. (German) [Selected works]* [Bor63c], chapter 36, pages 587–626. LCCN ????. Reprinted from *Rep. Progr. Physics* **9**, 294–333 (1943).

Born:1963:TCL

- [Bor63-47] Max Born. The thermodynamics of crystal lattices. I. Discussion of the methods of calculation. In *Ausgewählte Abhandlungen. (German) [Selected works]* [Bor63c], chapter 35, pages 583–586. LCCN ????. Reprinted from *Proc. Camb. Phil. Soc.* **39**, 100–103 (1943).

Born:1963:TCM

- [Bor63-48] Max Born. Thermodynamics of crystals and melting. In *Ausgewählte Abhandlungen. (German) [Selected works]* [Bor63c], chapter 32, pages 537–549. LCCN ????. Reprinted from *J. Chem. Physics* **7**, 591–603 (1939).

Born:1963:BEI

- [Bor63-49] Max Born. Über die Beweglichkeit der elektrolytischen Ionen. (German) [On mobility of electrolytic ions]. In *Ausgewählte Abhandlungen*

gen. (German) [Selected works] [Bor63c], chapter 42, pages 665–693. LCCN ????. Reprinted from *Z. Physik* **1**, 221–249 (1920).

Born:1963:MBZ

- [Bor63-50] Max Born. Über die Maxwellsche Beziehung zwischen Brechungsindex und Dielektrizitätskonstante und über eine Methode zur Bestimmung der Ionenladung von Kristallen. (German) [On the Maxwellian relationship between refractive index and dielectric constant and on a method for determining the ionic charge of crystals]. In *Ausgewählte Abhandlungen. (German) [Selected works]* [Bor63c], chapter 13, pages 307–316. LCCN ????. Reprinted from *S. B. Preuß. Akad. Wiss. Berlin* **1918**, 604–613.

Born:1963:NOA

- [Bor63-51] Max Born. Über die natürliche optische Aktivität von Flüssigkeiten und Gasen. (German) [On the natural optical activity of liquids and gases]. In *Ausgewählte Abhandlungen. (German) [Selected works]* [Bor63c], chapter 41, pages 657–664. LCCN ????. Reprinted from *Physik. Zschr.* **16**, 251–258 (1915).

Born:1963:OAK

- [Bor63-52] Max Born. Über die optische Aktivität der Kristalle. (German) [On the optical activity of crystals]. In *Ausgewählte Abhandlungen. (German) [Selected works]* [Bor63c], chapter 12, pages 294–306. LCCN ????. Reprinted from *Elster-Geitel-Festschrift*, Vieweg, Braunschweig **1915**, S. 391–403.

Born:1963:UEZ

- [Bor63-53] Max Born. Über die ultraroten Eigenschwingungen zweiatomiger Kristalle. (German) [On the infra-red natural frequencies of diatomic crystals]. In *Ausgewählte Abhandlungen. (German) [Selected works]* [Bor63c], chapter 14, pages 317–326. LCCN ????. Reprinted from *Physik. Zschr.* **19**, 539–548 (1918).

Born:1963:DMN

- [Bor63-54] Max Born. Über einen direkten mechanischen Nachweis des Dipolcharakters von Flüssigkeitsmolekeln. (German) [On a direct mechanical proof of the dipole character of liquid molecules]. In *Ausgewählte Abhandlungen. (German) [Selected works]* [Bor63c], chapter 44, page 698. LCCN ????. Reprinted from *Verh. Dtsch. Physik. Ges.* **2**, 53 (1921).

Born:1963:EGG

- [Bor63-55] Max Born. Über elektrostatische Gitterpotentiale. (German) [On electrostatic lattice potentials]. In *Ausgewählte Abhandlungen. (German) [Selected works]* [Bor63c], chapter 26, pages 434–450. LCCN ????. Reprinted from *Z.Physik* **7**, 124–140 (1921).

Born:1963:QGQa

- [Bor63-56] Max Born. Über Quantenmechanik. (German) [On quantum mechanics]. In *Ausgewählte Abhandlungen. (German) [Selected works]* [Bor63d], chapter 50, pages 61–77. LCCN ????. Reprinted from *Z. Physik* **26**, 379–395 (1924).

Born:1963:VWS

- [Bor63-57] Max Born. Verzeichnis der wissenschaftlichen Schriften von Max Born. (German) [List of scientific writings of Max Born]. In *Ausgewählte Abhandlungen. (German) [Selected works]* [Bor63d], pages 695–?? LCCN ????. Mit einem Verzeichnis der wissenschaftlichen Schriften (German) [With a table of contents of scientific writings].

Born:1963:WBN

- [Bor63-58] Max Born. Was bleibt noch zu hoffen?. (German) [What's left to hope for?]. *Universitas: Zeitschrift für interdisziplinäre Wissenschaft*, 18(4):337–346, ????. 1963. CODEN UNIVA8. ISSN 0041-9079.

Born:1963:QSVa

- [Bor63-59] Max Born. Zur Quantenmechanik der Stoßvorgänge. (German). [Toward a quantum mechanics of collision processes]. In *Ausgewählte Abhandlungen. (German) [Selected works]* [Bor63d], chapter 56, pages 228–232. LCCN ????. Reprinted from *Z. Physik* **37**, 863–867 (1926).

Born:1963:QCK

- [Bor63-60] Max Born. Zur Quantentheorie der chemischen Kräfte. (German) [Toward the quantum theory of chemical forces]. In *Ausgewählte Abhandlungen. (German) [Selected works]* [Bor63d], chapter 64, pages 370–781. LCCN ????. Reprinted from *Z. Physik* **64**, 729–740 (1930).

Born:1963:RDG

- [Bor63-61] Max Born. Zur Raumgittertheorie des Diamanten. (German) [Toward the space lattice theory of diamond]. In *Ausgewählte Ab-*

handlungen. (German) [Selected works] [Bor63c], chapter 11, pages 256–293. LCCN ???? Reprinted from *Ann. Physik* (4) **44**, 605–642 (1914).

Born:1963:TKGb

- [Bor63-62] Max Born. Zur Theorie des Kernzerfalls. (German) [Toward the theory of nuclear disintegration]. In *Ausgewählte Abhandlungen. (German) [Selected works]* [Bor63d], chapter 63, pages 354–369. LCCN ???? Reprinted from *Z. Physik* **58**, 306–321 (1929).

Born:1963:TKGa

- [Bor63-63] Max Born. Zur Thermodynamik der Kristallgitter. (German) [Toward a thermodynamics of crystal lattices]. In *Ausgewählte Abhandlungen. (German) [Selected works]* [Bor63c], chapter 27, pages 451–482. LCCN ???? Reprinted from *Z. Physik* **7**, 217–248 (1921).

Born:1963:WSV

- [Bor63-64] Max Born. Zur Wellenmechanik der Stoßvorgänge. (German) [Toward a wave mechanics of collision processes]. In *Ausgewählte Abhandlungen. (German) [Selected works]* [Bor63d], chapter 59, pages 284–298. LCCN ???? Reprinted from *Nachr. Ges. Wiss. Göttingen* **1926**, 146–160.

Born:1964:MA

- [Bor64a] Max Born. Der Mensch und das Atom. (German) [Man and the atom]. In *Die Friedensrundschau (Hamburg). (German) [The peace review (Hamburg)]*, pages 16–23. ???? , ???? , 1964.

Born:1964:REG

- [Bor64b] Max Born. *Die Relativitätstheorie Einsteins. (German) [Einstein's Theory of Relativity]*. Springer-Verlag, Berlin, Germany / Heidelberg, Germany / London, UK / etc., fourth edition, 1964. xi + 328 pp. LCCN QC6 .B65 1964. With the collaboration of Walter Biem.

Born:1964:MMB

- [Bor64c] Max Born. Message from Max Born. *Reviews of Modern Physics*, 36(2):509, April 1964. CODEN RMPHAT. ISSN 0034-6861 (print), 1538-4527 (electronic), 1539-0756. URL http://rmp.aps.org/abstract/RMP/v36/i2/p509_1. Open letter to Robert Oppenheimer.

Born:1964:RMW

- [Bor64d] Max Born. Reminiscences of my work on the dynamics of crystal lattices. In *Proceedings of the International Conference Lattice Dynamics at Copenhagen*, page ?? Pergamon, New York, NY, USA, 1964.

Born:1964:SW

- [Bor64e] Max Born. Symbol und Wirklichkeit. (German) [Symbol and reality]. *Physik Journal*, 20(12):554–555, December 1964. CODEN PJHOB2. ISSN 1617-9439 (print), 1619-6597 (electronic).

Born:1964:SWG

- [Bor64f] Max Born. Symbol und Wirklichkeit. (German) [Symbol and reality]. *Universitas: Zeitschrift für interdisziplinäre Wissenschaft*, 19(8):817–834, ??? 1964. CODEN UNIVA8. ISSN 0041-9079.

Born:1964:WLH

- [Bor64g] Max Born. What is left for hope for? *Bulletin of the Atomic Scientists*, 20(4):2–5, April 1964. CODEN BASIAP. ISSN 0096-3402 (print), 1938-3282 (electronic).

Born:1965:ETR

- [Bor65a] Max Born. *Einstein's theory of relativity*. Dover Publications, Inc., New York, NY, USA, revised edition, 1965. ISBN 0-486-60769-0. vii + 376 pp. LCCN QC6 .B653 1965. URL <http://www.loc.gov/catdir/description/dover032/65001214.html>; <http://www.loc.gov/catdir/enhancements/fy1318/65001214-t.html>. Prepared with the collaboration of Günther Leibfried and Walter Biem.

Born:1965:EEG

- [Bor65b] Max Born. Erinnerungen an Einstein. (German) [Memories of Einstein]. *Physikalische Blätter*, 21(7):297–306, July 1965. CODEN PHBLAG. ISSN 0031-9279 (print), 1521-3722 (electronic). URL <http://onlinelibrary.wiley.com/doi/10.1002/phbl.19650210701/abstract>.

Born:1965:FAP

- [Bor65c] Max Born. *Física Atómica. (Portuguese) [Atomic Physics]*. Fundação Calouste Gulbenkian, Lisboa, Portugal, 1965. 513 pp. LCCN ????

Born:1965:OLE

- [Bor65d] Max Born. *Optik: Ein Lehrbuch der elektromagnetischen Lichttheorie. (German) [Optics: a textbook of the electromagnetic theory of light]*. Springer-Verlag, Berlin, Germany / Heidelberg, Germany / London, UK / etc., second edition, 1965. viii + 591 pp. LCCN ????

Born:1965:RTE

- [Bor65e] Max Born. Reciprocity theory of elementary particles. *Progress of Theoretical Physics (Osaka)*, ??(??):31–55, ??? 1965. CODEN ???? ISSN ???? Supplementary Number.

Born:1965:RMBa

- [Bor65f] Max Born. Recollections of Max Born. I. How I became a physicist. *Bulletin of the Atomic Scientists*, 21(7):3–6, September 1965. CODEN BASIAP. ISSN 0096-3402 (print), 1938-3282 (electronic).

Born:1965:RMBb

- [Bor65g] Max Born. Recollections of Max Born. II. What i did as a physicist. *Bulletin of the Atomic Scientists*, 21(8):9–13, October 1965. CODEN BASIAP. ISSN 0096-3402 (print), 1938-3282 (electronic).

Born:1965:RMBc

- [Bor65h] Max Born. Recollections of Max Born. III. Reflections. *Bulletin of the Atomic Scientists*, 21(9):3–6, November 1965. CODEN BASIAP. ISSN 0096-3402 (print), 1938-3282 (electronic). See comment [Wil67].

Born:1965:SWV

- [Bor65i] Max Born. Symbol und Wirklichkeit I: Ein Versuch, auf naturwissenschaftliche Weise zu philosophieren — nicht eine Philosophie der Naturwissenschaften. (German) [Symbol and reality I: An attempt to philosophize in a scientific manner not a philosophy of science]. *Physik Journal*, 21(2):53–63, February 1965.

Born:1965:SWI

- [Bor65j] Max Born. Symbol und Wirklichkeit. II. (German) [Symbol and reality. II]. *Physikalische Blätter*, 21(3):106–108, March 1965. CODEN PHBLAG. ISSN 0031-9279 (print), 1521-3722 (electronic). URL <http://onlinelibrary.wiley.com/doi/10.1002/phbl.19650210302/abstract>.

Born:1965:VNG

- [Bor65k] Max Born. *Von der Verantwortung des Naturwissenschaftlers. (German) [On the responsibility of scientists]*. Nymphenburger Verlagshandlung GmbH, München, West Germany, 1965. ??? pp. LCCN ???

Born:1966:SR

- [Bor66a] M. Born. Symbol and reality. *Dialectica: International Review of Philosophy of Knowledge*, 20(2):143–157, June 1966. CODEN ??? ISSN 0012-2017 (print), 1746-8361 (electronic).

Born:1966:BES

- [Bor66b] Max Born. Blessings and evils of space travel. *Bulletin of the Atomic Scientists*, 22(8):12–14, October 1966. CODEN BASIAP. ISSN 0096-3402 (print), 1938-3282 (electronic). Translated by Charles W. Scherr from the German original, published in *Universitas* and in *Neue Deutsche Hefte*, **106**, 113 (1965), as well as in the author's 1965 book of essays, *Von der Verantwortung Naturwissenschaftlers*.

Born:1966:HVG

- [Bor66c] Max Born. Hoffnung auf die Vernunft. (German) [Hope for the reason]. *Europa*, ??(?):7–8, ??? 1966. CODEN ??? ISSN ???

Born:1966:MRB

- [Bor66d] Max Born. The Moon race and beyond. *Discovery*, 5(?):27–??, ??? 1966. CODEN ??? ISSN ???

Born:1966:PIW

- [Bor66e] Max Born. *Physik im Wandel meiner Zeit. (German) [Physics in Flux in My Time]*, volume 111 of *Die Wissenschaft*. Friedrich Vieweg und Sohn, Braunschweig, Germany, fourth expanded edition, 1966. 299 pp. LCCN ???

Born:1966:OS

- [Bor66f] Max Born. Über Objektivität und Subjektivität. (German) [On objectivity and subjectivity]. In *Dialog des Abendlandes — Physik und Philosophie. (German) [Dialogue of the West — physics and philosophy]*, page ?? ???, München, Germany, 1966.

Born:1966:SUW

- [Bor66g] Max Born. Vom Segen und Unsegen der Weltraumfahrt. (German) [The blessing and curse of space travel]. *Deutsches Adelsblatt*, ?? (??):165–166, ??? 1966. CODEN ??? ISSN ???

Born:1967:MA

- [Bor67a] Max Born. *The mechanics of the atom*. F. Ungar Pub. Co., New York, NY, USA, 1967. 317 pp. LCCN ??? Translated from the German by J. W. Fisher and revised by D. R. Hartree.

Born:1967:P

- [Bor67b] Max Born. Prolog. In Walter R. Fuchs, editor, *El libro de la física moderna. (Spanish) [The book of modern physics]*, page 363. Omega, Barcelona, Spain, 1967. LCCN ???

Born:1967:QMa

- [Bor67c] Max Born. Quantum mechanics. In van der Waerden [vdW67], pages 181–198. LCCN QC174.12 S655. English translation of [Bor24f].

Born:1968:BFR

- [Bor68a] Max Born. Book and film reviews: An extraordinary achievement: My life and my views. *The Physics Teacher*, 6(6):310–312, September 1968. CODEN PHTEAH. ISSN 0031-921X (print), 1943-4928 (electronic). URL <http://link.aip.org/link/?PTE/6/310/1>; http://tpt.aapt.org/resource/1/phteah/v6/i6/p310_s1.

Born:1968:CCM

- [Bor68b] Max Born. Current comments: From Max Born. *Bulletin of the Atomic Scientists*, 24(2):29, February 1968. CODEN BASIAP. ISSN 0096-3402 (print), 1938-3282 (electronic). See [Ure67, Bla67].

Born:1968:EGP

- [Bor68c] Max Born. Erinnerungen und Gedanken eines Physikers. (German) [Memories and thoughts of a physicist]. *Universitas: Zeitschrift für interdisziplinäre Wissenschaft*, 23(??):249–276, ??? 1968. CODEN UNIVA8. ISSN 0041-9079.

Born:1968:MLV

- [Bor68d] Max Born. *My life and views*. Charles Scribner's Sons, New York, NY, USA, 1968. ??? pp. LCCN ???

Born:1969:EGG

- [Bor69a] Max Born. Aus „Erinnerungen und Gedanken”. (German) [From “Memories and thoughts”]. *Physik Journal*, 25(7):289–295, July 1969. CODEN PJHOB2. ISSN 1617-9439 (print), 1619-6597 (electronic).

Born:1969:BEB

- [Bor69b] Max Born. *Born–Einstein Briefwechsel. (German) [The Born–Einstein Letters]*. Nymphenburger Verlagshandlung GmbH, München, West Germany, 1969. ???? pp. LCCN ????

Born:1969:REG

- [Bor69c] Max Born. *Die Relativitätstheorie Einsteins. (German) [Einstein’s Theory of Relativity]*. Springer-Verlag, Berlin, Germany / Heidelberg, Germany / London, UK / etc., fifth edition, 1969. xii + 328 pp. LCCN QC6 .B65 1969. With the collaboration of Walter Biem.

Born:1969:FIS

- [Bor69d] Max Born. *El futuro inmediato. (Spanish) [The near future]*. Plaza & Janes, Barcelona, Spain, 1969. 349 pp. LCCN ????

Born:1969:ETP

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