A Selected Bibliography of Publications by, and about, Wolfgang Pauli

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

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

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

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Title word cross-reference

1/2 [SG78]. **$27.95** [vB10]. **$28** [Ano45a]. **$29.95** [Sta07]. $3V$ [Raj77]. **$6.00** [Dys60]. **$80.00** [Sta07]. $^+$ [GP31]. $a + A \to C^* \to b_1 + b_2 + b_3$ [Kra65]. A_{n-1} [PZ88]. α [SKS85]. β [Fer34, Gau14]. f [Pau47c]. g [Kij72]. H [Pau28, PF37]. λ [Pau43a]. $\int\!\!\updownarrow(n, \mathbf{C})$ [Han11]. $\mathrm{SL}(3, \mathbf{C})$ [dGPS00, HNPT06]. n [PZ88]. $np\alpha$ [NMS84]. P [Pau38b]. R [ST82, ST84]. $\mathrm{sl}(n, \mathbf{C})$ [HPPT02]. $\mathrm{sl}(n^k, \mathbf{C})$ [Han10]. $\mathrm{sl}(p^2, \mathbf{C})$ [PST06]. $V\theta$ [Nel72]. $X - Y$ [Suz73].

-Limiting [Pau43a]. **-matrix** [Kij72, ST84, ST82]. **-Theorem** [Pau28, PF37, Pau28, PF37]. **-values** [Pau47c]. **-Werten** [Pau47c].

/Friedrich [MKD+91]. **/Fritzsch** [MKD+91]. **/Max** [BT58, DT58]. **/Max-Planck-Medaille** [BT58, DT58]. **/Rath** [GRE+01].

0 [Dys02, Str04a]. **0-19-856479-1** [Coo03, Dys02, Str04a].

1 [Dys02, Str04a]. **1.5** [GRE+01]. **10** [Pau32a]. **100th** [Enz00]. **11** [Pau33e]. **112** [FW07]. **137** [MM11]. **15.12.1958** [Hei59]. **175** [Ein79]. **19** [Ein79]. **19-175** [Ein79]. **1901-1950** [dVNHdVH53]. **1911** [Meh75]. **1929** [HEB+80, HvMW79]. **1931** [Ehr31]. **1933** [CCJ+34]. **1939** [OSWR86, vMHW85, HW87]. **1945** [Pau45b, Pau47d]. **1949** [vM93, Bro95]. **1952** [vM96]. **1954** [vM99]. **1954/Mladjenovic** [ARK+99]. **1956** [vM01]. **1958** [Mei92, Pei60b, vM05b, Enz05, Pes05, Sch02]. **1960s** [ARK+99]. **1960s/Frenkel** [ARK+99]. **1972** [Meh73]. **1983** [GHMP87]. **1984** [Wes85]. **1985** [LM85]. **1998** [Fis99, GR00]. **1st** [GHMP87].

2002 [JG04]. **2006** [Ber06]. **2009** [Pet11]. **20th** [Meh73]. **22** [CCJ+34]. **23.50** [Che85]. **298.00** [Hen86].

3-540-13609-6 [Hen86]. **31** [Ehr31].

4/Pauli [OSWR86]. **49/Atmanspacher/Primas** [MGG+95].

60th [Pau45a, Pau94i].

7 [Pau29b]. **70th** [KP55, PRW55].

8 [Fis99, Pau30a]. **89** [Sch01].

90-277-1648-X [Che85]. **9O** [Bro86]. **9O-277-1648-X** [Bro86].

= [Uns00].

A. [Pau26a, Pau31b, Pau51d, Pau53c]. **A./Kraus** [GRE+01]. **a.o** [Hen86, HvMW79, vMHW85, vM93, vM96, vM99, vM01, vM05b]. **abendländische** [Pau56f, Pau59]. **Abhandlungen** [Bor63, Cha68]. **Abschlusses** [Pau25c]. **Absorption** [Dir27, Pau25d]. **abstract** [PD42b]. **Abt** [BDR84]. **Abteilung** [BDR93]. **Acceleration** [HEB+80]. **Acceleration/Brosche** [HEB+80]. **Accelerator** [JBE+00, NFG+91]. **according** [Fin49, PM26]. **Account** [Str04b, Str07, BSI+82, ZSJY82]. **action** [Łop91]. **actually** [Bel86]. **actuel** [Pau53d]. **Adam** [DT18]. **Adams** [Pau25a]. **Addendum** [Hei79b, Hei79a]. **Addition** [BT58, DT58]. **Additions** [BT58, DT58]. **adjoint** [BP03]. **Adventures** [Wei91a]. **AE** [Ein79]. **after** [Kae48]. **against** [Mas04]. **Age** [Gil09]. **ago** [Enz82]. **Aharonov** [BP03, BBMS08, GS04, Hen81b]. **Ähnlichkeitstransformationen** [Pau40b]. **akausaler** [JP52]. **Albert** [Ano05, Pau61c, Kle05, Pau58a, Pau61c, Pau94a, Pau94f, Sch49a, Sch49b]. **Alchemical** [vExx]. **Alchemistische** [vExx]. **algebra** [Bay96, BPP64]. **Algebraic** [Nel72]. **algebras** [CP93, PZ88]. **algorithm** [FF87]. **Allan** [Sta07]. **Allgemeine** [Pau29a]. **allgemeinen** [Hei84, Pau33g, Pau58b].

allowed [FRKK95]. **alpha** [ACD90]. **älteren** [Pau57c, Pau61d]. **am** [Ehr31]. **among** [Sto24]. **Analyses** [dB86]. **analysis** [Ara90, GR00]. **analysts** [Kev00]. **Analytical** [QS98, BPP64]. **Analytische** [BPP64]. **Anaximander** [Sti77]. **ancestors** [Smu90]. **Angular** [Kra65, ZSJY82, HGF91, ZF00]. **Anima** [vE98]. **Anima-Figure** [vE98]. **Anlage** [Hei79b, Hei79a]. **Anniversary** [Pau01]. **annotated** [Sch01]. **Announcement** [Pau56b]. **anomalen** [Pau23b]. **anomalies** [Mas04]. **Anomalous** [BU26, Pau23b]. **anomaly** [Gau14]. **Anordnung** [ET60]. **Ansprache** [Ehr31, Pau56c]. **Answers** [Sta07]. **anti** [Dit15]. **anti-Dirac** [Dit15]. **Anton** [Fis10, Fis12, Fis10, Fis12]. **Antwort** [Pau31a]. **Anwachsen** [Pau28]. **Anwendung** [Pau74, Fre28]. **Any** [Tch72]. **appearing** [Pau25e]. **Application** [SZ97, Ara90, PJ44, Pau74, SS75, Fre28]. **Applications** [HEB+80, Pau43a, PW35]. **Applications/Lehmann** [HEB+80]. **Applied** [BT58, DT58]. **Approximate** [KM89]. **approximation** [RL77, SP77]. **approximations** [BP03]. **April** [JG04]. **Äquivalenzverbot** [JW28]. **Arbeiten** [ARK+99, Pau24d, Pau77b]. **Arbitrary** [Fie39, DC86, FP39b, FP39a, Hal91]. **Archetypal** [Pau94g, Krö54, Pau52b]. **Archetype** [Pes05, Sch02, MEF01]. **Archetypes** [VNB08]. **archetypischer** [JP52, Krö54, Pau52b]. **Argyris** [MGG+95]. **Argyris/Faust** [MGG+95]. **Armin** [HW87]. **Arnold** [Ano38, BC51, Pau51a, Pau51b, Pau51c, Pau51e, Pau94b]. **arrangement** [ET60]. **Arthur** [vB10]. **article** [Dys60]. **Ascona** [AvMMH+07]. **aspects** [Meh75, Pau54b]. **Aspekte** [Pau54b]. **assignment** [Pau23c]. **assistance** [All56]. **Assistant** [Pei85a, Enz00]. **associated** [Han10, Han11, HPPT02]. **astounding** [Haw11]. **Asymptotic** [Pau38a, QS98, Ara90]. **Atom** [Gie90, MEF01, MKD+91, Pau25c, Ser77, vM90, Lau88, Nau13, Pes05, Sch02]. **Atombaues** [Pau29a]. **Atomic** [ARK+99, Boh21, BBSR69, FR13b, Pau94u, RS74, SM08, Sto24, CCJ+34, NFG+91, Pau58c, ST82, ST84]. **atomiques** [CCJ+34]. **Atomkernes** [Pau32b]. **Atommechanik** [Pau25b]. **Atomphysik** [MKD+91, Pau58c]. **Atomphysik/Ignatovich** [MKD+91]. **Atoms** [Ano45a, QS98, Str04b, Str07, Lau97, LT91, LT97, LT01, LT05, NM91]. **attempts** [Nav06]. **Aufbau** [Boy14]. **Aufbruch** [MGG+95]. **Aufgabe** [MKD+91]. **Aufsätze** [Pau61b, Pau61a]. **Ausbreitung** [Pau20a]. **ausgeübten** [PB27]. **Ausgewählte** [Bor63]. **auspices** [CCJ+34]. **Ausschliessungsprinzip** [Pau77b]. **äusseren** [Pau58g, Pau58h, Pau23c]. **Austrian** [Ano93]. **Automorphisms** [HPPT02]. **autostructure** [Bad11]. **autres** [Kle05, Ano05]. **Award** [Ano45a, Ehr31].

B [BDR84, vM05b]. **Back** [GB30, GB29, GB30]. **Back-Effekt** [GB30]. **Background** [VNB08, CV02]. **Band** [ARK+99, BPP64, Eis00, HvMW79, MGG+95, Pau29b, Pau30a, Pau32a, Pau33e, Pau51e, Pau51d, vMHW85, vM93, vM96, vM99, vM01, vM05b, KP23]. **Bandenspektren** [KP23]. **Bandwidth** [CP84]. **Bargmann** [FRKK95]. **barrier** [SSF82]. **Based** [SZ97, ZSJY82]. **Basis** [GR31, FRKK95, dGPS00].

Bass [OSWR86]. **Bau** [Pau32b]. **Bd** [Eis02, HEB+80]. **Be** [Ano45a, BT58, Coo03, DT58, Hei79a, Kap13, Tel03, Dys02, Enz02, Gou76, Str04a, Sul62]. **beam** [Pau19a]. **Becker** [DT18]. **Bedeutung** [APWB95, MGG+95, Pau50b]. **Beeinflussung** [Pau24a]. **Began** [Kae48]. **Begriff** [Pau52a, vdWPR52]. **Behandlung** [Pau26a]. **behavior** [PB40, UG25]. **Beitrag** [Pau55b, Pau01]. **beiträge** [Pau48b, Pau35a]. **beliebigem** [FP39b, Fie39]. **belief** [vM87]. **Believe** [MKD+91]. **Believed** [Ano45a]. **Bell** [BH09]. **Belyaev** [MKD+91]. **Bemerkungen** [Pau20b, Pau24d]. **Bericht** [Hei84]. **Berlin** [Eis00, Hen86, Sch01]. **Berlin/Heidelberg/New** [Eis00]. **Bern** [Pau01]. **Berner** [Pau01]. **Bestimmung** [Pau47c]. **Beta** [Jen00]. **betreffenden** [Pau33a]. **Between** [Bur58, Pau40a, CP92, Del61, Ehr27b, Ehr27a, Fis99, Fis04, Fis11, LZ58, Pau23a, Pau24d, Pau50a]. **bewegten** [Pau20a]. **bewegter** [Pau33h]. **Beyond** [Lau88, Nat03, MKD+91, vM90, Gie90]. **bezüglich** [UG25]. **Bicentennial** [Pet11]. **Bifurkation** [MGG+95]. **Big** [Hür22, Scu07c]. **Bildung** [JP52, Krö54, Pau52b]. **binding** [BLV05, HSS11]. **Biografie** [Enz05]. **Biographical** [Enz94b]. **Biographie** [RP79]. **biographies** [Ano64, SS98]. **Biography** [Coo03, Enz05, Tel03, Dys02, Enz02, RP79, Str04a]. **Biot** [Sza97]. **Bird** [Pei85b]. **Birth** [BH83a, BH83b, Gar63a, BH82]. **Birthday** [Pau45a, Pau94i, Enz00, KP55, PRW55, Mor56a]. **bis** [Fis99, Fis10, Fis12, Sti77]. **Bisherige** [Hei79b, Hei79a]. **bisherighen** [Hei84]. **bismuth** [BG28, GB27, Tho26b, ZBG30]. **black** [Pau29d]. **black-body** [Pau29d]. **Blockade** [Pec93]. **Body** [MKD+91, NMS84, Pau29d, SOCg82]. **Bohm** [BP03, BBMS08, GS04, Hen81b]. **Bohmsche** [GRE+01]. **Bohr** [All56, ARK+99, Bel86, Bro86, Bro95, Che85, Eis00, GRE+01, HEB+80, Hen86, HvMW79, Lak96, MGG+95, Mor56a, OSWR86, Wes85, dB86, vMHW85, vM93, vM96, vM99, vM01, vM05b, Deg89, CG14, De 14, Hen84, KP55, Mas04, Nau13, OBxx, Pau45a, PRW55, PB58, Pau94i, Pau01, SM08]. **Bohr-Festschrift** [Pau01]. **Boltzmann** [Eis91]. **Book** [Bal65, Bel86, Ber06, Bor47, Bro86, Bro95, Che85, DT18, Dys60, Dys02, Gie90, HW87, Hen86, Kra09, Mor56a, Pau24b, Pau25b, Pau25a, Pau26a, Pau29b, Pau29c, Pau30a, Pau30b, Pau30c, Pau31b, Pau31c, Pau32a, Pau32b, Pau33e, Pau33f, Pau35b, Pau47a, Pau51e, Pau51d, Pau56d, Pes05, Sch02, Sta07, Sti77, Str04a, Tel03, Wes85, YK73, vB10, vM90, BPP64, BSRD+55, LPB+56]. **Books** [All56, BDR84]. **Bor** [PB58]. **Born** [Pau25b, Pau30b]. **Boru** [PB58]. **Bose** [Pau36a]. **boson** [Ara90]. **Boston** [Che85, Wes85]. **bound** [Sch01]. **Brandmüller** [MGG+95]. **Break** [Pau72a]. **Brecht** [Sch99a, Sch99b]. **Breit** [Bad11, BG88, FWS+85, FM68b, FM68a, HGF91, RL77, ST82, ST84, ZF00]. **Breit-type** [RL77]. **bridge** [BS12, Fis04, Fis11]. **Brief** [Coo03, Tel03, Dys02, Enz02, Str04a]. **Briefe** [Hei79b, vM68]. **Briefwechsel** [ARK+99, Eis00, GRE+01, HEB+80, Hen86, HvMW79, MGG+95, Mei92, OSWR86, vMHW85, vM93, vM96, vM99, vM01, vM05b, Eis02]. **Brod** [MGG+95]. **Brosche** [HEB+80]. **Brücke** [BS12]. **Brücken** [Fis04, Fis11]. **Bruno** [Bon05]. **Brussels** [CCJ+34]. **Bruxelles** [CCJ+34, Far01].

Buchbesprechungen [BSRD+55, LPB+56, MGG+95, OSWR86]. **Bücher** [ARK+99, BDR84, GRE+01, HEB+80]. **Buchwald** [Pau24b]. **bulk** [Eck70, Eck73, OBxx]. **Bunde** [MGG+95]. **Burger** [Pau24d].

C [Coo03, Enz00, Fis99, JP52, MM11, Pau24d, YK73]. **C.** [Fis99, Gie05, Pes05, Sch02]. **cachés** [Pau53b]. **calculate** [ST82, ST84]. **Calculation** [SZ97, ZSJY82]. **calculations** [BG88, Bay96]. **Calculus** [Eck26, BPP64]. **Cambridge** [Sta07]. **can** [Mas04, Hei79a, Kap13, MKD+91]. **Cape** [Ber06]. **Carl** [GRE+01, vB10, Eck70, Eck73, Mil09]. **Case** [PH45, dR99, Gau14, Pau40b]. **Casimir** [Łop91]. **Cassidy** [MGG+95]. **Catalogue** [Eur69]. **Catalonia** [GHMP87]. **Causality** [Pau94r, Pau36c]. **Cavendish** [Nav06]. **centennial** [vM00]. **Center** [FM68b, FM68a]. **Centre** [Meh73]. **century** [Bra09, Cas83, Cas92, CS10, Meh73, FW60]. **Ceremony** [Pau31a]. **CERN** [Ano60a]. **Ch** [BT58, DT58]. **Challenge** [Ber06, Sta09]. **champs** [Pau53d]. **change** [Gau14]. **Chaos** [MGG+95, BGTJ99]. **Chaos/Plaschko/Brod** [MGG+95]. **Chaotische** [MGG+95]. **Charge** [Hri71, Tch72, CP92, JP28, Pau55a, Pau57a]. **charge-free** [JP28]. **Charles** [Dys02, Str04a, Tel03]. **che** [Fer24]. **chemical** [Fin49]. **Chemie** [MGG+95]. **Chemie/Dictionary** [MGG+95]. **chemischen** [Fin49]. **Chemistry** [PW35, Hal86, Ano45a, MGG+95]. **Chile** [Ano45a]. **Chinese** [vE98]. **Chiral** [Xue91]. **Chiral-gauge** [Xue91]. **CII** [RC25]. **circuits** [Pau74]. **class** [CC83, CCS95]. **classic** [EFK90]. **Classical** [Pau33c, SP77, GG05]. **Closed** [Ell48, Goe48, Goe49, KK73]. **Closing** [Pau56c]. **cloth** [vB10]. **Cloud** [Wei88]. **cluster** [FRKK95, SOCg82]. **cohesive** [Fre28]. **coincidence** [Cas92, Fis99]. **collaboration** [Sch01, vM05a]. **Collected** [BDR84, BDR93, Cha68, KW64, Pau64a, Bal65]. **collection** [Eur69]. **Collective** [HEB+80]. **collision** [Pau24d]. **combination** [Pau25e]. **combined** [SKS85]. **comet** [PB27]. **commemoration** [FW59]. **Comment** [Cav00, CNT00, PT59]. **Commentary** [Got83]. **Comments** [AP80, Pau24d]. **Commission** [BT58, DT58]. **Company** [Bro86, Che85, vB10, Coo03]. **compared** [Pau40b]. **Complementarity** [Pau94m, De 14, Pau48a, Pau50b, Scu07c]. **complete** [FRKK95]. **Completed** [Hei79a]. **completion** [Pau25c]. **complex** [Pau23c, Pau25c, Pau58d, vO69]. **Complexes** [SZ97]. **component** [Pau19b]. **Components** [QS98]. **Composite** [GH99, KS81]. **computing** [HGF91, ZF00]. **concentration** [CP84]. **Concept** [Gar63a, Pau48a, Pau50b, Pau52a, SSF82, vdWPR52]. **ConceptDraw** [GRE+01]. **conception** [Lau85b, Meh73]. **concepts** [Enz85a]. **Concerning** [VNB08]. **Condensed** [ARK+99]. **condition** [Kij72]. **Conference** [Fis99, Pet11, Pau30d, Far01, Pau56c, Pau01]. **conferences** [Meh75]. **Confirmation** [CRH+56]. **conflict** [vM85]. **Conformal** [Hri71]. **Congruence** [Nel72]. **conjecture** [AF14]. **Conjugation** [Hri71, CP92]. **connected** [Pau56a]. **Connection** [Bur58, CP92, LZ58, Pau40a, Del61, Pau50a]. **Conrad** [MGG+95].

conscience [Dys02, EM88]. **conseil** [CCJ+34]. **Consensus** [Jen00]. **Conservation** [GLR14, Pau57a]. **conserved** [CV02]. **considerations** [Pau38b, Fer24]. **Considerazioni** [Fer24]. **Consistency** [GH75]. **Constant** [VNB08, Pau21a, PM26, Sch99a, Sch99b]. **constrained** [BP22, BP63]. **constraint** [MS94]. **contain** [Fer24]. **Contemporary** [AvMMH+07, AP06]. **contengono** [Fer24]. **context** [AP06, Pet11]. **Continuing** [Ber06]. **Continuous** [Pau56e, Pau65a]. **continuum** [ST82, ST84]. **contractions** [HNPT06]. **Contribution** [Pau94c, Ano85, Pau55b, Pau65b, Pau01]. **Contributions** [Pau36b, Pau49, Pau94q, Pau48b, Str00, Pau35a]. **Control** [VNB08]. **Controversy** [Jen00, Scu07c]. **Conversation** [BM04]. **Cooper** [PCC10]. **coordinates** [Pau33c, Pau33d]. **Copenhagen** [Lau85a]. **Correct** [Fre30, KS81]. **Corrected** [BT58, DT58]. **Correction** [Ehr27a]. **corrections** [BCP89, Kal89]. **Correlation** [QS98, Suz73]. **Correlation-Kinetic** [QS98]. **correlations** [KK73]. **Correspondence** [Bro95, Eis00, Hen86, HvMW79, Mei92, vMHW85, vM93, vM96, vM99, vM01, vM05b, Eis02]. **Cosmic** [MGG+95, Mil09, vB10, MM11]. **Cosmological** [ARK+99]. **Cosmology** [Rei72]. **Cosmos** [Fis04, Fis11]. **Coulomb** [QS98]. **Coulombic** [KM89]. **Coupling** [PD42a, PH45, Tch72, PD42b, Pau43c]. **crack** [BS12]. **Creation** [Bel86, Bro86, Che85, Hen84, Wes85, dB86]. **Creativity** [MKD+91]. **creators** [Str11]. **criterion** [Pau39]. **Critical** [Sta09]. **Critique** [Ano05]. **crystals** [Pau25d]. **Curies** [Kae48]. **curious** [Gau14]. **current** [Hei84, Pau53d].

D [Bro86, Che85, KP55]. **D.** [Pau56d]. **dans** [Pau53b]. **David** [OBxx]. **Debye** [Pau35b]. **Decay** [Jen00, Gau14, Pau38b]. **Déchirure** [Pau72b]. **Deciphering** [Mil09, vB10]. **Decomposition** [Pec93]. **Dedicated** [Mor56a, KP55, PRW55]. **Defect** [HEB+80]. **Defects** [MGG+95]. **Defects/Weiss** [MGG+95]. **define** [Boy14]. **Defining** [ARK+99, De 14]. **Definition** [SG78]. **deflection** [Pau19a]. **Deformation** [Pec93]. **deformed** [JMS80]. **degeneracy** [Pau27a]. **Degeneration** [Pau90b]. **degli** [Fer24]. **deinen** [MKD+91]. **d'Einstein** [PS32a, PS32b]. **del** [Maj37]. **dell** [Maj37]. **della** [Pau58e]. **dello** [Gul54]. **demon** [Scu07a]. **Demonstration** [Ein41]. **demonstrative** [Mas04]. **Denken** [Pau56f, Pau59]. **Denkens** [Sti77]. **Denkstoffe** [Fis04, Fis11]. **densities** [BCP89, Kal89, ZY88]. **Density** [SZ97, KM89, KK73]. **density-matrix** [KK73]. **dependence** [Pau25f]. **Dependent** [PH45, BBMS08]. **depth** [Gie05]. **detect** [Nav06]. **Detection** [CRH+56, RC53]. **Determination** [GR31]. **determining** [Pau47c]. **Deterministically** [Hei79a]. **deterministische** [Hei79a]. **deuteron** [BSI+82]. **Deutsch** [GRE+01]. **Deutsch-Englisch** [GRE+01]. **Deutsch-Englisch/ConceptDraw** [GRE+01]. **Deutschland** [MGG+95]. **Deutung** [Pau24a]. **Development** [All56, Meh73, Mor56a, Pau94a, Meh75, PRW55, Pau58a, PB58]. **developments** [OS00]. **DF1** [Che85]. **Dialog** [APWB95, Fis99, MGG+95]. **Dialogue** [Che85, dB86, Bel99, Fis99, Gie05, Hen84, Bro86, Wes85, Bel86]. **diamagnetism** [Pau20b]. **Diamagnetismus** [Pau20b]. **diatomic** [Pau21a].

Dictionary [MGG+95]. **Did** [Fin92]. **dielectric** [Pau21a, PM26]. **Dielektrizitätskonstante** [Pau21a, PM26]. **Dienstakten** [EGO97]. **differential** [Nag10]. **Difficulties** [GM89a, GM89b, Pau47b]. **Diffraction** [Pau38a]. **Diffusion** [ARK+99]. **Dimension** [Pau24d]. **dimensional** [Bes00]. **dimensions** [ASG05, Hal91, PZ88]. **dipole** [Pau21a, PM26]. **Dipolgase** [Pau21a]. **Dipolgasen** [PM26]. **Dirac** [Lak96, Pau30c, ASG05, BDQR11, Bel94, CV02, Dit15, GH75, Hor11, Pau32c, PS32a, PS32b, Pau33d, Pau35a, Pau36b, Pau40b, Pau43b, PJ44, Pau46a]. **Diracs** [Pau32c, Pau46a]. **Dirac'schen** [Pau35a, Pau40b, Pau33d]. **direct** [Han10]. **Discours** [Pau47d]. **discoveries** [Bra09]. **discovery** [Gou71, Kae48]. **Discussion** [Pau34, Pau53c]. **discussions** [CCJ+34]. **disk** [BGTJ99]. **disregarding** [Cav00, CNT99, CNT00]. **dissertation** [vM00]. **Dissidents** [Fre15]. **dissociated** [Pau58h]. **dissoziierter** [Pau58g, Pau58h]. **distorted** [Bad11]. **Distribution** [Sto24, ZSJY82]. **DM** [Hen86, Sch01]. **do** [Mas04]. **Domenico** [Sch01]. **Dordrecht** [Che85]. **Dordrecht/Boston/Lancaster** [Che85]. **Doublets** [BU26]. **doubly** [JMS80]. **doubly-even** [JMS80]. **d'ouvrages** [dB86]. **Draft** [Fer34]. **dreams** [Dys02, Fis04, Fis11, Haw11]. **due** [ATY92]. **durch** [Pau24a, Pau56c, Pau70, Pau90a, UG25]. **during** [vM05a]. **Dürr** [GRE+01]. **Dutch** [Cas92, GU26, vE95]. **Dynamics** [Eck26, BNP05, HP29, HP30, Pau24d]. **Dynamik** [MGG+95, Pau24d].

E. [Pau24b, Pau25a]. **each** [UG25]. **Earlier** [Pau94j, Pau91]. **Early** [Nav06]. **Earth** [HEB+80]. **Easy** [Sta07]. **Eckart** [Eck70, Eck73]. **Eddington** [Pau26a]. **Edited** [Eis00, All56, Mor56a, Sch01]. **Editor** [DGB+01, Pes05]. **Editorial** [Pau48a]. **editors** [YK73]. **Edmund** [Nau13]. **eeuw** [Cas92]. **Effect** [BU26, GB29, Hel67, JMS80, BG28, BBMS08, GS04, GB30, Pau23b, Pau25f, Pau47c, ZY88]. **effective** [SKS85]. **Effects** [Aoi71, Aoi73, PR36]. **Effekt** [GB30]. **ego** [PB58]. **Ehrenfest** [Pau33b, Pau94k]. **Eidgenössischen** [EGO97]. **eigenfunctions** [Pau39]. **Eigenfunktionen** [Pau39]. **Eigenschaften** [Hei84]. **eigentlich** [Bel86]. **Eigenvalues** [Bes00]. **Eighteen** [Got83]. **Ein-** [Pau39]. **einatomigen** [Fer26]. **einatomiger** [Pau20b]. **einem** [Pau24d]. **Einfluss** [JP52, Krö54, Pau52b, Pau25f]. **Einige** [Pau33a]. **einiger** [Pau24a]. **Einstein** [Ano05, ARK+99, Bro95, Eis00, GRE+01, HEB+80, Hen86, HvMW79, LM85, MGG+95, OSWR86, Pau24d, Pau58a, SH99, vMHW85, vM93, vM96, vM99, vM01, vM05b, Deg89, CG14, FW07, Kle05, PS32a, PS32b, Pau36a, Pau49, Pau55b, Pau58a, Pau61c, Pau65b, Pau94a, Pau94c, Pau94f, Sch49a, Sch49b]. **Einsteina** [Pau65b]. **Einsteins** [Pau55b]. **Einsteinschen** [Pau24d]. **einzelnen** [UG25]. **Elaboration** [KMS80]. **elastic** [SHS81]. **Elected** [BC51]. **electric** [Pau25e, Pau33f]. **electricity** [Pau19c]. **Electrodynamics** [Hei79b, Hei79a, Pau73a, PE00a, Sch58, Sch03, Esp07, JP28]. **electromagnetic** [FP39b, FP39a, SG78]. **Electron** [BU26, PE57, Pau75b, SB53, Tho26a, Fre28, GU26, Gou71, Maj37, Pau24d,

Pau25f, Pau27b, Pau32c, Pau32d, RL77, UG25, SB33]. **electronic** [Pau74]. **Electrons** [BBB+10, PBB+11, OSWR86, RS74, Sto24, UG26, ATY92, Boh26, NFG+91, Pau23a, Pau25c, Pau33h, Pau73b, PE00b, SB53]. **elektrischen** [Pau25e]. **Elektrizität** [Pau19c]. **elektromagnetischen** [FP39b]. **Elektron** [Pau24d]. **Elektronen** [Pau23a, Pau33h]. **Elektronengastheorie** [Fre28]. **Elektronengruppen** [Pau25c]. **Elektronenmasse** [Pau25f]. **Elektronentheorie** [PE57, SB33]. **elektronische** [Pau74]. **Elektrons** [Pau32c, Pau27b, UG25]. **element** [Pau40b, Rig02]. **Elementare** [Pau30b]. **Elementarteilchen** [Hei84]. **Elementary** [BH83a, HEB+80, Hei84, HP93, Pau41, Pau93, BH82, PB40, PT59]. **elementary-particle** [BH82]. **Elemente** [Fin49, Pau52c]. **elementi** [Fer24]. **Elements** [Pau94o, Fer24, Fin49, Pau55c, dGPS00, Pau52c, Pau56d]. **elettrone** [Maj37]. **Elliott** [LT91, LT97, LT01, LT05]. **Elster** [MKD+91]. **Emission** [Dir27, FP38, PF38, Pau46a, PJ44]. **end** [FW07]. **Energiekomponenten** [Pau19b]. **Energies** [Pec93]. **Energy** [GLR14, ET60, Pau19b]. **engineering** [BPP64]. **Englisch/ConceptDraw** [GRE+01]. **enhanced** [BLV05]. **Enrico** [Mil07, Ore01]. **entanglement** [CMM+07, Gil09]. **Entropie** [Pau28]. **entropy** [Pau28]. **Entwicklung** [Hei60, Pau58a]. **envision** [Gau14]. **Enz** [Coo03, Dys02, Str04a, Tel03, YK73, Enz00]. **episodes** [Bra09]. **epistemological** [Pau54b]. **Epistemology** [Pau94e, Pau61b, Pau61a]. **Equation** [ARK+99, Pag65, ASG05, BBMS08, FF87, Mie81, NN99, Pau32c, PW34, RL77, Raj76, SS75]. **Equation/Gaponenko** [ARK+99]. **Equations** [Eck26, DC86, EP43, FP39b, FP39a, MS94, PS32a, PS32b, Pau33d, Pau40b, Sza97, Zha02, PS32a, PS32b]. **equidistant** [BCP89]. **equilibrium** [Pau23a, Pau58h]. **equivalence** [JW28]. **Era** [MGG+95]. **Erforschung** [Fis10, Fis12, MGG+95]. **Ergänzung** [Hei79a]. **Ergebnisse** [Pau29b, Pau30a, Pau32a, Pau33e]. **Erinnerungen** [Bet00, Hei60, vW59]. **erkenntnistheoretische** [Pau54b]. **Erkenntnistheorie** [Pau61b, Pau61a]. **Erklärung** [GRE+01]. **Erkundigungsfragen** [Pau33a]. **Erlebtes** [Pau90a]. **Ernst** [Pai00a, Pei60b, FS06, Smu90]. **erscheinenden** [Pau25e]. **Ersetzung** [UG25]. **erzählt** [FS06]. **Erzähltes** [Pau90a]. **Essay** [Coo03]. **Essays** [Mor56a, Lau97, PRW55, SH99, Pau61b, Pau61a]. **essential** [Rig02]. **estimates** [BLV05]. **était** [Ano05, Kle05]. **Etat** [Pau53d]. **etc** [Sch01]. **ETH** [EGO97]. **Ettore** [EAW15]. **Even** [Ber06, JMS80, Woi06]. **evidential** [Fra04]. **evolution** [Fle07, Hei60]. **Exact** [BCP89, Mie81, NM91, vM87]. **exakten** [Pau29b, Pau30a, Pau32a, Pau33e]. **Exchange** [QS98]. **excited** [JMS80]. **exciton** [ZSJY82]. **Exclusion** [Bar10, BBB+10, CM30, PBB+11, Ehr27b, Ehr27a, Fre30, Hal86, JBE+00, Kap13, KLL90, Ken30, Kra09, LL79, Mar44, Pau55a, Pau64b, Pau94d, PCC10, RS74, Sta07, YS93, Fle07, Mas05, NFG+91, ZY88, Pau46c, Pau47d, Pau77b, Rus24, Str04b, Str07]. **exclusive** [Kap02]. **exerted** [PB27]. **exhibit** [YS93]. **Exist** [Gar63a]. **Existence** [Cha32b, Cha32a, Ein41, EP43]. **existing** [Gau14]. **Expanding** [BSI+82]. **Expansions** [FM68b, FM68a]. **experienced** [Pau90a]. **Experiment**

[PBB+11, Pau94s, Pau52d, Pau52d]. **Experimental** [Bar10, BBB+10, PBB+11, JBE+00]. **Experts** [Ano45a]. **Explanation** [BU26]. **exploration** [Pau33a]. **Extended** [NN99]. **extension** [BDQR11, vM00]. **extensions** [BP03]. **external** [KM89, Pau23c, Pau58h, SG78]. **Extraordinary** [Gib19].

F [Bal65, HW87]. **F.** [PT59]. **faces** [CM09]. **Fachschulen** [BPP64]. **Fachwörterbuch** [GRE+01]. **Factors** [Tch72, ET60]. **Fail** [GLR14]. **Failure** [Ber06, Woi06]. **Faktoren** [ET60]. **Falk** [MKD+91]. **Fall** [MGG+95, Pau40b]. **Faust** [MGG+95]. **Feinstrukturen** [GB27]. **Feld** [FP39b]. **Felde** [Pau25e]. **Felder** [JP28, Pau24a]. **Feldern** [Pau23c]. **Feldgleichungen** [FP39b]. **Feldquantisierung** [Pau46a]. **Feliu** [GHMP87]. **Fermi** [Bel94, Fre28, Mil07, Ore01, ZSJY82]. **fermion** [MS94]. **Fermischen** [Fre28]. **Festschrift** [Pau01]. **Few** [MKD+91]. **Few-Body** [MKD+91]. **Feynman** [Cav00, CNT00, CNT99]. **fiction** [Cas03]. **Field** [Dys60, GM87, GM88, GM89a, GM89b, Pau41, PD42a, Pau43a, Pau43b, PK43a, PK43b, EP43, Enz85a, FP39b, FP39a, KP55, Łop91, Pau19b, Pau43c, PJ44, Pau46a, Pau47b, Pau53d, Pau53a, PK56, Pau73c, PE00c, SG78, SB53]. **field-quantization** [PJ44]. **fields** [Ein41, HP29, HP30, JP28, Pau23c, Pau24a, Pau25e, Pau56a, Pau58h, SS75]. **Fierz** [Ara90, BLV05, BNP05, DC86, HSS11]. **Fifty** [Gou76, Kae48, Uhl76]. **Figure** [vE98]. **Filme** [HEB+80]. **filosofia** [Lau82]. **Fine** [PST06, RC25, VNB08, Han10, Han11, HPPT02, GB27]. **finest** [PZ88]. **Finland** [LM85]. **Finn** [Ano45a]. **Finnish** [Lau80, Lau82]. **fireballs** [BSI+82]. **First** [MGG+95]. **Fischer** [FS06]. **five** [Pau33c, Pau33d, Pau77b]. **Fixer** [MGG+95]. **Fixer/Wenske** [MGG+95]. **fiziki** [PB58]. **flash** [Gar63b]. **flip** [Hel67]. **Fluctuations** [Aoi73, Aoi71]. **Fluid** [GR31]. **Fock** [FRKK95]. **Fois** [Ano05, Kle05]. **Fölsing** [MGG+95]. **For.Mem.R.S.** [Ano53, Kem59]. **forbidden** [SHS81]. **Force** [Fie39, Pau58h, UG25]. **Force-Free** [Fie39]. **Forces** [Pau46b, Fre28, Bor47]. **Forderung** [UG25]. **Foreword** [Boh60]. **Form** [Rus24, Tch72, MS94, NM91]. **formation** [Gau14, Krö54, Pau52b]. **Formulation** [Fre30, BCP89, GH75, KK73, Pau33c, Pau33d]. **Formulierung** [Pau33c, Pau33d]. **Found** [Sul62]. **Foundations** [Fre15, LM85, Pau47a, Ble91a, Ble91b, GR00, Hal86]. **Four** [Ada72]. **Fractals** [MGG+95]. **Fractional** [Hal91]. **Frage** [Pau23c, Pau24a]. **Franklin** [Sta07]. **Frederick** [JG04]. **Free** [CRH+56, Fie39, RC53, Ein41, JP28, Pau23a, Pau33h]. **freien** [Pau23a]. **freier** [Pau33h]. **French** [CCJ+34, Kle05, Pau32d, PS32a, PS32b, Pau36b, Pau36a, Pau47d, Pau53d, Pau53b, Pau72b]. **Frenkel** [ARK+99]. **frequencies** [Pau46a]. **frequency** [PJ44]. **Frequenzen** [Pau46a]. **Friction** [HEB+80]. **Friedrich** [ARK+99, GRE+01, MKD+91]. **Friend** [Enz94a]. **Friendship** [Mil09, vB10]. **Fritzsch** [MKD+91]. **Functional** [SZ97]. **Functions** [Pau38a]. **fünf** [Pau33c, Pau33d, Pau77b]. **fusion** [Rei72]. **Future** [Hei79b, Hei79a, Pet11].

G [Dys60, Fis99, Gie05, HW87, JP52, MM11]. **G.** [Pau32b]. **Gabriela** [Ano45a]. **Galilei** [MGG+95]. **Gallery** [Pai00b]. **game** [vE95]. **Gamow** [Pau32b, Rei72]. **Gaponenko** [ARK+99]. **gaps** [Bes00]. **gas** [Fer26, Fre28, McC86, Pau27a, Pau90b]. **Gase** [Pau20b]. **Gasentartung** [Pau27a]. **gases** [Pau20b, Pau21a, PM26, Pau73e, PE00e, Fer26]. **Gauge** [OS00, Xue91]. **gebunden** [Sch01]. **Gedankenexperiment** [LM85]. **gegenüber** [Pau40b]. **geht** [Pau70, Pau90a]. **Geist** [vEA02]. **Geisteswissenschaften** [MKD+91]. **Geisteswissenschaften/Vischer** [MKD+91]. **General** [BT58, DT58, Hei84, Pau80, HGF91, Pau33g, Pau58b, ST82, ST84, ZF00]. **generalization** [Hal91]. **Generalized** [Raj76, Han11, HPPT02, PST06, Suz73, vO69]. **generated** [PST06]. **Generation** [Hür22]. **generations** [Ada72]. **generator** [dGPS00]. **Genius** [Pai00b, Gar63b]. **geometric** [Pau32c]. **Geometrie** [BPP64]. **geometrische** [Pau32c]. **Geometry** [DH91, BPP64]. **George** [Rei72]. **German** [Dys60, Eis00, Ano93, APWB95, BG28, BSRD+55, BPP64, Ble91b, BDR84, BDR93, BP22, Bor63, BP63, Cha68, Ehr31, Ein22, EFK90, Eis91, Eis02, ET60, EM88, EGO97, Enz05, Fer26, FP38, FP39b, Fie39, Fin49, Fis99, Fis04, FS06, Fis10, Fis11, Fis12, Fre28, GB27, GB30, GP31, HP29, HP30, Hei60, Hei79b, Hei79a, Hei84, JW28, JP28, KP23, Krö54, LPB+56, Mei92, MM11, Pau19b, Pau19a, Pau19c, Pau20a, Pau20c, Pau20b, Pau21c, Pau21b, Pau21a, Pau22, Pau23c, Pau23b, Pau23a, Pau24d, Pau24a, Pau24c, Pau25d, Pau25f, Pau25e, Pau25c, PM26, Pau26b, Pau26c, Pau27a, Pau27b, PB27, Pau28, Pau29d, Pau31a, Pau32c, Pau33g, Pau33a, Pau33c, Pau33d, Pau33h, PW34, Pau35a, Pau36c, PF37, PF38, Pau39, Pau40b, Pau46a, Pau47c, Pau47e, Pau48a, Pau48b, Pau50b, Pau52a, Pau52b]. **German** [Pau52c, Pau52d, Pau54b, Pau54c, Pau55b, Pau56c, Pau56f, Pau57c, Pau57b, PE57, Pau58a, Pau58b, Pau58h, Pau58c, Pau59, Pau61d, Pau61b, Pau61a, Pau61c, Pau70, Pau74, Pau77b, Pau85a, Pau90a, PG00, Pau01, BS12, RP79, Rös91, Sch01, SB33, Tho26b, UG25, ZBG30, vExx, vEA02, vdWPR52, vM68, vM05a, vW59]. **Gershenfeld** [ARK+99]. **gesagt“** [Enz05]. **Gesammelte** [BDR84, BDR93, Cha68]. **Geschichte** [MGG+95, Pau52c, Pau57c, Pau61d]. **Geschwindigkeitsabhängigkeit** [Pau25f]. **Gesetzen** [Pau58c]. **Gesetzmäßigkeiten** [Pau23b]. **gestörter** [BP22, BP63]. **Gets** [Ano45a]. **gewesen** [Bel86]. **Gewissen** [EM88]. **ghost** [Hei56]. **Giulini** [Sch01]. **given** [Pau47d]. **Gleichgewicht** [Pau23a]. **Gleichgewichtsgemische** [Pau58g, Pau58h]. **Gleichungen** [Pau33d]. **God** [vE95]. **Gödel** [FW07]. **Goetzberger** [MGG+95]. **Going** [Sta09]. **Gordon** [CV02]. **Göttingen** [Got83]. **Göttinger** [GRE+01]. **Goudsmit** [Lak96]. **Graded** [HNPT06]. **grading** [Han11, HPPT02, PST06]. **gradings** [Han10, PZ88]. **Graßmann** [Pet11, Hor11]. **Gravitation** [Pau19c, Pau19a]. **gravitational** [Ein41, Pau19b, Sch99a, Sch99b]. **Gravitationsfeldes** [Pau19b]. **Gravitationstheorie** [Pau19a]. **gravity** [GG05]. **Great** [Ano58, Kae48, Lin04]. **Greatest** [Hür22]. **Grenzen** [Hei84]. **Gröbner**

[Ano93]. **Grosse** [ARK+99]. **Großforschung** [MGG+95]. **ground** [KK73, NM91]. **Group** [Far01, HP93, PT59, Pau93, Han11, Pau55a]. **groups** [Han10, Pau25c, Pau56e, Pau65a]. **Grundkurs** [MGG+95]. **Grundlage** [GRE+01]. **Grundlagen** [Ble91b, Pau29a, Pau31b]. **guide** [Boy14]. **Guíxols** [GHMP87]. **Gürsey** [PT59]. **Gustav** [Mei92].

H [LT91, LT97, LT01, LT05, Pau24d, Pau33f]. **H.** [Pau29c, Pau47a]. **Haar** [Pau56d]. **Haas** [HEB+80]. **Hahn** [GRE+01, MGG+95, Ano45a]. **Hahn-Meitner-Instituts** [MGG+95]. **Hahn-Meitner-Instituts/Fölsing** [MGG+95]. **Halbleiterbauelemente** [OSWR86]. **Halbleiterbauelemente/Stitch** [OSWR86]. **half** [Cas83, Cas92, CS10, IiS03]. **half-century** [Cas92]. **halve** [Cas92]. **Hamiltonian** [BG88, BP03, ET60, FWS+85, FM68b, FM68a, HGF91, Nou06, Pau53a, SZ97, ST82, ST84, ZF00]. **Hamiltonians** [CC83, CCS95]. **Hamiltonoperator** [ET60]. **Handbook** [OSWR86]. **hänen** [Lau80]. **Haphazard** [Cas83, CS10]. **hardback** [Coo03, Sta07]. **harmony** [Fis04, Fis11]. **harvest** [Bra09]. **Havlin** [MGG+95]. **HC** [Pau24d]. **heart** [Pau70, Pau90a]. **Heat** [Den27]. **heaven** [Cas03]. **Heidelberg** [Eis00, Hen86]. **Heisenberg** [ARK+99, BDR84, BDR93, Bro95, Eis00, GRE+01, HEB+80, Hen86, HvMW79, Lak96, MGG+95, OSWR86, Pau31c, vMHW85, vM93, vM96, vM99, vM01, vM05b, BC09, CP84, CG14, Hei79b, Mas04, Mie81, Pau34, Ser77, dR99, vM05a]. **Heisenbergs** [Hei79b, vM05a]. **Heitjans** [ARK+99]. **Held** [Meh73, CCJ+34, GHMP87]. **helical** [SS75]. **Hendry** [Che85, Wes85, Bro86, dB86]. **Henrik** [OBxx]. **Herausgegeben** [Eis00, Sch01]. **Here** [Ano45a]. **heretics** [DT18]. **Hermann** [HEB+80, HW87, Pau19c, Cha68, Pau19c]. **Hertha** [BS12, BS12]. **Herz** [Pau90a, Pau70]. **Heuristic** [dR99]. **Hi** [MKD+91]. **Hi-Tech** [MKD+91]. **Hi-Tech/Scribal** [MKD+91]. **hidden** [BC09, Pau53b]. **Hierarchy** [CV02]. **Hilbert** [Hei56]. **Hintertreppe** [Fis10, Fis12]. **Historical** [OS00, Str04b, Str07, GG05, GR00, GP00]. **History** [Enz94a, GHMP87, HW87, Pau46c, Pau85b, Pau94j, Wei88, dB86, Bag11, Fra04, KHFA67, Pau52c, Pau57c, Pau61d, Pau91]. **Hochschule** [EGO97]. **hole** [BCP89, Kal89, ZY88]. **homogenen** [Pau33c, Pau33d]. **homogeneous** [Pau33c, Pau33d]. **honor** [SH99]. **Honorary** [BC51]. **Honored** [Ano45a]. **Houtermans** [ARK+99]. **Humanökologie** [MKD+91]. **Hund** [Boy14, Bon81]. **Hydrogen** [Den27, Lak96, Rig02, Pau21c, Pau22, Pau26c]. **Hyperfeinstruktur** [GP31, ZBG30, GB30]. **Hyperfine** [GB29, Bel82, GB30, GP31, ZBG30]. **Hypothese** [UG25]. **Hypothesis** [Pau85a, UG25, Gau14].

Idea [Pau94m, Bro78]. **ideal** [Fer26]. **idealen** [Fer26]. **Ideas** [AvMMH+07, GHMP87, Pau94g, Pau94e, AP06, Ble91a, Ble91b, Krö54, Pau52b, Pau54b, vM68]. **Idee** [Pau48a, Pau50b]. **Ideen** [Ble91b, Pau54b, vM68]. **identical** [Fer24, Mil07]. **identici** [Fer24].

Ignatovich [MKD+91]. **ihre** [Pau74]. **ihrer** [Pau24a]. **II** [ARK+99, BT58, DT58, Eis00, HW87, Hei84, OSWR86, Pau33d, vMHW85, vM99, Goe49, GP31, HP30, Hei56, Hei84, LD68, Pau33d, SB53]. **III** [BDR93, BT58, Bro95, DT58, Eis02, Hei84, vM93, vM01, Hei84]. **im** [ET60, FP39b, Fis99, Pau25e, Pau25c, Pau40b]. **impact** [AF14]. **Impenetrability** [Ehr27b, Ehr27a]. **implementation** [Bad11]. **implications** [RC88]. **Importance** [Mar44, SOCg82]. **important** [Str00]. **Impressionen** [Pau61c]. **Impressions** [Pau94f, Pau61c]. **incarnation** [vE95]. **including** [Ano64, SS98]. **incorporating** [ST82, ST84]. **increase** [Pau28]. **indefinite** [Pau58d]. **independent** [Kap02]. **induction** [Mas04]. **inequalities** [BH09, Suz73]. **inequality** [CP84]. **Infinitesimalrechnung** [BPP64]. **Influence** [Pau94g, Krö54, Pau24a, Pau25f, Pau52b, SKS85, ZSJY82]. **Information** [Bon81]. **Ingenieur** [BPP64]. **Ingenieur-** [BPP64]. **inhibited** [CP93]. **inner** [UG25]. **Innere** [MGG+95]. **inneren** [UG25]. **innermost** [Gie05]. **innocence** [FW07]. **Inquiry** [Gib19]. **ins** [MGG+95]. **Insight** [Wei91b]. **institut** [CCJ+34]. **Institute** [CCJ+34, Ano45a]. **Instituts/Fölsing** [MGG+95]. **integrals** [HGF91, ZF00]. **intelligenten** [GRE+01]. **Intensität** [Pau33h]. **Intensitäten** [Pau25e]. **intensities** [Pau25e]. **intensity** [Pau33h]. **Interaction** [DET74a, DET74b, HEB+80, Pec93, Hei84, KM89]. **Interactions** [PH45, KS81, KMS80, PD42b, SKS85]. **interferometers** [YS93]. **interior** [Pla89]. **intermediate** [Cav00, CNT99, CNT00]. **International** [BT58, DT58, GHMP87, Meh73, CCJ+34]. **Interpretation** [CM30, Hug89, JP55, Pec93, Bon81, Pau24a, vM85]. **Interpretations** [Deg89]. **Introduction** [Enz94b, PW35]. **invariance** [Pau40b]. **Invariant** [PV49]. **Invarianz** [Pau40b]. **invented** [Enz82]. **inventory** [KHFA67]. **Ion** [HEB+80, Pau21c, Pau22]. **ions** [NM91]. **ISBN** [Bro86, Che85, Coo03, Dys02, Hen86, Str04a]. **Isospin** [HP93, Pau93]. **Isotopic** [Pau53c]. **Isotropico** [Gul54]. **Issues** [Wes85, Pau33a]. **Italian** [Fer24, Fer34, Maj37, Pau58e]. **Italy** [GR00, Meh73]. **iuber** [Pau51e, Pau51d]. **IV** [ARK+99, BT58, DT58, Eis00, Eis02, Pau51e, Pau51d, vM96, vM99, vM01, vM05b, Far01]. **IV/Teil** [ARK+99].

J [HW87]. **J.** [OBxx, Pau33f]. **ja** [Lau80, Lau82]. **Jahr** [Pau85a, Pau01]. **Jahre** [RP79, Sti77, vM05a]. **jedes** [UG25]. **Joensuu** [LM85]. **John** [Bro86, Wes85, dB86, Che85]. **Jonathan** [Ber06]. **Jordan** [Pau30b, Deg89, Sch99a, Sch99b]. **journalist** [BS12]. **Journalistin** [BS12]. **Journey** [FR13b]. **Joy** [Wei91b]. **June** [LM85]. **Jung** [APWB95, AF14, Fis99, MGG+95, Mei92, MM11, Pes05, Sch02, APWB95, Fis99, GP00, Gie05, Lin04, Mei92, MEF01, Mil09, Mil10, MM11, vE95, vB10]. **Jung-Dialog** [APWB95]. **just** [EFK90].

K. [vM90]. **kabbalists** [Kev00]. **Källén** [Hei56, Nel72, Pag65, Raj76]. **Kärger** [ARK+99]. **Karl** [Eis00, HW87, Sch01, Bro95]. **Kastler** [Ano85].

Kausalitat [Pau36c]. **Kay** [MKD+91]. **Kepler** [JP52, Krö54, Pau52b, Pau94g, Krö54]. **kernel** [Gie05]. **Kernmoment** [BG28]. **Kernphysik** [Fis04, Fis11, Pau35b]. **Kinetic** [QS98, Pau73e, PE00e]. **Kirche** [MGG+95]. **kirjeensä** [Lau80]. **Kirschner** [OSWR86]. **Klassiker** [EFK90]. **Klassische** [Pau33c]. **Klein** [CV02]. **kleiner** [Pau46a]. **kleinsten** [Fis10, Fis12]. **Knobloch** [MGG+95]. **Knowledge** [Sta07, Cas03]. **known** [PB40]. **Koch** [HEB+80]. **Kohäsionskräfte** [Fre28]. **Kohn** [QS98]. **Kombinationslinien** [Pau25e]. **Kometenschweifen** [PB27]. **kommentiert** [Sch01]. **Komplementaritat** [Pau50b, Pau48a]. **Komplexstruktur** [Pau25c]. **Komplexstrukturterme** [Pau23c]. **Konferenz** [Pau56c]. **Koordinaten** [Pau33c, Pau33d]. **Korrespondenzprinzip** [Pau24b]. **kosmischen** [MM11]. **Kosmos** [Fis04, Fis11]. **kräftefreier** [Fie39]. **Kraftfeldern** [Pau58g, Pau58h]. **Kraus** [GRE+01]. **Kristallen** [Pau25d]. **Kriterium** [Pau39]. **Kronig** [Bal65]. **Kunz** [HEB+80]. **kvantovoi** [Pau75a, Pau77a]. **kvantovuyu** [Pau65b].

L [All56, Mor56a, Pau24d]. **Laboratory** [Nav06]. **ladungsfreier** [JP28]. **Lancaster** [Che85]. **Lanczos** [FF87]. **Langenscheidts** [GRE+01]. **langwelliger** [FP38, PF38]. **Laser** [OSWR86]. **last** [Enz00]. **laureate** [Ano64, SS98]. **Laurikainen** [MKD+91, vM90, Gie90]. **law** [Gau14, Sza97, Woi06]. **Laws** [Ber06, Pau94u, Pau23b, Pau33c, Pau33d, Pau58c]. **leap** [Fis10, Fis12]. **Leben** [ARK+99, MGG+95, BS12]. **Lecce** [GR00]. **Lecture** [Pau47d]. **Lectures** [YK73, Ano64, LM74, Pau61b, Pau61a, SS98, MKD+91, PE57]. **Lee** [KP55, Raj77]. **legend** [Sta80]. **Lehmann** [HEB+80]. **Lehr** [BPP64]. **Lehr-** [BPP64]. **Lehrbuch** [HEB+80]. **Leipzig** [vM05a]. **Leipziger** [vM05a]. **L'électron** [Pau32d]. **lengths** [Nou06]. **lepton** [Pau57a]. **Letter** [Ein79, Pau30d, Hei79b]. **Letters** [DGB+01, Pes05, Sch02, Lau80, MEF01, vM68]. **Level** [Coo03, NM91]. **Levels** [Sto24]. **Li** [GP31, PK56, GP31]. **Lichtes** [Pau20a]. **Lichtquant** [Pau24d]. **Lichtquanten** [Pau24d, FP38]. **Lichtquanten.** [PF38]. **Lie** [PZ88]. **Lieb** [LT91, LT97, LT01, LT05]. **Life** [MGG+95, Dys02, BS12]. **Light** [Pau38a, Sta80, FP38, Pau20a, Pau24d, PF38]. **Limit** [BBB+10, PBB+11, GH99, Ara90, BNP05, KLL90]. **Limiting** [Pau43a]. **Limits** [BMT99, Cas03, Hei84]. **Lindner** [MGG+95]. **line** [Pau40b]. **lines** [Pau24a, Pau25e, RC25]. **Linienelementes** [Pau40b]. **Literature** [Ano45a]. **lives** [Coo03]. **livre** [Ano05]. **Local** [GM87, GM88, GM89a, GM89b, Pau53a, YS93]. **local-realism** [YS93]. **logic** [Boy14]. **London** [Ber06, Dys60]. **long** [FP38, PF38]. **long-wave** [PF38]. **long-wavelength** [FP38]. **Lorentz** [Pau29c, Ehr31, Pau31a, Pau55a]. **Lorentzmedaille** [Ehr31, Pau31a]. **Lösung** [MGG+95]. **Lösung/Meÿenn** [MGG+95]. **love** [CG14]. **Low** [McC86, PJ44]. **Low-temperature** [McC86]. **lower** [Pau46a]. **LS** [Pau24d]. **Lubanski** [Łop91]. **Ludwig** [Eis91, Eis91].

M [Pau30c]. **M.** [Pau25b, Pau30b, Pau34]. **Mach** [Smu90]. **Made** [Pei92, Cli87, Haw11]. **Magnetic** [BU26, Pau75b, Pau24a, Pau27b, Pau32d, Pau33f, SS75]. **magnetique** [Pau32d]. **magnetische** [Pau24a]. **magnetischen** [Pau27b]. **Magnetism** [Pau75b, Pau32d]. **magnetisme** [Pau32d]. **magnetized** [BGTJ99]. **magneton** [Pau20c, Pau20c]. **Mai** [Fis99]. **Majorana** [Esp07, EAW15]. **Make** [Fin92]. **making** [Bel99]. **man** [Ore01]. **Managing** [MKD+91]. **MAPLE** [Bay96]. **March** [Pau31b]. **Martin** [ARK+99]. **Mass** [JBE+00, Ein41, FWS+85, NFG+91, Pau25f, Pau40b, Pau53c]. **mass-velocity** [FWS+85]. **Massimi** [Kra09, Sta07]. **massless** [DC86]. **master** [FF87]. **matematicheskoi** [PK56]. **Materie** [MGG+95, vEA02]. **Materie/Brandmüller** [MGG+95]. **Materiewellen** [Pau33d]. **Mathematical** [ARK+99, BT58, DT58, EAW15, KP55, Pau35a, PK56, Pau36b]. **Mathematics** [HW87, Pau85b, Scu07b, Ano93, BPP64, Rös91]. **Mathematik** [Ano93, BPP64, Rös91]. **mathématiques** [Pau36b]. **mathematischen** [Pau35a]. **mathematischer** [Pau26a]. **matrices** [BH09, Han11, HPPT02, PZ88, Pau35a, Pau36b, PST06]. **Matrix** [ST84, Kij72, KK73, ST82, dGPS00]. **Matrizen** [Pau35a]. **Matter** [ARK+99, DL67, Ehr27b, Ehr27a, LD68, Pau54a, Pau94h, AP06, LT91, LT97, LT01, LT05, Pau33d, Wei70, vEA02]. **Matter/Friedrich** [ARK+99]. **matters** [Rei72]. **Max** [Fis10, Fis12, Fis10, Fis12, MKD+91]. **Max-Planck-Medaille** [BT58, DT58]. **Maximal** [BH09]. **Maxwell** [Scu07a, Sza97]. **May** [AvMMH+07, Fis99]. **Mayer** [PS32a, PS32b]. **Meaning** [APWB95, DT18]. **Means** [BU26]. **mécanique** [Pau53b]. **Mechanical** [Ser77, BP22, BP63, Kap02]. **Mechanics** [Bel86, Bro86, Che85, Fre15, Hei79a, Hug89, Pau47d, Pau47e, Pau94d, PW35, Scu07c, dB86, vdW67, ACD90, GR00, Hei60, Hen84, PM26, Pau26c, Pau27b, Pau28, Pau33g, Pau33a, PF37, Pau39, Pau53b, Pau56e, Pau58b, Pau64b, Pau65a, Pau73d, Pau73f, Pau80, PE00d, PE00f, Set09, Wes85, dlPA71, vdW68, vM85, Pau47a, Pau30c, Pau56d]. **Mechanik** [GRE+01, Pau47e]. **mechanischer** [BP22, BP63]. **Medaille** [BT58, DT58]. **Medal** [Pau31a, Ehr31]. **media** [Pau20a]. **Medien** [Pau20a]. **Mediziner** [HEB+80]. **Mediziner/Hermann** [HEB+80]. **Meeting** [CCJ+34, GHMP87, Lin04]. **mehr** [EFK90]. **Meier** [Pes05, Sch02]. **mein** [Pau70, Pau90a]. **Meitner** [MGG+95]. **Members** [BC51]. **Memorial** [Ano60a, FW60, Rei72]. **Memories** [Gle86, Wei85, Hei60, vW59]. **Men** [Cli87]. **mensording** [vE95]. **Mercer** [FW07]. **Mercury** [Pau19a]. **Merkurperihelbewegung** [Pau19a]. **Meson** [PD42a, Pau43a, PK43a, PK43b, Pau46b, Pau43c, Bor47]. **mesotron** [PD42b]. **message** [Lau97]. **Metal** [SZ97]. **Metalle** [SB33]. **metals** [SB33, SB53]. **Method** [Pau43b, Pec93, BDQR11, PJ44, Pau47c, ST82, ST84]. **Methode** [Pau47c]. **methodological** [Set09]. **metric** [Pau58d]. **Meyenn** [Bro95, Eis00, GRE+01, HEB+80, HW87, Sch01, ARK+99, MGG+95].

Michela [Sta07, Kra09]. **might** [Gou76]. **Miller** [vB10]. **Millikan** [BC51]. **Mind** [Hür22, AP06]. **minds** [Lin04]. **minimal** [Nou06]. **Minnesord** [Kle59]. **Miramare** [Meh73]. **Mises** [Ano93]. **Misprints** [BT58, DT58]. **Mistral** [Ano45a]. **Mitwirkung** [Sch01]. **Mixed** [PK43a, PK43b]. **mixtures** [Pau58h]. **Mladjenovic** [ARK+99]. **Model** [Joh33, Ara90, BCP89, BNP05, HSS11, KP55, Pau21c, Pau22, Raj77, ST82, ST84, Suz73, ZSJY82]. **Modelers** [Lak96]. **Modeling** [ARK+99]. **Modeling/Origin** [ARK+99]. **Modell** [Pau21c, Pau22]. **Models** [Lak96]. **Modern** [APWB95, Gib19, LM85, Pau94r, Str08, dB86, Bra09, EFK90, OS00, Pau36c, Uns00]. **moderne** [APWB95, MGG+95, Uns00]. **modernen** [EFK90, Pau36c]. **Modified** [BG88, Pec93]. **möglich** [Hei79a]. **molecular** [Pau21c, Pau22]. **Molecule** [Den27]. **Molekülions** [Pau21c]. **moment** [BG28, CG14]. **Momenta** [Kra65]. **moments** [Bag11]. **monatomic** [Fer26, Pau20b]. **Monte** [AvMMH+07]. **most** [Haw11, Str00]. **Motion** [Tho26a, ZSJY82]. **Mott** [MKD+91]. **Moving** [GR31, Pau20a, Pau33h]. **multiparticle** [ZY88]. **Multispinor** [DC86]. **Mushrooming** [Wei88]. **Must** [Gar63a]. **my** [Pau70, Pau90a]. **Mystery** [FR13b, Scu07a]. **mystical** [Deg89]. **Mysticism** [Scu07b]. **mystics** [Scu07a].

Några [Kle59]. **nach** [Fin49, MM11, PM26]. **Nachtträume** [Fis04, Fis11]. **Nanocrystals** [ARK+99]. **Nanocrystals/Gershenfeld** [ARK+99]. **narrated** [Pau90a]. **National** [RW94]. **Natur** [MKD+91]. **Natur-** [MKD+91]. **Natural** [Pau94e, Boy14, Pau52a, vdWPR52, Pau54b]. **Nature** [ARK+99, JP55, Meh73, Nat03, Pau33c, Pau33d]. **Naturerklärung** [JP52]. **Naturgesetze** [Pau33c, Pau33d]. **Naturwissenschaften** [Pau29b, Pau30a, Pau32a, Pau33e, Pau52a, vdWPR52]. **Naturwissenschaftliche** [Pau54b]. **naturwissenschaftlicher** [JP52, Krö54, Pau52b]. **natuurkunde** [Cas92]. **Neu** [Sch01]. **neuen** [Pau26c, Pau28]. **neueren** [Pau57c, Pau61d]. **Neutrino** [Ano56, CRH+56, GLR14, Mor56b, Pau85a, Pau94j, RC53, Sul62, Win91, Bro78, Enz82, Nav06, Pau31d, Pau57c, Pau61d, Pau77b, Pau91, Pau77b]. **Neutrinohypothese** [Pau85a]. **Neutrinos** [Gar63a, Nat03, Bon05, Fra04, Pau57c, Pau61d]. **Neutron** [Cha32b, Cha32a]. **neutrons** [Bon05, SS75, MKD+91]. **Neutrons/Belyaev** [MKD+91]. **nicht** [ET60]. **Nichtlineare** [MGG+95]. **Niels** [KP55, Mor56a, OBxx, Pau45a, PRW55, PB58, Pau94i, SM08, All56, Mor56a]. **Nil** [PB58]. **Nil'su** [PB58]. **NMR** [SZ97]. **No** [Enz02, Sta07, HSS11, Tel03, Coo03, Dys02, Str04a]. **no-binding** [HSS11]. **Nobel** [Enz05, Pau47d, Ano45a, Ano45b, Ano64, dVNHdVH53, dVNHdVH71, Pau45b, Pau47d, SS98]. **Nobelpreisträgers** [Enz05]. **Nomenclature** [BT58, DT58]. **Nomenclature/Additions** [BT58, DT58]. **Non** [GP00, Ein41, EP43, Pau53a, ZF00, Coo03]. **non-existence** [Ein41, EP43]. **non-local** [Pau53a]. **non-orthogonal** [ZF00]. **Non-separability** [GP00]. **non-specialist** [Coo03]. **non-vanishing** [Ein41]. **noncommuting** [ET60].

nonlinear [Mie81]. **nonrelativistic** [Ara90]. **Norton** [vB10]. **Note** [Den27, BDQR11, Bel82, GG05]. **notes** [Dys60]. **novel** [Pau72b]. **Noyau** [Pau34]. **noyaux** [CCJ+34]. **Nuclear** [ARK+99, Jen00, Kra65, MGG+95, Pau46b, Ada72, Bor47, Fis04, Fis11, Gou61, Kae48, PD42b, vO69, BG28]. **Nuclei** [Ell48, Goe48, Goe49, CCJ+34, JMS80, KK73, vO69]. **Nucleon** [GRE+01, ACD90]. **nucleon-alpha** [ACD90]. **Nucleon/Sube** [GRE+01]. **Nucleons** [GH99, BMT99, LL79, NFG+91]. **Nucleus** [DET74a, DET74b, FR13b, DL76, SSF82, SHS81]. **nucleus-nucleus** [SSF82, SHS81]. **Nullpunktsenergie** [ET60]. **Number** [Mil09, VNB08, vB10, MM11]. **nur** [EFK90]. **NUT** [CV02].

o [Bro95, PK56]. **obéissant** [Pau36a]. **obeying** [Pau36a]. **Obituary** [Pau33b, Ano59b, Lan59b, Lan59a, Pau51b, Pau51c]. **Object** [GR31]. **Objection** [LM17]. **Objekten** [GRE+01]. **Obsession** [Mil10]. **Occasion** [Mor56a, KP55, PRW55]. **October** [CCJ+34, Ehr31, Far01, GR00]. **octobre** [CCJ+34]. **Oktober** [Ehr31]. **old** [Pau57c, Pau61d]. **Olson** [HEB+80]. **onde** [Pau53b]. **One** [FM68b, FM68a, Gib19, Sta09, Cas03, Pau39]. **One-** [FM68b, FM68a, Pau39]. **only** [PD42b]. **open** [GR00]. **Opening** [Pau56c]. **Operations** [BT58, DT58]. **Operator** [Eck26, BLV05, Bes00, GS04, Hen81b, Łop91]. **operators** [CV02, IiS03]. **Oppenheimer** [OBxx]. **Optical** [ARK+99, Rus24]. **Optics** [PE57, Pau73b, PE00b, Pau32c]. **Optik** [PE57, Pau32c, Pau51e, Pau51d]. **Optoelektronische** [OSWR86]. **Oral** [Wei88]. **orbitals** [Boy14, ZF00]. **order** [GB27]. **Origin** [ARK+99, Kra09, Sta07, Mas05]. **Original** [BDR93]. **Originalarbeiten** [BDR93]. **origins** [OS00, Set09]. **Ornstein** [Pau24d]. **orthogonal** [ZF00]. **oscillating** [Bon05]. **Oscillations** [Fra05]. **oscillator** [Pau47c]. **Österreichische** [Ano93]. **Oszillatorenstärken** [Pau47c]. **other** [MGG+95, Rei72]. **Otto** [Ano45a, GRE+01]. **overlapping** [YS93]. **Oxford** [Coo03, Dys02, Str04a].

P [Coo03, Dys02, Enz00, Pau25a, Pau30b, Str04a, Tel03, YK73]. **P.** [Pau30c, Pau35b]. **Paarläufe** [FS06]. **pages** [Eis00, Sch01, vB10]. **Pair** [PH45, FS06, PCC10]. **pairing** [BCP89]. **Pais** [Pau53c]. **paper** [Dit15, Pau34]. **Papers** [KW64, Pau64a, Sch58, Sch03, BDR84, Eur69, Eck70, Eck73, Haw11, OBxx, BDR93, Bal65]. **parafermionic** [CP93]. **Paramagnetism** [Aoi73, Aoi71, Pau27a, Pau90b]. **Paramagnetismus** [Pau27a]. **paramètres** [Pau53b]. **paranormal** [Deg89]. **Part** [BDR93, Eis02, vM96, vM99, vM01, vM05b, Eis00, GP31, Pau33c, Pau33d]. **participants** [Pau30d]. **Particle** [ARK+99, BH83a, BH83b, BCP89, BH82, GG05, Gau14, Kal89, KS81, SG78]. **particle-hole** [BCP89, Kal89]. **Particles** [Fie39, Hei84, HP93, Pau41, Pau93, FP39b, FP39a, Fis10, Fis12, Mil07, PB27, Pau36a, PB40, PT59, Raj77, SP77, dlPA71]. **particules** [Pau36a]. **partly** [SHS81]. **Paschen** [GB30, GB29, GB30]. **Passage** [Pei85b]. **Passions**

[Wei91b]. **past** [Pet11]. **path** [SH99]. **Paul** [OSWR86, Enz94a, Pau33b, Pau94k]. **Pauli** [All56, Ano53, APWB95, ARK+99, AvMMH+07, AF14, Bal65, Bel86, Ble91b, Bro86, Bro95, Cav00, Che85, CNT00, CP84, Dys60, Ehr31, Ein22, Ein79, EFK90, Eis91, Eis00, EM88, EGO97, Enz05, FWS+85, FR13c, Fie59, Fis99, Fis04, Fis11, FM68b, Fre28, GRE+01, HEB+80, HW87, Hei59, Hen86, HvMW79, Kem59, Krö54, MGG+95, Mei92, Mie81, MM11, Mor56a, OSWR86, BS12, Pei60b, Pes05, Sch01, Sch02, ST84, Sta07, Uns00, Wes85, YK73, dB86, vEA02, vB10, vMHW85, vM93, vM96, vM99, vM01, vM05a, vM05b, ASG05, ATY92, AP80, ACD90, Ano45a, Ano45b, Ano58, Ano59a, Ano59b, Ano60a, Ano60b, Ano85, Ano93, Deg89, Aoi71, Aoi73, Ara90, APWB95, AP06, BC09, Bad11, BGTJ99, BCP89, Bar10, BLV05, BG88]. **Pauli** [Bar79, BMT99, BBB+10, BSI+82, Bay96, Bel82, BNP05, Bes00, Bet72, Bet00, Ble91a, Ble91b, BS73, BT58, BH09, Bon81, BP03, Bor47, BBMS08, Boy14, CC83, CMM+07, CCS95, CM30, Coo03, CV02, CP92, CP93, CNT99, CM09, PBB+11, DT58, Dit15, DC86, DET74a, DET74b, DL76, DPS97, DGB+01, Dys02, Eur69, Ehr27b, Ehr27a, Ehr31, Ein22, EFK90, Eis91, Eis02, Enz73, Enz82, Enz85a, Enz85b, EM88, Enz94a, Enz94b, EvM94, EGO97, Enz00, Enz02, Enz05, Esp07, FW07, FR13a, FW59, FW60, FRKK95, Fin92, Fin49, Fis99, Fis04, Fis11, Fle07, FM68a, Fra05, Fre28, Fre30, FF87, Gar63a, GS04, GP00, Gie05, Gla01, Gle86, Gou61, GM87, GM88, GM89a, GM89b, GH99, GH75, Hal91, Hal86, Han10, Han11, HPPT02, Hei56, Hel67, Hen81a]. **Pauli** [Hen84, HGF91, HSS11, Hor11, HNPT06, HP70, IiS03, JBE+00, Joh33, JMS80, JW28, Kac74, Kal89, Kap02, Kap13, KLL90, Ken30, Kij72, KS81, Kle59, KM89, Kra09, Kra65, Krö54, KW64, KMS80, Lan59b, Lan59a, Lau80, Lau82, Lau85b, Lau85a, Lau88, Lau97, LM17, LM74, Lin04, LL79, Łop91, Mas04, Mas05, McC86, MEF01, MKD+91, Mey04, Mil09, Mil10, MM11, MS94, NM91, Nag10, NMS84, Nel72, NN99, NFG+91, Nou06, Pag65, Pai00a, PZ88, BS12, Pec93, Pei85a, Pei92, PST06, Pla89, PCC10, QS98, RC88, RL77, Raj76, RS74, RP79, SSF82, SOCg82, SZ97, Sch99a, Sch99b, SS75, ST82, Scu07b, Scu07c, Ser77, Set09, Smo87, Smu90, SHS81, SKS85, Sta80, Str00, Str08, Sza97, Ter65, Uns00, Wei85, Wei91a, Xue91, YK73]. **Pauli** [YS93, ZF00, Zha02, ZY88, ZSJY82, dGPS00, dR99, vE95, vE98, vExx, vEA02, vM00, vM68, vM85, vM87, vMS01, vM05a, vO69, vW59, Coo03, Dys02, Gie90, Sti77, Str04a, Tel03, vM90]. **Pauli-algebra** [Bay96]. **Pauli-allowed** [FRKK95]. **Pauli-correct** [KS81]. **Pauli-equation** [SS75]. **Pauli-Fermischen** [Fre28]. **Pauli-forbidden** [SHS81]. **Pauli-Jung-Dialog** [MGG+95]. **Pauli-Prinzip** [Fin49]. **Pauli-Type** [SZ97]. **Pauli/Falk** [MKD+91]. **Pauli/Jung** [Pes05, MEF01]. **Paulis** [vExx, vM68]. **Paulische** [JW28]. **Peacock** [ARK+99]. **Pergamon** [Dys60]. **perihelion** [Pau19a]. **Periodensystem** [Fin49]. **Periodic** [Pau94o, Fin49, Pau55c, SB53, Pau52c]. **periodischen** [Pau52c]. **Personal** [Uhl76, Wei85, Enz00]. **perspective** [GP00]. **Perturbation** [Pau24c]. **Peter** [Ber06]. **Phänomen** [Pau57b]. **Pharmazeuten** [HEB+80]. **phase** [Suz73]. **Phenomena** [Pau57b].

phenomenological [EAW15]. **Phenomenon** [Pau94l]. **Philosopher** [Hen81a, Sch49a, Sch49b, Enz85b]. **Philosopher-Scientist** [Sch49a, Sch49b]. **Philosophic** [Pau47a]. **Philosophical** [AvMMH+07, Gie90, Mar44, MKD+91, Pau94m, vM90, GP00, Lau88, Pau50b]. **philosophische** [Pau50b]. **Philosophy** [dR99, EvM94, Lau82, Lau85a, Sce16]. **Photograph** [GR31]. **photon** [Pau24d]. **Photonen** [Pau46a]. **photons** [PJ44, Pau46a]. **Photovoltaik** [MGG+95]. **Photovoltaik/Lindner** [MGG+95]. **Physical** [BT58, DT58, HW87, Pau85b, Pau94l, Pau57b, Woi06]. **Physicist** [Ano58, Pei85b, Wei91b, Enz85b, Meh73]. **Physicists** [Eis91, Hür22, Ada72, Cli65, Cli87, Kev00]. **Physics** [Ano45b, ARK+99, BM04, BS73, BT58, BBSR69, BH83a, BH83b, DT58, DH91, Gam85, Gil09, LM85, Meh73, MKD+91, Mor56a, Pau45b, Pau94a, Pau94n, Pau94r, Pau94u, Str08, Wes85, Ano93, Deg89, Ble91a, Ble91b, Bra09, BH82, Cas92, Cli87, Dys02, EFK90, EM88, EvM94, EAW15, FW60, Fis04, Fis11, Gam66a, Gam66b, Gam72, GHMP87, GP00, Gie05, Haw11, dVNHdVH53, dVNHdVH71, Kae48, KHFA67, McC86, Meh75, Pau36c, Pau54c, PRW55, Pau58a, PB58, Pau58c, Pau61b, Pau61a, RG76, SS98, Str00, Str11, Uns00, Win91, Ano64, Ber06, CCJ+34, Pau47d, All56, DT18, YK73]. **Physics/Grosse** [ARK+99]. **Physics/Peacock** [ARK+99]. **Physik** [Ano93, GRE+01, HEB+80, MGG+95, Pau51e, Pau51d, Pau61b, Pau61a, Sti77, Ble91b, EFK90, EM88, MKD+91, Pau36c, Pau54c, Pau58a, Uns00, Pau29c]. **Physik-Lehrbuch** [HEB+80]. **Physik/Vilenkin/Shellard** [MGG+95]. **Physikalische** [Pau57b]. **physikalischen** [Pau31c, Sti77]. **Physiker** [Eis91, MKD+91]. **Physiker/Kay** [MKD+91]. **physique** [CCJ+34, Pau47d]. **pierces** [Pau70, Pau90a]. **pilot** [Pau53b]. **pilot-wave** [Pau53b]. **pilote** [Pau53b]. **Pion** [Bet72, DET74a, DET74b, DL76]. **Pion-Nucleus** [DET74b]. **pioneering** [vM68]. **Pittsburgh** [Sta07]. **Planck** [BT58, DT58, Fis10, Fis12, MKD+91, CG14, Fis10, Fis12]. **plane** [IiS03, MKD+91]. **Plaschko** [MGG+95]. **Plato** [Scu07b]. **platonic** [Cas03]. **Podolsky** [LM85]. **Poincaré** [IiS03]. **point** [ET60]. **Polarization** [PR36, SG78]. **Polarized** [OSWR86]. **Poles** [HP70]. **politics** [Sch99a, Sch99b]. **polya** [PK56]. **Pontecorvo** [Bon05]. **Portrait** [Pai00b, Smo87]. **portraits** [Far01]. **Positron** [PR36, Maj37]. **positrone** [Maj37]. **Possible** [BU26, Cha32b, GM87, GM88, GM89a, GM89b, ATY92, CP92]. **Postscript** [Pau93]. **postulate** [Kap02, Pau31d]. **posvjascennyj** [PB58]. **Potential** [QS98, KM89, NM91, Nag10, NMS84, SOCg82, SB53]. **potentials** [KS81, ST82, ST84]. **Pp** [Che85, Coo03, Hen86, Sta07, Bro86, Dys60, Dys02, Str04a]. **Practice** [Sta09, BPP64]. **Prague** [Smu90]. **Präsident** [Pau56c]. **Prediction** [GLR14]. **Preface** [Enz94a]. **Prejudice** [RG76]. **prescription** [Cav00, CNT99, CNT00]. **presence** [BBMS08, Nou06]. **Present** [Hei79b, Hei79a]. **presentation** [Ano64, SS98]. **President** [Pau56c]. **Press**

[Coo03, Dys60, Dys02, Sta07, Str04a]. **pressure** [PB27]. **price** [Dys02, Str04a]. **Primas** [MGG+95]. **Princeton** [Ano45a]. **Principle** [Cav00, CNT00, Kra09, Kra65, Mar44, Pau94d, Sta07, BGTJ99, Bon81, CP93, CM09, Fle07, JMS80, Kal89, Kap02, Mas05, NFG+91, Pau38b, Pau55a, Pau64b, Pla89, SKS85, ZSJY82, ATY92, AP80, ACD90, Bar10, BMT99, BBB+10, Bet72, CMM+07, CM30, CP92, CNT99, PBB+11, DET74a, DET74b, DL76, Ehr27b, Ehr27a, FR13a, Fin49, Fre30, GM87, GM88, GM89a, GM89b, GH99, Hal91, Hal86, HP70, JBE+00, Joh33, Kap13, KLL90, Ken30, KMS80, LL79, McC86, Pau46c, Pau47d, Pau77b, PCC10, RC88, RS74, Rus24, Str04b, Str07, YS93, vO69, Kra09]. **Principles** [BT58, DT58, Pau30c, Pau33g, Pau58b, Pau80]. **Prinzip** [JP52, Fin49]. **Prinzipien** [Pau31c, Pau33g, Pau58b]. **prix** [Pau47d]. **Prize** [Ano45b, Enz05, Pau45b, Pau47d, Ano45a, dVNHdVH53, dVNHdVH71]. **Prizes** [Ano45a]. **Probability** [Pau94n, Pau52a, vdWPR52, Pau54c]. **Problem** [Fre28, GG05, PJ44, Pau53b, PCC10]. **problème** [Pau53b]. **problems** [Pau56a]. **proceedings** [GHMP87]. **Process** [Pau43a]. **processes** [Hel67, ST82, ST84]. **product** [Han10, Han11, PST06]. **Production** [HEB+80, BSI+82]. **Production/Olson** [HEB+80]. **Prof** [Ano45b]. **Prof.** [Ano53, Ano58, Enz00, Kem59]. **Professor** [ARK+99, Ehr31, Ano38, Ehr31, KP55]. **program** [HGF91, ST82, ST84, ZF00]. **prohibition** [JW28]. **prononcé** [Pau47d]. **proof** [Kac74]. **propagation** [Pau20a]. **Properties** [ARK+99, Hei84, CCJ+34, IiS03]. **proposed** [KMS80]. **propriétés** [CCJ+34]. **Proved** [Kap13]. **Pseudoscalar** [PD42a, PK43a, PK43b]. **Psyche** [JP52, JP55]. **psychology** [Gie05]. **Publication** [Pau01]. **Publisher** [Enz94a]. **Publishing** [Bro86, Che85]. **Pure** [BT58, DT58]. **Pursuit** [Mil10, Sta07]. **Pythagoras** [Scu07b]. **Pythagorean** [Scu07a].

Quadrapole [Pau74]. **quanta** [FP38, Pau24d, PF38]. **Quantelung** [BP22, BP63, Fer26]. **Quantendynamik** [HP29]. **Quantenelektrodynamik** [Hei79b, Hei79a, JP28]. **Quantenmechanik** [GRE+01, Hei79a, Pau27b, Pau33a, Hei60, PM26, Pau26c, Pau28, PF37, Pau30b, Pau31b]. **Quantenmechanik/Thomas/Weise** [GRE+01]. **Quantenphysik** [GRE+01]. **Quantensprung** [Fis10, Fis12]. **Quantentheorie** [HP30, Pau29a, Pau20c, Pau26b, Pau48b, Pau55b, Pau31c]. **quantique** [Pau36a, Pau53d, Pau53b]. **quantiques** [Pau32d]. **Quantisierung** [PW34]. **Quantitative** [BLV05]. **Quantities** [BT58, DT58]. **Quantities/Addition** [BT58, DT58]. **Quantization** [Pau43b, BP22, BP63, Fer24, Fer26, PW34, PJ44, Pau46a, Pau47b, Pau73c, PE00c, Pau53c]. **quantized** [Pau56a]. **quantizzazione** [Fer24]. **Quantum** [Bel86, Bel99, Bro86, Che85, Dir27, Eck26, Fre15, Gam85, Gil09, GM87, GM88, GM89a, GM89b, Hei79b, Hei79a, Hug89, Hür22, Pau25a, Pau47a, Pau47d, Pau49, PV49, Pau75b, Pau94c, Pau94d, Pau94q, PW35, Pei60a, Sch58, Sch03, Scu07c, Wes85, dB86, vdW67, ACD90, Deg89, Bag11, Cli65,

Cli87, CG14, DT18, Fis10, Fis12, Gam66a, Gam66b, Gam72, GR00, GP00, Gie05, Haw11, HP29, HP30, Hei60, Hen84, JP28, Kap02, KHFA67, Łop91, PM26, Pau26c, Pau27b, Pau28, Pau30c, Pau33a, Pau36a, PF37, Pau48b, Pau53d, Pau53b, Pau55b, Pau56e, Pau64b, Pau65a, Pau65b, Pau80, Scu07a, Set09, Str11, dlPA71, vdW68, vM85, Pau20c, Pau26b, Pau32d]. **Quarks** [GH99]. **quenching** [BSI+82]. **Quest** [DT18, vExx]. **Queste** [vExx]. **question** [Pau23c, Pau24a]. **questioners** [Cli65]. **Questions** [Scu07c, GR00]. **Quon** [GH99].

R [Bal65]. **R.** [BC51]. **Radiation** [Dir27, HEB+80, BNP05, Pau23a, PB27, Pau29d, Pau33h]. **Radioaktivität** [Pau32b]. **Radium** [Kae48]. **Raggi** [Fer34]. **Random** [Web73]. **Rapports** [CCJ+34]. **Rarita** [DC86]. **Rath** [GRE+01]. **Raum** [Pau36c]. **rays** [Fer34, Pau25d]. **razvitie** [PB58]. **Reactions** [Kra65, vO69]. **Real** [Ano56, DT18]. **realism** [YS93]. **Realität** [Pau57b, MKD+91]. **Reality** [Pau94l, Rös91, Cas83, Cas92, CS10, Eis91, Lau85b, Pau57b]. **really** [Fra04]. **realm** [Kae48]. **Reason** [Ken30]. **Reborn** [Gil09]. **Rebuilding** [Fre15]. **receiving** [Pau47d]. **recently** [KMS80]. **réception** [Pau47d]. **Reciprocal** [Ehr27b, Ehr27a]. **Recollections** [Pei85b]. **Recommendations** [BT58, DT58, BT58, DT58]. **Recommendations/Additions** [BT58, DT58]. **Reflection** [Pau94u, Pau55a, Pau58c, SS75]. **Regge** [HP70]. **regime** [HSS11]. **regular** [EP43]. **Regularization** [PV49, Xue91]. **Reichenbach** [Pau47a]. **Reidel** [Bro86, Che85, Wes85]. **Rejection** [Ser77]. **Relation** [Ehr27b, Ehr27a, Boy14, KM89, Pau25c]. **relativiste** [Pau36a]. **Relativistic** [Fie39, Pau41, PV49, SZ97, EP43, FP39b, FP39a, Łop91, MS94, PW34, Pau36a]. **relativistische** [FP39b, Fie39]. **relativistischen** [PW34]. **Relatività** [Pau58e]. **Relativitätskongreß** [Pau01]. **Relativitätstheorie** [Pau56c, Sch01, Ein22, Pau21b, Pau26a, PG00]. **Relativity** [BU26, Pau01, Sch01, Hor11, Pau21b, Pau56c, Pau58e, Pau58f, Pau81, Pau94t, PG00, Dys60, Ein22]. **relevant** [Pau33a]. **Remark** [Fin92, Pei92, Pau53c]. **Remarks** [PR36, Pau46c, Pau56a, Pau20b, Pau56c, Pau53b]. **Remarques** [Pau53b]. **remembered** [Bar79]. **Remembering** [Bet00]. **Remembrance** [Gla01]. **Reminiscence** [Mey04]. **reminiscences** [Kle59, Uhl76]. **renormalizable** [KP55, PK56]. **renormalization** [Pau56a, Pau53d]. **renormiruyemoi** [PK56]. **Replacement** [UG25]. **Reply** [CNT00]. **Report** [PT59, KHFA67, Hei84]. **Reports** [CCJ+34]. **representation** [Tho26b]. **reprints** [Eur69]. **requirement** [UG25]. **residual** [Pau25d]. **resolution** [Gau14]. **Response** [Pau31a]. **rest** [Pau40b]. **restriction** [Kij72]. **Reststrahlen** [Pau25d]. **Review** [Bal65, Bel86, Ber06, Bor47, Bro86, Bro95, Che85, Coo03, DT18, Dys60, Dys02, Gie90, HW87, Hen86, Kra09, Mor56a, Pau24b, Pau25b, Pau25a, Pau26a, Pau29b, Pau29c, Pau30a, Pau30b, Pau30c, Pau31b, Pau31c, Pau32a, Pau32b, Pau33e, Pau33f, Pau35b, Pau47a, Pau51e, Pau51d, Pau56d, Pes05, Sch02, Sta07, Sti77, Str04a, Tel03, Wes85, YK73, vB10, vM90, BDR84, Ein22, Eis02].

reviews [BSRD+55, LPB+56]. **Revolution** [Kae48, Bel99, Kle05, Ano05, Kle05]. **Rezension** [Eis00, Eis02]. **Rezensionen** [MKD+91]. **Richard** [Ano93]. **Rigorous** [BNP05]. **Riss** [BS12, Pau70, Pau90a]. **Robert** [Kem94]. **Role** [Str04b, Str07, dR99, Pau52a, SHS81, vdWPR52]. **Rolle** [Pau52a, vdWPR52]. **roman** [Pau72b]. **Röntgen** [MGG+95]. **Room** [Ano60a]. **roots** [Pau58d]. **Rosbaud** [Enz94a]. **Rosen** [LM85]. **Rosenfeld** [All56, Mor56a]. **rotating** [GU26]. **Rotation** [HEB+80]. **Rotation/Haas** [HEB+80]. **roteerende** [GU26]. **route** [Bel94]. **Ruhm** [MKD+91]. **Ruhmasse** [Pau40b]. **rule** [Bon81, Boy14]. **rule-set** [Boy14]. **runs** [FS06]. **Russell** [FW07]. **Russian** [Pau38b, PK56, PB58, Pau65b]. **Rutherford** [Lak96]. **Rydberg** [Pau55c, Pau94o].

S [Pau24d, Pau26a, PB58]. **Said** [Enz05]. **Sallhofer** [Lak96]. **Sambursky** [Sti77]. **Sant** [GHMP87]. **satellite** [Pau24a]. **Satelliten** [Pau24a]. **satisfying** [Kij72]. **saturation** [SKS85]. **Savart** [Sza97]. **sbornik** [PB58]. **Scalar** [PH45, SZ97, Esp07, PW34]. **Scalar-** [PH45]. **scattered** [Pau33h]. **Scattering** [Bet72, ACD90, DL76, Hen81b, SSF82, SHS81]. **SCF** [Pec93]. **Schaltungen** [Pau74]. **scheme** [Xue91]. **Schicksal** [ARK+99]. **Schicksal/Kärger** [ARK+99]. **Schlapp** [Kem94]. **Schlußwort** [Pau56c]. **schoolroom** [Hor11]. **schools** [BPP64]. **Schriftstellerin** [BS12]. **Schrödinger** [ARK+99, CCS95, Lak96, Deg89, BC09, CC83, GH75, MS94, NN99, vM85]. **Schucking** [SH99]. **Schumacher** [HEB+80]. **schwachen** [Pau23c]. **schwarzen** [Pau29d]. **Schwinger** [DC86]. **Science** [Ano56, APWB95, AvMMH+07, Gib19, MGG+95, MKD+91, Pai00b, Pau94e, Pau94p, Pau94t, RW94, Sta07, Web73, Wei88, dB86, AP06, Cas83, CS10, FW07, FS06, Pau56c, Sce16, Pau56f, Pau59]. **Science/Goetzberger/Voß/Knobloch** [MGG+95]. **Sciences** [HW87, Pau54b, Pau85b, Pau52a, vdWPR52]. **Scientific** [Bal65, BDR84, Bro95, Coo03, Eis00, Enz73, GHMP87, Hen86, HvMW79, Kra09, KW64, Mil10, Pau64a, Pau94g, Sta07, Tel03, vMHW85, vM93, vM96, vM99, vM01, vM05b, Ble91a, Ble91b, BDR93, Cas03, Dys02, Eur69, Enz02, Haw11, Krö54, Mas05, Pau52b, RP79, Str04a, vM68, Eis02]. **Scientist** [Sch49a, Sch49b]. **Scientists** [MKD+91, Sce16, Str11]. **Scope** [Coo03]. **Scribal** [MKD+91]. **search** [MM11, Woi06]. **Sector** [Nel72]. **Seems** [GLR14, Mor07]. **sein** [Ble91b, EGO97]. **seine** [APWB95, Ble91b, MGG+95, Pau52a, vdWPR52]. **Seiten** [Eis00, Sch01]. **Selbstbiographie** [MKD+91]. **Selbstbiographie/Laurikainen** [MKD+91]. **selecta** [LT91, LT97, LT01, LT05]. **Selected** [Pau73c, PE00c, Sch58, Sch03, Bor63]. **self** [BP03]. **self-adjoint** [BP03]. **Semiconductor** [ARK+99]. **semidesjatiletiem** [PB58]. **sense** [Fis99]. **separability** [GP00]. **separable** [KS81, Zha02]. **sept** [Ano05, Kle05]. **September** [Ein79, GHMP87, JG04, Meh73, Pet11]. **septième** [CCJ+34].

Seriendarstellung [Tho26b]. **Series** [BDR84, BDR93, Pau38a, Tho26b]. **Service** [EGO97]. **set** [Boy14]. **seven** [Kle05, Sce16]. **seven-times** [Kle05]. **Seventh** [CCJ+34, Far01]. **Seventieth** [Mor56a]. **Sham** [QS98]. **Shaped** [Gib19]. **shell** [KK73]. **Shellard** [MGG+95]. **Shells** [Ell48, Goe48, Goe49]. **Shielding** [SZ97]. **Shmuel** [Sti77]. **Shook** [Gam85, Gam66a, Gam66b, Gam72, Haw11]. **Significance** [Pau94m, Pau50b]. **similarity** [Pau40b]. **simmetrica** [Maj37]. **simple** [PZ88]. **since** [Meh75]. **Single** [GR31, Hür22, Boy14]. **singularities** [Ein41]. **Sinn** [Fis99]. **sistemi** [Fer24]. **Sixty** [FR13b]. **skalaren** [PW34]. **Sketches** [RP79]. **Skizzen** [RP79]. **slow** [Bon05]. **small** [CP92]. **smallest** [Fis10, Fis12]. **Socialism** [RW94]. **Society** [Gib19]. **Software** [ARK+99, GRE+01]. **solenoids** [GS04]. **Solid** [BM04]. **Solid-State** [BM04]. **Solids** [HEB+80, Pei60a]. **Solution** [Eck26, FF87, Nel72, Pag65, SS75]. **solutions** [EP43, Mie81]. **solvable** [CC83, CCS95]. **Solvay** [CCJ+34, Far01, Meh75, CCJ+34]. **Some** [Kle59, Pau38b, OS00, Pau24a, Pau33a]. **Sommerfeld** [Lak96, Pau51e, Pau51d, Ano38, BC51, Pau48b, Pau51a, Pau51b, Pau51c, Pau94b, Pau94q, Set09]. **Sommerfelds** [Pau48b]. **Sonnenenergie** [MGG+95]. **Sources** [KHFA67, Pau85b, vdW67, vdW68, HW87]. **sous** [CCJ+34]. **Space** [Pau94r, Enz85a, FRKK95, Hei56, Pau55a, Pau36c]. **space-time** [Pau55a]. **spacing** [BCP89]. **Spain** [GHMP87]. **special** [Hor11]. **specialist** [Coo03]. **Specific** [Den27]. **Spectra** [Rus24, UG26, Boh26, GU26, KP23, Pau25c]. **Spectral** [IiS03, Bes00, Pau24a]. **Spectrometry** [JBE+00, NFG+91]. **spectroscopic** [Mas04]. **spectrum** [Gau14, GB27, Pau26c, RC25, Tho26b]. **Speech** [Ehr31]. **speeches** [Ano64, SS98]. **Spektrallinien** [Pau24a]. **Spektren** [Pau25c]. **spel** [vE95]. **Spiegelungs** [Pau58c]. **Spiegelungs-Symmetrien** [Pau58c]. **Spin** [Bur58, FP39b, Fie39, Gul54, LZ58, Mor07, Pau40a, PH45, Tch72, Tom97, Ara90, BH09, Del61, DC86, DPS97, FP39a, Gou61, Gou71, Gou76, Hel67, Pau50a, Pau53c, SG78, SP77, Uhl76, dlPA71, FR13a]. **spin-boson** [Ara90]. **Spin-Dependent** [PH45]. **spin-flip** [Hel67]. **spin-statistics** [DPS97]. **Spinning** [Boh26, Tho26a, UG26]. **spinor** [Mie81]. **Spirit** [Gib19, vEA02]. **spiritual** [Scu07c]. **Springer** [Eis00, Hen86, Sch01]. **Stability** [DL67, LD68, LT91, LT97, LT01, LT05]. **staircase** [Fis10, Fis12]. **Standpoint** [Pau94e, Pau26c, Pau28]. **Standpunkt** [Pau26c, Pau28]. **Stark** [Pau47c]. **Starkeffekt** [Pau47c]. **starken** [Pau23c]. **Stars** [Str04b, Str07, LT91, LT97, LT01, LT05]. **State** [BM04, Nel72, BCP89, CNT00, Kal89, KK73, NM91, Pau53d, ZY88]. **states** [Cav00, CNT99, FRKK95, Hei56, JMS80, SHS81]. **stationary** [EP43]. **Statistical** [Pau73d, PE00d, PB40, Pau56d, Pau47e]. **Statistics** [Bur58, GH99, LZ58, Pau40a, Bel94, CP92, Del61, DPS97, Hal91, Pau36a, Pau50a]. **statistique** [Pau36a]. **Statistische** [Pau47e]. **steps** [Wei70]. **still** [Kae48]. **Stitch** [OSWR86]. **Stochastic** [dlPA71]. **Stoner** [Nau13]. **Störungstheorie** [Pau24c]. **Story** [Gam85, Tom97, Bag11, Esp07, Gam66a, Gam66b, Gam72]. **Stoßes** [Pau24d]. **Strahlenablenkung** [Pau19a]. **Strahlung**

[Pau23a, Pau29d]. **Strahlungsdruck** [PB27]. **Strange** [Mil09, vB10]. **Street** [FW07]. **strengths** [Pau47c]. **Streustrahlung** [Pau33h]. **String** [Ber06, Woi06]. **Strings** [MGG+95]. **Strong** [PD42a, PD42b, PH45, KMS80, Pau23c, Pau43c]. **Structure** [CCJ+34, GRE+01, GB29, Hug89, Pau34, QS98, UG26, VNB08, Bel82, Boh21, Boh26, GU26, GB27, GB30, GP31, KP55, Pau23c, Pau25c, Pau53a, PK56, PT59, Wei70, ZBG30, CCJ+34]. **structures** [RC25, SS75]. **structuur** [GU26]. **strukturye** [PK56]. **Studies** [dB86]. **Study** [dR99, Fis10, Fis12]. **stuff** [Haw11]. **Sube** [GRE+01]. **subgroup** [dGPS00]. **substructure** [ATY92]. **Suche** [MM11]. **Sucher** [MKD+91]. **suitable** [BG88]. **sulla** [Fer24]. **Sun** [Pla89]. **Sündermann** [HEB+80]. **Superconducting** [Aoi73, Aoi71]. **Superficial** [ATY92]. **Supersymmetric** [ACD90, Łop91]. **supersymmetries** [NN99]. **supplementary** [Dys60]. **Surfaces** [OSWR86]. **Surfaces/Paul** [OSWR86]. **susceptibilities** [Pau33f]. **susceptibility** [Hel67]. **svjazi** [PB58]. **Swedish** [Kle59]. **Switzerland** [AvMMH+07]. **Symbols** [BT58, DT58]. **Symbols/Additions** [BT58, DT58]. **symmetric** [Fin49]. **Symmetrical** [Maj37]. **Symmetrien** [Pau58c]. **Symmetries** [Pau94u, ASG05, DC86, Han10, Pau58c, PST06, vM87, GHMP87]. **symmetrisches** [Fin49]. **symmetry** [Xue91]. **Symposium** [Meh73, LM85]. **synchronicity** [GP00]. **Synchronizität** [JP52]. **Synchrotron** [HEB+80]. **System** [Pau94o, NMS84, Pau55c]. **Systeme** [MGG+95, BP22, BP63]. **Systeme/Bunde/Havlin** [MGG+95]. **Systems** [GH99, Pau52c, BP22, BP63, Fer24, FRKK95, KM89, SOCg82, MKD+91]. **Systems/Elster** [MKD+91].

T. [KP55]. **Table** [Pau52c, Fin49]. **Tagung** [Fis99]. **tails** [PB27]. **taking** [ZSJY82]. **tale** [Sce16]. **talk** [Pau53c]. **talks** [BDR84]. **Taub** [CV02]. **taught** [CG14]. **teaching** [Boy14, BPP64]. **tearing** [Pau70, Pau72b, Pau90a]. **Tech/Scribal** [MKD+91]. **Technical** [EGO97, BPP64]. **Techniques** [HEB+80]. **Technischen** [EGO97]. **Technological** [MGG+95]. **Technology** [RW94]. **Teil** [ARK+99, BDR93, Eis00, Eis02, GP31, HW87, OSWR86, Pau33c, Pau33d, vM96, vM99, vM01, vM05b, Pau25b]. **Teilchen** [FP39b, Fie39, Fis10, Fis12, PB27]. **tells** [FS06]. **temperature** [McC86]. **temps** [Pau72b]. **tensor** [Han11, PST06]. **Tensors** [SZ97]. **Tentativo** [Fer34]. **tenu** [CCJ+34]. **Teoria** [Fer34, Gul54, Maj37, Pau58e]. **teorii** [PK56, Pau75a, Pau77a]. **teoriyu** [Pau65b]. **ter** [Pau56d]. **term** [FWS+85, GB27]. **Termordnung** [GB27]. **terms** [Pau23c]. **Test** [JBE+00, Kij72, NFG+91, RS74, Bar10, KMS80, vO69]. **testing** [AP80, CM09]. **Teubner** [OSWR86]. **Texte** [Sti77]. **Thales** [Lak96]. **their** [Coo03, Pau24a]. **Theorem** [Pau28, PF37, DPS97, Nag10]. **Theoretical** [Ano58, ARK+99, DH91, FW60, Meh73, EAW15, Pau24a, Pau20b]. **Theoretische** [MGG+95, Pau29c, Pau51e, Pau51d, MKD+91, Pau20b]. **theoretischen** [Pau24a]. **Theorie** [FP38, Fie39, KP23, Pau19c, Pau21a, Pau35a, PF38, Pau36a, Pau53d, PS32a,

PS32b, Pau36b, Pau53b, Hei84, Pau29d, Pau33c, Pau52d]. **Theorien** [JP52, Krö54, Pau52b]. **Theories** [Pau41, PH45, Pau94g, CP92, GH75, Krö54, Pau32d, Pau43c, Pau47b, Pau52b, Pau53a]. **Theorist** [SM08]. **Theory** [Ber06, Dir27, Ein22, Fie39, Gam85, GM87, GM88, GM89a, GM89b, HP93, KK73, MKD+91, Pau33c, PR36, Pau38a, Pau43a, PK43a, PK43b, Pau46b, Pau49, PV49, PE57, Pau58f, Pau75b, Pau81, Pau93, Pau94c, Pau94q, Pau94s, Pau94t, PG00, QS98, Sch01, SZ97, VNB08, BNP05, Bon81, Bor47, Cli65, Cli87, Fer34, FP38, Fre28, Gam66a, Gam66b, Gam72, Hei84, KP55, KP23, Łop91, Maj37, MS94, OS00, Pau19a, Pau19c, Pau20c, Pau21a, Pau24c, Pau26b, PS32a, PS32b, Pau33f, Pau35a, Pau36b, Pau36a, Pau38b, PF38, PD42b, Pau48b, Pau53d, Pau53b, Pau55b, Pau56c, PK56, Pau65b, Pau73b, Pau73e, Pau74, PE00b, PE00e, Pei60a, SB33, SB53, Woi06, dlPA71, Pau21b, Pau29d, Pau52d, Pau58e, Pau25a, Dys60]. **there** [Fra04]. **thermal** [Pau23a]. **thermische** [Pau23a]. **Thermodynamical** [RC88]. **Thermodynamics** [Pau73e, PE00e, Pau58h]. **Thermodynamik** [Pau58g, Pau58h]. **Thirty** [Gam66a, Gam66b, Gam72, Gam85]. **Thomson** [Lak96]. **Thought** [Gie90, MKD+91, Pau94p, vM90, Lau88, Pau56f, Pau59]. **Thoughts** [Fis04, Fis11]. **threat** [Mas04]. **Three** [NMS84, Wei70, ASG05, FRKK95, NM91, RL77, SOCg82]. **Three-body** [NMS84, SOCg82]. **three-cluster** [FRKK95, SOCg82]. **three-electron** [RL77]. **three-level** [NM91]. **Tidal** [HEB+80]. **Time** [BBMS08, Coo03, Pau94r, Tel03, CP84, Dys02, Enz85a, Enz02, Hei60, Pau36c, Pau55a, Pau70, Pau72a, Pau72b, Pau90a, BS12, Str04a]. **Time-dependent** [BBMS08]. **Times** [MGG+95, Coo03, CM09, Kle05]. **today** [AF14]. **toeval** [Cas92]. **Too** [Hür22]. **Toomer** [HW87]. **topics** [Pau73c, PE00c]. **Topological** [MGG+95]. **total** [Ein41]. **Transformation** [Nel72]. **transformations** [Pau40b]. **Transition** [SZ97, Suz73]. **Translated** [Dys60]. **Translation** [Enz94a]. **transmission** [SS75]. **Triad** [Kev00]. **Trieste** [Meh73]. **Trudy** [Pau75a, Pau77a]. **true** [Cas03]. **Tübingen** [Pau30d]. **Twentieth** [FW60]. **Twins** [Sul62]. **Two** [FM68b, PCC10, ASG05, Bes00, FM68a, GS04, Kij72, Lin04, MS94, NM91, Pau39]. **two-** [NM91]. **Two-Center** [FM68b, FM68a]. **Two-Cooper-pair** [PCC10]. **two-dimensional** [Bes00]. **two-fermion** [MS94]. **two-matrix** [Kij72]. **two-valuedness** [Pau39]. **Type** [SZ97, PZ88, RL77].

U [GRE+01, ARK+99, HEB+80, MGG+95, MKD+91, OSWR86]. **u.a** [Hen86, HvMW79, vMHW85, vM93, vM96, vM99, vM01, vM05b]. **u.a.** [Eis00]. **U.I.P** [BT58, DT58]. **Übersichtsartikel** [BDR84]. **Übungsbuch** [BPP64]. **Ultracold** [MKD+91]. **ultraviolet** [BNP05]. **Unbewussten** [Pau54b]. **unbounded** [Kae48]. **uncertainty** [CG14]. **Unconscious** [Pau94e, Pau54b]. **Uncovered** [Hür22]. **underdetermination** [Mas04]. **Unfinished** [DT18]. **unfragmented** [Boy14]. **Unify** [Ber06]. **Union** [BT58, DT58]. **unitaire** [PS32a, PS32b]. **unitarity** [CP92]. **unitary** [PS32a, PS32b]. **Units** [BT58, DT58]. **Units/Misprints** [BT58, DT58].

unity [Woi06]. **University** [Coo03, Dys02, EGO97, Sta07, Str04a]. **unknown** [Esp07, NM26, PB40, vdW73]. **unmechanical** [UG25]. **unmechanischen** [UG25]. **Unmechanischer** [Ser77]. **Unravelling** [FR13b]. **unspeakable** [Lau97]. **upper** [IiS03, KLL90]. **upper-half** [IiS03]. **Uranspaltung** [GRE+01]. **US$60.00** [Dys02, Str04a]. **Useful** [CMM+07]. **Using** [Boy14, JBE+00, YS93]. **usw** [Sch01].

V [All56, Bal65, Gie90, Mor56a, vM90, PB58, Pau65b, Bay96]. **Validation** [Kra09, Sta07, Mas05]. **Validity** [Cav00, CNT99, CNT00, FWS+85, LL79]. **Valued** [Ano45a]. **valuedness** [Pau39]. **values** [Pau47c]. **vanishing** [Ein41, Pau40b]. **variable** [Sch99a, Sch99b]. **variables** [BC09, Pau53b]. **variational** [BG88]. **varying** [SS75]. **Vector** [Joh33, PK43a, PK43b, PH45, BPP64]. **Vector-Pair** [PH45]. **Vectors** [Nel72]. **Vektorrechnung** [BPP64]. **Velocity** [GR31, FWS+85, Hen81b, Pau25f]. **Verantwortung** [GRE+01]. **Verhaltens** [UG25]. **Verita** [AvMMH+07]. **Verlag** [Sch01]. **Verleihung** [Ehr31, Pau31a]. **Verletzung** [Pau58c]. **verschwindender** [Pau40b]. **Version** [GRE+01]. **versus** [CP84, Sza97, dR99]. **vertauschbarer** [ET60]. **Vertrieb** [ARK+99]. **via** [FF87]. **Victor** [HW87, JG04]. **Vierpoltheorie** [Pau74]. **view** [Enz00, Mil07]. **views** [Ano85, Eis91]. **viii** [Coo03]. **Vilenkin** [MGG+95]. **Villars** [Xue91]. **Violation** [BBB+10, PBB+11, GM87, GM88, GM89a, GM89b, GH99, Pau94u, ATY92, BMT99, BH09, CP92, CP93, Pau58c, RC88]. **Violations** [Pla89, KLL90, YS93]. **VIP** [BBB+10, PBB+11]. **virial** [Nag10]. **Vischer** [MKD+91]. **Visit** [DGB+01]. **Vklad** [Pau65b]. **Vleck** [Pau33f]. **Vol** [Bro95, Eis02, OSWR86]. **Volume** [Eis00, HW87, HvMW79, Sta09, vMHW85, vM93, vM96, vM99, vM01, vM05b, FW60, Rei72, BPP64]. **vom** [Pau26c, Pau28, Pau54b, UG25, Fis99]. **Vorlesungen** [Pau25b, Pau29c, Pau51e, Pau51d, PE57]. **Vorsstellungen** [JP52]. **Vorstellungen** [Krö54, Pau52b]. **Vorträge** [BDR84, Pau61b, Pau61a]. **Voß** [MGG+95].

W [All56, Ano53, BT58, DT58, Dys60, JP52, MKD+91, Mor56a]. **W.** [Ein22, Ein79, Enz73, Enz00, Krö54, Pau31c]. **W.W** [vB10]. **während** [vM05a]. **Wahrscheinlichkeit** [Pau52a, vdWPR52, Pau54c]. **Walk** [Web73]. **Was** [Gil09, Bel86]. **Wasserstoff** [Pau21c]. **Wasserstoff-Molekülions** [Pau21c]. **Wasserstoffmolekülions** [Pau22]. **Wasserstoffspektrum** [Pau26c]. **Wave** [Pau73f, PE00f, Bad11, DC86, FP39a, HP29, HP30, MS94, Pau32c, Pau33g, PW34, PF38, Pau39, Pau40b, Pau53b, Pau58b]. **wavelength** [FP38]. **waves** [Pau33d]. **way** [De 14]. **weak** [Pau23c, Pau43c]. **Wechselwirkung** [Hei84]. **Weg** [Sti77]. **Wegbereiter** [vM68]. **Weinberg** [MGG+95]. **Weird** [Str11]. **Weise** [GRE+01]. **Weiss** [MGG+95]. **Weisskopf** [Bal65, HEB+80, JG04, All56, Dit15, Esp07, HW87, Mor56a]. **Weizsäcker** [GRE+01]. **well** [Gou76]. **Wellenfelder** [HP30, HP29]. **Wellengleichung** [Pau32c, PW34]. **Wellengleichungen** [Pau40b]. **Wellenmechanik**

[Pau33g, Pau39, Pau58b]. **Weltharmonie** [Fis04, Fis11]. **Wenske** [MGG+95]. **Werk** [Ble91b, MGG+95]. **Werk/Weinberg** [MGG+95]. **Werke** [BDR84, BDR93]. **werkelijkheid** [Cas92]. **Werner** [GRE+01, MGG+95, BDR84, BDR93]. **Werten** [Pau47c]. **Western** [Pau94p, Pau56f, Pau59]. **Weyl** [Cha68, Cha68, CP84, Han11, Mie81, Pau19a, Pau19c]. **Weyls** [Pau19a]. **Where** [Fin92, Pei92]. **Who** [Ano45a, Cli87]. **Wie** [Bel86]. **wijsheid** [vE95]. **Wilhelm** [MGG+95]. **win** [Ano45a]. **Windows** [GRE+01, Nat03]. **winner** [Enz05]. **winners** [dVNHdVH53, dVNHdVH71]. **Wirken** [EGO97, BS12]. **Wirklichkeit** [Rös91]. **Wirklichkeitsauffassungen** [Eis91]. **wisdom** [vE95]. **Wismut** [BG28]. **Wismuts** [ZBG30]. **Wismutspektrums** [GB27, Tho26b]. **Wissenschaft** [MGG+95, Pau56f, Pau59, APWB95, FS06, Pau56c]. **Wissenschaft/Cassidy** [MGG+95]. **Wissenschaftlers** [GRE+01]. **Wissenschaftlers/Dürr** [GRE+01]. **Wissenschaftliche** [BDR84, BDR93, MKD+91]. **wissenschaftlichen** [RP79]. **Wissenschaftlicher** [ARK+99, Eis00, GRE+01, HEB+80, Hen86, HvMW79, MGG+95, OSWR86, vMHW85, vM93, vM96, vM99, vM01, vM05b, vM68, Eis02]. **within** [ST82, ST84]. **WKBJ** [SP77]. **Woit** [Ber06]. **Wolfgang** [Ano45a, Ano45b, Ano58, Ano93, ARK+99, Bet00, Coo03, Dys02, Ehr31, Eis91, Eis00, Eis02, Enz05, FR13c, Fis99, Fis04, Fis11, Gie90, HEB+80, HW87, Kem59, MGG+95, MM11, Str04a, Tel03, vB10, vM90, vW59, Ano59a, Ano59b, Ano60b, AvMMH+07, Bal65, Bet00, Ble91a, Ble91b, Bro95, DGB+01, Dys02, EFK90, Eis91, Eis00, Enz85a, Enz85b, EM88, Enz94a, Enz94b, EvM94, EGO97, Enz00, Enz02, FW59, Fie59, FW60, Fis99, Fis04, Fis11, Gar63a, Gie05, Hei59, Hen86, HvMW79, Kle59, KW64, Lan59b, Lan59a, Lau80, Lau82, Lau85b, Lau85a, Lau88, Lau97, Mei92, Mey04, Mil09, Pai00a, Pei60b, RP79, Sch01, Smu90, Str00, Str08, Ter65, Uns00, YK73, vE98, vExx, vEA02, vM00, vMHW85, vM93, vM96, vM99, vMS01, vM01]. **Wolfgang** [vM05b, vW59]. **Work** [Enz73, Ble91a, Ble91b, Dys02, Enz85a, Pau24d, BS12, Pet11]. **Works** [BDR84, Cha68, BDR93, Bor63, EGO97, Pau77b]. **World** [Hür22, Del72, Fis04, Fis11, Haw11]. **Wörterbuch** [MGG+95]. **writer** [BS12]. **Writings** [EvM94]. **Wrong** [Ber06, Fin92, Pei92, Woi06].

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[Pau20c] Wolfgang Pauli, Jr. Quantentheorie und Magneton. (German) [Quantum theory and magneton]. *Physikalische Zeitschrift*, 21 (21–22):615–617, November 1–15, 1920. CODEN PHZTAO. ISSN 0369-982X. URL `http://hdl.handle.net/2027/mdp.39015086723080?urlappend=%3Bseq=681`.

Pauli:1921:TDZ

[Pau21a] W. Pauli. Zur Theorie der Dielektrizitätskonstante zweiatomiger Dipolgase. (German) [On the theory of the dielectric constant of diatomic dipole gases]. *Zeitschrift für Physik*, 6(1):319–327, December 1921. CODEN ZEPYAA. ISSN 0939-7922 (print), 1431-5831 (electronic). URL `http://link.springer.com/article/10.1007/BF01327993`; `http://www.springerlink.com/content/p50pg1rp96013676/fulltext.pdf`.

Pauli:1921:RGT

[Pau21b] Wolfgang Pauli. Relativitätstheorie. (German) [Theory of Relativity]. In Arnold Sommerfeld, editor, *Encyklopädie der mathematischen Wissenschaften*, volume 5(2), pages iv + 540–775. B. G. Teubner, Stuttgart, Germany; Leipzig, Germany, 1921. LCCN ???? URL `http://resolver.sub.uni-goettingen.de/purl?PPN360709672`. Foreword by Arnold Sommerfeld. New Edition with Preface and Additions (1958), with English [Pau58f] and Italian [Pau58e] translations.

Pauli:1921:BMW

[Pau21c] Wolfgang Pauli. *Über das Modell des Wasserstoff-Molekülions. (German) [On the model of the hydrogen molecular ion].* Dr. phil. thesis, Ludwig-Maximilians-Universität München, Munich, Germany, 1921.

Pauli:1922:MWG

[Pau22] W. Pauli. Über das Modell des Wasserstoffmolekülions. (German) [On the model of the hydrogen molecular ion]. *Annalen der Physik (1900)*, 373(11):177–240, 1922. ISSN 1521-3889. Journal publication of Pauli's thesis [Pau21c].

Pauli:1923:TGZ

[Pau23a] W. Pauli, Jr. Über das thermische Gleichgewicht zwischen Strahlung und freien Elektronen. (German) [On the thermal equilibrium between radiation and free electrons]. *Zeitschrift für Physik*, 18(1):272–286, December 1923. CODEN ZEPYAA. ISSN 0939-7922 (print), 1431-5831 (electronic). URL `http://link.springer.com/article/10.1007/BF01327708; http://www.springerlink.com/content/28h14wq1m6k67844/fulltext.pdf`.

Pauli:1923:GAZ

[Pau23b] W. Pauli, Jr. Über die Gesetzmäßigkeiten des anomalen Zeemaneffektes. (German) [On the laws of the anomalous Zeeman effect]. *Zeitschrift für Physik*, 16(1):155–164, December 1923. CODEN ZEPYAA. ISSN 0939-7922 (print), 1431-5831 (electronic). URL `http://link.springer.com/article/10.1007/BF01327386; http://www.springerlink.com/content/v77p5184406p8135/fulltext.pdf`.

Pauli:1923:FZK

[Pau23c] W. Pauli, Jr. Zur Frage der Zuordnung der Komplexstrukturterme in starken und in schwachen äußeren Feldern. (German) [On the question of assignment of the complex structure terms in strong and in weak external fields]. *Zeitschrift für Physik*, 20(1):371–387, December 1923. CODEN ZEPYAA. ISSN 0939-7922 (print), 1431-5831 (electronic). URL `http://link.springer.com/article/10.1007/BF01327950; http://www.springerlink.com/content/q115q8ttg15k8351/fulltext.pdf`.

Pauli:1924:FTD

[Pau24a] W. Pauli. Zur Frage der theoretischen Deutung der Satelliten einiger Spektrallinien und ihrer Beeinflussung durch magnetische Felder. (German) [On the question of the theoretical interpretation of some satellite spectral lines and their influence by

magnetic fields]. *Naturwissenschaften*, 12(37):741–743, September 1924. CODEN NATWAY. ISSN 0028-1042 (print), 1432-1904 (electronic). URL `http://link.springer.com/article/10.1007/BF01504828`; `http://www.springerlink.com/content/q414121432406233/fulltext.pdf`. See [GB27, BG28] for the first, and independent, interpretation of experimental data for the hyperfine structure of bismuth as being due to a nuclear magnetic moment (spin). See [Gou61] for corrections to the confusing and often misattributed history of the discovery of [electron and nuclear] spin.

Pauli:1924:BRB

[Pau24b] Wolfgang Pauli. Book review: E. Buchwald, *Das Korrespondenzprinzip*. *Naturwissenschaften*, 12(??):??, ???? 1924. CODEN NATWAY. ISSN 0028-1042 (print), 1432-1904 (electronic).

Pauli:1924:SGP

[Pau24c] Wolfgang Pauli. Störungstheorie. (German) [Perturbation theory]. In ????, editor, *Physikalisches Handwörterbuch*, pages 752–756. Berliner und Scheel, ????, 1924. LCCN ????

Pauli:1924:BAD

[Pau24d] W. Pauli, Jr. Bemerkungen zu den Arbeiten Die Dimension der Einsteinschen Lichtquanten und Zur Dynamik des Stoßes zwischen einem Lichtquant und einem Elektron von L. S. Ornstein und H. C. Burger. (German) [Comments on the work "The dimension of Einstein's light quanta and on the dynamics of the collision between a photon and an electron" by LS Ornstein and HC Burger]. *Zeitschrift für Physik*, 22(1):261–265, December 1924. CODEN ZEPYAA. ISSN 0939-7922 (print), 1431-5831 (electronic). URL `http://link.springer.com/article/10.1007/BF01328129`; `http://www.springerlink.com/content/wh618655kn066784/fulltext.pdf`.

Pauli:1925:BRP

[Pau25a] Wolfgang Pauli. Book review: E. P. Adams, *The Quantum theory*. *Naturwissenschaften*, 12(??):412–413, ???? 1925. CODEN NATWAY. ISSN 0028-1042 (print), 1432-1904 (electronic).

Pauli:1925:BRM

[Pau25b] Wolfgang Pauli. Book review: M. Born, *Vorlesungen über Atommechanik. 1. Teil*. *Naturwissenschaften*, 13(??):487–488, ????

1925. CODEN NATWAY. ISSN 0028-1042 (print), 1432-1904 (electronic).

Pauli:1925:ZAE

[Pau25c] Wolfgang Pauli. Über den Zusammenhang des Abschlusses der Elektronengruppen im Atom mit der Komplexstruktur der Spektren. (German) [On the relation of the completion of groups of electrons in the atom with the complex structure of spectra]. *Zeitschrift für Physik*, 31(1):765–783, February 1925. CODEN ZEPYAA. ISSN 0939-7922 (print), 1431-5831 (electronic). URL `http://link.springer.com/article/10.1007/BF02980631; http://www.springerlink.com/content/20w1m0vr050j033r/fulltext.pdf`. This is the paper in which Pauli introduced the famous Exclusion Principle, for which he received the Nobel Prize in Physics 1945 [Pau45b].

Pauli:1925:ARK

[Pau25d] Wolfgang Pauli. Über die Absorption der Reststrahlen in Kristallen. (German) [On the absorption of residual rays in crystals]. *Verh. Dtsch. Phys. Ges. (3)*, 6(??):10–11, ???? 1925.

Pauli:1925:IIE

[Pau25e] Wolfgang Pauli. Über die Intensitäten der im elektrischen Felde erscheinenden Kombinationslinien. (German) [On the intensities of the combination lines appearing in electric fields]. *Dan. Mat. Fys. Medd.*, 7(3):??, ???? 1925.

Pauli:1925:EGE

[Pau25f] Wolfgang Pauli, Jr. Über den Einfluß der Geschwindigkeitsabhängigkeit der Elektronenmasse auf den Zeemaneffekt. (German) [On the influence of the velocity dependence of electron mass on the Zeeman effect]. *Zeitschrift für Physik*, 31(1):373–385, February 1925. CODEN ZEPYAA. ISSN 0939-7922 (print), 1431-5831 (electronic). URL `http://link.springer.com/article/10.1007/BF02980592; http://www.springerlink.com/content/e6631774u53u8841/`.

Pauli:1926:BRE

[Pau26a] Wolfgang Pauli. Book review: A. S. Eddington, *Relativitätstheorie in mathematischer Behandlung. Naturwissenschaften*, 14(??):273–274, ???? 1926. CODEN NATWAY. ISSN 0028-1042 (print), 1432-1904 (electronic).

Pauli:1926:QGQ

[Pau26b] Wolfgang Pauli. Quantentheorie. (German) [Quantum theory]. In ????, editor, *Handbuch der Physik*, volume 23, pages 1–278. Geiger and Scheel, ????, 1926. LCCN ????

Pauli:1926:WSN

[Pau26c] W. Pauli, Jr. Über das Wasserstoffspektrum vom Standpunkt der neuen Quantenmechanik. (German) [On the hydrogen spectrum, from the standpoint of the new quantum mechanics]. *Zeitschrift für Physik*, 36(5):336–363, May 1926. CODEN ZEPYAA. ISSN 0939-7922 (print), 1431-5831 (electronic). URL `http://link.springer.com/article/10.1007/BF01450175; http://www.springerlink.com/content/n14x167240x812ru/fulltext.pdf`.

Pauli:1927:GPG

[Pau27a] W. Pauli, Jr. Über Gasentartung und Paramagnetismus. (German) [On gas degeneracy and paramagnetism]. *Zeitschrift für Physik*, 41(6–7):81–102, June 1927. CODEN ZEPYAA. ISSN 0939-7922 (print), 1431-5831 (electronic). URL `http://link.springer.com/article/10.1007/BF01391920; http://www.springerlink.com/content/n25735226785627j/fulltext.pdf`.

Pauli:1927:QME

[Pau27b] W. Pauli, Jr. Zur Quantenmechanik des magnetischen Elektrons. (German) [On the quantum mechanics of the magnetic electron]. *Zeitschrift für Physik*, 43(9–10):601–623, September 1927. CODEN ZEPYAA. ISSN 0939-7922 (print), 1431-5831 (electronic). URL `http://link.springer.com/article/10.1007/BF01397326; http://www.springerlink.com/content/ww10g288m777t400/fulltext.pdf`.

Pauli:1928:TAE

[Pau28] Wolfgang Pauli. Über das H-Theorem vom Anwachsen der Entropie vom Standpunkt der neuen Quantenmechanik. (German) [On the H-theorem of entropy increase from the standpoint of the new quantum mechanics]. In ????, editor, *Probleme der modernen Physik, Arnold Sommerfeld zum 60. Geburtstage, gewidmet von seinen Schülern. (German) [Problems of modern physics, Arnold Sommerfeld's 60th Birthday, dedicated by his*

students], pages 30–45. ????, Leipzig, Germany, 1928. LCCN ????

Pauli:1929:AGQ

[Pau29a] Wolfgang Pauli. Allgemeine grundlagen der quantentheorie des atombaues. In *Müller–Pouillets Lehrbuch*, volume 2(2), pages 1709–1842. ????, ????, 11 edition, 1929. LCCN ????

Pauli:1929:BRB

[Pau29b] Wolfgang Pauli. Book review: *Ergebnisse der exakten Naturwissenschaften. Band 7. Naturwissenschaften*, 17(??):257–259, ???? 1929. CODEN NATWAY. ISSN 0028-1042 (print), 1432-1904 (electronic).

Pauli:1929:BRH

[Pau29c] Wolfgang Pauli. Book review: H. A. Lorentz, *Vorlesungen über theoretische Physik. Naturwissenschaften*, 17(??):279, ???? 1929. CODEN NATWAY. ISSN 0028-1042 (print), 1432-1904 (electronic).

Pauli:1929:TSS

[Pau29d] Wolfgang Pauli. Theorie der schwarzen Strahlung. (German) [Theory of black-body radiation]. In ????, editor, *Müller–Pouillets Lehrbuch*, volume 2(2), pages 1483–1553. ????, ????, 1929. LCCN ????

Pauli:1930:BRB

[Pau30a] Wolfgang Pauli. Book review: *Ergebnisse der exakten Naturwissenschaften, Band 8. Naturwissenschaften*, 18(??):568–570, ???? 1930. CODEN NATWAY. ISSN 0028-1042 (print), 1432-1904 (electronic).

Pauli:1930:BRM

[Pau30b] Wolfgang Pauli. Book review: M. Born and P. Jordan, *Elementare Quantenmechanik. Naturwissenschaften*, 18(??):602, ???? 1930. CODEN NATWAY. ISSN 0028-1042 (print), 1432-1904 (electronic).

Pauli:1930:BRP

[Pau30c] Wolfgang Pauli. Book review: P. A. M. Dirac, *The principles of quantum mechanics. Naturwissenschaften*, 19(??):188, ???? 1930. CODEN NATWAY. ISSN 0028-1042 (print), 1432-1904 (electronic).

Pauli:1930:LTC

[Pau30d] Wolfgang Pauli. Letter to Tübingen conference participants. Web document., December 4, 1930. English translation in [Bro78, page 27].

Pauli:1931:AVL

[Pau31a] Wolfgang Pauli. Antwort bei Verleihung der Lorentzmedaille. (German) [Response in the Lorentz Medal Ceremony]. *Proc. Acad. Sci. Amst.*, 40(??):125–126, ???? 1931.

Pauli:1931:BRM

[Pau31b] Wolfgang Pauli. Book review: A. March, *Die Grundlagen der Quantenmechanik*. *Naturwissenschaften*, 19(??):867, ???? 1931. CODEN NATWAY. ISSN 0028-1042 (print), 1432-1904 (electronic).

Pauli:1931:BRW

[Pau31c] Wolfgang Pauli. Book review: W. Heisenberg, *Die physikalischen Prinzipien der Quantentheorie*. *Naturwissenschaften*, 19 (??):188–189, ???? 1931. CODEN NATWAY. ISSN 0028-1042 (print), 1432-1904 (electronic).

Pauli:1931:NP

[Pau31d] Wolfgang Pauli. [the neutrino postulate]. Talk presented at *The Present Status of the Problem of Nuclear Structure*, a conference held in Pasadena, CA, USA. Pauli was still uncertain about the existence of the neutrino, so he refused to allow his paper to be published in the proceedings [see [**?**, page 231]]. His first publication on the neutrino is in [CCJ$^+$34] (contents and titles not yet located)., June 1931.

Pauli:1932:BRB

[Pau32a] Wolfgang Pauli. Book review: *Ergebnisse der exakten Naturwissenschaften, Band 10*. *Naturwissenschaften*, 20(??):186–187, ???? 1932. CODEN NATWAY. ISSN 0028-1042 (print), 1432-1904 (electronic).

Pauli:1932:BRG

[Pau32b] Wolfgang Pauli. Book review: G. Gamow, *Der Bau des Atomkernes und die Radioaktivität*. *Naturwissenschaften*, 20(??):582, ???? 1932. CODEN NATWAY. ISSN 0028-1042 (print), 1432-1904 (electronic).

Pauli:1932:DWE

[Pau32c] Wolfgang Pauli. Diracs Wellengleichung des Elektrons und geometrische Optik. (German) [Dirac's wave equation of the electron and geometric optics]. *Helvetica Physica Acta*, 5(3):179–199, ???? 1932. CODEN HPACAK. ISSN 0018-0238.

Pauli:1932:TQD

[Pau32d] Wolfgang Pauli. Les theories quantiques du magnetisme in 'L'électron magnetique'. (French) [Quantum theories of magnetism in 'the magnetic electron']. In ????, editor, *Sixieme Conseil de Physique Solvay, Bruxelles, 1930*, pages 175–238, discussion 239–280. ????, ????, 1932. LCCN ????

Pauli:1933:EQB

[Pau33a] W. Pauli. Einige die Quantenmechanik betreffenden Erkundigungsfragen. (German) [Some exploration of issues relevant to quantum mechanics]. *Zeitschrift für Physik*, 80(9–10):573–586, September 1933. CODEN ZEPYAA. ISSN 0939-7922 (print), 1431-5831 (electronic). URL `http://link.springer.com/article/10.1007/BF01335695`; `http://www.springerlink.com/content/x711540mlj227376/fulltext.pdf`.

Pauli:1933:PEO

[Pau33b] W. Pauli. Paul Ehrenfest [obituary]. *Naturwissenschaften*, 21 (48):841–843, ???? 1933. CODEN NATWAY. ISSN 0028-1042 (print), 1432-1904 (electronic). URL `http://link.springer.com/article/10.1007/BF01504522`; `http://www.springerlink.com/content/u0nx823747245437/fulltext.pdf`.

Pauli:1933:FNFa

[Pau33c] W. Pauli. Über die Formulierung der Naturgesetze mit fünf homogenen Koordinaten Teil I: Klassische Theorie. (German) [On the formulation of the laws of nature with five homogeneous coordinates, Part I: Classical theory]. *Annalen der Physik (Series 5)*, 410(3):305–336, 1933. CODEN ANPYA2. ISSN 1521-3889.

Pauli:1933:FNFb

[Pau33d] W. Pauli. Über die Formulierung der Naturgesetze mit fünf homogenen Koordinaten. Teil II: Die Diracschen Gleichungen für die Materiewellen. (German) [On the formulation of the laws of nature with five homogeneous coordinates. Part II: The Dirac

equations for matter waves]. *Annalen der Physik (Series 5)*, 410 (4):337–372, 1933. CODEN ANPYA2. ISSN 1521-3889.

Pauli:1933:BRB

[Pau33e] Wolfgang Pauli. Book review: *Ergebnisse der exakten Naturwissenschaften, Band 11. Naturwissenschaften*, 21(??):301–302, ???? 1933. CODEN NATWAY. ISSN 0028-1042 (print), 1432-1904 (electronic).

Pauli:1933:BRJ

[Pau33f] Wolfgang Pauli. Book review: J. H. van Vleck, *The theory of electric and magnetic susceptibilities. Naturwissenschaften*, 21(??):239, ???? 1933. CODEN NATWAY. ISSN 0028-1042 (print), 1432-1904 (electronic).

Pauli:1933:APW

[Pau33g] Wolfgang Pauli. Die allgemeinen Prinzipien der Wellenmechanik. (German) [The general principles of wave mechanics]. In *Handbuch der Physik*, volume XXIV(1), pages 83–272. Springer-Verlag, Berlin, Germany / Heidelberg, Germany / London, UK / etc., 1933. According to [De 14, page 76, column 1], this may be the publication where "wave–particle duality" was first defined.

Pauli:1933:ISB

[Pau33h] Wolfgang Pauli. Über die Intensität der Streustrahlung bewegter freier Elektronen. (German) [On the intensity of the scattered radiation of moving free electrons]. *Helvetica Physica Acta*, 6(4):279–286, ???? 1933. CODEN HPACAK. ISSN 0018-0238.

Pauli:1934:DPM

[Pau34] Wolfgang Pauli. Discussion of paper by M. Heisenberg on "La Structure du Noyau". In Cockcroft et al. [CCJ+34], pages 324–325. LCCN ???? Publiés par la commission administrative de l'institut.

Pauli:1935:BMT

[Pau35a] Wolfgang Pauli. Beitrage zur mathematischen Theorie der Dirac'schen Matrizen. (German) [Contributions to the mathematical theory of the Dirac matrices]. In ????, editor, *Zeeman Verhandelingen (Den Haag)*, pages 31–43. ????, ????, 1935. LCCN ????

Pauli:1935:BRP

[Pau35b] Wolfgang Pauli. Book review: P. Debye, *Kernphysik*. *Naturwissenschaften*, 23(??):772–773, ???? 1935. CODEN NATWAY. ISSN 0028-1042 (print), 1432-1904 (electronic).

Pauli:1936:TQR

[Pau36a] W. Pauli. Théorie quantique relativiste des particules obéissant à la statistique de Einstein–Bose. (French) [Relativistic quantum theory of particles obeying Einstein–Bose statistics]. *Annales de l'Institut Henri Poincaré*, 6(2):137–152, 1936. CODEN AIHPA2. ISSN 0365-320x (print), 2400-4855 (electronic). URL `http://www.numdam.org/item?id=AIHP_1936__6_2_137_0`.

Pauli:1936:CMT

[Pau36b] Wolfgang Pauli. Contributions mathématiques à la théorie des matrices de Dirac. (French) [Mathematical contributions to the theory of Dirac matrices]. *Annales de l'Institut Henri Poincaré*, 6(2):109–136, ???? 1936. CODEN AIHPA2. ISSN 0365-320x (print), 2400-4855 (electronic). URL `http://www.numdam.org/item?id=AIHP_1936__6_2_109_0`.

Pauli:1936:RZK

[Pau36c] Wolfgang Pauli. Raum, Zeit und Kausalitat in der modernen Physik. (German) [Space, time and causality in modern physics]. *Scientia*, 59(??):65–76, ???? 1936.

Pauli:1938:ASF

[Pau38a] Wolfgang Pauli. On asymptotic series for functions in the theory of diffraction of light. *Physical Review (2)*, 54(11):924–931, December 1, 1938. CODEN PHRVAO. ISSN 0031-899X (print), 1536-6065 (electronic). URL `http://prola.aps.org/abstract/PR/v54/i11/p924_1`.

Pauli:1938:SCP

[Pau38b] Wolfgang Pauli. Some considerations of principle on the theory of P decay. (Russian). *Bull. Acad. Sci. URSS (Série physique)*, ??(??):149–152, ???? 1938.

Pauli:1939:KZE

[Pau39] W. Pauli. Über ein Kriterium für Ein- oder Zweiwertigkeit der Eigenfunktionen in der Wellenmechanik. (German) [On a criterion for one- or two-valuedness of eigenfunctions in wave me-

chanics]. *Helvetica Physica Acta*, 12(2):147–168, ???? 1939. CODEN HPACAK. ISSN 0018-0238.

Pauli:1940:CBS

[Pau40a] W. Pauli. The connection between spin and statistics. *Physical Review (2)*, 58(8):716–722, October 15, 1940. CODEN PHRVAO. ISSN 0031-899X (print), 1536-6065 (electronic). URL `http://prola.aps.org/abstract/PR/v58/i8/p716_1`.

Pauli:1940:IDW

[Pau40b] W. Pauli. Über die Invarianz der Dirac'schen Wellengleichungen gegenüber Ähnlichkeitstransformationen des Linienelementes im Fall verschwindender Ruhmasse. (German) [On the invariance of the Dirac wave equations compared to similarity transformations of the line element in the case of vanishing rest mass]. *Helvetica Physica Acta*, 13(3):204–208, ???? 1940. CODEN HPACAK. ISSN 0018-0238.

Pauli:1941:RFT

[Pau41] W. Pauli. Relativistic field theories of elementary particles. *Reviews of Modern Physics*, 13(3):203–232, July 1, 1941. CODEN RMPHAT. ISSN 0034-6861 (print), 1538-4527 (electronic), 1539-0756. URL `http://link.aps.org/doi/10.1103/RevModPhys.13.203`; `http://rmp.aps.org/abstract/RMP/v13/i3/p203_1`.

Pauli:1943:ALP

[Pau43a] W. Pauli. On applications of the λ-limiting process to the theory of the meson field. *Physical Review (2)*, 64(11–12):332–344, December 1, 1943. CODEN PHRVAO. ISSN 0031-899X (print), 1536-6065 (electronic). URL `http://prola.aps.org/abstract/PR/v64/i11-12/p332_1`.

Pauli:1943:DNM

[Pau43b] W. Pauli. On Dirac's new method of field quantization. *Reviews of Modern Physics*, 15(3):175–207, July 1, 1943. CODEN RMPHAT. ISSN 0034-6861 (print), 1538-4527 (electronic), 1539-0756. URL `http://link.aps.org/doi/10.1103/RevModPhys.15.175`; `http://rmp.aps.org/abstract/RMP/v15/i3/p175_1`.

Pauli:1943:SCW

[Pau43c] Wolfgang Pauli. On strong coupling and weak coupling theories of the meson field. *Physical Review (2)*, 63(5–6):221, March

1943. CODEN PHRVAO. ISSN 0031-899X (print), 1536-6065 (electronic). URL http://prola.aps.org/abstract/PR/v63/i5-6/p215_1. Bull. Am. Phys. Soc. New York Meeting, Jan. 22–23, 1943, Abstract No. 25.

Pauli:1945:NBH

[Pau45a] W. Pauli. Niels Bohr on his 60th birthday. *Reviews of Modern Physics*, 17(2–3):97–101, April 1, 1945. CODEN RMPHAT. ISSN 0034-6861 (print), 1538-4527 (electronic), 1539-0756. URL http://link.aps.org/doi/10.1103/RevModPhys.17.97; http://rmp.aps.org/abstract/RMP/v17/i2-3/p97_1.

Pauli:1945:NPP

[Pau45b] Wolfgang Pauli. The Nobel Prize in Physics 1945. Nobelprize.org, 1945. URL http://www-groups.dcs.st-and.ac.uk/~history/Extras/Pauli_Exclusion_Principle.html; http://www.nobelprize.org/nobel_prizes/physics/laureates/1945/pauli-bio.html. The Nobel Prize in Physics 1945 was awarded to Wolfgang Pauli "for the discovery of the Exclusion Principle, also called the Pauli Principle".

Pauli:1946:DFE

[Pau46a] Wolfgang Pauli. Diracs Feldquantisierung und Emission von Photonen kleiner Frequenzen. (German) [Dirac field quantization and emission of photons of lower frequencies]. *Helvetica Physica Acta*, 19(4):234–237, ???? 1946. CODEN HPACAK. ISSN 0018-0238. URL http://retro.seals.ch/digbib/view?rid=hpa-001:1946:19::236&id=hitlist.

Pauli:1946:MTN

[Pau46b] Wolfgang Pauli. *Meson Theory of Nuclear Forces*. Interscience Publishers, New York, NY, USA, 1946. 69 pp.

Pauli:1946:RHE

[Pau46c] Wolfgang Pauli. Remarks on the history of the Exclusion Principle. *Science*, 103(2669):213–215, February 22, 1946. CODEN SCIEAS. ISSN 0036-8075 (print), 1095-9203 (electronic). URL http://www.sciencemag.org/content/103/2669/213.full.pdf.

Pauli:1947:BRH

[Pau47a] Wolfgang Pauli. Book review: H. Reichenbach, *Philosophic Foundations of Quantum Mechanics*. *Dialectica: International*

Review of Philosophy of Knowledge, 1(??):176–178, ???? 1947. ISSN 0012-2017 (print), 1746-8361 (electronic).

Pauli:1947:DFT

[Pau47b] Wolfgang Pauli. Difficulties of field theories and of field quantization. In ????, editor, *Phys. Soc. Cambridge Conf. Report*, pages 5–10. ????, ????, 1947. LCCN ????

Pauli:1947:MBO

[Pau47c] Wolfgang Pauli. Eine Methode zur Bestimmung von Oszillatorenstärken (f-Werten) aus dem Starkeffekt. (German) [A method for determining oscillator strengths (f-values) from the Stark effect]. *Zeitschrift für Physik*, 124(1–2):121–128, January 1947. CODEN ZEPYAA. ISSN 0044-3328. URL `https://link.springer.com/article/10.1007/BF01374927`.

Pauli:1947:EPQ

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Pauli:1947:SMG

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