

A Selected Bibliography of Publications by, and about, Werner Heisenberg

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Title word cross-reference

$(k_1 - k_n)$ [Tem91]. + [BKBS93]. **\$1.40** [Ano68]. $1/2$
[BHX96, JKS13, LB72, Man91]. **\$10.95** [Jor78]. **\$11.50** [Jor78]. **\$12.00**
[Kra07, Lan08]. **\$129.99** [Cru23]. **\$18.50** [Jor78]. **\$2** [Ano29]. 2 [Hen93].
\$27.00 [Bed09]. **\$27.50** [Cas93a, Wil94]. **\$28.95** [Klo96]. **\$29.95**
[Fra94, Hay90]. $2p\pi$ [SHI73]. 3 [Isa82]. **\$35** [Lan02]. **\$35.00** [Neu99, Par06].
\$4.75 [Ano54]. **\$6.95** [Lib68]. **\$60.00** [Wat01]. **\$80.00** [Cas11]. = [BKBS93].
* [BT96]. ²³⁵ [DK78]. ²³⁸ [Tur46a, Tur46b]. ²³⁹ [DK78]. ²⁵² [DK78]. 2
[BBF⁺45, DDH41a, DDH42a, DDH42c, DDH89a, DDH89c, DDH89f, Hei42b,
HBB⁺89, Hei89g, VBN95a, VBN95b, vBN95c]. 4
[VBN95a, VBN95b, vBN95c]. q [Bec02]. β [Gau14]. C^* [Pac88, Sud06].
 $\mathcal{U}_{\hbar,w}(\mathcal{H}(4))$ [Abd97]. d [VZ09]. η [Hei89k]. $H(1)_q$ [CGST91]. H_0 [CBS20]. K_0
[Pac88]. L^2 [NRS71]. $L_2(\mathbf{R}^d)$ [RS94]. L_p [LN06]. Λ [Cul05]. ω [DH62]. π
[Hei511]. $pq - qp = \sqrt{-1}\hbar/(2\pi)$ [Ber35]. q [AFW94, GH10, Sch99]. S
[Bor70, Bor72, Cus86, NRS71]. S_2 [Wan98]. $S = 1/2$ [MC92]. $\text{su}(2, 1)$ [MP92].
 $\text{SU}(3)$ [CM02, MP92]. u [dB58]. $U(1, 3) \otimes_s H(1, 3)$ [Low97]. $\text{VN}(G)$ [CZ81].

$V\theta$ [Nel72]. XXZ [LFK99, ZG96]. xy [Pug80]. $|kq\{\tilde{K}\}(k_1 - k_n):[\tilde{\lambda}], \mathcal{S}_n\rangle$ [Tem91].

-algebra [AFW94, Sud06]. **-algebras** [BT96, Pac88]. **-component** [Isa82]. **-D** [Hen93]. **-deformed** [Sch99]. **-electron** [SHI73]. **-graded** [GH10]. **-groups** [Pac88]. **-Matrix** [Hei89k, Hei89k, Cus86]. **-Meson** [DH62, Hei511]. **-Mesonen** [Hei511]. **-orthogonal** [VZ09].

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0 [Fra94, Hen00, Mar94, Tur06]. **0-394-51411-4** [Wil94]. **0-520-08499-3** [Mar94]. **0-520-21077-8** [Hen00]. **0-674-01519-3** [Tur06]. **0-7167-2243-7** [Fra94]. **0-7923-3794-8** [Lan02]. **0-9672617-2-4** [Kra07, Lan08].

1 [Ano08]. **1-Megabit-Speicherchip** [Ano84a]. **1.5** [GRE⁺01]. **10** [Str62b]. **100** [Hei42a]. **1000** [Hei57b]. **100th** [Hei58l, Hei05b, Jac01, KRW05, Rec01, Rec02b, RH02, vM02]. **109** [RDM⁺12a]. **112** [FW07]. **12.** [Hei43a, Str62c]. **13.80** [Hei53b]. **14th** [Hei75s]. **15** [BDR84h]. **15.12.1958** [Hei59j]. **16.10.1971** [Hei72f]. **170** [Kra86a]. **18.11.1962** [Hei63h]. **19** [Hei89-36]. **19-24** [vW41a]. **1911** [Meh75]. **1914** [Hei64c]. **1916-1955** [Mar73]. **1925** [AMS04, Hei35e, Hen98]. **1926** [Sta11a]. **1927** [Rig87]. **1928** [Hei29a, HH84]. **1929** [HEB⁺80, HvMW79, Pye81]. **1930s** [Fie80, Hei93e]. **1931** [Hei31g]. **1932** [Hei32c]. **1933** [CCJ⁺34]. **1933/Chadwick** [Ano51]. **1935** [Hei35d, Hei85b]. **1935/1936** [Ano51]. **1939** [Hei89m, OSWR86, vMHW85, Hay90, Rec86, Sei90a]. **1939-1945** [Sei90a]. **1939-1949** [Hay90]. **1940** [DDH89e, DDH89d, Hei89h]. **1940s** [MWL⁺15]. **1941** [Aas02c, DDH89f, DDH89g, Hei41b, Hei89-36, Hei89x, Hei89-34, vW41a]. **1942** [DDH89a, DDH89c, DDH89b, Hei89g, HBF⁺89a, Hei89n, HBF⁺89b, HBF⁺89c, Hei95, KW93, Bar04]. **1943** [Ano44a, Har43, Hei43r, Wal20b]. **1943/1944** [Hei89e]. **1943/44** [Brü64]. **1944** [Ano44a, Hei89-33]. **1945** [BC95, Cas79a, Cas05, HBB⁺89, HGW89b, HHH03, Hen00, Kan03, Sei90a]. **1946** [Hei47f]. **1946/47** [Hei47f, Hei47f]. **1947** [Sei90a]. **1947-1977** [Sei90a]. **1948** [Hei48a]. **1949** [PvM93, Wal08, vM93, Bro95, Hay90, Kra96]. **1950** [Hei51k, Hei52p]. **1950/51** [Hei52p, Hei52p]. **1950s** [Hei86a, Sei90a]. **1952** [vM96]. **1953** [Hei56g]. **1954** [vM99]. **1954/Mladjenovic** [ARK⁺99]. **1956** [vM01]. **1958** [vM05b]. **1960s** [ARK⁺99, Mla98]. **1960s/Frenkel** [ARK⁺99]. **1962/Gray** [SPS⁺64]. **1967** [Paw06]. **1968** [BDR84d, Hei69b]. **1970** [BSP⁺70]. **1971/Benz** [LSK⁺76]. **1972** [Hei72c, Meh73]. **1973** [Hei73a]. **1974** [CDvW75]. **1976** [BDR85a, MP77, Hah06, Mac78b]. **1977** [Sei90a].

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9.10.1949 [Hei86j]. **90th** [Rec02a]. **95h** [DPL96]. **978-0-521-82170-4** [Sta11b]. **978-0-521-88484-6** [Bok10, Sta11b]. **978-3-540-69221-8** [Hen11]. **989** [FS93].

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[Sch00b]. **Brod** [MGG⁺95]. **Broglie** [Ano35b, Cas75, Deh36, Haa34,
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bronia [Kar06]. **Brooks** [CS94]. **Brosch** [Ano08]. **Brosche** [HEB⁺80].
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[CCJ⁺34, Far01]. **Buchbesprechung** [Ano35a, Ano06, Deh36, Deh37,
HVTK⁺97, Hei30c, Jac03, Mos42, RFS⁺91, Wil36a, Wil36b, Wit83].
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BDR84e, BSP⁺70, Büh95, GRE⁺01, HEB⁺80, HMSH78, Jac11b, KED⁺60,
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[Hau22, Hei65d, Sch05, Sch07, Hei57d]. **Bundestag** [Hei53q]. **Bundestages**
[Hei53q]. **Bunin** [Ano33]. **burdens** [Hol86, Hol98]. **burner** [HW84b]. **Burns**
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[Rec91a, Rec91b].

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Mat86a, Phi92, Rec03, Sap10, Sei90a, Sta11a, Swe93, Tho97, Wei85, BDR84c,
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[Bok10, Cas11, Hay90, Par06, Sta11b, Tur06]. **came** [Log96]. **Camilleri**
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 [Meh73, RDP⁺95]. **centrifuge** [HJ43]. **Century** [Bro72, TW10, Bra09,
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 [AP22, DM99, GV86, Gre05, Wre75]. **certificates** [HR02b, RW02].
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 [Hei41b]. **Chemie** [BSP⁺70, Hah40, Hei53e, KED⁺60, MGG⁺95, Sim07].
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Chemielehrer [Ost11]. **Chemisch** [Hei41b]. **Chemisch-Physikalische**
 [Hei41b]. **chemische** [BH24a, BH63b, Hei24c]. **Chemistry**
 [Joh13, Hei53e, Ost11, Hah40, MGG⁺95, Sim07]. **Chemists** [Joh13, Har60].
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circle [BR64]. **Citizen** [Sei90a]. **City** [Hei74g]. **cksprache** [vW1]. **Claim**
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[Bes04]. **Climate** [Gol92]. **cloak** [BBF⁺45, HBB⁺89]. **close** [SAR⁺09].
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[Hei50g, Hei53q]. **cloth** [Bed09, Cas05, Cas11, Neu99, Par06]. **Cloud** [Sei90a].
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Co [Ano94, Fra94, RRK⁺64]. **co-workers** [RRK⁺64]. **Code** [Pag82]. **codes**
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[BR64, RKW05, Roz67]. **Collected** [BDR84a, BDR84b, BDR85a, BDR84c,
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[CW85, UM92]. **color** [Hei41d]. **colour** [Hei52o]. **Columbia** [Ano29].
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Complex [RFS⁺91, LM87]. **complexes** [OD03]. **Complexity** [vRFS⁺00].
component [Hei38d, Hei41c, Hei84n, Isa82]. **components** [SH22a].
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Determination [DDH40a, DDH40b, DDH89e, DDH89d, Fis41].
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deterministische [Hei79b, Hei85d]. **Deterrence** [Hei86a]. **Deuterium**
 [CR12]. **Deutsch** [BSP⁺70, GRE⁺01]. **Deutsch-Englisch** [GRE⁺01].
Deutsch-Englisch/ConceptDraw [GRE⁺01]. **Deutsche**
 [Hei36i, Hei53b, HW07, Pop18, Rec92, Cas93c, Hei48g, Hei50c, Hei56d,
 Nag16, SM41, Wal90b, Wal93, vS14, Men36, Sch11b]. **Deutschen**
 [Ano84b, Eic50, Eic53, Hei30a, Hei41b, Hei49g, Hei50g, Hei53d, Hei53q,
 Hei64b, HB⁺72, Hei86o, NW95, Rec91a, Rec91b, Wit83, All06, Hei50d,
 Hei68a, Hei93a, Him90, Hof92, Hof93, Hof23, Irv67a, Kar05c, Pow93a, Rad83,
 Rad91, vL47, vL48a]. **Deutscher** [Hei89-38, Sta36, Wal93]. **Deutsches**
 [DRF90a, DRF90b, SPS⁺64, Sim10]. **Deutschland** [Brü64, Hau22, MGG⁺95,
 Sch07, Hei39d, Hei46d, Hei53k, Hei53g, HR53, Hei56j, Hei67c, KP07].
Deutschlands [Hei51e, Hau22]. **Deutung**
 [Bor61, Bor63b, EH38, EH84, Hei56h, HB63, Hei39b]. **Develop** [WHF⁺96].
Development [Gou47a, Hei73d, Hei74l, Hei75a, Hei75l, Hei75j, Meh73,
 Ome75, Bad95, Bro92, Hei29a, Hei29b, Hei33a, Hei34d, Hei39d, Hei40b,

Hei55d, Hei56b, Hei56h, Hei63a, Hei63c, Hei65c, Hei71c, Hei75k, Hei84-51, Hei84o, HH84, HBE87, Meh75, PRW55, Hei35e]. **Developments** [BW04, Hei04, Hau22, Hei56b]. **Devil** [Cor03]. **Dezember** [FS93, Hei43r, Hei48a, Hei71h, RDP+95]. **Dezember-Heft** [FS93]. **DFG** [DRF90a, DRF90b]. **DFR** [HR53, HR53]. **d’Heisenberg** [Ech96, dB82]. **d’Hitler** [Luc16]. **Diagrammatic** [SL70]. **Dialog** [MGG+95]. **Dialogue** [Bel92, Bel99, Hei74e, Wüt16]. **Diaries** [Hah45]. **Diary** [Sei90a, HHHH11]. **dice** [MB11a]. **Dickens** [HVTk+97]. **Dickens/Krätz** [HVTk+97]. **Dictionary** [DG99, MGG+95]. **Did** [Ber95, LH93, Pop21, RW92, Wal22, Hei67a, Kat96, MS15, Ols63, Pop16a]. **Diebner** [vW1]. **died** [Kva76]. **Dies** [Hei68e]. **Difference** [Kor05, AFW94, Bt87]. **different** [HJ43]. **Differential** [Bt87, Hei32a, LSK+76, Hei22b, Hei84w]. **Differential-difference** [Bt87]. **Differentialgleichungen** [Hei22b, Hei84w]. **difficult** [Luc82]. **Difficulties** [Ano34, Hei93c, Jes98]. **Diffraction** [Hei36b]. **Diffusion** [ARK+99, DDH40a, DDH40b, DDH89e, DDH89d, Hei31i]. **Diffusionslänge** [DDH40a, DDH40b, DDH89e, DDH89d]. **Dilute** [Rus64, KSSA78]. **dimension** [Hei22a]. **Dimensional** [Fis64, BT78, DMdA06, Isa82, PDL92, Woo77, ZG96]. **Dimensionen** [Hei22a]. **dimensions** [DPL94, DPL96]. **Dingler** [BMG+50]. **Diplomacy** [Hei76b]. **Dirac** [Ano33, Ano51, Ben34, Deh36, Haa34, Hei30c, Lak96, Smo93, Wig96a, Wil36b, Ano34, Ano35b, Ano75, Bok04, BR87, Haa34, Hei30b, Hei34b, Hei34a, HE35, HDW75, HE06, KW87, LW34, Nis32, Smo93, Wig96d, Wig96k]. **Diracschen** [Hei34b, Hei34a, HE35]. **Direct** [EMGM94, KW02, KW03]. **Director** [Sei90a]. **Dirichlet** [GV85, GV86]. **disappearance** [GHH02]. **Discontinuous** [Sta11a]. **discourse** [Sal01]. **Discoverer** [Hei68e]. **discoveries** [Bra09, Lig05]. **discovering** [Ano20]. **Discovery** [CR12, Gin75, GR09, Pan02, Rog13, Shi78, Sim00, Bel85, CHW91, Hei58g, Hei58h, Hei58i, Hei60e, Hei74k, Kae48b, Sim89, WC84]. **Discrepancy** [LD66]. **Discrete** [Kor05, Zak96, DM99, DL08, Sud06]. **Discussing** [Mil12, Fri11]. **Discussion** [Dir28, Hei53i, Hei56l, Hei62d, Hei62e, Hei62c, Hei75n, Hei84c, Pau34, Hei32b, Hei62d, Hei62e, Hei62c]. **Discussionne** [Hei28c, HSBA60]. **Discussions** [Hei69d, Hei72e, Hei73c, Hei81b, Hei81c, Hei83e, Hei84-50, Hei85c, Hei86e, Hei87b, Hei88, Hei96a, Hei01a, Hei06, Meh87, CCJ+34, Hei28c, HSBA60]. **Diskurs** [Sal01]. **Diskussion** [Rec85a]. **Diskussion/Neutronen** [Rec85a]. **dispersion** [Hea77]. **Display** [Sim10]. **Disposal** [SPS+64]. **Dispose** [Ano34]. **dispute** [Sal01]. **Disputed** [Gou49]. **Disputes** [Gou47a]. **Dissertation** [KPMN20]. **Distance** [Aas02a, Cop81]. **distinction** [Mon04]. **distributed** [Jor78]. **Distribution** [KBWJ96, Mor72a]. **Disturbance** [RDM+12a, RDM+12b, D’A03, Wis98]. **disturbing** [JD06]. **divergent** [Cam07a]. **DM** [Büh95, Hei53b, Hen86, Str62b, Str62c, Wit83]. **Do** [Sei05, Mas04]. **Dobzhansky** [Adl03]. **doch** [NW95]. **Doctor** [Dje07].

doctorate [Hei89-27]. **doctorates** [Hei01b]. **documentary** [CHW91, WC84].
documentation [Aas02e]. **Documents** [Kra07, Lan08, Lau07, Pop16c, Aas02b, Aas02d, Ano02a, Dör05, Hof23, Paw02a]. **Dodging** [Mac78a]. **does** [MB11a, Hei51e, Hei68b]. **Doktor** [HVTK⁺97]. **dokumentasjon** [Aas02e].
Dokumentation [GZ92b]. **Dokumente** [Ano02a, Hof23, Paw02a]. **dollar** [CP93]. **Domains** [Gre62, Maa05]. **Dominique** [Jor78]. **done** [Hei89-40].
Don't [RMRP09]. **Doomed** [Eck90]. **Dörries** [Kra07, Lan08, Lau07].
Double [Hei74e, dB58]. **double-solution** [dB58]. **doublets** [SH22b]. **doubt** [Ano12]. **Doubts** [Hei53j, Hei84-53]. **d'ouvrages** [Bar04, CD94, Mat86b, Mat86a, Mat87]. **Downwind** [Sei90a]. **Dr** [Ano71, Hei36i, Hei53b, Hei53q, Hei65f, Hei89t, vW1]. **Dr.** [Ano29, Mor48].
draft [Hei62n]. **Drama** [Aas02e, Cas22, Sch22, Gla00, Sch15]. **dramatic** [Cas17]. **Dramatik** [Sch15]. **Drawing** [Ber03]. **dream** [Irv67a]. **dreamers** [VB15]. **dreams** [Haw11]. **Drei** [Deh37, RDP⁺95, Hei39b]. **dreiatomiger** [Hei24c]. **Dreier** [HMSH78, Sch05]. **dreissiger** [Fie80]. **Dresdener** [URWB95]. **Dritte** [Bed03, Bed04, Cas93c, Hei67a]. **Dritten** [Bey82, BDR89b, Hau22, Hei47a, HW07, HW11, Pop18]. **Drive** [Bro93].
Drogenkoch [Ost11]. **drogi** [Inf33]. **Drop** [Kae31]. **drug** [Ost11]. **dual** [Per88, Tem91]. **Duality** [RS94, Cam06]. **due** [Wei93]. **Duffee** [BMG⁺50].
durch [BDR84f, DDH42b, DDH89b, EHR⁺96, Hei32h, Hei36d, Hei37b, Hei38c, Hei38b, HA⁺48, Hei64b, Hei84l, HMSH78, KH25, URWB95].
durchdringende [Hei41c, Hei84n]. **durchdringenden** [Hei38d, Hei43c].
Durchführung [Hei41g]. **Durchgang** [Hei36d, Hei37b, Hei38c, Hei38b, Hei84l, BDR84f]. **During** [KH19, Ano44a, HB82b, Hei73a, Hof05, vM05a]. **Durr** [Bro85, Bro86, GRE⁺01, Kra86a, TW91, Mat87, Sch91b]. **Dutch** [Hei39c, Hei84j]. **DVD** [Hah10]. **DVT** [DRF90b]. **DVT-Preis** [DRF90a].
Dynamic [Pan02, TBL02]. **dynamical** [Kav24]. **Dynamics** [RFS⁺91, RG72, BT96, BG96, DMCF06, EHUY92, HP29, HP30, JKS13, PL91, Hei27a].
Dynamics/Audretsch [RFS⁺91]. **Dynamik** [MGG⁺95]. **Dyson** [LD66].

E. [Hei41e, Hei89-34, Wig96j]. **early** [Blo76a, Blo76b, Blo85, Sch05, Sch07, Sal19]. **Earth** [HEB⁺80]. **East** [Ano68]. **easy** [DRB86]. **easy-axis** [DRB86]. **Eavesdropping** [Hol93b].
Ebel [SCH⁺78]. **Eckart** [Eck70]. **Economic** [McC94]. **Econophysics** [vRFS⁺00]. **Ed** [Lan08, Wit83, Cru23, Kra07]. **Eddington** [Adl03, Cal14].
edelgasahnlicher [Hei23a, BDR84j]. **edge** [Hol18]. **Edited** [Cas05, Eis00].
Edition [Hei53x, Hei93b, Hei93d, Tre01, Hei31b, Hei53b, Hei68j]. **Editor** [Ben13, LRD⁺91, Pow02, Rab48]. **Editorial** [Rig87]. **editors** [And89]. **Eds** [Kra86a]. **Education** [GHW36, HGW⁺89a, Hei89-30, Ano61a, Hei49h, Hei69k, Hei69l, Rot93, HGW⁺89a]. **Edward** [Dür05, Sei90a, Dür05, MF69, Wig96b]. **Effect** [BM84, Hen98, HJ43, Hei22c, Hei24d, Hei25d, HJ26, Bre23, Lud01]. **effective** [DDH42a, KSGB⁺83]. **Effekte** [Hei24d]. **effektiven** [DDH42a, DDH89a].

Effetto [Lud01]. **efficiency** [HJ43]. **Efficient** [TR09]. **effort** [Bro93].
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[URWB95]. **Ehrendoktorgrades** [Hei89-27]. **Ehrensaal** [Rec91a, Rec91b].
ehrt [DRF90a, DRF90b]. **Ehrung** [Rec91a, Rec91b]. **Ehrungen** [Hei64b].
Eichler [BMG⁺50]. **Eigenschaften** [Hei84-48, Hei84g]. **Eigenvalues**
[KBWJ96]. **Eight** [Bor53, Hei52k, BBH⁺62]. **eighteen**
[BBF⁺57b, ABH⁺55, ABH⁺87, Got83]. **eightieth** [Hei62i]. **Eighty** [Hei38g].
ein/Gesamtdeutsche [DRF90a, DRF90b]. **einem**
[DDH42a, DDH42c, DDH89a, DDH89c, Fis02, Hei31j, RDP⁺95]. **Einfluß**
[BH24a, BH63b, Hei24c]. **Einführ** [Ano35b]. **Einführ-ung** [Ano35b].
Einführung [Deh36, EHR⁺96, Haa34, Hei36b, LSK⁺76, RFS⁺91, SCH⁺78,
SPS⁺64, Hei43h, Hei62f, Hei67d]. **Einführung/Gaisser** [RFS⁺91].
Einführungstagung [Hei69b]. **eingeweiht** [DRF90a, DRF90b, URWB95].
eingeweiht/Photonik [URWB95]. **eingeweiht/Studienförderpreis**
[DRF90a, DRF90b]. **Einheit** [Hei42d, Hei49c, Hei53f, Hei69e, Lan72].
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einigen [Hei27b]. **Einleitung.** [Hei43o]. **einmal** [Hei64c]. **Einsatz**
[URWB95]. **Einstein**
[Adl03, ARK⁺99, Bes04, BB69, Bro72, Bro95, Car97, Eis00, Fay07, Fer07,
For09, GRE⁺01, HEB⁺80, HVTK⁺97, Hei49a, Hei53b, Hen86, HvMW79,
Kra96, Mar73, MGG⁺95, Mil12, OSWR86, Par06, PHvMW01, PvM93, Pye81,
Rec86, RS11a, Tur06, vMHW85, vM93, vM96, vM99, vM01, vM05b, Acz01,
BB69, BB71a, BB71b, BB05, Cas75, CG14, FW07, Fin96, Fri11, Hei49a,
Hei53b, Hei55a, Hei62n, Hei67e, Hei74o, Hei75e, Hei77c, Hei83f, Hei86o,
Hei89o, HvMW79, Hol18, Hol00b, Hol05, Kle17, Lin07, Lin08, Meh87, Mon04,
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Einsteinbüste [Hei86o]. **Einsteins** [Hei55a]. **Einweihung** [Hei72f, Hei86o].
einzelnen [HJ43]. **Electric** [BSP⁺70]. **electrodynamic** [Hei48c].
electrodynamical [SME77]. **Electrodynamics** [Ano75, BSP⁺70, Hei62g,
Hei65k, HDW75, Hei79c, Hei79b, Hei84-53, Hei84q, Hei84r, Hei84-30, Sch02c,
Sch58, Sch03, DHYY65, Dys51a, Dys51b, Hei53j, Hei85b, AH57, Hei63d].
Electromagnetic [Hei47c, RFS⁺91]. **Electron**
[Ano34, Hei29c, Hei46f, WMG⁺92, BH23a, Hei30e, Hei38a, Hei52s, Hei84i,
HBE87, SHI73, Ano34, BDR84l, BH63a]. **Electronic** [Dje07]. **Electronics**
[BSP⁺70]. **Electronics/Moelwyn** [BSP⁺70].
Electronics/Moelwyn-Hughes [BSP⁺70]. **Electrons**
[OSWR86, Hei26e, Arg09]. **Elektrodynamik**
[vRFS⁺00, AH57, Hei63d, Hei84r]. **elektrodynamische** [Hei48c].
elektromagnetischer [Hei47c]. **Elektron** [Hei38a, Hei52s, Hei84i].
Elektronen [Hei26e]. **Elektronenbahnen** [BH23a, BH63a].
Elektronenmikroskopie [DRF90a, DRF90b]. **Elektronenmikroskopische**
[BSP⁺70]. **Elektronentheorie** [BDR84l, Hei46f]. **Elektronikindustrie**
[RDP⁺95]. **Elektrons** [Hei30e]. **Elektrotechnik** [RDP⁺95]. **Element**
[MA40, vW41b, Rig02]. **Elementarteilchen** [BDR85b, Hei38h, Hei43j,

Hei44a, Hei53o, Hei68d, Hei84-48, Hei84-59, Hei93c, BDR84g, DHM⁺59, Hei39f, Hei43m, Hei50j, Hei51m, Hei51i, Hei55c, Hei56k, Hei58a, Hei58m, Hei59b, Hei61b, Hei62a, Hei62f, Hei62h, Hei63c, Hei64a, Hei65b, Hei65e, Hei67d, Hei70h, Hei84d, Hei84g, Hei84k, Hei84o, Hei84m, Hei76h].
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[Hei27f, Hei27c, Hei27d, Hei28b, Hei28d, Hei28e, Hei29a, Hei29b, HP29, Hei30a, Hei30f, Hei30h, Hei30g, Hei30d, HP30, Hei30e, Hei31b, Hei31c, Hei31a, Hei31j, Hei31i, Hei31e, Hei31f, Hei31k, Hei31h, Hei31g, Hei31d, Hei31l, Hei32f, Hei32g, Hei32h, Hei32i, Hei32j, Hei32d, Hei32e, Hei33b, HPE⁺33, Hei33d, Hei33c, Hei34b, Hei34a, Hei34e, Hei34d, HSD34a, Hei34i, Hei34f, Hei34g, Hei34h, Hei34j, HvLM⁺35, Hei35b, Hei35a, HE35, Hei35d, Hei35c, Hei35f, Hei36i, Hei36b, Hei36a, HJFS36, HSBR36, Hei36c, Hei36d, Hei36e, Hei36f, Hei36g, Hei36j, Hei36h, Hei37b, Hei37c, Hei37d, Hei37e, Hei37f, Hei38d, Hei38c, Hei38b, Hei38f, Hei38e, Hei38g, Hei38a, Hei38h, Hei38i, Hei39a].

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[HGT⁺39, Hei39b, Hei39d, Hei39f, Hei39e, Hei39j, Hei39i, Hei39h, Hei40a, Hei41a, Hei41b, Hei41g, Hei41c, Hei41d, Hei41f, Hei41e, Hei42c, Hei42b, Hei42d, Hei42a, HBF⁺42, Hei42e, Hei43u, Hei43e, Hei43g, HSB43, Hei43m, Hei43j, Hei43f, Hei43h, Hei43i, Hei43k, Hei43l, Hei43o, Hei43b, Hei43p, Hei43n, Hei43d, Hei43c, Hei43a, Hei43s, Hei43r, Hei43t, Hei44a, Hei44b, Hei44c, Hei44d, Hei45a, Hei45b, Hei46d, HF46, Hei46f, Hei46b, Hei46c, Hei46e, Hei47a, HvL47, HKvL47, Hei47e, Hei47b, Hei47f, Hei47j, Hei47k, Hei47l, Hei47c, Hei47i, Hei48a, Hei48e, Hei48d, Hei48b, Hei48c, Hei48g, HvW48, HW48, Hei48n, Hei48k, Hei48l, Hei49a, Hei49b, Hei49c, Hei49k, Hei49d, Hei49f, Hei49e].

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[Hei49g, Hei49h, HW49, Hei49l, Hei50e, Hei50a, HHKG50, Hei50b, Hei50c, Hei50d, Hei50j, Hei50g, Hei50h, Hei51c, Hei51e, Hei51m, Hei51a, Hei51f, Hei51i, Hei51d, Hei51j, Hei51k, Hei51l, Hei52a, Hei52b, Hei52c, Hei52r, Hei52f, Hei52g, Hei52p, Hei52s, Hei53a, Hei53t, Hei53e, Hei53f, Hei53k, Hei53l, Hei53g, HR53, Hei53b, Hei53c, Hei53o, Hei53y, Hei53h, Hei53q, Hei53s, Hei53u, Hei53x, Hei53v, Hei53w, Hei54c, Hei54b, Hei54e, Hei54f, Hei55a, Hei55c, Hei55b, HKM55, Hei56a, Hei56g, Hei56e, Hei56d, Hei56h, Hei56m, Hei56i, Hei56c, Hei56n, Hei56j, Hei56f, Hei56k, Hei57e, Hei57b, Hei57c, Hei57d, Hei58d, Hei58a, Hei58k, Hei58l, Hei58m, Hei58e, Hei58g, Hei58h, Hei58i, Hei58t].

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[Hei58f, Hei59b, Hei59a, Hei59d, Hei59e, Hei59g, Hei59h, Hei59i, Hei59k, Hei60b, Hei60c, Hei60f, Hei60a, Hei60i, Hei60j, Hei61c, Hei61a, Hei61b, Hei61d, Hei61e, Hei61h, Hei61i, Hei62a, Hei62f, Hei62h, Hei62i, Hei62b, Hei62m, Hei63a, Hei63c, Hei63d, Hei63e, HB63, Hei63b, Hei63k, Hei63l, Hei64a, Hei64b, Hei64e, Hei64f, Hei64g, Hei64c, Hei64h, Hei65a, Hei65p, Hei65c, Hei65f,

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[Hei69g, Hei69l, Hei69o, Hei69d, Hei69m, Hei69n, Hei70b, Hei70a, Hei70f, Hei70c, Hei70h, Hei70d, Hei71a, Hei71c, Hei71d, Hei71b, Hei71h, HBD71, Hei71l, Hei71m, Hei71n, HB⁺72, Hei72f, Hei72b, Hei72c, Hei72g, Hei72j, Hei72i, HnH72, Hei72k, Hei72l, Hei72m, Hei72e, Hei72n, Hei73a, Hei73f, Hei73e, Hei73g, Hei73c, Hei73i, Hei73j, Hei74c, Hei74d, Hei74q, Hei75f, Hei75e, Hei75m, Hei75r, Hei75q, Hei75p, Hei75t, Hei76e, Hei76g, Hei76h, Hei77e, Hei77c, Hei77h, Hei77i, Hei78, Hei79c, Hei79b, Hei79d, Hei79g, Hei79e, Hei80, Hei81b, Hei81c, Hei82b, Hei82c, Hei83a, Hei83e, Hei84d, Hei84-48, Hei84g, Hei84e, Hei84f, Hei84-63, Hei84n, Hei84l, Hei84k, Hei84o, Hei84p, Hei84r, Hei84-54].

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Geschehen [Hei61e]. **Geschichte** [AH93, All06, Hau22, Hei33d, Hei71b, Hei75g, Kar05c, LMOS15, MGG⁺95, Rür79, vBL96a, vBL96b]. **Gesellschaft**
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[RDP⁺95]. **Gesichtspunkte** [EH38, EH84, Hei72l]. **Gesprach**
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[Hei69g]. **gewidmet** [Hei43r, Rec02a]. **gewinnung** [Hei89n]. **gewusst**
[Got02b]. **Geyer** [EHR⁺96]. **ghost** [Hei56o]. **Giannetto** [Pol00]. **Gierer**
[WMG⁺92]. **Gifford** [Cal14, Edd07, Edd12]. **Gift** [MP01]. **Gilmore**
[HVTK⁺97]. **Gino** [Wal08]. **Giuseppe** [Pol00, Cir88]. **Given** [Hei75s].
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[Sta09a]. **Goldman** [Sei90a]. **Gombás** [Hei50a]. **good** [Hei67e]. **Google**
[Dje07]. **Goose** [Ano36]. **Goose-Steps** [Ano36]. **Göppingen**
[Hei89b, Hei89b]. **Gordon** [Sei90a, Kra84, Mie80]. **got** [Ols63]. **Gott**
[Hei67g]. **Göttingen**
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Göttinger [GRE⁺01, Hei89f, Hei89q, KF01]. **Gottow** [Hei43e]. **Gottower**
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[Hei27b, Lak96, Kae47, LRD⁺91, Rec91d, Wal90a, vC16, vCH18]. **GPU**
[BPP11]. **Grabe** [Hei86m]. **graded** [GH10, MP92]. **graduations**
[HR02b, RW02]. **granite** [Hei77f]. **Grant** [Ano33, Sei90a]. **graphite**
[BBF⁺45, HBB⁺89]. **Grau** [LSK⁺76]. **grave** [Hei86l, Hei86m]. **Gray**
[SPS⁺64]. **Great**

[Bro97, Cas97, Cre10, Gre10, Hal09, Hei75b, Bre97, Büh98b, Hei65d, Kae48b, KW87, Lig05, Ols63, Pic08, AFG90, Bes04, vW02, vWR04]. **Greatest** [Acz01, Hür22, Kra86b]. **Greek** [Nic90]. **Green** [KA71, LB72, Unr72]. **Green's** [Ni04b]. **Greeting** [Hei73a]. **Greetings** [Hei75r]. **Gregg** [Wal08]. **Gregor** [Hei43h, Hei43h]. **Greif** [Kra87]. **Grenze** [Hei36e]. **Grenzen** [Hei38f, Hei84-48, Hei711, Hei73g, Hei76g, Hei77h, Hei84-62, Hei89-29]. **Grenzgänger** [Sch05, Sch07]. **Greub** [SPS⁺64]. **Griffin** [Kra86b, Kra87]. **Griffiths** [Yeh70]. **grinding** [Hei22b, Hei84w]. **Grönblom** [Hei43f]. **Grönbloms** [Hei43f]. **Gross** [HW84b]. **Großbeschleunigern** [Hei721]. **Grosse** [ARK⁺99, Hei72a, vRFS⁺00, Rec01, Bes04, Erm89, vW02, vWR04]. **Größen** [Hei43j, Hei65d, URWB95, vW48]. **Größen“** [Hei43m, Hei44a]. **großer** [vRFS⁺00]. **Großforschung** [MGG⁺95]. **Großversuche** [Hei44c]. **Großversuche** [Hei89-33, HW84b, HW48]. **Ground** [BT78, Bra97, Bec02, Wre75]. **Ground-State** [Bra97]. **Group** [Far01, FMV07, He04, HP93, Kor05, Ni04a, Ni04b, Pau93, Wan01, BM93, BK88, CZ81, CGST91, Dun86, ES95, Flo97, GBLW86, GV85, GV86, Gel84, Gre80, KS92, LN06, Low97, RRK⁺64, Sud06, Tor91, WB03, Hei28b, Hei31b, Ras78, Hei27b]. **Group-theoretic** [Ras78]. **Groups** [EHR⁺96, Wey31b, Wey50, DDI03, JZ11, KSSA78, Pac88, Scu75, Sem03]. **Groups/Schmidt** [EHR⁺96]. **Groups/Schmidt-Rohr** [EHR⁺96]. **Groves** [Sei90a, Erm89, Gol95]. **Grummt** [RFS⁺91]. **Grünbaum** [CL83]. **Grund** [Ano35b, Deh36, Haa34, vW1]. **Grundfragen** [Hei58g]. **Grundkurs** [MGG⁺95]. **Grundlag** [Hei35e]. **Grundlage** [GRE⁺01]. **Grundlagen** [Ano35a, Ben35, Clu37, Deh37, DS43, Hei34i, Hei34f, Hei34g, Hei34h, Hei35f, Hei36h, Hei42e, Hei43t, Hei44d, Hei45b, Hei47i, Hei49l, Hei59i, Hei73j, Hei89n, KED⁺60, Mos42, Som36, Str62a, Str62c, Wil36a]. **Grundlagenforschung** [Hei56n]. **Grundlegende** [Hei59b]. **Grundphänomene** [Hei39b]. **Grundprinzipien** [Hei27f]. **Grundprobleme** [Hei49e]. **Gründung** [Hei30a, RDP⁺95]. **Gruppentheorie** [Hei28b, Hei31b, Wey31a]. **Grußwort** [Hei75r]. **Gu** [HVTK⁺97]. **guests** [GP92c]. **Guide** [Rod19, Sei90a]. **Guido** [Sta11a]. **Gun** [Dah22]. **Gustav** [Cas79a]. **Gutachten** [Cas03, Hei01b, HR02b, RW02, Hei02]. **Gutachten-** [Cas03, Hei01b, HR02b, RW02]. **guter** [Hei67e]. **Gymnasium** [Hei89b, Hei89b].

H [Adl03, Ano94, Bro85, Bro86, Cru23, Fra94, Jac11a, Jac11b, Kra86a, Mat87, Sch91b, TW91, Wit83, JZ11]. **H-type** [JZ11]. **H.** [Hof11]. **H.-P** [Bro85, Bro86, Kra86a, Mat87, Sch91b, TW91]. **Haas** [Deh36, HEB⁺80]. **Habilitationen** [Cas03, Hei01b, HR02b, RW02]. **Habilitations** [HR02b, RW02]. **Hafemeister** [Sei90a]. **Hahn** [GRE⁺01, Hei54e, Hei68f, Hei69f, KF01, MGG⁺95, Sim07, Wal03, vS14, BMP87, BM94, Hei54e, Hei68e, Hei68f, Hei69f, KF01, OS03, She83a, She83b, Sim07, Sim12, Wal03, Wal06, vS14]. **Hahn-Meitner-Instituts** [MGG⁺95]. **Hahn-Meitner-Instituts/Fölsing** [MGG⁺95]. **Haigerloch**

[Läs13, Fec90, FTF01, GORS09, Läs13, Mac85]. **Halbleiter** [WMG⁺92]. **Halbleiterbauelemente** [OSWR86]. **Halbleiterbauelemente/Stitch** [OSWR86]. **Halbleitermarkt** [RDP⁺95]. **Halbleitermarkt/Röntgenspiegel** [RDP⁺95]. **halbtechnischen** [Hei42b, Hei89g]. **half** [GV86]. **half-space** [GV86]. **Halfway** [Bar07]. **Hall** [BC95, BL08, FS93, Hah45, Hei64b, Hof92, Hof93, Hof23, Mar94, OS03, WR92, Wal93, BDJ57, Ber92, Ber93, Ber96, Cas17, Cas22, Dah22, FS93, Fra93b, Fra93c, Fra93a, GP92c, Hah45, Hof92, Hof93, Hof22, Hol22, Klo93, Luc07, McC24, Rec91a, Rec91b, WR92, Wal93]. **Hall-Protokolle** [Wal93]. **Halle** [HH14, Wit83]. **halting** [Lap91]. **Hamiltonian** [Fri98, CA76, Fal64, Fri97, Gid71, KBWJ96, TR09]. **Hamiltonians** [KSGB⁺83, SMMM87]. **Handbook** [FBD⁺22, OSWR86, SPS⁺64]. **Handbook/Brandt** [SPS⁺64]. **handing** [Hei89b]. **handing-over** [Hei89b]. **handling** [Döp42]. **Hane** [Sei90a]. **Hanle** [Hei25a]. **Hans** [Cas79a, Hei75q, BR64, Cas79a, Hei75q]. **Happer** [BSP⁺70]. **Happy** [Rec10]. **Harald** [Mil12, RS11a]. **hard** [JD06]. **hard-core** [JD06]. **hardback** [Hen11, Sta11b]. **Hardbound** [Wat01]. **Hardy** [Adl03]. **hare** [Hei39c, Hei84j]. **Harish** [LJ08]. **Harish-Chandra** [LJ08]. **Harmonic** [BSP⁺70, GV86, New35, BDH88, CGM⁺71, Dun86, Lun84]. **harmonics** [Gel84, Gre80]. **Harmonie** [Hei67h, Hei67i]. **Harmony** [Hei67h, Hei67i]. **Harnack** [Hei31g]. **Harnack-Haus** [Hei31g]. **Harper** [Ano68, Bun71]. **Harriet** [CS94]. **Harteck** [Erm89]. **Harvard** [Par06, Tur06]. **harvest** [Bra09]. **Haus** [Hei31g, RDP⁺95, URWB95]. **Havlin** [MGG⁺95]. **Hawking** [Pic08]. **Hayes** [Bor53]. **hbk** [Lan02]. **Head** [Mon09]. **headed** [Gou47a]. **Health** [KED⁺60]. **Heat** [Ni04b, Hei24c, KH47]. **Heavy** [Bør12, Dah99, Hei52n, DDH40b, DDH89e, Hei38a, Hei84i, vW41b, Wat01]. **Hechingen** [Läs13, Läs13]. **Hedwig** [Bro72, BB69, BB05]. **Heelan** [Bab02, HH75]. **Heelans** [Hei75h]. **Heft** [FS93]. **hegemony** [Cus94, Lev95]. **Heidegger** [Sei90b]. **Heidelberg** [Büh95, Eis00, Hen86, Hen11, Kra86a, Rec03]. **Heimendahl** [SPS⁺64]. **Heinrich** [URWB95, BHN98, Hen98]. **Heinrich-Hertz-Institut** [URWB95]. **Heirs** [Tau94]. **Heisenberg** [Adl03, Ano35a, Ano35b, Ano51, Ano84a, Ano06, Ano08, ARK⁺99, Bar04, Bed09, Ben30, Ben34, Ben35, Bes04, BMG⁺50, BCL⁺69, BDR84a, BDR84b, BDR85a, BDR84c, BDR84d, BDR85b, BDR86, BDR89a, BDR89b, BDR93, B⁺61, Bor58, Bor72, Bor53, Bro72, Bro85, Bro86, Bro95, BSP⁺70, Büh95, Büh98a, Bun71, BW04, Car97, Cas75, Cas74, Cas93c, Cas95, Cas03, Cas05, Cir88, CL94, Clu37, Cru23, Dah02a, DPL96, Deh36, Deh37, DS43, DRF90a, DRF90b, Dür05, Eck12a, Eck12b, EHR⁺96, Eic50, Eis00, Fay07, Fel54, Fer07, Fis02, Fis10b, Fis12b, Fis15, For09, Fri98, Fue61, Ful15, GZ92b, GZ92a, GRE⁺01, Got02b, Got04, Gou76, Haa34, HEB⁺80, Hah06, Hah10, Han62, HVTK⁺97, Hen86, Hen11, Her76a, Her76c, HMSH78, HvMW79, Her84, Her01, Hof11, Hor66, Huf71]. **Heisenberg** [Jac01, Jac03, Jac11a, Jac11b, Joh59, Jor71, Kan03, Kle17, KW93, KRW05, KED⁺60, Kra86a, Kra96, Kra07, KF01, LW34, Lak96, Lic16, LSK⁺76, Lud01,

Mac78b, Mac58, Mar73, MGG⁺95, Mat86b, Mat86a, Mat87, May87, Mil12, Mil58, Mos42, MP77, Mot85, OSWR86, OS03, Otr79, Par06, Pau31, PHvMW01, PvM93, Paw02a, Paw06, Pol00, Pop18, Pye81, Rec81b, Rec85a, Rec85b, Rec86, RFS⁺91, Rec91a, Rec91b, Rec92, Rec96, Rec01, RW02, Rec02b, Rec03, RKW05, Rec09, Rec10, Rob82, RDP⁺95, RDM⁺12a, SZ74, Sap10, Sch82, Sch05, Sch07, Sch59, Sch02a, Sch26, Sch30, Sch00b, Sch91b, Sei90a, Som36, Sta11a, SCH⁺78, Str62b, Str62c, SPS⁺64, Tel93, Tre78, Tur06, URWB95, Wal92, WMG⁺92, Wei85, Wig67, Wil36a, Wil36b, Wit83].

Heisenberg [vMHW85, vM93, vM96, vM99, vM01, vM05b, vRFS⁺00, vS14, Aas00, Aas02a, Aas02b, Aas02d, Aas02c, Aas02e, Abd97, Aga02, AMS04, Alt06, AS03, Ano29, Ano33, Ano34, Ano35b, Ano44b, Ano54, Ano61b, Ano68, Ano71, Ano73, Ano75, Ano76, Ano77a, Ano77b, Ano83a, Ano98, Ano99, Ano02a, Ano04a, Ano05, Ano11, Ano12, Ano20, Ano25, Anoxx, Arg09, Ari23, AG88, AFW94, AP22, BT78, BC09, Bac22, Bac52, BT96, BG96, BKBS93, BM93, BK88, Bec02, BDH88, BK04, Bel85, Bel92, BMP87, Bt87, BPP11, Ber95, Ber02, BL03, Ber04, Bes98, Bes04, Bil03, BHX96, Bla86, Ble90, Blo76a, Blo76b, Blo85, BDR84c, BDR84d, BDR84e, BDR85b, BDR86, BDR89b, BRL06, BJLR17, Boh62, Bok04, Bok06, Bok10]. **Heisenberg** [BB96, B⁺61, Bor70, Bor49, Bal07, Bra97, BM94, BM11, Bre23, Bre97, Bri65b, Bro93, Bro02a, Bro02b, Bro71, Bro73b, Bro77, BM84, BM86, BR87, BR96a, BN08, Bru76, Büh98a, Bun77, BW04, Cam05, Cam06, Cam07a, Cam07b, Cam09, Cap57a, Cap57b, CL05, CBS20, Cap01, CK95, Car76, CS94, Car99b, Car02a, Car02b, Car03, Car10, Cas76, Cas78, Cas79b, CR84, CB84, Cas92a, Cas92b, Cas92c, Cas93c, Cas95, Cas01, Cas02c, Cas02d, Cas09, Cas11, Cas14a, Cas15, CDvW77, Cav14, CZ81, CGST91, Ces18, Cha92, CM02, CK02a, CK02b, Chi01, CRR93, Cla23, Cle09, CA76, Cle06, Cop81, Cor79, Cor71, CP84, Cre10, CG14, Cul05, Cus86, D'A03, Dah02b, DMdA06, DKLN92, DPL94, DM99, DLW08, DC87, DDI03, DMCF06, DeG74, DJR93, Del13].

Heisenberg [DC48, DGH⁺12, DGS99, DL08, Dir28, Dir64, Dir76, Dör05, DD13, DRB86, Dun86, DB71, Dür76, D⁺92, Dür05, Dur00, Dys51a, Dys51b, DLS76, Ech96, Eck33, Eck90, Eck92, Eck01, Eic50, El 00, EMGM94, ES95, Eng09, Enz83, Erm89, Ess71, EHUY92, FO94, FO99, Fal64, Fav05, Fed04, Fed18, FR04, FR08, FR13a, Fer99, Fin96, Fis02, Fis15, Fis64, FT94, Flo97, Foo94, Fra94, Fra10, Fri97, Fri13, Fri11, Fue61, Ful15, FMV07, GBLW86, GbK77, Gar91, GV85, GV86, Gel84, GH10, Gem87, GA02, GZ92b, GZ92a, GLSC01, Got02a, Got02b, Gou90, Gou47c, Gre62, Gre63, GKZL96, Gre80, GS12, GWW⁺09, HN55, Haa34, Hah10, Hah11, Hak02, HR02a, Han79, Har73, He04, Hea77, Hea11, Hee75, Hei54a, Hei72a, Hei35g, Hei36i, Hei36e].

Heisenberg [Hei47f, Hei48m, Hei51k, Hei56c, Hei65f, Hei67h, Hei67i, Hei70j, HBD71, Hei72m, Hei74e, Hei75n, HDW75, Hei79c, Hei80, Hei83a, Hei84a, Hei89t, Hei91a, Hei01b, Hei02, HR02b, Hei04, Hei05b, Hei08a, Hen93, Hen98, Hen00, Hen10, Her69, Her76a, Her76b, Her76c, HvMW79, Her84, Her01, HBB⁺07, HN99, HK00, Hof02, Hol84, Hol00b, Hol05, HS81, HS83, Hor66, HS70, Ing70, Ing32, Isa82, IM95, Jac01, Jad14, Jam76, JD06, Jau93, Jau29,

Jes98, JLP⁺02, JZ11, JKS13, JTD⁺98, Kan02, Kar05b, KBWJ96, KF02, Kas11, KW02, KW03, Kat96, KI64, KSSA78, Kav24, Kem85, KKM⁺09, Kle54, Kle78, KLV80, KSGB⁺83, KS92, Kle17, KRW05, Koo89, Kor05, Kra95, Kra93, KF01, KJ06, KF07, KA71, KGNS10, KPS⁺95, Kva76]. **Heisenberg** [Lac02a, Lac02b, LM87, Lan59, Lan72, Lan02, Lan08, Lap90, Lap91, LB72, LL77, LN06, LBS⁺04, LL86, LM29, LTG⁺12, Lin07, Lin08, LFK99, LL82, LH01, LJ08, LWZ10, Loc07, Loe63, LRD⁺91, LS93a, LS93b, Log99, LD66, Los61, Low97, Luc82, Lud01, Lun84, Lus10, sMDN⁺11, Maa05, Mac78a, Mac77, Mac86, Mac87, MP92, Man11, Man91, Mar08, Mas04, Mas14, MC97, McC24, MC82, Meh87, Mes04, Mey76, MS15, Mie80, Mie81, ML71, Mil85, MMSV98, Mon09, Mon04, MB11b, Moo93a, Moo93b, Mor71, Mor72a, Mor72b, Mor72c, Mor97, NAZ02, NKD⁺11, Nar93, Neu99, Ni04a, Ni04b, Nis32, OD03, O'F92, OS07, OS03, Ome75, Ome79, Ore98, Ost11, Otr79, Oza02, Oza03, Pac88, PC14, Pan02, PLS02, Pau34, PHvMW01, PvM93, Paw02a, Paw02b, Paw06, Pei71]. **Heisenberg** [Pei92a, Pei92b, Pei93a, Per88, Per64, Pfe77, Phi92, Plo10, Pol95, Pop18, PL91, PDL92, Pow76, Pow93a, Pow93b, Pow94, Pow00, Pow02, PSZM02, Pug80, Raz11, Rec81a, Rec84, Rec91a, Rec91b, Rec91c, Rec91d, Rec92, Rec93, Rec96, Rec01, RW02, Rec02b, RKW05, Rec10, Ree24, RH02, Rhe91, Rig87, Rob69, Rob80, Roh85, RS94, RW92, Ros98, Ros60, RSM87, Rot93, Roy78, RDM⁺12b, Rud58, Rus64, SZ73, SHI73, Sal01, SMMM87, San02, San81, Sch01, Sch82, Sch11a, Sch05, Sch07, SAR⁺09, Sch02b, Sch99, Sch00a, Sch26, Sch66, Sch15, Sch22, Scu75, Sei90b, SK73, Sem03, Ser77, Set11, Shi02, Shi78, Shi83, Shi86, Sil13, ST65, SK09, Sla72, Smo93, Smo92a, Smo92b, Smo92c, Smo92d, Sno49, Sny82, Sor02]. **Heisenberg** [Spi98, Squ67, SL70, Sta11b, Str62a, Sud06, SF71, Swe93, Tan04, Tau94, TW91, Tel76, Tel93, Telxx, Tel01, Tem91, Ter82, Tho80, Tiw14, TR09, Tor91, Tre01, Tri02, TBL02, Tut05, Tya63, Unr72, VBN95a, VBN95b, Van41, VZ09, VL97, Vya99, Wag81, Wal90a, Wal20b, Wal22, Wal83, Wan98, Wan01, War90, Wei98, Wei93, Wel92, WF19, WB03, Wig76, Wil84, Wil99, Wis98, Wit12, Wol14, Wre75, Wüt16, Yaf00, Yam02a, Yam02b, Yam02c, Yan13b, Yeh70, Zak96, Zan02a, Zan02b, Zel87, ZG96, Žup65, d'E92, dB58, dB82, dB90, dG14, dR99, dSL02, dlP80, vD15, vBN95c, vBW88, vM02, vM05a, vS14, vWvdW77, vW02, vWR04, Ano94, CD94, Dre92, Gar91, Gre10, Lau07, Mat86a, Mot85, Paw08, Roh85, Wei85, Ber93]. **Heisenberg** [Bro97, Car99a, Cas91, Cas93a, Cas97, Cas02a, Hol93a, Lal15, LH93, Pei93b, RS11b, Swe93, Wal99, Wil94]. **Heisenberg-** [Pug80]. **Heisenberg-brev** [Sch15]. **Heisenberg-Limited** [LBS⁺04, BM11, HBB⁺07]. **Heisenberg-Limits** [Sch11a]. **Heisenberg-Mikroskop** [URWB95]. **Heisenberg-Programm** [Ano84a, Ano84b, Ano83a]. **Heisenberg-Programm/1-Megabit-Speicherchip** [Ano84a]. **Heisenberg-type** [HR02a]. **Heisenberg/Braun** [LSK⁺76]. **Heisenberg/Die** [Eic50]. **Heisenberg/DVT** [DRF90a, DRF90b]. **Heisenberg/DVT-Preis** [DRF90a]. **Heisenberg/Schrödinger** [Fri98, Fri97]. **Heisenberg/Strobl** [HVTK⁺97]. **Heisenberg/The** [Eic50].

Heisenberg/Werner [WMG⁺92]. **Heisenberg/Zee** [vRFS⁺00].
Heisenbergs [Hei79c, Paw02b, WR92, vM02, Kar05b, Pow93a, vM05a].
Heisenberg'schen [Lan72, Sch30]. **Heitjans** [ARK⁺99]. **Heitler** [Hei62c].
Held [Meh73, CDvW75, CDvW79, CCJ⁺34, GZ95, Hei31g, Hei43p, Hei52p, Hei53l, HMW⁺84, NBH97]. **Helgoland** [Rov20, Rov21]. **helium**
[BH23a, BH63a, Hei24a]. **Heliumatom** [BH23a, BH63a]. **Heliums**“ [Hei24a].
Heller [Jun56, Jun64, Jun72, Jun90]. **Helmut**
[Cas05, Eck12a, Eck12b, Hen11]. **Helmuth** [PFH20, PFH20]. **help**
[Hei41f, Hei89-36, Hei89x]. **Heman** [Hei89s, Hei89s]. **hemmungslosen**
[Hei74c]. **Henri** [Adl03]. **Henry** [Sei90a]. **Hentschel** [Wal08]. **Heraeus**
[DRF90a, DRF90b]. **Herausgegeben** [Eis00]. **Herbert** [Sim79, Sim79].
Herbig [Cas05]. **Herder** [RFS⁺91]. **Here** [Ano29, Bro97, Cas97, Bre97].
heretics [DT18]. **Herewith** [Ols63]. **Heritage** [PFH20]. **Hermann**
[HEB⁺80, Hei28b, Hei31b, LSK⁺76, Mac78b, Pye81, Rec86, SCH⁺78, Hei28b, Hei31b, Tre78]. **Hermeneutic** [Bab02]. **hermeneutics** [Hee95]. **Hermite**
[Per88]. **Herneck** [Hei72a]. **Hero** [Tho97]. **Herold** [EHR⁺96]. **Herrmann**
[EHR⁺96]. **Herrn** [HVTK⁺97, Hei31f, HGW⁺89a]. **Herstellung** [vW41b].
Hertz [Cas79a, URWB95, BHN98, Cas79a, Hen98]. **hervorgerufenen**
[Hei32h]. **Herzberg** [URWB95]. **Herzberg/EU** [URWB95]. **herzlichen**
[Rec02a]. **Hess** [Ano51]. **Heuristic** [dR99]. **heuristics** [BJLR17]. **heutige**
[Hei65b]. **Heutigen** [Bor58, Hei53t, Hei53c, Hei53u, Hei55b, Hei56f, Hei57c, Hei58e, Hei59a, Hei60a, Hei62b, Hei63b, HG65, Hei66a, Hei68c, Hei70c, Hei72j, Hei72i, HnH72, Hei74d, Hei76e, Hei79d]. **Hewitt** [BSP⁺70].
Hexeneinmaleins [vM02]. **Hidden** [Mac85, ZG96, BC09]. **hierarchies**
[LTG⁺12]. **Hierarchy** [HK00]. **High** [Cus86, DGH⁺12, Hei84-28, BSP⁺70, Hei36d, Hei37b, Hei38c, Hei38b, Hei55e, Hei56l, Hei83g]. **High-Energy**
[Cus86, Hei36d, Hei37b]. **Higher** [RG72, GWW⁺09, LH24, GbK77].
Higher-Derivative [RG72]. **highly** [Hei84l]. **hike** [Wei98]. **Hilbert**
[Hei56m, Hei43u, Hei56m, Hei56o, Hei58w, Hei84-36, WB03].
Hilbert-Raums [Hei56m]. **Hildegard** [Hei53b]. **Hilfe**
[Hei41f, Hei89-36, Hei89k, Hei89x]. **Hillel** [UM92]. **Hintertreppe**
[Fis10a, Fis12a]. **Hinweis** [RDP⁺95]. **Hinweise** [URWB95]. **Hiroshima**
[Wal24b, Sei90a]. **Hirsch** [Cas05, Kan03]. **Hirsch-Heisenberg**
[Cas05, Kan03]. **Hirzel** [Ano35a, Ben30, Ben34, Ben35, Clu37, Deh37, DS43, Mos42, Str62b, Str62c, Wil36a, Wil36b]. **histogram** [dSL02]. **histoire**
[Kar07, Lur95, VB15]. **historia** [Kar06]. **Historian** [Cas22]. **Historical**
[Bru80, Cas00, Cas11, GL23, Hak02, Jam74b, Kra07, Lan08, Lau07, Lev95, SS16, Ano99, Cus94, Dör05, Hei29b, Mar08, Mil90]. **Histories** [Pei97].
Historiography [Wal24a]. **historische** [Hei29b]. **Historischen** [AH93].
History [Ber93, Ber03, Dur00, FW20, FBD⁺22, Hei75j, Hol93a, Jun58, Kar05c, Kra86a, Kra07, Lan08, LH93, LMOS15, Lib68, Mac85, Mat86b, Nic90, Pei93b, Pop16c, Ros00, Rür79, Sch00a, Sei90a, Sim10, Swe93, UM92, Wal17, WP85, Wil94, Wüt16, Ano02b, CHW91, Cas93a, Cas17, ET07, GHW09, Hau22, Hei33d, Hei73d, Hei75l, Irv67b, Jun82, Kar07, KHFA67,

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 [Hei84e]. **Methode**“ [Hei56e, Hei72b]. **Methodik** [BSP⁺70].
Methodik/Happer [BSP⁺70]. **Methodische** [BMG⁺50]. **Methodological**
 [Los61, Mon04]. **Methodology** [MWL⁺11]. **Methods** [Hei75b, Hei50a].
Methuen [Log00]. **Metric** [Hei84u, Hei84-36, Hei58w, Hei72h]. **metrics**
 [LN06]. **metrology** [Ano11, NKD⁺11]. **Meyenn**
 [Bro95, Eis00, GRE⁺01, HEB⁺80, Pye81, Rec86, ARK⁺99, MGG⁺95, Car97].
Meyer [Dje07]. **Michael** [Kra07, Log00, Dör05, Lan08, Lau07].
micromechanical [SAR⁺09]. **Microscope**
 [Cor79, KPS⁺95, Roy78, CL94, Foo94, Tan04, VL97, Vya99, Wil84].
Microscopic [BHX96]. **Microscopy** [WMG⁺92]. **Mie** [HW12a].
Mikroskop [DRF90a, DRF90b, URWB95]. **Military** [MS15]. **Miller**
 [Sei90a]. **Mind** [Hür22, Han62]. **minds** [Pic08]. **mine** [Sch26, Sch66].
Minimally [JD06]. **Minimum** [HK00]. **Minister** [GHW36, HGW⁺89a].
Minutes [Hei89-38]. **Miramare** [Meh73]. **Misconceive** [RW92].
Misinterpreted [Pop16c]. **Misleading** [Roy78]. **misrepresentation**
 [Tru72]. **Missing** [Joh13]. **mission** [Gou47a, Gou48b]. **mistaken**
 [Büh98a, Log96]. **Mistakes** [Bed03, Bed04]. **místicos** [W⁺87, WdC02].
Mitarbeit [KPMN20]. **Mitarbeiter** [Ano84a]. **Mitglied**
 [DRF90a, DRF90b]. **Mitglied/Neue** [DRF90a, DRF90b]. **Mitglieder**
 [HR⁺89]. **Mittel** [Hei46e]. **Mittelstaedt** [And89]. **Mitwirkung** [Hei65d].

Mladjenovic [ARK⁺99]. **Mobilization** [Joh13]. **Model**
 [Bra97, Cas79b, CJ72a, CJ72b, Fis64, Gre63, GR08, Hei57f, Hei58b, Hen98,
 KBWJ96, KI64, ML71, Alb73, BH23b, BR96a, BN08, CA76, DMdA06,
 DRB86, DLS76, Ech96, GbK77, GWW⁺09, HWY69, HY72, HN99, Isa82,
 IM95, KW02, KW03, Mor72a, SL70, Yaf00, Yeh70, ZG96]. **modèle** [Ech96].
Modelers [Lak96]. **Modeling** [ARK⁺99, KGNS10]. **Modeling/Origin**
 [ARK⁺99]. **Modelle** [BMG⁺50]. **Modellen** [BH23b]. **Models**
 [BHX96, Joh13, Lak96, Mac77, CL05, Car99b, KF02, KS92, MP92, NBH97,
 SF71, Wre75, SK73]. **Modern**
 [And89, BHN98, Bor58, BW04, Fli32, Han62, HSD34b, HBSA61, Hei89v,
 Hei96b, Hei04, Hei08d, Hol84, Kle17, Mac58, Rud58, SPS⁺64, vRFS⁺00,
 Ano66, Bra09, Hei31h, Hei31d, Hei32d, Hei36f, Hei37e, Hei41d, Hei43k,
 Hei48e, Hei48d, Hei52e, Hei52l, Hei52o, Hei53o, Hei58s, Hei59c, HSBA60,
 Hei60i, Hei61c, Hei61f, Hei62l, Hei63a, Hei65a, Hei70d, Hei72i, Hei74a, Hei74i,
 Hei74j, Hei84-54, Hei00b, Hei07b, Inf34, HSD34a]. **moderna**
 [Hei99, HSBA60, Pol00]. **moderne**
 [Ben34, HSD34a, Hei63a, MGG⁺95, RDP⁺95, Wil36b]. **modernen**
 [Hei31h, Hei31d, Hei32d, Hei36f, Hei37e, Hei41d, Hei43k, Hei48e, Hei48d,
 Hei53o, Hei60i, Hei61c, Hei84-54, Kle17]. **moderner** [Hei70d]. **modernes**
 [Hei65a]. **Modernizing** [Joh13]. **Modes** [HVTK⁺97]. **Modes/Gu**
 [HVTK⁺97]. **modification** [Hei24d]. **modified** [DC87]. **modules**
 [LJ08, LWZ10]. **Moelwyn-Hughes** [BSP⁺70]. **möglich** [Hei79b, Hei85d].
Möglichkeit [Hei39e, Hei40a, Hei41f, Hei69k, Hei69l, Hei89h, Hei89-36,
 Hei89m, Hei89x, vW40]. **Möglichkeiten** [Hei53g, Hei56j, Hei89w]. **Mohsen**
 [RS11b]. **Molecular** [Ano84b, Joh13]. **molecule** [Tel30]. **Molecules**
 [Hei84c, BH23b, BH24b, Hei24c, Hei32b, Hei33c, Hei84-41, NAZ02].
Molekeln [Hei24c, BH23b, BH24b]. **MolekUlen** [Hei33c, Hei84-41].
Moloney [HVTK⁺97]. **moment** [CG14]. **momenta** [KF07]. **Moments**
 [KBWJ96, Büh98b]. **Momentum** [Gre62]. **mondo** [Arg09].
mondo-della-vita [Arg09]. **monograph** [Lic16]. **Monotonicity** [Pea76].
Monte [HN99]. **Morgan** [KED⁺60]. **Morita** [Pac88]. **Morris**
 [Kra86a, Mat86a, Wei85]. **Moseley** [Hei72a]. **Moskauer** [DRF90a, DRF90b].
most [Haw11, Hei40b, Sch13, W⁺87, WdC02]. **motion**
 [Hei22a, Isa82, LL82, Lun84, SHI73]. **Motz** [Sei90a]. **Movability** [vBW88].
Movement [Sei90a]. **Moyer** [CS94]. **MR** [DPL96, Mil12, RS11a]. **Mr.**
 [Fri11, Hei31f, Kae47]. **Müller** [Cas05]. **Multidimensional** [EHR⁺96].
Multilagen/Neues [RDP⁺95]. **Multiparticle** [LBS⁺04, OS07].
multiphoton [IM95]. **Multiple**
 [Hei52h, KW76, Hei49k, Hei49d, Hei52b, Hei84p]. **multiplet** [Hei25d].
multiplets [LH24, SH22a]. **Multipletts** [LH24]. **Multiplettstruktur**
 [Hei25d]. **Multiplication**
 [DDH42b, DDH89b, DDH42a, DDH42c, DDH89a, DDH89c]. **München**
 [Bun71, Hei62j, Her76a, SM41, Hei58k]. **Münchener** [BDR86]. **mondo**
 [W⁺87, WdC02]. **Munich**

[BDR86, Cas05, Hei58k, Hei74g, Her76a, SM41, TEW02]. **Museum** [Ano84b, DRF90a, DRF90b, Hei64b, Hei86o, Fec90, Hei86o, Rec91a, Rec91b, Sim10]. **Museum/Heisenberg** [Ano84b]. **Museum/Heisenberg-Programm** [Ano84b]. **Museums** [Hei64b, Rec91a, Rec91b]. **Music** [Sim79]. **Musik** [Sim79]. **My** [Hei72a, HHHH11, HH17, Dür05, Hei53b]. **Mysterious** [KH19, Kar05a]. **Mystery** [Acz01, FR13b, Gla00, Ano20, Bes04, FR98]. **mystical** [W⁺87, WdC02]. **Myth** [Klo96, Wal95].

N [Cru23, Dje07, Hei31f, Wal08]. **nabrosku** [Hei62n]. **nach** [Ano84a, GHH02, HVTK⁺97, Hei25b, Hei53b, Hei56g, KH47, URWB95, vRFS⁺00, vW41a]. **Nachlass** [Ano76]. **Nachruf** [HKvL47, Hei47e, Hei51c, Hei60f, Hei71h]. **Nacht** [vS14]. **Nachtrag** [Fis02, Hei41e, Hei89-34, Hei89x]. **Nachweis** [DDH42a, DDH89a]. **Nagging** [Paw02a]. **nagljadnom** [Gei77b]. **naissance** [BD92]. **Name** [RMRP09, Hei67e, Hei67e]. **Named** [Ano33]. **namely** [D'A03]. **Namensverleihung** [Hei89b]. **naming** [Hei89b]. **Nano** [RDP⁺95]. **Nano-Kugellager** [RDP⁺95]. **Nano-Kugellager/Bislang** [RDP⁺95]. **Nanocrystals** [ARK⁺99]. **Nanocrystals/Gershenfeld** [ARK⁺99]. **Nanolithography** [JTD⁺98]. **nanoscale** [Cle09]. **narrative** [Com56]. **Nasledie** [Smo92c]. **Nation** [Ano33]. **National** [Hay90, Wal89a, Wal89b, Har37a, Har37b, Har81, Hen96, HH11, HW04, RW94, Wal89b, Wal92]. **Nationalsozialismus** [Mai07]. **Natur** [EHR⁺96, Hei69e, WMG⁺92, Hei79e]. **Natur/Cassidy** [WMG⁺92]. **Natural** [Hei66g, Sil13, Som36, Str62a, Hei35f, Hei36h, Hei43t, Hei44d, Hei45b, Hei47i, Hei49l, Hei52e, Hei55b, Hei56f, Hei57c, Hei58e, Hei59a, Hei59i, Hei60a, Hei62b, Hei63b, HG65, Hei66a, Hei67b, Hei68c, Hei70c, Hei71d, HnH72, Hei73j, Hei74d, Hei76e, Hei79d, Sta36, Hei72i, Ros79]. **Naturbeschreibung** [HVTK⁺97]. **Naturbeschreibung/Demtröder** [HVTK⁺97]. **Naturbild** [Hei53c, Hei55b, Hei56f, Hei57c, Hei58e, Hei59a, Hei60a, Hei62b, Hei63b, HG65, Hei66a, Hei67b, Hei68c, Hei70c, HnH72, Hei74d, Hei76e, Hei79d]. **Nature** [ARK⁺99, Cal14, Edd28, Edd78, Edd07, Edd12, Edd13, Gin75, Hei58v, Hei60g, Hei65l, Hei76a, Hei77a, Pag82, Plo10, RDP⁺95, Edd00, Gei77c, Hei33d, Hei37e, Hei52j, Hei53c, Hei58o, Hei58r, Hei63g, Hei69e, Hei70i, Hei74h, Hei76f, Hei79e, Hei84-58, Meh73, Han62, Joh59, Sch59]. **Naturerklärung** [Hei33d]. **Naturforscher** [Hei72a, Wit83, Sta36]. **Naturphilosophie** [Hei37e]. **Naturwissenschaft** [AH93, Ben35, Clu37, DS43, Hei34i, Hei34f, Hei34g, Hei34h, Hei82c, Hei84-63, KED⁺60, LSK⁺76, Mos42, Str62a, Str62c, AH93, Hei35f, Hei36h, Hei43t, Hei44d, Hei45b, Hei47i, Hei48e, Hei48d, Hei48f, Hei49h, Hei49l, Hei59i, Hei61c, Hei61e, Hei65p, Hei71c, Hei72j, Hei72i, Hei73j, Smo93, Tre01]. **Naturwissenschaft/Heisenberg** [KED⁺60]. **Naturwissenschaft/Lecture** [LSK⁺76]. **Naturwissenschaften** [Ano35a, Deh37, Som36, Wil36a, Hei71d]. **Naturwissenschaftler** [vRFS⁺00]. **Naturwissenschaftler/Weizsäcker** [vRFS⁺00]. **naturwissenschaftliche** [BDR85b, Hei67b, Hei73f]. **naturwissenschaftlichen** [Hei42d]. **nauki** [Inf33]. **Nazi**

[Car99a, Hen00, Lan02, Lib68, Log99, Neu99, Wal99, FR08, Bro93, Bro92, Cho02, DR92, FR08, Gla00, GP92b, Irv67b, Joh13, Mac85, Mac93, Mai07, MP01, O’F92, Ros98, Wal95, WHF⁺96, Zan02a, Klo96]. **Nazi-related** [Mai07]. **Nazis** [Bro09, Cha92, Hei48i, Kae48a]. **Nazism** [Ols63]. **názory** [Hei69i]. **NBC** [Hei89-31]. **Nearest** [Fal64]. **Nearest-Neighbor** [Fal64]. **nebula** [HvW48]. **need** [Hei48l, Hei68b]. **needs** [Pop16c]. **Negative** [Sch13]. **Neighbor** [Fal64, Dob77]. **nel** [Arg09]. **Nelinejnye** [Gei68]. **nelle** [Cas14b]. **nemeckogo** [DF96]. **Neon** [Hei27b]. **Neue** [DRF90a, DRF90b, URWB95, Wit83, Rec02b, Ben30, Ben34, Ben35, Clu37]. **Neuen** [Hei56e, Hei84e, Ano02a, BFH⁺42a, Hei61a, Hei72b, HBF⁺89b, Hei89-40, SPS⁺64]. **Neuer** [Ano84a, RDP⁺95, Wal93]. **Neuere** [Hou30]. **Neues** [RDP⁺95]. **Neufassung** [Dür80]. **Neujahrsansprache** [Hei89y]. **Neumann** [Wig96h, Bac22, GW96, Wig96c, WG96]. **Neuser** [EHR⁺96]. **Neutrinienne** [Hei84-61, Hei53p]. **Neutrino** [GLR14, Hei53p]. **Neutrinooszillationen** [URWB95]. **Neutrinoquelle** [URWB95]. **Neutrinoquelle/Atomare** [URWB95]. **Neutron** [Bro71, BM84, GR09, Rog13, DK78, DDH42a, DDH42c, Hei37c, DDH42b, DDH89a, DDH89c, DDH89b]. **Neutron-Induced** [GR09]. **Neutronen** [DDH40a, DDH40b, DDH89e, DDH89d, DDH89b, Hei52p, Rec85a, DDH42b, Fis41]. **Neutronenstrahlung** [Hei37c]. **Neutronenvermehrung** [DDH42a, DDH42c, DDH42b, DDH89a, DDH89c, DDH89b]. **Neutronics** [GORS09]. **Neutrons** [DDH42b, DDH89b, DDH40a, DDH40b, DDH89e, DDH89d, Fis41, Hei52p]. **Never** [Pei93b, Hei48g]. **Nevill** [Mac78b]. **Newcomb** [CS94]. **News** [Stu85, Yam02a, DRF90b, Hei89-31]. **Newton** [Bes04, Mil12, Büh98b, Fri11, Hei41d, Hei52o]. **Newtonian** [BKBS93]. **Newtons** [Büh98b]. **Newton’sche** [Hei41d]. **Nicholas** [Hei86n]. **Nichols** [Sei90a]. **nicht** [Hei67a, Hei67g, Pop16a]. **Nichtlaminare** [Hei22b, Hei84w]. **Nichtlineare** [MGG⁺95]. **nichtlinearen** [Hei61b, Hei63d, Hei84k, Hei84r]. **nichtlinearer** [AH57, Hei53y, HKM55]. **nichtrenormierbarer** [Hei54f]. **Nicolaus** [Gin75]. **Niels** [Adl03, Bor58, Hei86g, Hei10a, Kra07, Lan08, Lau07, Aas02b, Aas02e, BR64, Dör05, Fav05, FK85, Hei35d, Hei63h, Hei10a, Meh87, Pai91, PRW55, RRK⁺64, Roz67, Sch11c, Yam02a, vD15]. **niemals** [Hei48g]. **niemieckich** [Kar06]. **Nietzsche** [Sei90b]. **night** [vS14]. **Nikolaus** [Hei86n]. **NLB** [Jor78]. **NMR** [EHR⁺96]. **No** [Sch94, Yam02a, Zan02a, DPL96, Hei67g, Hol93b]. **Nobel** [HSD34a, Rec10, ABH⁺55, ABH⁺87, Ano33, Ano20, Gre05, Hei32c, HSD34b, Hei65f, LW34, Läs13]. **Nobelpreis** [Ano51, Hen11, Rec09, Rec10]. **Nobelpreises** [HSD34a, Wil36b]. **Nobelpreisträger** [ABH⁺55, ABH⁺87, Hei65f, Läs13]. **noble** [BDR84j, Hei23a]. **noble-gas-like** [Hei23a]. **noch** [Hei51e, NW95, URWB95]. **Non** [Boh62, Hei55f, Hei57f, Hei68g, Hei84q, Hei84r, Hei84-36, Hei84-34, MWL⁺11, Hei58w, Hei62g, Hei84-29, Hei84w]. **Non-Classical** [Boh62]. **Non-laminar** [Hei84w]. **Non-Linear**

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[LB72]. **Two-Time** [Mor71, Mor72b, Mor72c]. **type** [DDI03, HR02a, JZ11].

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Weltgeltung [Pfe69]. **Weltkrieg** [Sim07]. **Weltkrieges** [Hei89-40].
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 Cas14a, CDvW77, CD94, Clu37, Deh37, DS43, Dre92, DB71, Dür76, Dür05,
 Eck12a, Eck12b, EHR⁺96, Ess71, Ful15, Gar91, GZ92b, GRE⁺01, Hah10,
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 Rec01, Rec02b, Roh85, Rud58, Sch82, Sch05, Sch07, Sch91b, SCH⁺78,
 SPS⁺64, Swe93, Tre01, Tre78, WR92, WMG⁺92, Wei85, Wit83, vM02,
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Eck12a, Erm89, Fav05, Fis02, Fis10b, Fis12b, Fis15, Fue61, Ful15, Gar91, Gem87, GA02, GZ92b, GZ92a, Gou76, Hah06, Hah10, Hei35g, Hei36e, Hei48m, HBD71, Hei74e, Hei80, Hei83a, Hei84a, Hei86k, Hei89b, Hei91a, Hei01b, Hei02, HR02b, Hei04, Hei05b, Hei08a, Hen98, Her76a, Her76b, Her76c, Her84, Her01, Hof11, Hol00b, Hor66, Jac01, Jam76, Jor71, Kan02, Kan03, KW93]. **Werner** [KRW05, Kra95, KF01, Lac02a, Lac02b, Loc07, Lus10, Mac58, Mas14, Meh87, Mey76, Mil85, MB11b, MP77, O'F92, Otr79, PLS02, Paw08, Pfe77, Pol00, Pop18, Rec81a, Rec81b, Rec84, Rec91a, Rec91b, Rec91c, Rec92, Rec93, Rec96, Rec01, RW02, Rec02b, RKW05, Rec09, Rec10, RH02, Sch82, Sch05, Sch07, Sch59, Sil13, Smo92a, Smo92b, Smo92c, Smo92d, Spi98, Tel76, Wal92, Wal20b, Wal22, Wig67, Wig76, Yam02a, Yam02b, Yam02c, Yan13b, vM02, vWvdW77, vW02, vWR04, Ano08, Cas03, Jac11a, Mac78b, Mat86b, Rec85b, Rec03]. **Werner-Heisenberg-Gymnasium** [Hei89b, Hei89b]. **Werte** [Hei61a]. **wes** [Haa34]. **Wesen** [BMG+50]. **West** [Rec85a, Car99b]. **West-Berlin** [Rec85a]. **Western** [AFG90]. **Westphal** [SPS+64]. **Weyl** [Hei28b, Hei31b, BK88, CM02, CP84, GBLW86, Gel84, JD06, KF07, Mie81, RS94, Tor91, Tru75, VZ09, WB03, Zak96]. **wheel** [HvL47]. **Wheeler** [GZ95]. **where** [Ols63]. **which** [Gre62]. **White** [Sta37]. **Whitehead** [Adl03]. **Whittaker** [LWZ10]. **Who** [Ano84b, GLSC01, Hei08a, Lau58a, Ano20, Dem15, Gre05, VB15, Dem15, Hei48l]. **Whole** [Ess71, BDR85b, Gei90, Hei69d, Hei72e, Hei73c, Hei81b, Hei81c, Hei83e, Hei84-50, Hei85c, Hei86e, Hei87b, Hei88, Hei96c, Hei96a, Hei01a, Hei06, Sim07]. **wichtig** [Hei48l]. **Wider** [KP07]. **Wie** [RDP+95, NW95]. **Wiederbegründung** [Hei56g]. **Wiemers** [Ano08, EHR+96]. **Wien** [Hei41b]. **Wieviele** [RFS+91]. **Wigner** [Bri65b, Eck33, Wig96m, Wig96j]. **Wild** [LMOS15]. **wilde** [LMOS15]. **Wilfried** [Tre01]. **Wilhelm** [Hah40, Hei25a, Hei31g, Hei41a, Hei50b, Hei71b, Hei89i, Läs13, Mai07, MGG+95, Rec81b, Rec96, SW05, Sim07, Wal05, Wal07, vBL96a, vBL96b, Hei25a, Hei50b]. **Wilhelm-Gesellschaft** [Hei31g]. **Wilhelm-Instituts** [Hah40]. **Wilhelm/Max** [vBL96b]. **Will** [Com31, Mar31, Büh98a]. **Willem** [Bor58]. **Willers** [BMG+50]. **William** [Dje07, Sei90a]. **Williams** [Sei90a]. **Windows** [GRE+01]. **winner** [Läs13]. **Wins** [Ano29]. **Winter** [Hei47f, Hei52p]. **Wir** [RDP+95, Hei67g]. **Wirbel** [Rec02a]. **Wirbelbewegung** [Hei22a]. **wird** [Ano84b, Büh98a, DRF90a, DRF90b, Hei48l, RDP+95, URWB95]. **Wirken** [Eck12a, Eck12b, Hen11, Rec09, Rec10]. **Wirklichkeit** [Hei60i, Hei84-52, URWB95, BDR84c, Hei89z]. **Wirklichkeitsbegriffs** [Hei82c]. **Wirkung** [Pfe77]. **Wirkungsgrades** [HJ43]. **Wirkungsquantum** [Hei45a]. **wishes** [Rec02a]. **Wiśniewski** [Hei24a]. **Wissenschaft** [BDR89b, Cas93c, Hei36e, HA+48, Hei51d, Hei53h, Hei53q, Hei75m, HGW+89a, Hen11, HMSH78, MGG+95, Rec09, Bor58, FS06, GHW36, Hei34j, Hei46e, Hei50d, Hei70b, Hei70d, Hei77i, Rür79, Sta37]. **Wissenschaft/Cassidy** [MGG+95]. **Wissenschaft/Päsler** [HMSH78]. **Wissenschaften** [Hei31g, Hei86c, Rec85a]. **Wissenschaft** [Rec10]. **Wissenschaftler** [Hei68a, HW11, Bey82]. **Wissenschaftlers**

[GRE⁺01, Tel71, KF01]. **Wissenschaftlers/Dürr** [GRE⁺01].
Wissenschaftliche [BDR84a, BDR84b, BDR89a, BDR93, Bro86, EHR⁺96, Mat87, Eck12a, Eck12b, Hei43f, Hen11, Rec09, Rec10, BDR84e].
wissenschaftlichen [Hei53d, HR53, Hei64e, Hei71n]. **Wissenschaftlicher** [ARK⁺99, Car97, Eis00, GRE⁺01, HEB⁺80, Hen86, HvMW79, MGG⁺95, OSWR86, Pye81, vMHW85, vM93, vM96, vM99, vM01, vM05b, Hei48l, Hei69k, Hei69l, PHvMW01, PvM93, Kra96]. **wissenschaftliches** [Hei55a].
Wissenschafts [PFH20]. **Wissenschafts-** [PFH20].
Wissenschaftsakademie [LMOS15]. **Wissenschaftsgeschichte** [Pop16b].
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witnesses [Sch01]. **Wizard** [Jon78]. **WKB** [Kle78]. **Woher** [Got02b].
Wohnhäusern [Rec85a]. **Wolf** [KED⁺60]. **Wolfgang** [ARK⁺99, Car97, Eis00, HEB⁺80, Kra96, MGG⁺95, Pye81, Rec86, Bro95, Eis00, Hei59j, Hei59k, Hei61g, Hen86, HvMW79, vMHW85, vM93, vM96, vM99, vM01, vM05b, Car97, Pye81]. **won** [Ano20]. **words** [Dje07, Hei53q, Hei63e, Hei75q, Hei69f, Hei86l, Hei86m]. **Work** [Cas95, Cas02c, Cas02d, Eic50, GW96, Rec10, WG96, Eck12a, Hah40, Hei31f, Hei34b, Hei36e, Hei41g, Hei43f, Hei46d, Hei49b, Hei55a, Hei69j, Hei74o, Hou30, Pfe77, Roz67, Sch05, vL47, Hei64a, Pfe69]. **Worked** [Wal22].
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wreath-laying [Hei86m]. **Write** [Ano33]. **writer** [Gou47a]. **Writing** [Cas22]. **Writings** [Kra86a, BDR85a, BDR85b, BDR86, CB84, Cas01, W⁺87, WdC02, Rec85b, Mat86b]. **Wrong** [Mil12, RS11a, Fri11]. **Wunner** [EHR⁺96]. **Wünschen** [Rec02a]. **wußte** [Brü64].

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Schumacher: Collective Ion Acceleration/Brosche u Sündermann: Tidal Friction and the Earth's Rotation/Haas u. Koch: Physik-Lehrbuch für Pharmazeuten und Mediziner/Hermann, Meyenn u. Weisskopf: Wolfgang Pauli: Wissenschaftlicher Briefwechsel mit Bohr, Einstein, Heisenberg u. a., Bd. I: 1919–1929. *Physikalische Blätter*, 36(10):318–320, October 1980. CODEN PHBLAG. ISSN 0031-9279 (print), 1521-3722 (electronic). URL <http://onlinelibrary.wiley.com/doi/10.1002/phbl.19800361013/abstract>.

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Heisenberg:1939:EJZ

- [Hei39d] Werner Heisenberg. Die Entwicklung der jüngsten Zweige der Atomphysik in Deutschland. (German) [The development of the youngest branches of atomic physics in Germany]. *Forschungen und Fortschritte*, 15(??):241–244, ??? 1939. English translation in [Hei40b].

Heisenberg:1939:MTE

- [Hei39e] Werner Heisenberg. Die Möglichkeit der technischen Energiegewinnung aus der Uranspaltung. (German) [The possibility

of technical acquisition of energy from uranium fission]. Kernphysikalische Forschungsberichte G-39, Uranverein, Kaiser Wilhelm Institut für Physik in Berlin-Dahlem, Berlin, Germany, December 6, 1939. 19 pp.

Heisenberg:1939:EKS

- [Hei39f] Werner Heisenberg. Elementarteilchen und kosmische Strahlung (Abstrakt). (German) [Elementary particles and cosmic radiation (abstract)]. *Verhandlungen der Deutschen Physikalischen Gesellschaft. 3. Reihe*, 20(??):9, ??? 1939. CODEN VDPEAZ. ISSN 0372-5448.

Heisenberg:1939:TESb

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Heisenberg:1939:VKS

- [Hei39h] Werner Heisenberg. Verwandlung der kosmischen Strahlung in der Atmosphäre (Abstrakt). (German) [Transformation of cosmic radiation in the atmosphere (abstract)]. *Verhandlungen der Deutschen Physikalischen Gesellschaft. 3. Reihe*, 20(??):21–22, ??? 1939. CODEN VDPEAZ. ISSN 0372-5448.

Heisenberg:1939:VGF

- [Hei39i] Werner Heisenberg. Vorwort. (German) [Foreword]. In Louis de Broglie, editor, *Licht und Materie*, pages 7–8. H. Groverts-Verlag, Hamburg, Germany, 1939. LCCN ????

Heisenberg:1939:TESa

- [Hei39j] Werner Heisenberg. Zur Theorie der explosionsartigen Schauer in der kosmischen Strahlung. II. (German) [On the theory of explosion showers in cosmic rays. II]. *Zeitschrift für Physik*, 113(1–2):61–86, January 1939. CODEN ZEPYAA. ISSN 0939-7922 (print), 1431-5831 (electronic). URL <http://link.springer.com/article/10.1007/BF01371656>; <http://www.springerlink.com/content/14811k547275n054/>.

Heisenberg:1940:BMT

- [Hei40a] Werner Heisenberg. Bericht über die Möglichkeit technischer Energiegewinnung aus der Uranspaltung (II). (German) [Report on

the technical possibility of energy from fission of uranium (II)]. Kernphysikalische Forschungsberichte G-40, Uranverein, Kaiser Wilhelm Institut für Physik in Berlin-Dahlem, Berlin, Germany, February 29, 1940. 22 pp.

Heisenberg:1940:DMR

[Hei40b] Werner Heisenberg. The development of the most recent branches of atomic physics in Germany. *Research and Progress*, 6(??):33–42, ??? 1940. English translation of [Hei39d].

Heisenberg:1941:BVS

[Hei41a] Werner Heisenberg. Bericht über die Versuche mit Schichtenanordnungen von Präparat 38 und Paraffin am Kaiser Wilhelm Institut für Physik in Berlin-Dahlem. (German) [Report on experiments with a layer arrangement of preparation 38 and paraffin at the Kaiser Wilhelm Institute for Physics in Berlin-Dahlem]. Kernphysikalische Forschungsberichte G-93, Uranverein, Kaiser Wilhelm Institut für Physik in Berlin-Dahlem, Berlin, Germany, May 1941.

Heisenberg:1941:CPG

[Hei41b] Werner Heisenberg. Chemisch-Physikalische Gesellschaft in Wien (gemeinsam mit dem Gauverein Ostmark der Deutschen physikalischen Gesellschaft) Sitzung am 30. April 1941. (German) [Chemical-Physical Society in Vienna (together with the German Ostmark Gauverein physical Society) meeting on 30 April 1941]. *Angewandte Chemie*, 54(29–30):348, 1941. CODEN ANCEAD. ISSN 0044-8249 (print), 1521-3757 (electronic).

Heisenberg:1941:DKH

[Hei41c] Werner Heisenberg. Die durchdringende Komponente der Höhenstrahlung. (German) [The penetrating component of cosmic rays]. *Angewandte Chemie*, 54(??):348, ??? 1941. CODEN ANCEAD. ISSN 0044-8249 (print), 1521-3757 (electronic).

Heisenberg:1941:GNF

[Hei41d] Werner Heisenberg. Die Goethe'sche und die Newton'sche Farbenlehre im Lichte der modernen Physik. (German) [Goethe's and Newton's theory of color in the light of modern physics]. *Geist der Zeit (N.F.)*, 19(??):261–275, ??? 1941. English translation in [Hei52o].

Heisenberg:1941:TNB

- [Hei41e] Werner Heisenberg. Theoretischer Nachtrag (zum Bericht von E. Fischer). (German) [Theoretical appendix to E. Fischer's report]. Kernphysikalische forschungsberichte, Uranverein, Kaiser Wilhelm Institut für Physik in Berlin-Dahlem, Berlin, Germany, June 26, 1941. 4 pp. See [Fis41].

Heisenberg:1941:MEH

- [Hei41f] Werner Heisenberg. Über die Möglichkeit der Energieerzeugung mit Hilfe des Isotops 238. (German) [On the possibility of energy production with the help of isotope 238]. Kernphysikalische Forschungsberichte G-92, Uranverein, Kaiser Wilhelm Institut für Physik in Berlin-Dahlem, Berlin, Germany, November 19, 1941. 15 pp.

Heisenberg:1941:DAU

- [Hei41g] Werner Heisenberg. Zur Durchführung der Arbeiten an der Uranmaschine. (German) [On carrying out work on the uranium machine]. Report 34, Archives of the Max Planck Society, Berlin, Germany (AMPG). I. Abteilung, Berlin, Germany, November 27, 1941.

Heisenberg:1942:JEG

- [Hei42a] Werner Heisenberg. 100 Jahre Energiegesetz. (German) [100 years of the energy law]. *Deutsche Allgemeine Zeitung*, 536(??):1–2, November 9, 1942.

Heisenberg:1942:BGH

- [Hei42b] Werner Heisenberg. Bemerkungen zu dem geplanten halbtechnischen Versuch mit 1,5 to D₂O und 3 to 38-Metall. (German) [Comments on the proposed pilot plant test with 1.5 tonnes D₂O and 3 tonnes 38-metal]. Kernphysikalische Forschungsberichte G-161, Uranverein, Kaiser Wilhelm Institut für Physik in Berlin-Dahlem, Berlin, Germany, July 31, 1942. 8 pp.

Heisenberg:1942:AUG

- [Hei42c] Werner Heisenberg. Die Arbeiten am Uranproblem. (German) [Working on the uranium problem]. Report 34, Archives of the Max Planck Society, Berlin, Germany (AMPG). I. Abteilung, Berlin, Germany, June 4, 1942. ??? pp.

Heisenberg:1942:ENW

- [Hei42d] Werner Heisenberg. *Die Einheit des naturwissenschaftlichen Weltbildes. (German) [The unity of the scientific world view]*. Barth, Leipzig, Germany, 1942. 31 pp. LCCN ????. English translation in [Hei52j].

Heisenberg:1942:TGE

- [Hei42e] Werner Heisenberg. Die theoretischen Grundlagen [für?] der Energiegewinnung aus der Uranspaltung. (German) [The theoretical basis of the energy from the fission of uranium]. Report G-323, Uranverein, Kaiser Wilhelm Institut für Physik in Berlin-Dahlem, Berlin, Germany, February 26, 1942. 5 pp. Reprinted in [BDR89a, page 517]. Also preserved as Deutsches Museum Archiv, report FA-002-761.

Heisenberg:1943:TES

- [Hei43a] Werner Heisenberg. 12. Theorie der explosionsartigen Schauer. (German) [12. Theory of explosion-like showers]. In *Kosmische Strahlung: Vorträge gehalten im Max Planck-Institut, Berlin-Dahlem. (German) [Cosmic radiation: Lectures held in the Max Planck Institute, Berlin-Dahlem]* [Hei43p], pages 115–118. LCCN ????. Lectures in honor of Arnold Sommerfeld. With contributions by Erich Bagge, Fritz Bopp, Siegfried Flügge, Werner Heisenberg, A. Klemm, J. Meixner, G. Molière, H. Volz, Carl Friedrich von Weizsäcker, and Karl Wirtz. English translation in [Hei46a].

Heisenberg:1943:KGC

- [Hei43b] Werner Heisenberg. 2. Die Kaskadentheorie. (German) [2. Cascade theory]. In *Kosmische Strahlung: Vorträge gehalten im Max Planck-Institut, Berlin-Dahlem. (German) [Cosmic radiation: Lectures held in the Max Planck Institute, Berlin-Dahlem]* [Hei43p], pages 10–24. LCCN ????. Lectures in honor of Arnold Sommerfeld. With contributions by Erich Bagge, Fritz Bopp, Siegfried Flügge, Werner Heisenberg, A. Klemm, J. Meixner, G. Molière, H. Volz, Carl Friedrich von Weizsäcker, and Karl Wirtz. English translation in [Hei46a].

Heisenberg:1943:SDT

- [Hei43c] Werner Heisenberg. 5. Schauer mit durchdringenden Teilchen. (German) [5. Showers with penetrating particles]. In *Kosmische Strahlung: Vorträge gehalten im Max Planck-Institut, Berlin-Dahlem. (German) [Cosmic radiation: Lectures held in the Max*

Planck Institute, Berlin-Dahlem] [Hei43p], pages 54–60. LCCN ????. Lectures in honor of Arnold Sommerfeld. With contributions by Erich Bagge, Fritz Bopp, Siegfried Flügge, Werner Heisenberg, A. Klemm, J. Meixner, G. Molière, H. Volz, Carl Friedrich von Weizsäcker, and Karl Wirtz. English translation in [Hei46a].

Heisenberg:1943:RZM

- [Hei43d] Werner Heisenberg. 8. Der radioaktive Zerfall der Mesonen. (German) [8. The radioactive decay of mesons]. In *Kosmische Strahlung: Vorträge gehalten im Max Planck-Institut, Berlin-Dahlem. (German) [Cosmic radiation: Lectures held in the Max Planck Institute, Berlin-Dahlem]* [Hei43p], pages 78–84. LCCN ????. Lectures in honor of Arnold Sommerfeld. With contributions by Erich Bagge, Fritz Bopp, Siegfried Flügge, Werner Heisenberg, A. Klemm, J. Meixner, G. Molière, H. Volz, Carl Friedrich von Weizsäcker, and Karl Wirtz. English translation in [Hei46a].

Heisenberg:1943:AGV

- [Hei43e] Werner Heisenberg. Auswertung des Gottower Versuches. (German) [Evaluation of the Gottow experiment]. Report G-219, Uranverein, Kaiser Wilhelm Institut für Physik in Berlin-Dahlem, Berlin, Germany, 1943. 12 pp.

Heisenberg:1943:BGWa

- [Hei43f] Werner Heisenberg. B. O. Grönbloms wissenschaftliche Arbeiten. (German) [B. O. Grönblom's scientific work]. *Acta Academiae Aboensis. Math. et Phys.*, 14(4):1–18, ????. 1943.

Heisenberg:1943:BAS

- [Hei43g] Werner Heisenberg. Besprechung: Arnold Sommerfeld, *Vorlesungen über theoretische Physik. Bd. I. Mechanik.* (German) [Book review: Arnold Sommerfeld, *Lectures on Theoretical Physics. Volume 1. Mechanics*]. *Naturwissenschaften*, 31(?):350–351, ????. 1943. CODEN NATWAY. ISSN 0028-1042 (print), 1432-1904 (electronic).

Heisenberg:1943:BGWb

- [Hei43h] Werner Heisenberg. Besprechung: Gregor Wentzel, *Einführung in die Quantentheorie der Wellenfelder.* (German) [Book review: Gregor Wentzel, *Introduction to the quantum theory of wave fields*]. *Naturwissenschaften*, 31(?):251–252, ????. 1943. CODEN NATWAY. ISSN 0028-1042 (print), 1432-1904 (electronic).

Heisenberg:1943:BMP

- [Hei43i] Werner Heisenberg. Besprechung: Max Planck: *Wege zur physikalischen Erkenntnis*. Bd. II. (German) [Book review: Max Planck, *Paths to physical knowledge*]. *Leipziger Neueste Nachrichten, Ausg. A*, ??(??):??, June 25, 1943.

Heisenberg:1943:BG Tb

- [Hei43j] Werner Heisenberg. Die “beobachtbaren Größen” in der Theorie der Elementarteilchen. II. (German) [“Observable variables” in the theory of elementary particles. II]. *Zeitschrift für Physik*, 120(11–12):673–702, November 1943. CODEN ZEPYAA. ISSN 0939-7922 (print), 1431-5831 (electronic). URL <http://link.springer.com/article/10.1007/BF01336936>; <http://www.springerlink.com/content/r744562625813k35/>.

Heisenberg:1943:BMT

- [Hei43k] Werner Heisenberg. Die Bewertung der „modernen theoretischen Physik“. (German) [The evaluation of “modern theoretical physics”]. *Zeitschrift für die gesamte Naturwissenschaft*, 9(??): 201–212, October 1943. According to [Ros98, pages 269–270] and [Wal89b, page 74], this article was written three years earlier, in 1940, but was delayed until Heisenberg had received Heinrich Himmler’s letter of protection. It is Heisenberg’s response to the “deutsche Physik” campaign to suppress Jews in science, and Jewish contributions to physics. See also [Cas09, page 338] for more about this article.

Heisenberg:1943:EAG

- [Hei43l] Werner Heisenberg. Die Energiegewinnung aus der Atomkernspaltung. (German) [The energy production from nuclear fission]. Kernphysikalische Forschungsberichte G-217, Uranverein, Kaiser Wilhelm Institut für Physik in Berlin-Dahlem, Berlin, Germany, May 6, 1943. 6 pp.

Heisenberg:1943:BG Ta

- [Hei43m] Werner Heisenberg. Die „beobachtbaren Größen“ in der Theorie der Elementarteilchen. (German) [‘Observable quantities’ in the theory of elementary particles]. *Zeitschrift für Physik*, 120(7–10):513–538, July 1943. CODEN ZEPYAA. ISSN 0939-7922 (print), 1431-5831 (electronic). URL <http://link.springer.com/article/10.1007/BF01329800>; <http://www.springerlink.com/content/jm3516j05614784j/>. English translation in [Hei62k]. Reprinted in [BDR84a, pages 611–636].

Heisenberg:1943:PAG

- [Hei43n] Werner Heisenberg. *Die Physik der Atomkerne. (German) [Physics of the atomic nucleus]*. Friedrich Vieweg und Sohn, Braunschweig, Germany, 1943. 180 pp. LCCN ????

Heisenberg:1943:EJ

- [Hei43o] Werner Heisenberg. Einleitung. 1. Übersicht über den jetzigen Stand unserer Kenntnisse von der kosmischen Strahlung. (German) [Introduction. 1. Present state of our knowledge of cosmic radiation]. In *Kosmische Strahlung: Vorträge gehalten im Max Planck-Institut, Berlin-Dahlem. (German) [Cosmic radiation: Lectures held in the Max Planck Institute, Berlin-Dahlem]* [Hei43p], pages 1–10. LCCN ????. Lectures in honor of Arnold Sommerfeld. With contributions by Erich Bagge, Fritz Bopp, Siegfried Flügge, Werner Heisenberg, A. Klemm, J. Meixner, G. Molière, H. Volz, Carl Friedrich von Weizsäcker, and Karl Wirtz. English translation in [Hei46a].

Heisenberg:1943:KSV

- [Hei43p] Werner Heisenberg, editor. *Kosmische Strahlung: Vorträge gehalten im Max Planck-Institut, Berlin-Dahlem. (German) [Cosmic radiation: Lectures held in the Max Planck Institute, Berlin-Dahlem]*. Springer-Verlag, Berlin, Germany / Heidelberg, Germany / London, UK / etc., 1943. vi + 173 pp. LCCN ????. Lectures in honor of Arnold Sommerfeld. With contributions by Erich Bagge, Fritz Bopp, Siegfried Flügge, Werner Heisenberg, A. Klemm, J. Meixner, G. Molière, H. Volz, Carl Friedrich von Weizsäcker, and Karl Wirtz. English translation in [Hei46a].

Heisenberg:1943:MP

- [Hei43q] Werner Heisenberg. [Max Planck]. *Völkischer Beobachter, ??(??)*: ??, March 1943. Incompletely cited in [Cas09, page 339, 450].

Heisenberg:1943:VKS

- [Hei43r] Werner Heisenberg. *Vorträge über kosmische Strahlung: Arnold Sommerfeld zu seinem 75. Geburtstag am 5. Dezember 1943 gewidmet. (German) [Lectures on cosmic rays: dedicated to Arnold Sommerfeld on his 75th birthday on 5 December 1943]*. Springer-Verlag, Berlin, Germany / Heidelberg, Germany / London, UK / etc., 1943. vi + 173 pp.

Heisenberg:1943:VGF

- [Hei43s] Werner Heisenberg. Vorwort. (German) [Foreword]. In *Kosmische Strahlung: Vorträge gehalten im Max Planck-Institut, Berlin-Dahlem. (German) [Cosmic radiation: Lectures held in the Max Planck Institute, Berlin-Dahlem]* [Hei43p], pages v–vi. LCCN ????. Lectures in honor of Arnold Sommerfeld. With contributions by Erich Bagge, Fritz Bopp, Siegfried Flügge, Werner Heisenberg, A. Klemm, J. Meixner, G. Molière, H. Volz, Carl Friedrich von Weizsäcker, and Karl Wirtz. English translation in [Hei46a].

Heisenberg:1943:WGN

- [Hei43t] Werner Heisenberg. *Wandlungen in den Grundlagen der Naturwissenschaft. (German) [Changes in the fundamentals of natural science]*. Hirzel, Leipzig, Germany, 1943. 93 pp. LCCN ????

Heisenberg:1943:ADH

- [Hei43u] Werner Heisenberg. Zum Andenken an David Hilbert. (German) [In memory of David Hilbert]. *Physikalische Zeitschrift*, 44(?):277–278, ????. 1943. CODEN PHZTAO. ISSN 0369-982X.

Heisenberg:1944:BGT

- [Hei44a] Werner Heisenberg. Die „beobachtbaren Größen“ in der Theorie der Elementarteilchen. III. (German) [The “observable variables” in the theory of elementary particles. III]. *Zeitschrift für Physik*, 123(1–2):93–112, March 1944. CODEN ZEPYAA. ISSN 0939-7922 (print), 1431-5831 (electronic). URL <http://link.springer.com/article/10.1007/BF01375146>; <http://www.springerlink.com/content/t33g3p1272652730/>. Part IV was not published in a journal, but was finally printed in [BDR89a, pages 687–698].

Heisenberg:1944:MLS

- [Hei44b] Werner Heisenberg. Max von Laue. Zu seinem 65. Geburtstag. (German) [Max von Laue. On his 65th birthday]. *Deutsche Allgemeine Zeitung (Reichsausgabe)*, 273(?):2, October 6, 1944.

Heisenberg:1944:TAD

- [Hei44c] Werner Heisenberg. Theoretische Auswertung der Dahlemer Großversuche. (German) [Theoretical evaluation of the Dahlem large scale experiments]. Report G-220, Uranverein, Kaiser Wilhelm Institut für Physik in Berlin-Dahlem, Berlin, Germany, September 1944. 7 pp.

Heisenberg:1944:WGN

- [Hei44d] Werner Heisenberg. *Wandlungen in den Grundlagen der Naturwissenschaft. (German) [Changes in the fundamentals of natural science]*. Hirzel, Leipzig, Germany, 1944. 95 pp. LCCN ????

Heisenberg:1945:PWG

- [Hei45a] Werner Heisenberg. *Das Plancksche Wirkungsquantum. (German) [Planck's constant]*. Walter de Gruyter, New York, NY, USA and Berlin, Germany, 1945. 19 pp. LCCN ????

Heisenberg:1945:WGN

- [Hei45b] Werner Heisenberg. *Wandlungen in den Grundlagen der Naturwissenschaft. (German) [Changes in the fundamentals of natural science]*. Hirzel, Leipzig, Germany, 1945. 95 pp. LCCN ????

Heisenberg:1946:CRL

- [Hei46a] Werner Heisenberg, editor. *Cosmic Radiation. 15 Lectures*. Dover, New York, NY, USA, 1946. 192 pp. LCCN ????. English translation by T. H. Johnson of [Hei43p], in commemoration of the 75th birthday of Arnold Sommerfeld.

Heisenberg:1946:MRQ

- [Hei46b] Werner Heisenberg. Der mathematische Rahmen der Quantentheorie der Wellenfelder. (German) [The mathematical framework of the quantum theory of wave fields]. *Zeitschrift für Naturforschung*, 1:608–622, 1946. CODEN ZNTFA2. ISSN 0372-9516.

Heisenberg:1946:UQG

- [Hei46c] Werner Heisenberg. Der unanschauliche Quantensprung. (German) [The nonintuitive quantum leap]. *Neue Physikalische Blätter*, 2(??):4–6, ????. 1946.

Heisenberg:1946:ATA

- [Hei46d] Werner Heisenberg. Über die Arbeiten zur Technischen Ausnutzung der Atomkernenergie in Deutschland. (German) [On the work toward the technical use of atomic energy in Germany]. *Naturwissenschaften*, 33(11):325–329, ????. 1946. CODEN NATWAY. ISSN 0028-1042 (print), 1432-1904 (electronic). URL <http://www.springerlink.com/content/j0m0u5j553402765>. English translation in [Hei47g].

Heisenberg:1946:WMV

- [Hei46e] Werner Heisenberg. Wissenschaft als Mittel zur Verständigung unter den Völkern. (German) [Science as a way of understanding among peoples]. *Deutsche Beiträge*, 1(?):164–174, ??? 1946. English translation in [Hei52m].

Heisenberg:1946:ESG

- [Hei46f] Werner Heisenberg. Zur Elektronentheorie der Supraleitung. (German) [On the electron theory of superconductivity]. *Neue Physikalische Blätter*, 2(?):220, ??? 1946.

Heisenberg:1947:APO

- [Hei47a] Werner Heisenberg. Die aktive und die passive Opposition im Dritten Reich. (German) [Active and passive opposition in the Third Reich]. Unpublished paper in Heisenberg Archives in Munich, cited in [Cas09, page 220, 437]., November 12, 1947.

Heisenberg:1947:PAG

- [Hei47b] Werner Heisenberg. *Die Physik der Atomkerne. (German) [Physics of the atomic nucleus]*. Friedrich Vieweg und Sohn, Braunschweig, Germany, 1947. vi + 180 pp. LCCN ??? Elaborated by W. Westphal and Dr. Jorges. The third edition is reproduced in the Collected Works.

Heisenberg:1947:UEK

- [Hei47c] Werner Heisenberg. Die Übertragung elektromagnetischer Kräfte im Supraleiter. (German) [The transfer of electromagnetic forces in the superconductor]. *Nachrichten der Akademie der Wissenschaften in Göttingen, Math.-Phys. Klasse*, ??(?):23–26, ??? 1947.

Heisenberg:1947:MP

- [Hei47d] Werner Heisenberg. Max Planck. *Göttinger Universitäts-Zeitung*, 2(10):6, ??? 1947.

Heisenberg:1947:MPN

- [Hei47e] Werner Heisenberg. Max Planck [Nachruf]. (German) [Max Planck [obituary]]. *Göttinger Universitäts-Zeitung*, 2(21):1–2, ??? 1947.

Heisenberg:1947:QWV

- [Hei47f] Werner Heisenberg. *Quantentheorie der Wellenfelder: Vorlesung von Prof. Heisenberg, Winter 1946/47. (German) [Quantum the-*

ory of wave fields: lecture of Prof. Heisenberg, Winter 1946/47]. Max-Planck-Institut für Physik, Göttingen, West Germany, 1947. ??? pp. LCCN ??? Elaborated by K. Wildermuth.

Heisenberg:1947:RGTa

- [Hei47g] Werner Heisenberg. Research in Germany on the technical application of atomic energy. *Nature*, 160(4059):211–215, August 16, 1947. CODEN NATUAS. ISSN 0028-0836 (print), 1476-4687 (electronic). URL <http://www.nature.com/nature/journal/v160/n4059/pdf/160211a0.pdf>. Abridged translation of German original [Hei46d]. See also [Hei53m, Hei53n], and response [Gou47c].

Heisenberg:1947:RG Tb

- [Hei47h] Werner Heisenberg. Research in Germany on the technical application of atomic energy. *Chemical and Engineering News*, 1947 (25):2620–2621, September 15, 1947. CODEN CENEAR. ISSN 0009-2347 (print), 1520-605X (electronic). URL <http://pubs.acs.org/doi/pdf/10.1021/cen-v025n037.p2620>.

Heisenberg:1947:WGN

- [Hei47i] Werner Heisenberg. *Wandlungen in den Grundlagen der Naturwissenschaft. (German) [Changes in the fundamentals of natural science]*. Hirzel, Leipzig, Germany, 1947. 98 pp. LCCN ???

Heisenberg:1947:TSGa

- [Hei47j] Werner Heisenberg. Zur Theorie der Supraleitung. (German) [On the theory of superconductivity]. *Zeitschrift für Naturforschung*, 2a(4):185–201, ??? 1947. CODEN ZNTFA2. ISSN 0372-9516.

Heisenberg:1947:TSGb

- [Hei47k] Werner Heisenberg. Zur Theorie der Supraleitung. (German) [On the theory of superconductivity]. *Forsch. Fortschr.*, 21–23(??): 243–244, ??? 1947.

Heisenberg:1947:TSGc

- [Hei47l] Werner Heisenberg. Zur Theorie der Supraleitung. (German) [On the theory of superconductivity]. *Angewandte Chemie*, 59(2):59, February 1947. CODEN ANCEAD. ISSN 0044-8249 (print), 1521-3757 (electronic).

Heisenberg:1948:ASD

- [Hei48a] Werner Heisenberg. Arnold Sommerfeld zum 5. Dezember 1948. (German) [Arnold Sommerfeld to 5th December 1948]. *Zeitschrift*

für Naturforschung, 3a(??):429, ??? 1948. CODEN ZNTFA2. ISSN 0372-9516.

Heisenberg:1948:BTG

- [Hei48b] Werner Heisenberg. Bemerkungen zum Turbulenzproblem. (German) [Remarks on the turbulence problem]. *Zeitschrift für Naturforschung*, 3a(??):434–437, ??? 1948. CODEN ZNTFA2. ISSN 0372-9516.

Heisenberg:1948:EVS

- [Hei48c] Werner Heisenberg. Das elektrodynamische Verhalten der Supraleiter. (German) [The electrodynamic behavior of superconductors]. *Zeitschrift für Naturforschung*, 3a(??):65–75, ??? 1948. CODEN ZNTFA2. ISSN 0372-9516.

Heisenberg:1948:BGA

- [Hei48d] Werner Heisenberg. Der Begriff „Abgeschlossene Theorie“ in der modernen Naturwissenschaft. (German) [The notion of a “closed theory” in modern science]. *Dialectica: International Review of Philosophy of Knowledge*, 2(3–4):331–336, November 1948. CODEN ??? ISSN 0012-2017 (print), 1746-8361 (electronic). English translation in [Hei74i].

Heisenberg:1948:BAT

- [Hei48e] Werner Heisenberg. Der Begriff „Abgeschlossene Theorie“ in der modernen Naturwissenschaft. (German) [The notion of a “closed theory” in modern science]. *Dialectica: International Review of Philosophy of Knowledge*, 2(3–4):331–336, November 1948. CODEN ??? ISSN 0012-2017 (print), 1746-8361 (electronic). English translation in [Hei74i].

Heisenberg:1948:SN

- [Hei48f] Werner Heisenberg. Die Sorge um die Naturwissenschaft. *Göttinger Universitäts-Zeitung*, 3(??):7, January 16, 1948.

Heisenberg:1948:GND

- [Hei48g] Werner Heisenberg. Es gab niemals eine deutsche Atombombe. (German) [There never was a German atomic bomb]. *Schwäbische Donauzeitung*, ??(??):3, August 2, 1948.

Heisenberg:1948:LBV

- [Hei48h] Werner Heisenberg. [Letter to B. L. van der Waerden]. Cassidy [Cas09, page 314] writes of this letter “Heisenberg himself seems to

suggest another purpose for his visit [to Niels Bohr in Copenhagen] ... Heisenberg implied that he was attempting to stave off an Allied crash program on nuclear fission research.”, April 28, 1948.

Heisenberg:1948:NSI

- [Hei48i] Werner Heisenberg. Nazis spumed idea of an atomic bomb (interview). *New York Times*, ??(??):10, December 28, 1948. CODEN NYTIAO. ISSN 0362-4331 (print), 1542-667X, 1553-8095.

Heisenberg:1948:TSI

- [Hei48j] Werner Heisenberg. On the theory of statistical and isotropic turbulence. *Proceedings of the Royal Society of London. Series A, Mathematical and physical sciences*, 195:402–406, 1948. CODEN PRLAAZ. ISSN 0080-4630.

Heisenberg:1948:TBP

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