A Bibliography of Publications of
Per-Olov Löwdin

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Abstract
This bibliography records publications of the late Per-Olov Löwdin.

Dedication
This bibliography is dedicated in fond memory of, and to, Per-Olov Löwdin (28
October 1916 – 6 October 2000): advisor, alpinist, friend, host, leader, linear
algebraist, mentor, musician, role model, scientist, and teacher of a great many
of us in his extended scientific family.

Title word cross-reference

$14.50$ [Kut67b]. $17.00$ [Kön68]. 1s [HL59, HL65]. 2 [RG76, SW92, TL81].
$22$ [Kle66b]. $225.00$ [Boy05]. $27$ [Löw69c]. $450.00$ [Boy04]. $67.50$
[Ahl83]. $\mathrm{\Sigma}_{\alpha}^1$ [HL76]. 3 [MY04, VB75]. α
$b_{kk}(LM|l)$ [Suz85], $c_{12}$ [Löw48d], $c_{44}$ [Löw48d], $d$ [LAS99], $E$ [JBW87], $h_{n,2n-i}(LM|l)$ [Suz85], $h_{n,2n-i}(LM|l)/(2n - i)!$ [Suz90], $J = (1/2)(E_{\text{singlet}} - E_{\text{triplet}})$ [Har76], $n$ [Suz85], $n + \ell, n$ [AK02], $\Omega$ [WS82], $r_{12}$ [CL62], $s$ [LAS99], $SU_{pq}(2)$ [WS92], $SU_{pq}(2)$ [SB02], $T$ [WS82], $U$ [Lar04], $v$ [Lev76].

- $\text{Aminopurine}$ [RG76]. - $\text{function}$ [Jon84, Jon92]. - $\text{Hydrogen}$ [HL65, HL59]. - $\text{Orbital}$ [LAS99]. - $\text{Parameter}$ [SW92]. - $\text{radial}$ [MK08, MK09, MČ10a, MČ10b]. - $\text{representability}$ [Lev76].


2000 [Lin03]. 25 [Suz84a]. 26 [Suz87].

3rd [Löw80a, Löw80f].

500th [GCG78b].

60th [BDL+94]. 6th [Löw89a, Löw89d].

86j [Suz87].

90-years [LGJLCB89]. 90th [LGBC89].

A. [ES87, Löw87f]. äldrande [Löw77d]. Abb [Kle66b, Kut67b]. Academic [Boy04, Boy05, Kle66b, Kön68, Kut67b]. accurate [MC11a]. acid [BS71a]. Acoustics [Löw91i]. Acta [FG76]. actinide [CSHM04]. Activities [Löw76c, Jan77]. actual [Car88]. Adapted [Kat04, Pan82a, Pan82b, Pan83, Pan84]. Addendum [Löw81b]. Addition [Bou05, Pan82a]. Address [Löw80f]. Adjoint [FL83, Löw83c, Löw96h, Löwxxd, Sco73]. Advances [Bos83, Gor84, Löw64c, Löw65b, Löw67a, Löw68c, Löw72a, Löw73a, Löw74a, Löw75c, Löw77a, Löw80a, Löw81f, Löw82a, Löw82b, Löw83a, Löw85b, Löw86a, LSZ88, LSZ89, LSZT90, LSZ91, LSZ92a, LSZ92b, LSZ94, LSZ95, LSZ96, LSZ+97b, LSZ+97a, LSZ+98a, LSZ+98c, LSZ+98d, LSZ+98b, LSZB99, LSZ+99a, LSZ+99b, LSZ+99c, LSZ+00, LSZB00, SB02, Kö68, Kut67b, Kut67a, Par66]. Advancing [LOS02]. Affinities [Lin04]. agenda [SG14]. Aging [Löw64e, Löw65h, Löw77d, Löw07b]. aktiviteter [Löw76c]. Akustiken [Löw91i]. Alberte [ES87]. Alberte [LÖ79, LS79]. Algebra [BC04, Löw64f, Löw66e, Löw67d, Löw77a, Löw77b, Löw78e,
Löw82d, Löw92k, Löwxxb, Löwxxa, SW92, Jon92, Löw98a, Löw81b. 
algebras [WS92]. algorithm [Sch77]. Alkali [Löw51e, LCH72, Löw48e].
Alkenes [TTK04]. Alkyl [CPR04]. Allen [Sce06]. Alpha
[Jon88, JW89, Ant85, De 76, Duf71, JW78, Jon91, MC09, MC11a, MC11b, 
ST05, Suz84a, Suz94b, Suz85, Suz87, Suz90, Suz92]. Alpha-Function
[JW89, Jon91, ST05, Suz84a, Suz84b]. Alpha-Functions [Jon88].
alpha-radial [MC09]. Alternant [LCLL73, Löw54b, PdHL62a, PdHL62b].
alternatives [SM13]. American [Löw76b]. American-Swedish [Löw76b].
Aminopurine [RG76]. Analysis [BJ76, GÖL70, Löw921, BDMC06, CSHM04, Per12, dA12].
Analytic [Jon91, LA56, JBW87, MRH10]. Analytical [Jon88, Tul04].
Analytic [Jon88].
alpha-radial [MC09]. Alternant [LCLL73, Löw54b, PdHL62a, PdHL62b].
alternatives [SM13]. American [Löw76b]. American-Swedish [Löw76b].
Aminopurine [RG76]. Analysis [BJ76, GÖL70, Löw921, BDMC06, CSHM04, Per12, dA12].
Analytic [Jon91, LA56, JBW87, MRH10]. Analytical [Jon88, Tul04].
Analytical [Jon88].
alpha-radial [MC09]. Alternant [LCLL73, Löw54b, PdHL62a, PdHL62b].
alternatives [SM13]. American [Löw76b]. American-Swedish [Löw76b].
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Analytic [Jon91, LA56, JBW87, MRH10]. Analytical [Jon88, Tul04].
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Analytical [Jon88].
alpha-radial [MC09]. Alternant [LCLL73, Löw54b, PdHL62a, PdHL62b].
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Analytic [Jon91, LA56, JBW87, MRH10]. Analytical [Jon88, Tul04].
Analytical [Jon88].
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alternatives [SM13]. American [Löw76b]. American-Swedish [Löw76b].
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Analytic [Jon91, LA56, JBW87, MRH10]. Analytical [Jon88, Tul04].
Analytical [Jon88].
Aziridines [JSBL04].

B [Ahl83, Kle66b, Kle66a, MY04]. Back [Ano76a]. Background [Löw78c, Löw83d]. Band [Kön68, Löw62b, MV81, WW76, Löw62a]. Band-Structure [MV81, WW76]. Bände [Rei04a]. Barnett [Bou05, BS06, SPH14]. Base [Abd76, KJL87, Kry02]. Based [LFM89a, MRH10]. Bases [Lat76, KKS67]. Basic [Löw77f, Car88]. Basis [ACL73, KS88, Löw67b, Löw67c, Mak81, MV81, FWMZ11, HL83, JH15, LC76, Pan83, YE81]. Basis-Sets [Mak81]. Be [Löw94g, Löwxxb, Löwxxa, Löw77b]. Beach [LS78, Lö78, Lö79, LS79, Lö80, Lö81a, Lö81b, Lö82c, Lö82a, Lö83, LSZ84a, LZS84, Löw94e, Löw94f, ML83b, Öö83]. Begreppet [Löw91i]. Behaviour [LCH72]. Belgium [Boy04, Boy05]. Belysning [Löw58c]. Benzene [Löw53b]. Bernard [Buc65, Gra65, Lö79, LS79, Sel65]. Bessel [BS06]. Between [BKN91, Lin04, Löw65j, Löw84, Löw85e, Löw95g, Löw99a, AM12, Löw86l]. Betydelse [Löw91i]. Bi [LFM89a]. Bi-Variational [LFM89a]. bias [FWMZ11]. Bibliographies [SYLxx]. Binary [Löwxxa]. Binding [Lin04, Löw62a, Löw81a, Löw62b]. Bindningen [Löw58c]. binomial [MC11a]. Binuclear [VBHG95]. Biochemistry [Löw66, Löw67k, PP76]. Biographical [Lin03]. Biological [Lad76, Löw63e, Löw65h, LSZ87b, Löw07b]. Biology [Kle66b, Kle66a, Löw64i, Löw68d, Löw68g, Löw69e, Löw69f, Löw71f, Löw71g, Löw72d, Löw73e, Löw74f, Löw75f, LS76, LS77, LS78, LS79, LS80, LS81a, LS81b, LS82b, LS82a, LZ83c, LZ83a, Löw83e, Löw83d, LSZ84b, LSZ84c, LÖS5, LÖS85d, LÖS86, LÖS86d, LÖS87d, LÖS87b, Löw88g, LÖS88c, Löw89f, Löw90e, Löw90f, Löw90g, Löw91d, Löw91p, Löw92e, Löw92c, Löw92q, Löw93g, Löw94a, Löw94f, Löw95a, Löw95e, Löw95f, Löw95g, Löw95h, Löw95i, Löw95k, Löw95l, Löw95m, Löw95n, Löw96, Löw96f, Löw97c, Löw98b, Löw99b, LP64, Löw91e, Löw91f, Löw91g, Löw92h, Löw92f, Löw94c, Löw95e, Löw95f, Löw95g, Löw96c, Löw99d, Buc65, Gra65, Sel65]. Biomagnetic [Ba75]. Biorthonormal [Lat76]. Birthday [BDL*94, LGBC89]. Bivariational [LFM89b]. Bloch [Löw98c]. Blumenfeld [Ba75]. Blumenfeld-Kalmanson-Löwdin [Ba75]. Body [Har04, Lin04, Löw80c, LÖS85e, LÖS85e, LÖS86c, Mic76, AM12]. Bogoliubov [Boy04, Boy05]. Bond [CPR04, Dau76, HNLD63, KSM87, KSS88, Löw58c, Löw61b, Löw62a, Löw66j, Löw69f, Löw91k, Löw62b]. Bonded [KSM87]. Bonding [CC04, Cos76]. Bonds [Löw67k, RS76a]. Book [Ahl83, Boy04, Boy05, Buc65, Gra65, Hof67, Kle66b, Kle66a, Kön68, Kor79, Kut67b, Kut67a, Löw69c, McLS1, Par66, Rei04a, Rei04b, Sel65]. Boolean [Löw92k]. Borelius [LCH72]. Boston [Ahl83]. both [Löw69c]. Bounds [Ahl76, LL68, Löw65a, Löw65j, Löw65k, Löw65m, Löw66b, LL70, Rei76,

Löw95d, Löw96c, LSZ + 98a, PL83, Sce08, Sel65, SG14, Löw90e, Löw91d, Löw91e, Löw91f, Löw91g, Löw91r, Löw92h, Löw92f, Löw94c, Löw95e, Löw95f, Löw95d, Löw96c, SG14, Ahl83, Kön68, Kut67b, Kut67a, Par66].

Citation [Löw87a, Löw87b, Löw87c].

Clarke [Löw67g].

Classic [Löw87a, Löw87b, Löw87c].

Clebsch [SW92, WS92].

Clementi [Löw92d].

Closed [CPR04, PdHL62a, GLA + 08].

Closed-Shell [CPR04, PdHL62a, GLA + 08].

Closers [BKNS91].

Cluster [Mal04, Uzi04].

Clusters [KJL87, Löw81a, LSZ + 97a].

CNF [Dog77].

CNH [Dog77].

Coast [LS80, LS81a, LS81b, LS82b, LS82a, LO82a, LZ83c, LZ83a, LSZ84b, LSZ84c].

Code [Löw66], Löw67k, FMPM + 14].

Coefficient [JW78].

Coefﬁcients [Löw83b, SW92, MC11a, Suz92, WS92].

Cohesion [Löw66d].

Cohesive [FL62, Löw47a, Löw51d, Löw48c, Löw48d, Löw48e, Löw56b, LCS + 70, Löw01].

Coleman [ES87, Löw87f].

Collected [Sce08].

Collection [Löw76a].

Collision [Kor79, LÖ78, LÖ79, Lö80, Lö81a, Lö81b, LÖM83, ML83b, Öö83].

Collisions [KD04b, Mic76].

Colloquium [Löw81a, LGC78a].

Combined [LR59].

Comment [Suz87].

Commentary [Sce06].

Comments [ACL73, Cal76, GÖL70, LÖ77, LÖ78, LÖ80, LÖ81a, LÖ81b, LÖM83, ML83b, Öö83].

Committee [Löw47b, Löw48f, Löw49].

Common [FWMZ11].

Compact [Ant85, Suz87].

Company [Ahl83].

Comparison [KSM87, Lin04, Löw98c].

Completeness [LCK76].

Complex [Löw85d, Löw86k, Löw86e, LFM89a, LFM89b, LAS99].

Complexes [KSM87, TTK04, CSHM04].

Compounds [Löw53b, VBHG95, LAS99].

Compressed [Frö76].

Compression [Löw48e].

Computation [CVV87].

Computational [Kor79, LÖ77, LÖ78, LÖ79, Lö80, LÖ81a, LÖ81b, LÖM83, LSZ84a, LÖS84, LÖSZ85c, LÖSZ86c, LÖSZ86c, LÖSZ87c, Löw7e, Löw88h, LÖSZ88d, Löw90k, Löw91q, Löw92p, LÖSZ93, Löw94e, Löw95i, Löw96c, Löw97b, ML83b, Öö83, ÖSZL87, Duf71, LÖSZ + 97b, HDK72].

Computations [Löw90e, Löw91d, Löw92e, Löw92c, Löw93c, Löw93d, Löw94a, Löw95a, Löw95c, Löw96b, Löw91f, Löw91g, Löw92g, Löw92h, Löw92f, Löw94c, Löw95e, Löw95f, Löw95d, Löw96c].

Computer [Löw92k, Jon84, Jon92].

Computers [Löw87e].

Concept [Ber04, Löw91i].

Concepts [Löw88i, Löw90b].

Concluding [Löw90i, Löw91c].

Condensed [LÖ82c, Löw90e, Löw91d, Löw92e, Löw92c, Löw92p, Löw93c, Löw93d, LÖSZ93, Löw94a, Löw94e, Löw95a, Löw95c, Löw95i, Löw96b, Löw96e, Löw97b, LÖSZ98, LÖSZ99, Löw90j, Löw91a, Löw91f, Löw91g, Löw92g, Löw92h, Löw92f, Löw94c, Löw95e, Löw95f, Löw95d, Löw96c].

Conditions [LCC81, Löw66d].

Conference [Löw47b, Löw48b, Löw49, Löw63g, Löw80f, Löw90l, Löw90k, Löw90j, Löw91q, Löw91p, Löw92p, Löw92q].

Conferences [Meh75].

Configuration [JH15].

Configuration-Interaction [JH15].

Configurational [Löw87a, Löw87b, Löw87c, Löw55b].

Configurations [SL55, SL59, AK02, LR59].

Conformation [Lad76].

Congress [Ahl83, Löw80a, LP83, Löw89a, Löw89d, Löw91c, PL83].

Conjugated
Connected [Löw50b, Löw59a]. Connection [Löw63g, Löw85e, Löw95g, Löw96g, Löw99a, Löw65j]. Conqueror [Ohn76]. Consciousness [Löw86i]. Consistency [Löw80i]. Consistent [Löw51a, LA56, Löw60c, Löw62k, Löw53c, Löw54d]. Constant [JP76].

Constants [LL72, Löw47a, Löw62f, Löw68k, LG71, Löw48c, Löw48d, Löw48e]. Constructed [Löw64d]. Construction [ACL73, Mak81, VB75, Pan82a, Pan82b, Pan83, Pan84]. Contact [Löw64b]. Containing [BCA04, CL62]. Continuum [Löw85c, SL55]. Contraction [Löw64m]. Contributed [Löw80a]. Contributions [Löw47b, Löw48b, Löw49, Löw50a, Löw88a, LZ91]. Convergence [Löw87a, Löw87b, Löw87c, Löw90b, Löw55b]. Convolution [Löw66e, Löw67d]. Coordinate [Las76, MK08, MK09, MC09, MC10a, MC10b]. correlated [Mei03].

Correlated [Har04]. Correlation [GÖL70, Hal76, LB76, Löw55a, Löw56a, Löw59b, Löw68a, Löw68b, Löw71d, Löw72f, Löw72g, Löw75b, Löw95b, Löw07a, Löw07c, Löw07d, SL56, GLA+08, Löw55d, LR59, Löw62d]. Correlations [Lun76]. Cosmic [Löw78c]. Coulombic [Löw89c, Löw90i]. Coulson [SPH14, Bon05, BS06]. Coulson/Löwdin [Bon05, BS06]. Coupled [Mal04, Uzi04]. Coupled-Cluster [Mal04]. Coupling [Ber04, JP76, Kil69, Löw64b]. Covalent [Löw58c, Kry02]. creation [Pan82b]. Crick [Baj75]. criterion [LCK76]. Crystalline [VB75]. Crystals [ACL73, Ber76, Cal76, FL62, Löw47a, Löw48a, Löw50b, Löw51d, Löw51e, Löw62a, Löw71d, Löw72f, Löw72g, Löw48c, Löw48d, Löw48e, Löw53a].

Cubic [MV81]. Cure [Kry02]. Current [CL78, Löw59b, Löw77g, Löw91r, Löw94g, Löw07a, Per12, dA12]. curriculum [Ano02]. Cycle [TTK04]. Cyclic [LPdH60, PdHL62b].

D [Ahl83, VB75]. dans [LS54]. Dedicated [Löw65f, Löw65g, LGBC89, OS02]. Deduced [JP76]. Defects [Cal76].


Easier [Suz85]. Edited [Boy04, Boy05, Kle66a, Kut67a, Löw69c, Rei04b, Buc65, Gra65, McL81, Sel65]. Editor [Löw51b, Löw53a, LS55, LCÖ84, Löw89a, SL55, SL58, WW76]. Editorial [LSZ83a, LSZ83b, LSZ83c, LSZ83d, Löw90c, Löw90a, Löw90d, Löw90e, Löw91a, Löw91d, Löw91e, Löw91f, Löw91g, Löw92a, Löw92b, Löw92e, Löw92g, Löw92h, Löw93a, Löw93b, Löw93c, Löw93d, Löw94c, Löw95e, Löw95f, Löw96c, LBG+97]. Editorial-Program [Löw90c]. Educational [Ohn76, Kar02]. Effect [Baj75, KS88, Löw64e, Löw65d]. Effects [ABD04, Ber76, Ber04, CPR04, GL04, JSBL04, Löw55a, Löw71d, Löw72f, Löw72g, Löw75b, Löw55d, Löw62d]. efficient [W12].

Löw96e, Löw96f, Löw97b, Löw97c, LÖSZ98, Löw98b, LÖSZ99, Löw99b, LÖS00, ML83b, Öö83, ÖSZL87, Ano59, Löw72e, Löw76b. **Fock** [LPLH63, FL83, HL76, Len76, Löw55a, Löw55c, Löw55d, Löw58d, Löw60a, Löw63a, Löw66f, Löw66a, Löw66g, Löw69b, Löw75b, LCC81, LFM89a, LFM89b, LM92, ML93, May02a, Uzi04]. **folding** [WW76]. **Following** [BS07]. **Fonctions** [Löw58b, Löw58a]. **Füränderingar** [Löw65c]. **Forces** [Mez97]. **Format** [Löw88b]. **Formed** [Tul04]. **Formula** [Löw51d, JW78, YE81]. **Formulae** [MC11b, MC09, MC10a, MC10b]. **Formulas** [Jon84, Löw53a, MC12]. **Formulated** [Löw82d]. **Formulation** [Hal76]. **Forskargruppen** [Löw76c]. **Foundation** [LZ94, ZL94]. **Foundations** [Löw91s, Löw98d]. **Four** [Har04, LL51]. **Four-Body** [Har04]. **four-centre** [LL51]. **Fourth** [Ahl83, LP83, PL83]. **från** [LC78]. **Free** [Löw66j, Löw88i, Löw89g, LN89]. **French** [Löw55a]. **Front** [Ano76b]. **Fukui** [Löw83a]. **Fulfilling** [May02a]. **Full** [DDH75]. **Fully** [Mal04]. **Function** [Ahl76, Brä76, JP76, JW89, Lin04, MC11b, McI76, Ant85, CSHM04, De 76, Du71, Jon84, JBW87, Jon91, Jon92, Löw60a, Löw86i, MC09, MC10a, MC10b, MC12, NA12, ST05, Suz84a, Suz84b, Suz85, Suz87, Suz90, Suz92, ST14]. **Functional** [LCG82b, LSZT90, LSZ+98b]. **Functionals** [ES87, Löw96h, Löwxxd, Lev76]. **Functions** [ACL73, CL62, Jon88, Löw50b, LA56, Löw85a, Löw86d, Pan76, SPH14, Bou05, BS06, JW78, Löw53c, MK08, MK09, MC11a, Pan82a, Pan82b, Pan83, Pan84, Tch99]. **Fundamental** [BK04, Löw92q, Löw93g, Löw94f, Löw95j, Löw96f, Löw97c, Löw98b, Löw99b, Rei04a, Boy04, Boy05, Rei04a, Rei04b]. **Fundamentals** [Löw95g]. **Fundaments** [Löw64f]. **Future** [And04, Löw68l, Löw76a, Löw88i, Löw89g, Löw90h, Löw91l, Löw88l]. **fuzzy** [CSHM04]. **Gamma** [Löw88k]. **Gas** [LCLL73]. **Gauss** [BS06]. **geb** [Kle66b, Kut67b]. **General** [Har04, Löw51d, Löw83e, Löw86d, Löw88c, LM92, Löw93f, ML93, Löw85d, Löw88e, PdHL62a]. **Generalization** [KS73, Löw86d, Ste77, Löw64k]. **Generalizations** [Löw58d]. **Generated** [FL57, AM12]. **Generator** [Las76]. **Genetic** [Löw64e, Löw65c, Löw66], Löw67k]. **Genetics** [Löw62g, Löw63f, Löw65h]. **geometry** [GLA+08]. **Germany** [HKD72]. **Gets** [Ano59]. **Getting** [NS04]. **Giöran** [Car88, Löw68i, Löw88]. **Giuseppe** [LSZ+99a]. **Global** [Löw97d]. **Gordan** [SW92, WS92]. **Goscinski** [McL81]. **gradients** [MRH10]. **Gram** [NSS12]. **Graphs** [Löw85c]. **Green** [McI76]. **Green’s** [Lin04]. **Green’s-Function** [Lin04]. **Ground** [HL76, Löw51d, LR59, Löw65l, Löw65k]. **Group** [Löw66e, Löw67d, LG68, LG69, Löw76c, PP76, Tch99, LCS°70, LGC78b]. **Grunder** [Löw91s]. **Guseinov** [MC10b, MK08, MK09, MC09, MC10a, MC11b, MC12].
Halides [LCH72, Löw48e]. Hamiltonian
[CD04, Löw85d, Löw85g, Löw88e, LFM89a, Löw98c, Löw90i, May02a, Uzi04].
Hamiltonians [Löw82c]. Harald [Löw69c]. Harmoni
[HL76, Leu76, LPLH63, FL83, Löw55a, Löw55c, Löw55d, Löw58d, Löw60a,
Löw63a, Löw66f, Löw66a, Löw66g, Löw69b, Löw75b, LCC81, LFM89a,
LFM89b, LM92, ML93]. Having [Löw96g]. HCN [DDH75, Dog77].

Harmonilärans [Löw91s]. Harmony [Löw91m, Löw91s, Hartree
[HL76, Leu76, LPLH63, FL83, Löw55a, Löw55c, Löw55d, Löw58d, Löw88e, LFM89a,
LFM89b, LM92, ML93]. Having [Löw96g]. HCN [DDH75, Dog77].

Heavy [GL04, Mal04, Uzi04]. Hebrew [Löw89a]. Held
[HDK72, Löw71f, Löw72d, Löw73e, LGC78b, Löw80a, Löw81a, LS81b,
LÖ81b, LS82a, Lö82a, LCG82a, LZ83a, LSZ84c, LÖSZ85c, LÖSZ86c,
LÖSZ86d, LÖSZ87c, LÖSZ87b, LÖSZ88d, LÖSZ88c, ML83b, Öös83, Löw67g,
Löw68g, Löw69e, Löw71g, Löw74e, Löw74f, Löw75f, Löw75e, Lö76, LS76,
LÖ77, LGC78a, LS78, Lö78, Lö79, LS79, LS80, Lö80, Lö81a, LS81a,
LÖ82c, LS82b, LP83, LÖM83, LZ83c, LSZ84a, LSZ84b, LÖSZ85e, LÖ85,
LÖSZ86e, LÖ86, LÖSZ87d, Lö88h, Lö88g, LSZÖ89, Löw89f, Löw90k,
Löw90j, Löw91q, Löw91p, Löw92p, Löw92q, LÖSZ93, Löw93g, Löw94e,
Löw94f, Löw95i, Löw95j, Löw96e, Löw96f, Löw97b, Löw97c, LÖSZ98,
Löw98b, LÖSZ99, Löw99b, LÖS00, ÖSZL87, PL83]. Helical [Baj75]. Helium
Hennes [Löw74c]. Henry [Löw69c]. Herausgeg
[Rei04a]. Heredity [Löw65h, Löw97b]. Hermitian
[May02a]. Heterocyclics [Löw51b]. High [LCH72, SPH14, Löw48e].
Hilbert [Lat76]. Historic [Löw85a, Löw85l]. Historical [Löw91k, Löw95b].
History [Löw87e]. Homolytic [CC04]. Honor [Löw63c, Löw63d, Löw76a,
Löw91b, Löw92d, Löw96g, Löw96h, Löw71g, LÖ79, LS79, LSZÖ99a].
Honorary [Lin93]. Honoring [CG77]. Honour [Löw63g]. Horizons
[Ahl83, LP83, PL83]. Hubbard [Lar04]. Hultén [LS51]. Human
[Löw77f, Löw80j, Löw84]. hybrid [Tch99]. Hydridro [TTK04].
Hydridro-Bridged [TTK04]. Hydrogen [BK76, CC04, HL65, HL76, KSM87,
Lsch6, Löw66, Löw67k, Löw69f, RS76a, HL59]. Hydrogen-Bonded
[KSM87]. Hydrosilylation [TTK04]. Hylleraas
[Löw63c, Löw63d, Löw63g, MTW68, Löw69c].

ICQC [Löw89d]. Ideas [Löw59b, Löw07a]. II [Rei04b, Roo00, HM01b,
Löw48d, Löw51e, Löw54d, Löw55c, Löw63a, Löw64k, LFM89a, LSZ+98d,
Löwxxa, ÖL83, ÖÖ83, OS02, Pan82b, PdHL62b, Su85, WS82]. III
[Boy05, BK04, Löw55d, LA56, Löw63a, Löw64l, Pan83, Su90]. Illustrated
[Las76]. implementation [Jon84]. Implications [Löw63c]. Importance
[BJ76, Löw62b, Löw68b, Löw72a, Löw77f, Löw88c, Löw90b, Löw91f, Löw92k,
Löw97d, Löwxxc]. impulse [WJ12]. Include [Löw55a, Löw75b, Löw55d].
Incorporation [Löw64j]. Indefinite [Löw96g]. independence [NS04].
Independent [Löw66g, Löw69b, Löw68a, Löw68b, Löw07c].
Independent-Particle [Löw07c]. Independent-Particles [Löw66g].
Individual [RS76a]. Induced [RG76]. Inelastic [Ber76]. Inequalities
LOCK88d, LOCK88c, OSZL87. Mark [LGC78b]. Marriott [LÖw94e].
Materials [LÖw86f, LSZ+00]. Math [Suz84a, Suz87]. Mathematical
[LÖw77b, Löw90b, Löw90g, Löwxxb, Löwxxa, Löw86c]. Mathematician
[LÖw87f]. Mathematics [CLS63, ES87, KSM87, LL70, Löw87a, Löw87b, Löw87c, Löw87d, Mez97, CD04, Lev76, Löw55b, Löw86f]. Matrix
[Cha90, LBH04, LPdH60, Löw63a, Pat62, CRE79, JW78, JBW87, May02a, Sco73, Pan84].
Matter [Ano76a, Ano76b, COM89, Lö82c, Löw86l, Löw90e, Löw91d, Löw92e, Löw92c, Löw92p, Löw93c, Löw93d, LSZ93, Löw94a, Löw94e, Löw95a, Löw95c, Löw95i, Löw96b, Löw96e, Löw97b, LSZ98, LSZ99, LöS00, Löw91e, Löw91f, Löw91g, Löw92g, Löw92h, Löw92i, Löw94c, Löw95e, Löw95f, Löw95d, Löw96c]. Maximum [LO776]. May [Löw81a]. Mayer [NSS12]. MCSCF [RS76b].
Meaning [LÖw91i]. Means [LÖw65a, Löw65m, Löw66b, LG71, Löw87a, Löw87b, Löw87c, Löw55b, Löw66c].
Measures [Mez97]. Mechanical [BCA04, Cal76, FL58, Löw47a, Löw51d, Löw51e, Löw55c, Löw86d, Löw48c, Löw48d, Löw51c]. Mechanics
[KD04a, Löw59b, Löw62f, Löw63c, Löw63d, Löw63g, Löw66e, Löw67d, Löw72a, Löw07a]. Mechanism
[BS71b, Löw68h, RG76, BS71a, KKS67, Kry02]. mekhanizm [KKS67]. melting [LGC78b, McL81]. membranes [LGC78a]. Memoir [Lin03].
Memoriam [LÖw74b]. Memory [Boy04, Boy05, BK04, Löw96a, Rei04a, Rei04b]. Mesomeric [LÖw58a].
Mésonerie [LÖw58a]. Metals [LA56, Löw66d, Löw51e]. Method
[C62, LCLL73, Las76, Len76, Löw54b, Löw55a, Löw59c, Löw66f, Löw66a, Löw66g, Löw68k, Löw75b, Löw85d, Löw86k, Löw87a, Löw87b, Löw87c, Löw88a, Löw88e, LFM89a, Löw91k, Löw92l, LM92, MY04, ML93, Pan82a, Pan82b, Pan83, Pan84, PdHL62a, PdHL62b, CRE79, JH15, Jon84, Jon91, Löw50a, Löw55b, Löw69b, May02b, MRH10]. Methods
[BK76, Luq04, BJ76, Dog77, LBH04, LB76, Löw51a, Lö77, LÖ78, LÖ79, LÖ80, Lö82c, Löw85e, Löw85g, LSZ87c, Löw88h, LSZ88, Löw90k, Löw91q, LZ92, Löw92p, LöS93, Löw94e, Löw95i, Löw96e, Löw97b, Löw99a, OSZL87, Sla76, TTK04, Uzi04, CGLÖ76b, LR59, LZ91, ST05, Tch99, Kor79]. Metric
[LBH04, Löw96g]. Michael [LÖw91b]. Microelectronics [Löw89g].
Microwave [Löw78c]. Midtdal [Löw69c]. Mind
[LÖw80j, Löw84, Löw86j, Löw86l]. Minimum [AJA75]. mixing [LAS99].
Mobilities [RS76a]. Mobility [Löw73b]. Model
[Frö76, Tull04, FWMZ11, Löw69b, Löw68a, Löw68b, Löw07c]. Modeling
[VBHG95]. Models [Löw77g, Löw86c]. Modern [Löw61b, Löw74c, Löw75a, Löw75g, Löw90j, Löw92e, Löw97d, LSZ+98a, Löwxxc]. moderna [Löw74c]. modified [JW78]. Moléculaire [Löw58b]. Molecular
[DDH75, Dog77, Har76, Jon88, JW89, Kor79, LCLL73, Löw53b, Löw54a, Löw54b, Löw54c, Löw56a, Löw62e, Löw63c, Löw63d, Löw63g, LP64, Löw64g, Löw65f, Löw65g, Löw67g, Löw68d, Löw68g, Löw69e, Löw69f, Löw71f, Löw71g, Löw71a, Löw72d, Löw73e, Löw74e, Löw75e, Löw76, LÖ77, LÖ78,
LÖ79, Löw80d, Löw80e, Lö80, Löw81a, Lö81a, Lö81b, Löw83a, LöM83, Löw83e, Löw83d, LSZ84a, LZS84, LÖSZ85e, LÖSZ85c, LÖSZ86e, LÖSZ86c, LSÖ89, Löw91a, Löw91j, Löw92p, LÖSZ93, Löw94e, Löw95i, Löw95k, Löw96e, Löw97b, LÖSZ98, Löw99a, LÖSZ99, LöS00, Mic76, ML83b, Öö83, PdHL62a, PdHL62b, FMPM +14, FWMZ11, JBW87, Löw62d, Löw86e, MK08, MK09, MC09, MÇ10a, MÇ10b, Tch99, Buc65, Graf65, Kle66b, Kle66a, Sel65.

Molecular-Orbital [DDH75, Dog77, Löw53b].

Molecule [HL76, JP76, Las76, Laz04, Löw65h, Löw07b, Löw86e, Sut02].

Molecules [BCA04, Gos76, Hof67, KS88, KD04b, Löw50b, Löw51d, Löw51e, LFH55, Löw60b, Löw62h, Löw80i, Löw89c, Mak81, Mal04, Sla76, CSHM04, GLA +08, Löw53a, Löw66h, LL51].

Moments [Löw51b].

Momentum [KS76, Löw64d, Löw73b, Cro77].

Monovalent [Löw66d].

Moral [Löw85h].

Motion [LL72, Löw62f, Löw68k, LG71, Löw85g, Löw91j].

Mott [Lar04].

Mountains [Ohn76].

MR [Suz87].

Mulliken [Löw65f, Löw65g, BKN91, CSHM04, KSM87, KS88, LP64, Kle66b, Kle66a].

Multi [JW89].

Multi-Center [JW89].

Multicenter [Jon88].


Mutations [Löw64e, Löw65h, Löw07b, RG76, Kry02].

N [MY04, MY04].

Nágot [Löw91s].

National [Löw47b, Löw48b, Löw49].

Natural [HNL63, HL65, LS55, LS56, Löw70d, Löw84, Löw86, Löw87a, Löw87b, Löw87c, Löw95g, Löw97d, Löwxw, RS76b, SL59, AM12, CSHM04, HL59, Lev76, Löw55b, NA12].

Nature [Löw58a, Löw67e, Löw81a, Löw85a].

near [JWB87].

Netherlands [Boy05].

NMR [VBHG95].

NMR-Spectra [VBHG95].

News [FMPM +14].

Niveaux [LS54].

nonorthogonal [YE81].

Nonorthogonality [Löw70b].

Normal [Löw62f, Löw72a].

Norway [Löw69c].

Note [Löw61a, RSS08, Löw50a, LS51, Löw51c, Sco73, LCÖ84].

November [Löw80a].

NSO’s [Löw63a].

NTH [Löw69c].

Nuclear [JP76, Löw91], MÇ09, MÇ10a, MÇ10b, MÇ12].

Nuclei [Laz04].

Numbers [MC11b, MC12].

Numerical [BS76, Heh76, Löw51a, Löw51e, ST05, Bot05, Löw48e, LS51, Löw52].

O [Ahl83, Kle66b, Kle66a, Kön68, Kut67b, Kut67a, Löw87c, Ruo00, CPR04, Sut02].

O. [Bos83, CG77, Gor84, Jan77, SG14].

Obituary [Löw73c].

Objectivity [Löw75a, Löw75g, Löw92r]. observations [Sut02].

Occasion [BDL +94].

Occurrence [Löw85d, Löw88e, LFM89a].

occurring [LL51].

October [HDK72, Lin03, Löw80a].

Öhrn [BDL +94, LSZ +99b].

Olov [Boy94, Boy05, Buc65, Gra65, Hof67, Kor79, Måc81, Par66, Rei04a, Rei04b, Sel65, Ano02, BK04, CGLÖ76a, CGLÖ76b, COM89, FG76, Hal04, Kar02,
[FL62, Löw76b, Löw86f]. **Partition** [Tch99]. **Partitioning**
[BS07, Löw63a, Löw65a, Löw66b, Löw68k, LG71, Löw82e, Löw85e, Löw89c, SS04, Wei76, HL83, Löw66c, Löw69a, WS81, WS82]. **Past** [And04], Löwdin [Bou05, BS06], MM [Tch99]. **Per-Olov**
[Boy04, Boy05, Buc65, Gra65, Hof67, Kor79, McL81, Par66, Rei04a, Rei04b, Sel65, Ano02, BK04, CGLÖ76a, CGLÖ76b, COM89, FG76, Hal04, Kar02, Lin93, LÖS02, Lin03, Lin10, Löw76a, Man76, Ohn76, ÖSB01, OS02, SB02]. **Periodic** [Sch04, AK02, Löw69g, Sce09b]. **permuation** [Pan83].

**Permutational** [Kat04]. **Perspective** [Roo00]. **Perturbation** [AJA75, BS76, BJ76, LL68, Löw60c, Löw62j, Löw62k, Löw63h, Löw64k, Löw64l, Löw64m, Löw64a, Löw64b, Löw65a, Löw65j, Löw65k, Löw65m, Löw66b, Löw67j, Löw68j, Löw68k, Löw69a, LG71, Lö82a, Löw82e, Löw85e, LN89, MV81, MH04, SS04, Gra77, Löw51c, Löw65l, Löw66c]. **Perturbative** [Lin04]. **Perturbed** [Löw53b]. pg [MK09]. **Pharmacology** [Löw74f, LÖ75f, LS76, LS77, LS78, LS79, LS80, LS81a, LS81b, LS82b, LS82a, LZ83c, LZ83a, LSZ84b, LSZ84c, LÖ85, LÖS85d, LÖ6, LÖS86d, LÖS87d, LÖS87b, Löw88g, LÖS88c, Löw89f, Löw90j, Löw91p, Löw92q, Löw93g, Löw94f, Löw95j, Löw96f, Löw97c, Löw98b, Löw99b]. **Phases** [Löw81a, LS51]. **Phenomenon** [LG68, LG69]. **Teleportation** [Löw74f]. **Teleportation** [Sce09a]. **philosophy** [Sce08]. Phosphate [PP76]. **Photodetachment** [MY04]. **Photons** [Ber76]. **Physics** [Boy04, Boy05, HDK72, Kle66b, Kle66a, Löw71a, Löw78c, Löw80e, Löw90k, Löw91d, Löw91q, Löw92e, Löw92c, Löw93c, Löw93d, Löw94a, Löw94g, Löw95a, Löw95c, Löw96b, Buc65, Gra65, LP64, LGC78a, Löw91e, Löw91f, Löw91g, Löw92g, Löw92h, Löw92f, Löw94c, Löw95e, Löw95f, Löw95d, Löw96c, LÖ8+98a, LÖS+98c, LÖS+98d, Löw98d, McH75, Sel65, Löw47b, Löw48b, Löw49]. **PLA** [Dog77]. **Plane** [ML68]. **policies** [Löw95e].

**Point** [Kry02]. **Polar** [KS88]. **Policies** [Löw90e, Löw91d, Löw91e, Löw91f, Löw92b, Löw92e, Löw93c, Löw93d, Löw91g, Löw92g, Löw92h, Löw94c, Löw95f, Löw96c]. **Potential** [BGC76, AM12]. **Potentials** [MY04]. **Power** [Sla76]. **pp** [Boy04, Boy05]. **PPM** [WJ12]. **Practice** [LC78]. praktik [LC78]. **prediction** [May02a]. **Preface** [CG77, Lin93, Löw64h, Löw65e, Löw67f, Löw68f, Löw70c, Löw72c, Löw73d, Löw74d, Löw75d, Löw77e, Löw78d,
Löw79, Löw80g, Löw80h, Löw81e, Löw81f, Löw82f, Löw82g, LCG82c, LCG83, Löw85f, Löw86h, Löw88f, LGBC89, Löw89e, Löw91o, Löw92n, Löw92o, Löw94d, Löw95h, Löw96d, Löw81a, Löw89a]. Preis [Ahl83, Kön68].

Present [And04, Löw57, Löw68i, Löw89d, Löw89b, Löw89a, Löw88j]. Preis [Kle66b, Kön68, Kut67b, Löw69c]. Pressure [LCH72]. pressures [Löw48e].

Price [Löw69c]. Principal [MC11b, MC12]. Principle [LL72, Löw39, Löw61b, Löw71b, LM72b, LM72a, Löw86d, LFM89a, Sce09a, LS51].

Principles [Löw83e, LZ94, ZL94]. prizes [Löw78c]. Probability [Per12, dA12]. Problem [Dau76, Del76, Hal76, JW89, Löw58f, Löw59b, Löw59c, Löw59a, Löw62j, Löw67b, Löw67c, LG68, Löw68e, Löw68a, Löw68b, LG69, LL70, Löw70b, Löw80i, Löw83c, Löw87c, Löw87d, Löw91k, Löw95b, Löw97a, Löw07a, Löw07d, SL59, SS04, Lev76, Löw50b, Pan84, Ste77].

Problems [Löw64e, Löw65h, LÖSZ85e, LÖSZ85c, LÖSZ86e, LÖSZ86c, Löw87a, Löw87b, Löw91r, Löw92q, Löw93g, Löw94f, Löw94g, Löw95j, Löw96f, Löw97c, Löw98b, Löw99b, Löw07b, Löw54d, Löw55b]. Procedure [Löw62c, Löw63h, LAS99, Sus85, WW76, Sus90, Sus92]. Procedures [Del76, Löw93a].

Proceedings [Ahl83, HDK72, Löw63c, Löw65f, Löw67g, Löw68g, Löw69e, Löw71f, Löw71g, Löw72d, Löw73e, Löw74e, Löw74f, Löw75e, Löw75f, Löw76, LS76, LÖ77, LS77, LS78, LÖ78, LÖ79, LÖ79, LS80, LÖ80, LÖ81a, LÖ81b, LÖ82c, LÖ82b, LÖ83, LÖ83c, LÖ84a, LÖ84b, LÖSZ85e, LÖ85, LÖSZ86e, LÖ86, LÖSZ87d, Löw88h, Löw88g, LÖ89, Löw89f, Löw90k, Löw90j, Löw91q, Löw91p, Löw92p, Löw92q, LÖSZ93, Löw93g, Löw94e, Löw94f, Löw95i, Löw95j, Löw96c, Löw96f, Löw97b, Löw97c, LÖSZ98, Löw98b, LÖSZ99, Löw99b, LÖS00, ÖSZL87, Car88, LGC78a, LP83, PL83, ES87, Löw65g, Löw65a, Löw81a, LS81b, LÖ82a, Löw82a, LCG82a, LZ83a, LÖSZ84c, LÖSZ85c, LÖSZ85d, LÖSZ86c, LÖSZ86d, LÖSZ87c, LÖSZ87b, LÖSZ88d, LÖSZ88c, Löw89a, ML83b, Öö83, Kor79].

Process [Löw70d]. Processes [Löw73b, LÖSZ+99a, LÖSZB00]. Product [Löwxxa]. Prof [Löw63g]. Professor [Löw63c, Löw63d, Löw65f, Löw65g, Löw66d, LGJLCB89]. Program [Löw67h, Löw90e, Löw91d, Löw91e, Löw91f, Löw92b, Löw92e, Löw93c, Löw93d, Löw91g, Löw92g, Löw92h, Löw94c, Löw95e, Löw95f, Löw96c].

Progress [Löw62i, Löw95k]. Project [Löw76b, Lin10]. Projected [Löw60f, Löw66a, Löw66g, LCC81, Löw83b, Pau76, Löw89b, HL76, Leu76].

Projection [BL69, ČVV87, FL57, Kil69, Löw62f, Löw62j, Löw64d, VB75, Cro77, Mei03].


Properties [Frö76, HNL63, JL87, LL72, Löw48a, Löw63a, Löw66j, Löw67j, Löw67k, Löw68], Löw71c, LG71, LFM89b, Löw93f, Löw96g, Löw96h, Löwwxd, Pau76, RSS08, Löw48e, Löw56b, LÖSZ+70, Löw70e, Löw01]. property [De 76].

protein [Per12, dA12]. Proton [Abd76, Cho76, KJL87, Löw62e, Löw63e, Löw64e, Löw64j, RS76a, Kry02].

QC [Tch99]. QC/MM [Tch99]. QED [GL04].QM [Luq04, MRH10]. quadrature [BS06]. Quantization [Mc176]. Quantum [Ahl83, BK76, Bos83, Boy04, Boy05, BK04, BCA04, CGLO76b, Cal76, CL78, COM89, Car88, FL58, Gor84, KDO4a, Kün68, Kut67b, Kut67a, Lar04, Löw47a, Löw51e, Löw55b, Löw55c, Löw55d, LFH55, LS56, Löw56b, Löw57, Löw58c, Löw59b, Löw59a, Löw60b, Löw61b, Löw62f, Löw62g, Löw62h, Löw62a, Löw62i, Löw63c, Löw63d, Löw63f, Löw63b, Löw63g, Löw64c, Löw64f, Löw64i, Löw65c, Löw65b, Löw65f, Löw65g, Löw65h, Löw65i, Löw66e, Löw66h, Löw67a, Löw67d, Löw67e, Löw67i, Löw68c, Löw68g, Löw68i, Löw68l, Löw69e, Löw70a, Löw71f, Löw71g, Löw71a, Löw72b, Löw72d, Löw72e, Löw72a, Löw73a, Löw73e, Löw74a, Löw74d, Löw74f, Löw75c, Löw75e, Löw75f, Löw76a, Lö76, LS76, Löw76d, Löw76b, Löw77c, LS77, Löw77a, Löw77b, Löw78a, LS78, LGC78b, Löw78e, Lö79, LS79, Löw80b, Löw80f, Löw80a].

Quantum [LS80, Lö80, Lö80j, Löw81c, Löw81d, Löw81b, Lö81a, LS81a, LS81b, Lö81b, Löw82a, Löw82b, Lö82c, LS82b, LS82a, Löw83a, LÖM83, LZ83c, LZ83a, LSZ84a, LSZ84b, LZ84, LSZ84c, Löw85b, LÖS85e, Lö85, LÖS85c, LÖSZ85d, Löw86a, Löw86d, Löw86f, LÖSZ86e, Lö86, LÖSZ86c, LÖSZ86d, Löw86g, Löw86j, Löw87a, Löw87b, Löw87c, LÖSZ87d, LÖSZ87c, LÖSZ87b, Löw87e, LSZ88, Löw88c, Löw88h, Löw88g, LÖSZ88d, LÖSZ88c, Löw88l, Löw89a, LSZ89, Löw89f, Löw89d, Löw89g, Löw89b, LÑ89, LSZT90, Löw90c, Löw90h, Löw90k, Löw90j, LSZ91, Löw91d, Löw91e, Löw91f, Löw91g, Löw91q, Löw91p, Löw91r, LSZ92a, LSZ92b, Löw92e, Löw92c, Löw92g, Löw92h, Löw92f, LZ92, Löw92l, Löw93c, Löw93d, Löw93e, LSZ94, Löw94c, Löw94a, LZ94, LSZ95, Löw95e, Löw95a, Löw95c, Löw95f, Löw95d, Löw95k, LSZ96].

Quantum-Chemistry [Bos83, COM89, Gor84]. Quantum-Mechanical [Cal76, Löw51d, Löw51e, Löw58c, Löw86d, Löw51c]. Quasi [MH04]. Quasi-Particle [MH04].

R [Kle66b, Kle66a, AM12, CPR04]. R. [LP64]. Radial [MC11b, MK08, MK09, MC09, MC10a, MC10b, MC11a, MC12]. Radiation [Löw78c]. radio [WJ12]. Range [HL65, Kól76, VBHG95, HL59]. Rates
Löw75a, Löw75g, Löw92r, CGLÖ76b, LSZ₇⁺₀₀. Sciences [Löw70d, Löw76b, Löw83a, Löw84, Löw86l, Löw92k, Löw92l, Löw95g, Löw97d, Löwxxc].

Scientific [FG76, Lin10, Löw85a, Man76, MTW68, Ohn76, Jan77, Kar02, Löw69c, LGCT8b, Löw85i, McL81]. Scientists [Löw85h]. Sciten [Kön68].


Second [LL68]. Secular [MTW68, Sce09b, Löw69c]. Secular [Sce09b, Löw69c].

Semi [Löw88d, Löw88e, LFM89a, Mez97]. Semi-Empirical [Löw99a, LZ91]. Semi-Empirical [Löw99a, LZ91].

Semi-Empirical [LZ92]. Separability [Löw61a]. Separation [Löw64b]. September [LGCT8b]. Series [JSBL04, NA12, Sla76, JBW87].

Set [ACL73, BL69, KS88, Löw77b, Löwxxb, Boy04, JH15, YE81]. Sets [Mak81, LCK76].

several [SM13]. Sham [AM12]. Shapiro [WS92, SW92]. Sharma [JW78]. Shell [CPR04, Gos76, PdhL62a, GLA⁺₀₈].

Scheraton [LÖ82a]. Shieldings [Laz04]. Shifts [VBHG95]. Short [Löw76a].

Silicon [And04]. Similar [Löw88i]. Similarity [Löw88i].

Simple [Löw85d, Löw88e, LFM89a, Mez97]. Simplified [CD04]. since [Meh75].

Simplified [CD04]. since [Meh75]. Situation [Löw57, Löw68i, Löw89d, Löw89b, Löw88j]. Size [Löw80i].

Size-Consistency [Löw80i]. Slater [Löw67g, MÇ10b, AM12, Bou05, JH15, Jon88, JW89, Jon91, Löw53c, Löw66d, Löw86h, Löw83b, MK08, MK09, MC09, MÇ10a, MC11b, MC12, Suz92, Hof67].

Slater-Type [Jon88, JW89, JH15, Jon91, Suz92]. Society [Löw97d, Löwxxc].

Sodium [Löw51e]. Software [FMPM⁺₁₄]. Solid [HDK72, Hof67, Kor79, Löw62g, Löw65h, Löw67g, Löw69g, Löw71f, Löw71g, Löw72d, Löw73e, Löw74e, Löw75e, Lö76, LÖ77, LÖ78, LÖ79, LÖ80, LÖ81a, LÖ81b, LÖM3, LÖS84a, LÖS84, LÖSZ85e, LÖSZ85c, LÖSZ86e, LÖSZ86c, LÖSZ87c, Löw88h, LÖSZ88d, Löw89d, Löw89k, Löw90k, Löw91q, LZ92, ML83b, Ö83, ÖSZL87, Löw62d, Löw66h, LZ91].

Solid-State [Kor79, Löw67g, Löw68g, Löw69e, Löw69f, Löw71g, Löw72d, Löw73e, Löw74e, Löw75e, Lö76, LÖ77, LÖ78, LÖ80, LÖ81a, LÖ81b, LÖM3, LÖS84a, LÖS84, LÖSZ85e, LÖSZ85c, LÖSZ86e, LÖSZ86c, LÖSZ87c, Löw88h, LÖSZ88d, LÖSZ89, Löw89k, Löw90k, Löw91q, LZ92, ML83b, Ö83, ÖSZL87, Löw62d, LZ91].

Sols [FL62, Löw71a, LCH72, Sla76, Löw56b, LCS⁺₀₇₀, Löw01]. Solute [Luq04]. Solution [CC04, Lev76, Löw62j, Löw64l].

Solvay [Meh75]. Solved [Löw94g]. Solvent [Luq04]. Solving [Löw59c, Löw62c, Löw63h]. Some [ACL73, BS07, Cal76, JL87, KSM87, KS88, Kol76, Löw47a, Löw48a, Löw51b, Löw58e, Löw59b, Löw62i, Löw64j, Löw64i, Löw66j, Löw67j, Löw67k, Löw68a, Löw68b, Löw68h, Löw68i, Löw68j, Löw69f, Löw69g, Löw70d, Löw70e, Löw71b, Löw71c, LM72b, LM72a, Löw75a, Löw75g, Löw76b, Löw77f, Löw77g, Löw77b, Löw80j, Löw83e, Löw84, Löw85g, Löw85h, Löw86c, Löw86j, Löw86k, Löw86l, Löw87d, Löw87e, Löw88c, Löw88j, Löw88d, Löw89b, LFM89b,
Löw89h, LN89, Löw91r, Löw92m, Löw92r, LM92, Löw93f, Löw93h, Löw94g, Löw94h, Löw95k, Löw96g, Löw96h, Löw97d, Löw98c, Löw98d, Löwxxc, Löwxzd, Löwxb, Löwxxa, Löw07a, Löw07b, Löw07c, Löw07d, ML93, Sut02, TLS1, TL82, GLA+08, Löw48c, Löw48d, Löw48e, May10, Löw60c, Löw62k, Löw63h, Löw87c. **Something** [Löw91s]. **Sorrento** [Löw81a]. *sostoianiakh* [KKS67]. **Space** [BL69, KS76, Lat76, Uzi04]. **Spaces** [Löw96g, Löwxxa]. **Spain** [Car88]. **Spanned** [BL69]. **Special** [COM89, Löw85g, Löw92m, Löw92d, OS02, Suz85]. **Spectra** [Löw85d, Löw88e, LFM89a, Löw95k, Löw99a, VBHG95]. **Spectral** [LBH04]. **spectrally** [WJ12]. **Spectroscopies** [Löw85d, LFM89a, LÖ99a, VBHG95]. **spectroscopy** [LSZ+00]. **Spheres** [Tul04]. **Spherical** [Frö76, Löw50a]. **Spin** [HL65, Kat04, Kil69, LS55, Löw64b, LG68, LG69, Löw83b, Löw87a, Löw87b, Löw87c, Löw92m, Löw96g, MY04, Pan76, SL59, HL59, Lev76, Löw55b, Löw62d, Pan82a, Pan82b, Pan83, Pan84]. *spin-adapted* [Pan82a, Pan82b, Pan83, Pan84]. **Spin-Orbit** [Kil69, Löw64b]. **Spin-Orbitals** [HL65, LS55, Löw87a, Löw87b, Löw87c, HL59, Lev76, Löw55b]. **Spin-Projected** [Löw83b]. **Spins** [Kat04]. **Splitting** [SL56]. **sponsored** [LGC78b]. **spontaneous** [Kry02]. **Square** [Löw92l, Sco73]. **St** [LSÖ89, Löw90f, Löw90k, Löw90j, Löw91q, Löw91p, Löw92p, Löw92q, LÖSZ93, Löw93g, Löw95i, Löw95j, Löw96e, Löw96f, Löw97b, Löw97c, LÖSZ98, Löw98b, LÖSZ99, Löw99b, LÖSZ00]. **Stability** [Löw66j, Löw67k, Löw72a, Löw83c, Löw86d]. **Stabilization** [Löw85c]. **State** [FL57, HDK72, Hof67, Kor79, Löw51d, Löw65k, Löw67g, Löw69e, Löw71f, Löw71g, Löw72d, Löw73e, Löw74e, Löw75e, Lö76, Lö77, LÖ78, LÖ79, Lö80, Lö81a, Lö81b, LöM83, LS84a, LZ84, LÖSZ85c, LÖSZ86e, LÖSZ86e, Löw86g, LÖSZ87c, Löw88h, LÖSZ88d, LSÖ89, Löw90k, Löw91q, LZ92, ML83b, Öö83, ÖSZL87, Löw62d, Löw65, Löw66h, LZ91]. **States** [HL76, JP76, Kat04, Löw85c, Löw85d, Löw86k, Löw88e, LFM89a, HL83, KKS67, LR59, Löw65, SL58]. **Static** [Lun76]. **Statistics** [LÖ76, JP76, Kat04, Löw65d, Löw85d, Löw86k, Löw88e, LFM89a, HL83, KKS67, LR59, Löw65, SL58]. **Super** [Löw87b, Löw87c]. **Supercomputers** [Löw87e]. **Superconductivity**
[Lar04]. Superheavy [Mal04]. Superoperators [Löw82c]. Superposition [SL55, SL59, LR59]. Supersymmetric [KD04a]. Surface [ABD04, Löw81a, Tu04]. Surfaces [Löw90i, LGC78a]. Survey [Löw85a, Löw85i]. Sweden [Boy05, LCG82a, LP83, PL83]. Swedish [Löw39, Löw47b, Löw48b, Löw58c, Löw59c, Löw65c, Löw74e, Löw76c, Löw76b, Löw77d, LC78, Löw91i, Löw91s]. Symbolic [CVV87]. Symmetric [LG68, LF69, LFM89b, May02b, Sch77]. symmetrical [NSS12]. Symmetry [De 76, Har04, KS76, Kat04, Löw63a, Löw67j, Löw68j, Pan83, LL72]. Symposium [Löw85i, Löw85a]. System [ES87, HKD72, Kor79, Löw63c, Löw63d, Löw65f, Löw65g, Löw67g, Löw68g, Löw69e, Löw71f, Löw71g, Löw72d, Löw73e, Löw74e, Löw74f, Löw75e, Löw75f, Löw76a, Lö76, LS76, LÖ77, LS77, LS78, LÖ78, LÖ79, LÖ79, LÖ86c, LS80, LÖ80, LÖ81a, LÖ81b, LÖ82c, LS82b, LS82a, LÖM83, LZ83c, LZ83a, LSZ84a, LSZ84b, LZS84, LÖS84c, LÖS85c, LÖS85d, LÖS86c, LÖS86d, LÖS87d, LÖS87c, LÖS87b, LÖ88a, LÖ88b, LÖ88g, LÖS88d, LÖS88c, LÖSÖ89, LÖ89f, LÖ89k, LÖ90j, LÖ91q, LÖ91p, LZ92, LÖ92p, LÖ92q, LÖS93, LÖ94, LÖ94e, LÖ94f, LÖ95i, LÖ95j, LÖ96e, LÖ96f, LÖ97b, LÖ97c, LÖS98, LÖ98b, LÖS99, LÖ99b, LÖS00, ML83b, Öö3, ÖSZL87, ZL94, LGC78b, LZ91, LFH55]. Synpunkt [Löw65c]. System [Löw91m, PdHL62a, Löw69g, MK08, MK09, MC09, MÇ10a, MÇ10b]. Systems [CPR04, Har04, Köl76, LS56, LPdH60, Löw87a, Löw87b, Löw87c, LN89, Löw91s, Löw97d, Lun76, McI76, PdHL62b, Löw55b, Löw55c, Löw55d, Löw63i, LSZT90, LSZ98c, LSZ 98d, Ro00, Tch99, Löw80c].

T. [Löw50a]. Tab [Kle66b]. Table [Sch04, AK02, Sc09b]. Tame [Löw87f]. Tarfala [LGC82a]. Taylor [JBW87]. Technique [Baj75, BS07, Löw62f, Löw63b, Löw63h, Löw65a, Löw65i, Löw67i, Löw68k, Löw82e, Löw85e, Löw98c, MV81, WE76, Löw69a, Mei03, WW76, WS81, WS82]. Techniques [Löw65m, Löw66b, Löw66c]. tell [CSHM04]. Teller [Ber04]. Temperature [Löw78c]. Tensor [MY04]. teori [LC78]. term [HM01b]. Terms [HL65, Löw64b, HL59, NA12]. Test [BK76, LCLL73]. Thalberg [Löw69c]. Their [Löw91i, Löw91r, Löw97d, Löwxxc, Löwxxa]. Theorem [FL62, Löw59a, Löw72a, Löw86d, Löw91n, Bou05, HM01a, HM01b, Löw61a, May10, SL58]. Theorems [Löw93h, Löw60a]. Theoretical [BS71b, Ber04, Boy04, Boy05, JSBL04, Lad76, Löw48a, LCH72, Löw83e, Löw83d, Löw89b, Löw94g, BS71a, Löw48e]. Theories [Mak81]. Theory [BS76, Heh76, Hof67, Ki69, Kor79, Lin10, LL68, Löw50b, Löw53b, Löw54c, LFH55, Löw56a, LS56, Löw58e, Löw60b, Löw60c, Löw62h, Löw62a, Löw62j, Löw62k, Löw62i, Löw63b, Löw63h, Löw64f, Löw64g, Löw64k, Löw64l, Löw64m, Löw64a, Löw64b, Löw65a, Löw65f, Löw65g, Löw65h, Löw65i, Löw65j, Löw65k, Löw65m, Löw66b, Löw67g, Löw67j, Löw68g, Löw68j, Löw68k, Löw69e, Löw71f, Löw71g, LG71, Löw72d, Löw72e, Löw73e, Löw74c, Löw74e, Löw75e, Lö76, LÖ77, Löw77a, Löw77b, LC78, LÖ78, Löw78e, Löw79, Löw80c, LÖ80,
LÖ81a, LÖ81b, Löw82d, LCG82b, LÖ82c, LÖ82a, Löw82e, LÖM83, LSZ84a, LS84, Löw85e, Löw85d, LÖSZ85e, LÖSZ85c, LÖSZ86e, LÖSZ86c, Löw86j, Löw87a, Löw87b, Löw87c, LÖSZ87c, Löw87d, Löw88e, Löw88h, LÖSZ88d, LSZÖ89, Löw89g, Löw90e, Löw91d, Löw91l, Löw91m, Löw92c, Löw92c).

**Theory**

[ LZ92, Löw92p, Löw92q, Löw92m, Löw93c, Löw93d, Löw93e, Löw93g, Löw94a, Löw94e, Löw94f, Löw95a, Löw95c, Löw95i, Löw95j, Löw95k, Löw96b, Löw96e, Löw96f, Löw96g, Löw97b, Löw97c, Löw97a, LöS98, Löw98b, Löw99a, LöS99, Löw99b, Löwxxb, Löwxxa, LÖS00, Löw07b, Löw07d, Mic76, ML83b, Öö83, ÖSZL87, Löw50a, Löw51c, Löw53a, Löw55b, Löw55c, Löw55d, Löw62b, Löw62d, Löw63i, Löw65l, Löw66c, Löw66h, Löw81b, LSZT90, LZ91, Löw91e, Löw91f, Löw92g, Löw92h, Löw92f, Löw94c, Löw95e, Löw95f, Löw95d, Löw96c, LSZ98b, Löw98a, Low01, LL51, Roo00, WS81, WS82, SS04].

**Thermodynamical** [Löw88d].

Three [Jon84, LL51, MC10a, MC10b].

Three-center [Jon84, LL51, M C10a, M C10b].

Three-centre [LL51].

Tight [Löw62a, Löw62b].

Tight-Binding [Löw62a, Löw62b].

till [LC78].

Time [Löw63b, Löw65i, Löw67i, Löw71b, LM72b, LM72a, Löw73b, Qua04, LSZ99a, LSZB00].

Time-Dependent [Löw63b, Löw65i, Löw67i, Löw71b, LM72b, LM72a, Löw73b, LSZ99a, LSZB00].

Times [Löw85c].

Tone [Löw91i, Löw91m, Löw91s, Löw91s].

Toner [Löw91s].

Tonsystemets [Löw91s].

Total [Löw60a].

Trace [Löw77a, Löw78e, Löw82d, Löw81b].

Transactinide [Mal04].

Transfer [Cho76, Löw64j, Löw73b, Per12, dA12].

Transfers [KJL87].

Transform [Mez97].

Transformation [FL58, Löw39, CD04, LD89].

Transformationen [Löw39].

Transformations [Löw89d, Löw88e, LFM89a, Löw92m, Löw96g].

transformed [CD04].

Transition [LA56].

Treated [Löw62f, Löw63b, Löw65i, Löw67i].

Treating [CL62, MH04].

Treatment [BC04, Cal76, LL72, Löw67j, Löw68j, Löw71d, Löw72f, Löw72g, Tul04, JBW87, Löw48e, Löw51e, Löw68k, LG71].

Trends [CL78, Löw88c, Car88, LSZ98a].

Trial [Löw86d].

Tribute [Boy04, Boy05, BK04, COM89, Hof67, Kle66b, Kle66a, Löw83a, Löw87f, Rei04a, Rei04b, CGLÖ76b, LP64, Löw66h, LSZ99b, SB02].

Tromso [Löw90i].

Trondheim [Löw69c].

Tumors [Löw51e, Löw65h].

Tumours [Löw51e].

Tunneling [Löw63e, Löw64e, Löw65d, Kry02].

Tunnelling [Abd76].

Twenty [Löw85i].

Twenty-five [Löw85i].

Two [Har76, HL65, Kol76, LS56, MC11b, HL59, Jon91, MK08, MK09, MC09, MC10a, MC10b, MC12, NA12, TL82, Tul04, WS92].

Two-Center [MC11b, Jon91, MK08, MC09, MC10a, MC10b, MC12].

Two-Electron [Kol76, LS56, NA12].

Type [Baj75, Jon88, JW89, MC11b, Bou05, JH15, Jon91, MK08, MK09, MC09, MC10a, MC10b, MC12, SuZ92].

u [Kle66b].

Ukraine [Boy05].

Unbounded [Löw85d, Löw88e, LFM89a].

Uncertainty [Löw91l].

Understanding [CPR04].

Unified [Laz04].

Unitary [Löw92m, Löw96g].

Universal [Lev76, FWMZ11].

Universitet
University [Boy04, Boy05, Löw63c, Löw63d, LGC78a, Löw88h, Löw88g, Löw89a, Löw76c, Löw76d, LGC78b]. Unknown [Löw54e, Löw77h]. Unreachable [Löw88k]. Unsold [LL68]. Updates [FMPM+14]. Upper [LL68, Löw54a, Löw65j, Löw65m, Löw66b, Löw66c, Löw69a].


Waller [LGBC89, LGJLCB89]. Water [JL87, KJL87]. WATOC [Löw91c]. Watson [Baj75]. Wave [BC04, Löw50b, LA56, Löw63i, Löw64d, CSHM04, Löw60a, Löw86l, NA12, Pan82a, Pan82b, Pan83, Pan84]. wave-function [Löw86i]. Wavefunctions [FL57, LL72, Löw64d]. waves [Löw50a]. Way [Löw89c, Löw90i]. Weak [BJ76]. Weighted [LOT76, Mak81, BM86]. Weights [Kat04]. Welfare [Löw77f]. Wergeland [Löw69c]. Weyl [Heh76]. Whitney [LÖSZ87b, Löw88h, Löw88g]. Wigner [Löw64k]. Wildbad [HDK72]. Will [Löw86j]. without [BDMCO6]. Wolfsberg [CD04]. Words [Löw91r]. work [SB02]. Workshop [Car88, LÖS2a, LCG82a, Löw89b, Löw88], Löw68i]. World [Boy04, Boy05, BK04, Löw74c, Löw91c, Rei04a, Rei04b].


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