A Bibliography of Publications of Per-Olov Löwdin

Nelson H. F. Beebe
University of Utah
Department of Mathematics, 110 LCB
155 S 1400 E RM 233
Salt Lake City, UT 84112-0090
USA
Tel: +1 801 581 5254
FAX: +1 801 581 4148
E-mail: beebe@math.utah.edu, beebe@acm.org, beebe@computer.org (Internet)
WWW URL: http://www.math.utah.edu/~beebe/

18 April 2018
Version 2.54

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]. $ [MY04]. $1\Sigma^+_g [HL76]. 3 [MY04, VB75]. \alpha
\[ b_{kk}(LMl) \] [Suz85]. \( c_{12} \) [Löw48d]. \( c_{44} \) [Löw48d]. \( d \) [LAS99]. \( E \) [JBW87]. \( h_{n,2n-i}(LMl) \) [Suz85]. \( h_{n,2n-i}(LMl)/(2n-i)! \) [Suz90]. \( i \) [Suz85].

\[ J = (1/2)(E_{\text{singlet}} - E_{\text{triplet}}) \] [Har76]. \( n \) [Suz85]. \( n + \ell, n \) [AK02]. \( \Omega \) [WS82].

\[ r_{12} \] [CL62]. \( s \) [LAS99]. \( S_{p,q}(2) \) [WS92]. \( S_{pq}(2) \) [SW92].

\[ \text{A.} \] [ES87, Löw77d]. \text{äldrande} [Löw77d]. \text{Abb} [Kle66b, Kut67b]. \text{Academic} [Boy04, Boy05, Kle66b, Kón68, Kut67b]. \text{Accuracy} [Par09]. \text{accurate} [MC11a]. \text{acid} [BS71a]. \text{Acoustics} [Löw91i]. \text{Acta} [FG76]. \text{actinide} [CSHM04]. \text{Activities} [Löw76c, Jan77]. \text{actual} [Car88]. \text{Adapted} [Kat04, Pan82a, Pan82b, Pan83, Pan84]. \text{Addendum} [Löw81b]. \text{Addition} [Boy05, Pan82a]. \text{Address} [Löw80f]. \text{Adjoint} [FL83, Löw83c, Löw96h, Löwxxd, Sco73]. \text{Advances} [Bos83, Gor84, Löw64c, Löw65b, Löw67a, Löw68c, Löw70a, Löw72b, Löw73a, Löw74a, Löw75c, Löw77c, Löw78a, Löw80b, Löw81c, Löw81d, 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+99d, LSZB00, SB02, SB17, Kón68, Kut67b, Kut67a, Par66]. \text{Advancing} [LÖS02]. \text{Affinities} [Lin04]. \text{agenda} [SG14]. \text{Aging} [Löw64e, Löw65h, Löw77d, Löw07b].

\[ \text{aktivitetet} \] [Löw76c]. \text{Akustiken} [Löw91i]. \text{Albert} [ES87]. \text{Alberthe} [LÖ79, LS79]. \text{Algebra}
algorithm [Sch77]. Alkali [Löw51e, LCH72, Löw48e]. Alkenes [TTK04].

Alkyl [CPR04]. Alpha [Jon88, JW89, Antö5, De 76, Duf71, JW78, Jon91, MC09, MC11a, MC11b, ST05, Suz84a, Suz84b, Suz85, Suz87, Suz90, Suz92].

Alpha-Function [Jon88, JW89, Jon91, ST05, Suz84a, Suz84b].

Alpha-Functions [Jon88].

alpha-radial [MC09]. Alternant [LCLL73, Löw54b, PdHL62a, PdHL62b].

alternatives [SM13]. American [Löw76b, Löw77f]. American-Swedish [Löw76b].

Aminopurine [RG76]. Analysis [BJ76, GÖL70, Löw92l, BDMC06, CSHM04, Per12, dA12]. Analytic [Jon91, LA56, JBW87, MRH10]. Analytical [Jon88, Tul04].

Angela [Har04, Löw64d, Cro77, MK08, MK09]. annihilation [Pan82b].

Anniversary [LGC78b, LGJLCB89]. Announcement [Löw86b, Löw88b, Löw94b]. Antone [Suz87]. any [FMPM +14]. Aperiodic [Löw62g, Löw65h].

Appendix [SS04]. Application [Cha90, JH15, JW89, Kilö9, Löw53b, Löw92q, Löw93g, Löw94f, Löw95j, Löw96f, Löw97c, Löw98b, Löw99b, SL58b, Gra77, PdHL62b]. Applications [DFK05, LBH04, Löw51e, Löw66e, Löw67d, LCH72, Löw92m, Löw48e, May10, HL83, LFM89a, SL59]. Approach [Laz04, Löw85g, Mor78, SW92, May02a, WS92]. Approaches [Löw94d, Löw65j, Löw07a, Me103]. Approximants [ČVV87].


arranged [Löw63c, Löw63d]. Art [Löw86g]. Artificial [Löw86l].

Arvsanlagen [Löw65c]. Aspects [Heh76, Löw58g, Löw60c, Löw62k, Löw64j, Löw64i, Löw65h, Löw68a, Löw68b, Löw68b, Löw68h, Löw68i, Löw69f, Löw70d, Löw75a, Löw75g, Löw76b, Löw77g, Löw80j, Löw84, Löw85g, Löw86j, Löw87b, Löw87c, Löw92r, Löw92d, Löw98c, Löwxxc, Löw07b, Löw07c, Car88, Löw77f, Löw88j, Meh75].

Associated [Löw85d, Löw88e, LFM89a, Löw93h, TL81, TL82]. Associations [Löw85d, Löw81a]. Asymptotic [SPH14, LS51]. Atom [ABD04, BK76, Löw81a, CSHM04]. Atomic [BKNS91, CL62, FL57, GÖL70, KSM87, KS88, Kor79, LBH04, Löw50b, Löw63c, Löw63d, Löw63g, Löw65f, Löw65g, Löw67g, Löw68g, Löw69e, Löw71f, Löw71g, Löw72d, Löw73e, Löw74e, Löw75e, LÖ76, LÖ77, LÖ78, LÖ79, Löw60c, LöS0, LöS1a, LöS1b, LÖM3, LSZ84a, LZ84, LÖS85e, LÖSZ85c, LÖSZ86e, LÖSZ86c, Löw92p, LÖSZ93, Löw94e, Löw95i, Löw96e, Löw97b, LÖS98, LÖS99, LÖS00, ML83b, GÖ83, VBHG95, Löw53c, Löw54d, Löw54e, LS"98a, LSZ"00, MRH10, Suz92]. Atoms [Frö76, HL65, Hof67, KD04b, Löw58g, Sla76, Van76, CSHM04, HL59, LR59, Löw66h].

atoms-in-molecules [CSHM04]. att [Löw59c]. attraction
[Ahl76, LL68, Löw65a, Löw65j, Löw65k, Löw65m, Löw66b, LL70, Rei76, Gra77, Löw65l, Löw66c]. **Bracketing** [Brä76, ST14]. **Brändas** [Boy04, Boy05, Rei04a, Rei04b]. **Bridged** [TTK04]. **Brief** [Löw68d, Löw80e, Löw85a, Löw85i]. **Brillouin** [Gra77, Löw64k, Löw86d]. **Bromine** [JP76]. **Brueckner** [Lin04].

C [Hof67, Löw66d, Löw66h, VBHG95]. C-13 [VBHG95]. **Calais** [Mcl81, Löw96a]. **Calcul** [Löw58b]. **Calculated** [KSM87]. **Calculating** [Lin04, Löw54c, Suz90]. **Calculation** [Har76, JP76, Löw47a, Löw51b, Löw51d, Löw51e, LPdH60, Löw65a, Löw65m, Löw66b, LL70, Löw85c, MK08, MK09, MC09, MC10a, MC11b, MC12, TTK04, Löw48c, Löw48d, LS51, Löw66c, Löw69a, LL51, MC11a, Suz84a, Suz84b, Suz85, Suz90, Suz92, Löw53c, MC10b]. **Calculations** [ABD04, BCA04, DDH75, Dog77, JSBL04, LBH04, Löw54a, Löw62a, Löw80d, Löw80e, Löw86f, LN89, Löw91h, Mal04, MV81, Sla76, Löw62b, WW76]. **Call** [Löw88a, L291]. can [CSHM04]. **Cancer** [JL87, Löw62e, Löw62h, Löw77d].

**Canonical** [Har76, Mor78, JH15, NS04]. **Carcinogenesis** [Löw68h, Löw77h, Löw86c]. **Case** [Löw92m]. **catalysis** [TTK04]. **Catalytic** [TTK04]. **Catalyzed** [TTK04]. **Causality** [Löw61b]. **Caused** [Löw62e]. **Causes** [BKNS91]. **Cavity** [Thu04]. **Cellular** [Frö76, Sla76]. **Center** [JW89, Löw90k, Löw90j, Löw91q, Löw91p, Löw92p, Löw92q, MC11b, Jon84, Jon91, Löw53a, MK08, MK09, MC09, MC10a, MC10b, MC12]. centre [LL51]. **Certain** [JL87, LL51]. **Chairman** [Löw89d]. challenge [AK02, See06]. **Change** [Löw85d, Löw88e, LFM89a]. **Changes** [Löw65c]. **Changing** [Par03]. **Chapter** [Bun17, LÖBS17, SPH14, SS17]. **Character** [Gos76]. **characteristic** [CD04]. **Charge** [ABD04, JBW87, MC09, MÇ10a, MÇ10b]. **Charges** [BKNS91, KSM87, KS88, VBHG95, MRH10]. **Chemical** [Brä14, Dau76, HNL63, Löw58c, Löw61b, LC78a, Löw66f, Löw94g, Nye93, Qua04, RS76b, Sch04, May02a]. **Chemistry** [Ahl83, And04, BK76, Ber04, BH07, Bos83, Boy04, Boy05, BK04, CL78, COM89, Dav76, DFK05, FH58, FL07, GS12, Gor84, Het00, Kle66b, Kle66a, Lar04, Löw57, Löw58f, Löw61b, Löw64c, Löw65b, Löw67a, Löw67e, Löw68c, Löw68i, Löw68l, Löw70a, Löw71a, Löw72b, Löw73a, Löw75a, Löw75c, Löw76a, Löw76c, Löw76d, Löw77c, Löw77d, Löw78a, LC78, Löw80b, Löw80f, Löw80a, Löw80j, Löw81c, Löw81d, Lö81a, Lö81b, Löw82a, Löw82, Löw82, LÖM83, Löw83e, LÖS84a, LÖS84, Löw85b, LÖSZ85e, LÖSZ85c, Löw86a, LÖSZ86c, LÖSZ86c, Löw86g, LÖSZ87c, Löw87c, LÖS88, Löw88c, LÖS88d, Löw88i, LÖS89, Löw89a, LÖSZ89, Löw89d, Löw89b, Löw89b, LSZT90, Löw90b, Löw90e, Löw90h, Löw90h, Löw90k, LSZ91, Löw91d, Löw91l, Löw91q, Löw91r, LSZ92a, LSZ92b, Löw92e, Löw92c, LZ92, Löw92l, Löw93c, Löw93d]. **Chemistry** [LSZ94, Löw94a, LZ94, LSZ95, Löw95a, Löw95c, LSZ96, Löw96b, LSZ97b, LSZ97a, LSZ98c, LSZ98d, LSZ98b, LSZB99, LSZ99b, LSZ99a, LSZ99c, LSZB00, Mal04, McL81, ML83b, Nye93, Öös3, ÖSzl87, ÖSzl87]
Par03, Par09, Rei04a, Rei04b, SB02, SB17, Sce09a, ZL94, Brä17, Buc65, Car88, Gra65, LÖS02, LP64, LCS+70, LGCT78b, LP83, Löw88j, Löw88l, LZ91, Löw91e, Löw91f, Löw91g, Löw92h, Löw92f, Löw94c, Löw95e, Löw95f, Löw95d, Löw96c, LSZ+98a, PL83, Sce08, SL65, SG14, Löw90e, Löw91d, Löw91e, Löw91f, Löw91g, Löw91l, Löw92g, Löw92h, Löw92f, Löw94c, Löw94e, Löw95e, Löw95f, Löw95d, Löw96c, SG14, Ahl83, Köh68, Kut67b, Kut67a, Par66].

Citation [Löw87a]. Clarke [Löw67g].

Classic [Het00, Löw87a].

Clebsch [SW92, WS92].

Clementi [Löw92d].

Closed [CPR04, PdHL62a, GLA08].

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

Closers [BKNS91]. Cluster [Mal04, Uzi04]. Clusters [KJL87, Löw81a, LSZ97a].

CNF [Dog77].

CNH [Dog77].

Coast [LS80, LS81a, LS82b, LS82a, LÖ82a, LZ83c, LSZ83b, LSZ84b, LSZ84c].

Code [Löw66, Löw67k, FMFM+14].

Coefficient [JW78].

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

Cognition [SS17].

Cohesive [FL62, Löw47a, Löw51d, Löw51e, Löw48c, Löw48d, Löw48e, Löw56b, LCS+70, Low01].

Coleman [ES87, Löw87d].

Collected [Sce08].

Collection [Löw76a].

Collision [Kor79, Lö77, Lö78, Lö79, Lö80, Lö81a, LÖM83, ML83b, Ö83].

Collisions [KD04b, Mic76].

Colloquium [Löw81a, LGCT78a].

Combined [LR59].

Comment [Suz87].

Commentary [Sce06].

Comments [ACL73, Cal76, GöL70, Löw66d, Löw67j, Löw68j, Löw71b, LM72b, LM72a, LSZ83b, Löw58b, Löw86c, Löw86k, Löw86l, Löw89b, Löw96g, ML93, Löw96g, LSZ83a, LSZ83c, LSZ83d, Löw98d].

Committee [Löw47b, Löw48b, Löw49].

common [FWMZ11].

Compact [Ant85, Suz87].

Company [Ahl83].

Comparison [KSM87, Lin04, Löw98c].

Completeness [LCK76].

Complex [Löw85d, Löw86k, Löw88e, LM89a, LM89b, LAS99].

Complexes [KSM87, TTT04, CSHM04].

Compounds [Löw53b, VBHG95, LAS99].

Compressed [Frö76].

Compression [Löw48e].

Computation [CVV87].

Computational [BH07, DFKS05, Kor79, Lö77, Lö78, Lö79, Lö80, Lö81a, Lö81b, LÖM83, LSZ84a, LSZ84b, LSZ85e, LÖS85e, LÖSZ86c, LÖSZ87, Löw76c, Löw88h, LÖSZ88d, Löw90k, Löw91q, Löw92p, LÖSZ93, Löw94e, Löw95i, Löw96e, Löw97b, ML83b, Ö83, ÖSZL87, Par09, Duf71, LSZ+97b, HDK72].

Computations [Löw90e, Löw91d, Löw92e, Löw92c, Löw93c, Löw93d, Löw94a, Löw95a, Löw95c, Löw96b, Löw91e, Löw91f, Löw91g, Löw92g, Löw92h, Löw92f, Löw94c, Löw95e, Löw95f, Löw95d, Löw96c].

Computer [Löw92k, Jon84, Jon92].

Computers [Löw87c, Par03].

Concept [Ber04, Löw91a].

Concepts [FH58, Löw88i, Löw90b].

Concluding [Löw90i, Löw91c].

Condensed [LÖ82c, Löw90e, Löw91d, Löw92c, Löw92p, Löw93c, Löw93d, LÖSZ93, Löw94a, Löw94e, Löw95a, Löw95c, Löw95i, Löw96b, Löw96e, Löw97b, LÖSZ98, LÖSZ99, LÖS00, Löw91e, Löw91f, Löw91g, Löw92g, Löw92h, Löw92f, Löw94c, Löw95e, Löw95f, Löw95d, Löw96c].

Conditions [LCC81, Löw86d].

Conference [Löw47b, Löw48b, Löw49, Löw63g, Löw80f,
Löw90i, Löw90k, Löw90j, Löw91q, Löw91p, Löw92p, Löw92q]. conferences [Meh75]. configuration [JH15]. configuration-interaction [JH15].

Configurational [Löw87a, Löw55b]. Configurations [SL55, SL58b, SL59, AK02, LR59]. Conformation [Lad76]. Congress [Ahl83, Löw80a, LP83, Löw89a, Löw89d, Löw91c, PL83].

Conjugated [Löw53b]. Connected [Löw50b, Löw59a]. Connection [Löw63g, Löw85e, Löw95g, Löw96g, Löw99a, Löw65j]. Conqueror [Ohn76].

Consciousness [Löw86j]. Consistency [Löw80i]. Consistent [Löw51a, LA56, Löw60c, Löw62k, Löw53c, Löw54d, Löw54e]. Constant [JP76].

Construct [Löw64d]. Construction [ACL73, Mak81, VB75, Pan82a, Pan82b, Pan83, Pan84]. Contact [Löw64b].


Convergence [Löw87a, Löw90b, Löw55b]. Convolution [Löw66e, Löw67d]. Coordinate [Löw16, MK08, MK09, MC09, MC10a, MC10b]. Corrected [Mei03].

Correlated [Har04]. Correlation [GÖL70, Hal76, LB76, Löw55a, Löw56a, Löw59b, Löw68a, Löw68b, Löw71d, Löw72f, Löw72g, Löw75b, Löw95b, Löw07a, Löw07c, SL56, GLA^+08, Löw55d, LR59, Löw62d].

Correlations [Lun76]. Correspondence [FH58]. Cosmic [Löw78c].

Coulombic [Löw89c, Löw90]. Coulson [SPH14, Bou05, BS06].

Coulson/Löwdin [Bou05, BS06]. Coupled [Mal04, Uzi04].

Coupled-Cluster [Mal04]. Coupling [Ber04, JP76, Kil69, Löw64b].

Cova[nt [Löw58c, Kry02]. creation [Pan82b]. Crick [Ba75]. 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, Löw77b, 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].

Definition [Löw91j, Löw91l, Löw86e, Sut02]. Definitionen [Löw91i].


densities [Lev76]. Density [CRE79, Cha90, CSHM04, CLS63, Dav76, ES87, JP76, KSM87, Löw63a, LL70, LG82b, Löw87a, Löw87b, LSZ90, LSZ^+98b, Mez97, Pat62, GLA^+08, JWB87, Lev76, Löw55b, Löw86i, MC09, MC10a, MC10b].


Deoxyribonucleic [BS71a]. Dependent [BL69, Löw63b, Löw65i, Löw67b].
Löw67c, Löw67i, Löw71b, LM72b, LM72a, Löw73b, LSZ+99a, LSZB00].
Deras [Löw65c, Löw91i]. Derivation [LCC81, YE81]. descents [Löw50a].
Described [Löw91r]. design [WJ12]. Determinantal [We176].
Determinants [Löw83b], Determination [Löw51a]. Deuterium [VBHG95].
Deuterium-Isotope [VBHG95]. Development [BH07, Löw58g, Löw65j, Löw87b, Löw87c, Löw89g, Löw91k, Löw91l, Löw91s, Löw95b, Löw97d, Löwxxc, Meh75]. Development-Evaluation [Löw65j].
Developments [Löw83e, Löw89h, Löw07a]. Devoted [Löw90e, Löw51b, Löw53a, LS55, LC84, L85, SL58a, WW76].
Distance [Löw47a, Löw48c, Löw48d, Löw48e]. DNA [Abd76, Baj75, BS71b, FWMZ11, KKS67, KJL87, Kry02, Löw63e, Löw64e, Löw64j, Löw65b, Löw65h, Löw07b, ML68]. DNK [KKS67]. Do [SS17]. Dilemma [Löw63a]. Dipole [Löw51b]. Dirac [Löw48c]. Directions [Löw48d].
Discussion [CD04, CLS63, FG76, HNLD63, Löw59b, Löw84, Löw07a, LPLH63].
Discussions [Löw89b]. Disease [Löw62e]. Dissociation [CC04, CPR04].
Diatomic [VB75]. Diatomic [Löw59c, Löw62j, Löw67b, Löw67c].
Electromagnetism [Löw47a, Gra77]. Electron [Dau76, Kol76, LCCL73, Lin04, LS56, Löw59b, Löw62j, Löw95b, Löw07a, Löw07d, Lun76, MY04, AM12, GLA+08, Jon91, Lev76, Löw61a, NA12, Per12, dA12].
electron-repulsion [Jon91]. Electronic [COM89, LBH04, Löw56a, Löw58g,

factor [LR59], fast [MC11a], father [Brä17]. FCN [DDH75, Dog77]. February [Löw94e, Löw94f, Löw95i, Löw95j, Löw96e, Löw96f, LöS98, Löw98b, LöS99, Löw99b, LöS00]. Fermi [Löw64b]. Fermion [CLS63, LSZT90]. Festschrift [CG77]. Field [Cho76, Löw60c, Löw62k, VB75, Gra77]. Fields [KDO4b, Löw51a, LA56, Löw53c, Löw54d, Löw54e]. filling [AK02]. Find [Löw86k]. First [DFK05, HL75, LA56, Lev76, Löw52, Löw86l]. first-order [Lev76, Löw86l]. five [Löw85i]. Flagler [LS78, LÖT78, LÖT79, LÖS9, LÖS80, LÖS81a, LÖS81b, LÖS82c, LÖS82a, LÖM83, LSZ84a, LÖS84, ML83b, Öös83]. Florida [Löw63c, Löw63d, Löw65f, Löw65g, Löw67g, Löw68g, Löw69e, Löw71f, Löw71g, Löw72d, Löw73e, Löw74e, Löw74f, Löw75e, Löw75f, LöT76,
LS76, LÖ77, LS77, LÖ78, LÖ79, LS79, LS80, LÖ80, LÖ81a, LS81b, LÖ81b, LÖ82c, LS82b, LS82a, LÖ82a, LÖM83, LZ83c, LZ83a, LSZ84a, LSZ84b, LZ84a, LÖSZ85e, LÖ85, LÖSZ85c, LÖSZ85d, LÖSZ86e, LÖ86, LÖSZ86c, LÖSZ86d, LÖSZ87d, LÖSZ87c, LÖSZ87b, LÖw88b, LÖw88g, LÖSZ88a, LÖSZ88c, LÖSZ89, LÖw89f, LÖw90k, LÖw90j, LÖw91q, LÖw91p, LÖw92p, LÖw92q, LÖSZ93, LÖw93g, LÖw94e, LÖw94f, LÖw95i, LÖw95j, LÖw96c, LÖw96f, LÖw97b, LÖw97c, LÖSZ98, LÖw89b, LÖSZ99, LÖw99b, LÖS00, ML83b, ÖÖ83, ÖSZL87, Ano59, LÖw72e, LÖw76b, LÖw77f.

Fock [LPLH63, FL83, HL76, LÖw55a, LÖw55c, LÖw55d, LÖw58e, LÖw60a, LÖw63a, LÖw66f, LÖw66a, LÖw66g, LÖw69b, LÖw75b, LCC81, LFM89a, LFM89b, LM92, ML93, May02a, Uzi04, Van76].

folding [WW76].

Following [BS07].

Fonctions [LÖw85b, LÖw58a].

Förändringar [LÖw65c].

Forces [Mez97].

Form [CVV87, Duf71, JW78].

Formalism [LÖw62j, LÖw64k, LÖw85g, MH04].

Format [LÖw88b].

Formel [Tul04].

Formula [LÖw51d, JW78, YE81].

Formulae [MC11b, MC09, MÇ10a, MÇ10b].

Formulas [Jon84, LÖw53a, MC12].

Forskargruppen [LÖw76c].

Forty [DFKS05].

Foundation [LZ94, ZL94].

Foundations [LÖw91s, LÖw98d].

Four [Bun17, Har04, LL51].

Four-Body [LÖw65c].

Fourteen [SS17].

Fourth [Ahl83, LP83, PL83].

Forschungsgruppe [LÖw76c].

Forty [DFKS05].

Foundation [LZ94, ZL94].

Foundations [LÖw91s, LÖw98d].

Four [Bun17, Har04, LL51].

Four-Body [LÖw65c].

Fourteen [SS17].

Fourth [Ahl83, LP83, PL83].

Free [LÖw86, LÖw89b, LN89].

French [LÖw58a].

Front [Ano76b, Fukui [LÖw83a].

Fulfilling [May02a].

Full [DDH75].

Fully [Mal04].

Function [Ahl76, Brä76, JP76, JW89, Lin04, MC11b, Mcl76, Ant85, CSFM04, De 76, Duf71, Jon84, JBW87, Jon91, Jon92, LÖw60a, LÖw66i, MC09, MÇ10a, MÇ10b, MÇ12, NA12, ST05, Suz84a, Suz84b, Suz85, Suz87, Suz90, Suz92, ST14].

Functional [LCG82b, LSZT90, LSZ+98b].

Functionals [ES87, LÖw96b, LÖw88d, Lev76].

Functions [ACL73, CL62, Jon88, LÖw50b, LA56, LÖw58a, LÖw86d, Pau76, 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].

Fundsents [LÖw64f].

Future [And04, LÖw68i, LÖw76a, LÖw88i, LÖw89g, LÖw90h, LÖw91l, LÖw88i].

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 [LÖw58c].

Generated [FL57, AM12].

Generator [Las76].

Genetic [LÖw64e, LÖw65c, LÖw66j, LÖw67k].

Genetics [LÖw62g, LÖw63f, LÖw65h].

geometry [GLA+08].

Germany [HDK72].

Gets [Ano59].

Getting [NS04].

Girona [Car88, LÖw88i, LÖw88j].

Giuseppe [LSZ+99a].

Global [LÖw97d].

goals [Brä14].

Gordan [SW92, WS92].

Goscinski [MC81].

Got [SS17].
gradients [MRH10]. Gram [NSS12]. Graphs [Löw85c]. Green [McI76].
Green’s [Lin04]. Green’s-Function [Lin04]. Ground
[HL76, Löw51d, LR59, Löw65f, Löw65k]. Group
[Löw66e, Löw67d, LG68, LG69, Löw76c, PP76, Tch99, LCS+70, LG78b].
Grunder [Löw91s]. Guseinov
[MÇ10b, MK08, MK09, MC09, MÇ10a, MC11b, MÇ12].

H [Löw71g]. Halides [LCH72, Löw48e]. Hamiltonian
[CD04, Löw85d, Löw85g, Löw88e, LFM89a, Löw89e, Löw90i, May02a, Uzi04].
Hamiltonians [Löw82c]. Harald [Löw69c]. Harmoni
[Löw91s]. Harmonilärians [Löw91s]. Hartree
[HL76, LPLH63, Van76, FL83, Löw55a, Löw55c, Löw55d, Löw58e, Löw60a,
Löw63a, Löw66f, Löw66a, Löw66g, Löw69b, Löw75b, LCC81, LFM89a,
LFM89b, LM92, ML93]. Having [Löw96g]. HCN [DDH75, Dog77]. Heavy
[GL04, Mal04, Uzi04]. Hebrew [Löw89a]. Held
[FH58, HDK72, Löw71f, Löw72d, Löw73e, LCG89b, Löw80a, Löw81a, LS81b,
LO81b, LS82a, LÖ82a, LCG89a, LZ83a, LZ84, LSZ84c, LÖ85c, LÖ86c,
LÖ86d, LÖ87c, LÖ87d, LÖ88d, LÖ89c, ML83b, O83, Löw58f,
Löw67g, Löw68g, Löw69e, Löw71g, Löw74e, Löw74f, Löw75e, Löw75f, Löw76,
LÖ76, LÖ77, LÖ78, LG78a, LS78, LÖ78, LÖ79, LS80, LÖ80, LO81a,
LS81a, LÖ82c, LS82b, LÖ82a, LÖ83, LÖ84, LÖ84a, LÖ85b, LÖ85c,
LÖ85d, LÖ86, LÖ87d, LÖ88h, Löw88g, LSÖ89, Löw89f,
Löw90k, Löw90j, Löw91q, Löw91p, Löw92p, Löw92q, LÖ93b, Löw93g,
Löw94e, Löw94f, Löw95i, Löw95j, Löw96e, Löw96f, Löw97b, Löw97c, LÖ98b,
LÖ98c, LÖ98d, LÖ99b, LÖ99c, LSZ84d, PL83]. Helical [Baj75]. Helium
Hennes [Löw74c]. Henry [Löw69e]. Herausgeg [Kle66b, Kut67b].
Herausgegeben [Rei04a]. Heredity [Löw65h, Löw07b]. Hermitian
[May02a]. Heterocyclics [Löw51b]. High [LCH72, SPH14, Löw48e].
Hilbert [Lat76]. Historic [Löw85a, Löw85j]. Historical [Löw91k, Löw95b].
History [GS12, Löw78]. Homolytic [CC04]. Honor [Löw63c, Löw63d,
Löw76a, Löw91b, Löw92d, Löw97g, Löw96e, Löw96f, Löw97b, Löw97c, LÖ98b,
LÖ98c, LÖ98d, LÖ99b, LÖ99c, LSZ84d, PL83]. Hybrid [Tch99]. Hydrido
[TTK04]. Hydrogen [BK76, CC04, HL65, HL76, KSM87,
Las76, Löw66j, Löw67k, Löw69f, RS66a, HL59]. Hydrogen-Bonded
[KSM87]. Hydrosilylation [TTK04]. Hylleraas
[Löw63c, Löw63d, Löw63g, MTW68, Löw69c]. Hyperbola [Par03].

ICQC [Löw89d]. Ideas [Löw59b, Löw07a]. Identity [Par03]. II
[Rei04b, Roo00, HM01b, Löw48d, Löw51e, Löw54d, Löw54e, Löw55c, Löw63a,
Löw64k, LFM89a, LSZ+98d, Löwxxa, ÖL83, ÖO83, OS02, Pan82b, PdHL62b,
Susz58, WS82]. III
[Boy04, Boy05]. **Levdinovskii** [KKS67]. **Levels** [Löw54c, Löw56a]. **LiBr** [KP76]. **Lie** [BC04]. **Life** [Löw84, Löw85c, SB02]. **Life-Times** [Löw85c]. **Light** [Löw54c]. **Like** [LA56, SL56, LR59]. **Limited** [Dog77]. **limits** [Löw69a]. **Lindgren** [Löw98c]. **Linear** [Löw64f, Löw77b, Löw92a, Löw94, Löw96a, Löw98a, Löwxxd, Löwxxb, Löwxxa, McI76, TL81, NS04, TL82]. **Linearly** [BL69, Löw67b, Löw67c]. **Liouville** [Löw88c]. **Liouvillian** [Löw54c]. **Liouvillians** [Löw54c]. **Liouville** [Löw88c]. **Liouville** [Löw88c]. **Liquid** [GLA08]. **liquids** [AM12]. **Literature** [Man76]. **Ljunggren** [Löw50a]. **Local** [Pan82a]. **Localization** [Lar04, CRE79]. **Localized** [RS76b, Löw64a]. **Logic** [Löw95b]. **London** [Ahl83, Kle66b, Kon68, Kut67b]. **Long** [HL59, HL65, Kol76, Löw89c, Löw90i, VBHG95]. **Long-Range** [HL65, Kol76, VBHG95, HL59]. **Look** [BKNS91]. **Lorentz** [Löw39]. **Lösa** [Löw59c]. **Lost** [Heh18]. **Louis** [Mcl81, Löw66a]. **Low** [Löw78c, MY04]. **Low-Lying** [MY04]. **Löwdin** [Ahl83, Buc65, Gra65, Kle66b, Kün68, Kutt67b, Lin03, MC11a, McI81, Rei04a, Roo00, Sch77, Sel65, Suz84a, FMPM+14, KKS67, AJA75, AEG80, AK02, AM12, Ano59, Ano60, Ano61, Ant85, Baj75, BS71a, BS71b, BNKNS91, BM86, BS07, Bos83, Bou05, BS06, Brä76, BK04, Brä17, BDMCO, Bun17, CGLÖ76b, CG77, COM89, CD04, Cha90, CVV87, CSHM04, Cro77, De 76, DH75, Dom77, Du71, FG76, FWMZ11, Gor84, GC84, GLA08, Gra77, Hal04, HM01a, HM01b, Heh18, HL83, Hof67, Jan77, JH15, JW78, Jon84, JWB87, Jon88, JW89, Jon91, Jon92, KSM87, KSS88, Kar02, KS73, Köl69, Kor79, Kry72, Kutt67a, LBH04, LCK76, LAS99, LD89, Lin93, Lin95, LOB17, Löw66a, Mak81, MK08, MK09, MC09, MČ10a, MČ10b]. **Löwdin** [MC11b, MČ12, Man76, MV81, May02a, May02b, May10, MHR10, Mei03, Mez97, Mor78, NSS12, NA12, NS04, Ohr76, ÖSB01, OS02, Pan82a, Pan82b, Pan83, Pan84, Par66, Per12, RSS80, SB02, SB17, ScE06, Sce09a, Sco73, SPH14, SG14, SW92, ST05, Ste77, Stu02, Suz84b, Suz85, Suz87, Suz90, Suz92, ST14, SM13, Tch99, VB75, VBHG95, WJ12, WW76, WS81, WS82, DA12, WS92, Boy04, Boy05, Rei04a, Rei04b]. **Löwdin-** [MČ12]. **Löwdin-alpha** [MC11a]. **Löwdin’s** [SS17]. **Lower** [LL68, Löw65a, Löw65m, Löw66b, LL70, Rei76, Löw66c, Löw69a, Gra77, Löw65k, Löw65l]. **Lying** [MY04]. **Macromolecular** [Mez97]. **Macromolecules** [Lad76]. **Madelung** [AK02]. **Magnetic** [JL87, KD04b]. **Man** [Löw74c]. **Manageability** [Par09]. **Manifolds** [TL81, LAS99, TL82]. **Mäniskan** [Löw74c]. **Many** [Dau76, Lin04, Löw59b, Löw62i, Löw80c, Löw85d, LöSZ85e, LöSZ85c, LöSZ86e, LöSZ86c, Lö87a, Lö88e, LFM89a, LFM89b, Löw07a, Löw07d, Lun76, Mic76, Löw53a, Löw55b, Löw55c, Löw55d, Löw63i, LSZT90, Roo00]. **Many-Body** [Lin04, Löw80c, LöSZ85c, LöSZ86c, Mic76]. **many-center** [Löw53a]. **Many-Electron** [Dau76, Löw59b, Löw62i, Löw07a, Löw07d, Lun76]. **many-fermion** [LSZT90]. **Many-Particle** [Löw85d, Löw87a, Löw88e, LFM89a, LFM89b, LFM89c, LFM89d, LFM89e, LFM89f, LFM89g, LFM89h, LFM89i, LFM89j, LFM89k, LFM89l, LFM89m, LFM89n, LFM89o, LFM89p, LFM89q, LFM89r, LFM89s, LFM89t, LFM89u, LFM89v, LFM89w, LFM89x, LFM89y, LFM89z].
Löw55b, Löw55c, Löw55d, Löw63i, Roo00]. March
[FHL55, LS78, LÖ78, LÖ79, LS79, LS80, Lö80, Lö81a, LS81a, LS81b, Lö81b, Lö82c, LS82b, LS82a, Lö82a, LÖM83, LZ83c, LZ83a, LSZ84a, LSZ84b, LZ84c, LÖSZ85c, Lö85, LÖSZ85d, Lö85d, LÖSZ86e, Lö86, LÖSZ86c, LÖSZ86d, LÖSZ87d, LÖSZ87c, LÖSZ87b, Lö88b, Lö88g, LÖSZ88d, LÖSZ88c, Lö90k, Lö90j, Lö91q, Lö91p, Lö92p, Lö92q, Lö93, Lö93g, Lö95i, Lö95j, Lö96e, Lö96f, Lö97b, Lö97c, Lö99b, LÖS00, ML83b, Oö83, ÖSZL87]. Maria
[Löw74b]. Marine
[LÖSZ87b, Löw88b, Löw88g]. Marine-Biological [LÖSZ87b]. Marineland
[LÖSZ85c, Löw85, LÖSZ85d, LÖSZ86e, Lö86, LÖSZ86c, LÖSZ86d, LÖSZ87c, LÖSZ87b, Lö88h, Lö88g, LÖSZ88d, LÖSZ88c, ÖSZL87]. mark [LGC78b]. Marriott [Löw94e]. Materials
[Löw86f, LSZ’00]. Math [Suz84a, Suz87]. Mathematical
[Löw77b, Lö90b, Löw90g, Löwxxb, Löwxxa, Löw86e]. Mathematician
[Löw87d]. Mathematics [Löw90g]. Matrices [CLS63, Dav76, ES87, KSM87, LL70, Löw87a, Löw87b, Mez97, CD04, Lev76, Löw55b, Löw86i]. 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, LÖSZ93, Löw94a, Löw94e, Löw95a, Löw95e, Löw95i, Löw96b, Löw96c, Löw97b, LÖSZ98, LÖSZ99, LÖS00, Nye93, Löw91q, Löw91f, Löw91g, Löw92g, Löw92h, Löw92f, Löw94c, Löw95e, Löw95f, Löw96e, LÖSZ87d, LÖSZ87c, LÖSZ87b, Lö88h, Lö88g, LÖSZ88d, LÖSZ88c, ÖSZL87]. Maximum [LÖT76]. May [Löw81a]. Mayer [NSS12]. MCSCF [RS76b].
Meaning [Löw91i]. Means
[Löw56a, Löw56m, Löw66b, LG71, Löw87a, Löw55b, Löw66c]. Measures
[Mez97]. Mechanical [BCA04, Cal76, FL58, Löw47a, Löw51d, Löw51e, Löw58c, Löw86d, Löw48c, Löw48d, Löw48e, Löw51c]. Mechanics
[KD04a, Löw59b, Löw59a, Löw62f, Löw63c, Löw63d, Löw63g, Löw66e, Löw67d, Löw72a, Löw07a]. Mechanism
[BS71b, Löw68h, RG76, BS71a, KKS67, Kry02]. Meeting [FH58].
mekhanizm [KKS67]. melting [LGC78b, McL81]. membranes [LGC78a]. Memoir [Lin03]. Memoriam [Löw74b]. Memory
[Boy04, Boy05, BK04, Löw96a, Rei04a, Rei04b, SS17]. Mesomorphic [Löw58a]. Mésomérie [Löw58a]. Metals [LA56, Löw66d, Löw51e]. Method
[CL62, LCCL73, Las76, Löw54b, Löw55a, Löw59c, Löw66f, Löw66a, Löw66g, Löw68k, Löw75b, Löw85d, Löw86k, Löw87a, Löw88a, Löw88e, LFM89a, Löw91k, Löw92l, LM92, MY04, ML93, Pan82a, Pan82b, Pan83, Pan84, PdHL62a, PdHL62b, Van76, CRE79, JH15, Jon84, Jon91, Löw50a, Löw55b, Löw69b, May02b, MRH10]. Methods
[BK76, Luq04, BJ76, Dog77, LBH04, LB76, Löw51a, LÖ77, LÖ78, LÖ79, Lö80, Lö82c, Löw85e, Löw85g, LÖSZ87c, Löw88h, LÖSZ88d, Löw90k, Löw91q, LZ92, Löw92p, LÖSZ93, Löw94e, Löw95i, Löw96e, Löw97b, Löw99a, ÖSZL87, 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]. MM [Tch99]. Mobilities [RS76a]. Mobility [Löw73a]. Model [Fröh76, Tul04, FWMZ11, Löw69b, Löw68a, Löw68b, Löw07c]. Modeling [VBHG95]. Models [Löw77h, Löw69c]. Modern [Löw75h, Löw74c, Löw74e, Löw75g, Löw80j, Löw92r, Löw97d, LSZ+98a, Löwxxc]. moderna [Löw74c]. modified [JW78]. Moleculaire [Löw58b]. Molecular [DDH75, Dog77, HAR76, Jon88, JW89, KCLL73, 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, Lö76, Lö77, Lö78, Lö79, Löw80d, Löw80e, LÖ80, Löw81a, LÖ81a, LÖ81b, Löw83a, LÖM83, Löw83e, Löw83d, LS84a, LÖ585e, LÖ585e, LÖ586e, LÖ586e, LÖ586c, LSZÖ89, Löw91j, Löw92p, LÖSZ93, Löw94e, Löw95i, Löw95k, Löw96e, Löw97b, LÖSZ98, Löw99a, LÖS99, LÖS00, Mic76, ML83b, Öö83, PdHL62a, PdHL62b, FMPM+14, FWMZ11, JBW87, Löw62d, Löw68e, MK08, MK09, MC09, MÇ10a, MÇ10b, Tch99, Buc65, Gra65, Kle66b, Kle66a, Sæ65]. Molecular-Orbital [DDH75, Dog77, Löw53b]. Molecule [HL76, JP76, Las76, Laz04, Löw65h, Löw07b, Löw86c, Sut02]. Molecules [BCA04, FHL55, Gos76, Hof67, KS88, KD04b, Löw50b, Löw51d, Löw51e, LFH55, Löw60b, Löw62h, Löw80i, Löw89c, Löw89b, Mak81, Mal04, Slaj67, CSHM04, GLA+08, Löw53a, Löw66h, LL51]. Moments [Löw51b]. Momentum [KS76, Löw64d, Löw73b, Cro77]. Monovalent [Löw66d]. Moral [Löw58h]. Motion [LL72, Löw62f, Löw68k, LG71, Löw85g, Löw91j]. Mott [La04]. Mountains [Ohm76]. MR [Suz87]. Mulliken [Löw65f, Löw65g, BKN91, CSHM04, KSM87, KS88, LP64, Kle66b, Kle66a]. Multi [JW89]. Multi-Center [JW89]. Multicenter [Jon88]. Multiconfigurational [MY04]. Multidimensional [LG71]. Mutagenesis [Abd76], mutasii [KKS67]. Mutation [Löw65d, FWMZ11, KKS67]. Mutations [Löw64e, Löw65h, Löw07b, RG76, Kry02].

O [Ahl83, Kle66b, Kle66a, Kün68, Kut67b, Kut67a, Roo00, CPR04, Sut02].

Ober [BDL94].

Obituary [Low73].

Objectivity [Löw75a, Low75b, Löw92].

Observations [Sur02].

Occasion [BDL94].

Occurrence [Löw85c, Löw88e, LFM89].

Occurrences [Sur02].

Occasions [BDL94].

October [HDK72, Lin03, Löw80a].

Öhrn [BDL94, LSZ99].

Olov [Low91i, Löw91].

One [MC11b, MC09, Löc12].

One-body [AM12, One-Center [MC11b, MC09, Löc12].

ONIOM [MRH10].

ONIOM-based [MRH10].

Open [CPR04].

Open- [CPR04].

Opening [Löw80f].

Operator [BL69, Löw62, Löw63b, Löw65i, Löw79e, VB75, WS81].

Operators [FL57, FL83, Kil69, Löw64, Löw64d, Löw65a, Löw65b, Löw65c, Löw65d, Löw65e, Löw65f, Löw65g, PdHL62a, PdHL62b, AK02, CRE79, FMPM14, JH15, MK08, MK09, MC09, Szu92].

Orbitals [Gos76, Har76, HL65, Jon88, JW89, Kle66b, Kle66a, Lin04, Löw54b, LS55, LS65, Löw64g, Löw87a, MC11b, RS76b, SL58b, SL59, AM12, Bou05, Buc65, Gra65, HL59, Jon91, Lev76, Löw55b, LP64, MC10a, MČ10b, MČ12, NA12, Sel65].

Order [BS76, LL68, Löw50a, Sph14, Lev76, Löw52, Löw86].

Orders [KSM87, KS88].

Ordinary [Mcl76, Löw52, Löw55c].

Organic [Löw53b, Löw59a].

Origin [Löw84, Löw91m, JBW87, Kry02, AK02].

Orthogonal [LD89, WJ12].

Orthogonality [Del76, Löw50b, Löw68e, Löw91k].

Orthogonalization [AJA75, Del76, KS73, Mak81, RSS08, AEG80, BM86, JH15, LAS99, May02b, NSS12, NS04, Sca73, Ste77, SM13, WJ12].

Orthogonalizations [SS17].

Orthonormal [ACL73].

Orthonormalization [Löw93l, Mor78, Sch77].

Osäkerheitsrelationerna [Löw91l].

Osvaldo [McL81].

Other [Löw921, Jan77].

Our [Löw97d].

Overlap [ABD04, Ber76, BJ76, Dog77, HM01a, HM01b, JP76, LÖT76, LPdH60, MC11b, Jon92, MK08, MK09, Pan83].

overlapping [WJ12].

P [Ahl83, Kle66b, Kle66a, Kün68, Kut67b, Kut67a, Roo00].

P-O [Roo00].

P. [Bos83, CG77, Gor84, Jan77, SG14, Sut02].

P. O [Ahl83, Kle66b, Kle66a, Sut02].

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

Pages [Ahl83].

Pair [FL83, Löw53c, KKS67].

Pairing [Löw91n, HM01a, HM01b, Kry02, May10].

Pairs [Ahl83, Dog77, KJL87, Kry02, Löw61a].

Palm
Polynomials [Réd76]. Ponce [Löw90k, Löw90j, Löw91q, Löw91p, Löw92p, Löw92q, Löw95i, Löw95j, Löw96e, Löw96f, Löw97b, Löw97c, LÖSZ98, Löw98b, LÖSZ99, Löw99b, LÖS00]. Ponte [Löw94e, Löw94f]. Pople [Löw88a]. population [BDMC06, CSHM04, Per12, dA12]. positive [Sco73]. Positrons [BCA04]. Possible [Löw68a, Löw68b, Löw68h, Löw07c]. pot [LGC78b, McL81]. Potential [BGC76, AM12]. Potentials [MY04]. Power [Sla76]. Pople [Löw88a]. Population [BDMC06, CSHM04, Per12, dA12]. positive [Sco73]. Predication [May02a]. Preface [CG77, Lin93, Löw64h, Löw65e, Löw67f, Löw68f, Löw70c, Löw72c, Löw73d, Löw74d, Löw75d, Löw77e, Löw78d, Löw79, Löw80g, Löw80h, Löw81e, Löw81f, Löw81g, Löw82f, Löw82g, LCG82c, LCG83, Löw85f, Löw86h, Löw88f, LGC89, Löw89e, Löw91o, Löw91n, Löw92o, Löw94d, Löw95h, Löw96d, Löw81a, Löw89a]. Preis [Ahl83, König83]. Present [And04, Löw57, Löw68i, Löw89d, Löw89b, Löw88j]. Press [Kle66b, König83, Kutó67b, 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, Löw58h, Löw59b, Löw59c, Löw59a, Löw62j, Löw67b, Löw67c, LG68, Löw68e, Löw68a, Löw68b, LG69, LL70, Löw70b, Löw80i, Löw83c, Löw87b, Löw91k, Löw95b, Löw97a, Löw07a, Löw07c, Löw07d, SL58b, SL59, SS04, Lev76, Löw50b, Pan84, Ste77]. Problems [Löw54e, Löw64e, Löw65h, LÖSZ85e, LÖSZ85c, LÖSZ86c, LÖSZ86a, Löw87a, Löw91r, Löw92q, Löw93g, Löw94f, Löw94g, Löw95j, Löw96f, Löw97c, Löw98b, Löw99b, Löw07b, Löw54d, Löw55b]. Procedure [Löw58d, Löw62c, Löw63h, LAS99, Suz85, WW76, Suz90, Suz92]. Procedures [Del76, Löw93b]. Proceedings [Ahl83, FH58, HDK72, Löw63c, Löw63d, Löw65f, Löw67g, Löw68g, Löw69e, Löw71f, Löw71g, Löw72d, Löw73e, Löw74e, Löw74f, Löw75c, Löw75f, LÖ76, LÖ76, LÖ77, LS77, LÖ78, LÖ79, LS79, LS80, LÖ80, LÖ81a, LS81a, LÖ82c, LS82b, LÖM83, LS83c, LSZ84a, LSZ84b, LÖSZ85e, LÖSZ85c, LÖSZ86c, LÖSZ86a, LÖSZ87d, Löw88h, Löw88g, LSZÖ89, Löw89f, Löw90k, Löw90j, Löw91q, Löw91p, Löw92r, Löw92q, LÖSZ93, Löw93g, Löw94e, Löw94f, Löw95i, Löw95j, Löw96e, Löw96f, Löw96g, Löw97e, Löw97c, LÖSZ98, Löw98b, Löw98c, Löw99f, Löw99h, LÖS00, ÖSZL87, Car88, LGC78a, LP83, PL83, ES87, Löw65g, Löw80a, Löw81a, LS81b, LS82a, LÖS82a, LÖ83a, LS84, LSZ84c, LÖSZ85c, LÖSZ85d, LÖSZ86c, LÖSZ86d, LÖSZ87c, LÖSZ87b, LÖSZ88d, LÖSZ88c, Löw89a, ML83b, Ö833, Kor79]. Process [Löw70d]. Processes [Löw73b, LSZ+99a, LSZB00]. Product [Löwxxa]. Prof [Löw63c]. Professor [Löw63c, Löw63d, Löw65f, Löw65g, Löw66d, LGJLCB89]. Program [Löw67h, Löw90e, Löw91d, Löw91e, Löw91f, Löw92b, Löw92c, Löw93c, Löw93d, Löw91g, Löw92h, Löw94c, Löw95e, Löw95f, Löw96c].
Progress [Löw62i, Löw95k]. Project [Löw76b, Löw77f, Lin10]. Projected [Löw66f, Löw66a, Löw66g, LCC81, Löw83b, Pau76, Löw69b, HL76, Van76].

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

Projections [Ahl76, Löw68i, Löw71c, Löw70e, Löw88i]. Projector [TL81, TL82]. Projectors [Cha90]. Projects [Löw72c]. Propagating [LSZ99b]. Propagator [LÖ82c, Löw85g, MY04]. Propagators [Löw94h]. Properties [Frö76, HNLD63, JL87, LL72, Löw48a, Löw63a, Löw66j, Löw67j, Löw67k, Löw68j, Löw71c, LG71, LFM89b, Löw93f, Löw96g, Löw96h, Löwxxd, Pau76, RSS08, Löw48e, Löw56b, LCS+70, Löw70e, Löw01].

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

Projections [Ahl76, Löw68i, Löw71c, Löw70e, Löw88i]. Projector [TL81, TL82]. Projectors [Cha90]. Projects [Löw72c]. Propagating [LSZ99b]. Propagator [LÖ82c, Löw85g, MY04]. Propagators [Löw94h]. Properties [Frö76, HNLD63, JL87, LL72, Löw48a, Löw63a, Löw66j, Löw67j, Löw67k, Löw68j, Löw71c, LG71, LFM89b, Löw93f, Löw96g, Löw96h, Löwxxd, Pau76, RSS08, Löw48e, Löw56b, LCS+70, Löw70e, Löw01].

Project [Löw68i, Löw71c, Löw70e, Löw88i]. Projector [TL81, TL82]. Projectors [Cha90]. Projects [Löw72c]. Propagating [LSZ99b]. Propagator [LÖ82c, Löw85g, MY04]. Propagators [Löw94h]. Properties [Frö76, HNLD63, JL87, LL72, Löw48a, Löw63a, Löw66j, Löw67j, Löw67k, Löw68j, Löw71c, LG71, LFM89b, Löw93f, Löw96g, Löw96h, Löwxxd, Pau76, RSS08, Löw48e, Löw56b, LCS+70, Löw70e, Löw01].

Project [Löw68i, Löw71c, Löw70e, Löw88i]. Projector [TL81, TL82]. Projectors [Cha90]. Projects [Löw72c]. Propagating [LSZ99b]. Propagator [LÖ82c, Löw85g, MY04]. Propagators [Löw94h]. Properties [Frö76, HNLD63, JL87, LL72, Löw48a, Löw63a, Löw66j, Löw67j, Löw67k, Löw68j, Löw71c, LG71, LFM89b, Löw93f, Löw96g, Löw96h, Löwxxd, Pau76, RSS08, Löw48e, Löw56b, LCS+70, Löw70e, Löw01].

Property [De 76].

Protein [Per12, dA12].

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

Pseudoquadrupole [JP76].

Psi [Löw88k].

Psyche [Löw74c].

psyke [Löw74c].

PT [Sch04].

Publications [CGLÖ76a, Löw66i].

Published [Löw69c]. Publishers [Boy04, Boy05]. Publishing [Ahl83].

Pullman [Kle66b, LÖ79, LS79, Buc65, Gra65, Kle66a, Sel65].

Pullmann [Ahl83].


quadrature [BS06]. Quantization [McI76].

Quantum [Ahl83, BK76, Bos83, Boy04, Boy05, BK04, BCA04, CGLÖ76b, Cal76, CL78, COM89, Car88, Dav76, FHL55, FL58, FH58, FL07, GS12, Gor84, Het00, KD04a, Kön68, Kut67b, Kut67a, Lar04, Löw47a, Löw51d, Löw51e, Löw55b, Löw55c, Löw55d, LFH55, LS56, Löw56b, Löw57, Löw58c, Löw58f, Löw59b, Löw59a, Löw60b, Löw61b, Löw62f, Löw62g, Löw62h, Löw62a, Löw62i, Löw63c, Löw63d, Löw63f, Löw63b, Löw63g, Löw64c, Löw64f, Löw64i, Löw65c, Löw65b, Löw65f, Löw65g, Löw65i, Löw65h, Löw66e, Löw66d, Löw66a, Löw67a, Löw67d, Löw67e, Löw67i, Löw68c, Löw68g, Löw68i, Löw68l, Löw69e, Löw70a, Löw71f, Löw71g, Löw71a, Löw72b, Löw72d, Löw72e, Löw72a, Löw73a, Löw73e, Löw74a, Löw74c, Löw74e, Löw74f, Löw75c, Löw75e, Löw75f, Löw76a, Lö76, LS76, Löw76d, Löw76b, Löw77c, LS77, Löw77a, Löw77b, Löw78a, LS78].

Quantum [LG78b, Löw78e, LÖ79, LS79, Löw80b, Löw80f, Löw80a, LS80, Lö80, Löw80l, Löw81c, Löw81d, Löw81b, Lö81a, LS81a, LS81b, Lö81b, Löw2a, Löw82b, Löw82d, Lö82c, LS82a, Löw83a, LÖM3, LZ83c, LZ83a, LSZ84a, LSZ84b, LSS84, LSZ84c, Löw85b, LÖSZ5e, Lö5, LÖSZ5c, LÖSZ5d, Löw86a, Löw86d, Löw86f, LÖSZ86e, LÖ86, LÖSZ86c, LÖSZ86d, Löw86g, LÖSZ7d, LÖSZ7c, LÖSZ7b, Löw87c, LÖSZ88e, Löw88c, Löw88h, Löw88i, LÖSZ88d, LÖSZ88c, Löw88i, LS89, Löw89a, LSÖ89, Löw89f, Löw89d, Löw89g, Löw98b, LNS9, LSZT90, Löw90e, Löw90h, Löw90k, Löw90j, LSZ91, Löw91d, Löw91e, Löw91f, Löw91g, Löw91l, Löw91p, Löw91r, LSZ92a, LSZ92b, Löw92e, Löw92c, Löw92g, Löw92h, Löw92f, LZ92, Löw92l, Löw93c, Löw93d, Löw93e, LSZ94, Löw94c, Löw94a, LZ94, LSZ95, Löw95e, Löw95a, Löw95c, Löw95f].

Quantum [Löw95d, Löw95k, LSZ96, Löw96b, Löw96c, LSZ+97b, LSZ+97a, Löw97a, LSZ+98c, LSZ+98d, LSZ+98b, Löw98a, LSZB99, LSZ+99b, LSZ+99a, ...]
Quantum-Chemistry [Bos83, COM89, Gor84]. Quantum-Mechanical [Cal76, Löw51d, Löw51e, Löw58c, Löw58d, Löw51c]. Quasi [MH04]. Quasi-Particle [MH04].


S [Boy04, Boy05, Kle66a, Kle66b, Kut67b, LP64, Rei04a, Rei04b]. Sanderson [Löw65f, Löw65g]. Sanibel [Löw63c, Löw63d, Löw63g, Löw65f, Löw65g, Löw67g, Löw68g, Löw69e, Löw71f, Löw71g, Löw72d, Löw73c, Löw74e, Löw74f, Löw75e, Löw75f, LÖ76, LS76, LÖ77, LS77, Löw83b, Löw85i, Löw85a]. Sasaki [Ste77]. Sawgrass [Löw94e]. Scale [Löw87c]. Scaling [Löw59a, Löw85d, Löw86k, Löw88e, LFM89a]. Scattering [ABD04, Ber76, BGC76, LÖSZ85e, LÖSZ85c, LÖSZ86e, LÖSZ86c, HL83]. SCF [KSM87, Löw64g]. Scheme [FL83, Löw63a, LFM89a, LFM89b, Löw55d, Löw58e, NSS12]. Schmidt [NSS12]. School [Löw58f]. Schrödinger [BC04, Löw58a, Löw62c, Löw63h, Löw64l, Löw65j]. Science [Löw75a, Löw75g, Löw92r, CGLÖ76b, LSZ+00]. Sciences [Löw70d, Löw76b, Löw83a, Löw84, Löw86l, Löw92k, Löw92l, Löw95g, Löw97d, Löwxxc, Löw77f]. Scientific [Bun17, FG76, Het00, Lin10, Löw85a, Man76, MTW68, Ohn76, Par03, Jan77, Kar02, Löw69c, LGC78b, Löw85i, MCL81]. Scientists [Löw85h]. Sciten [Kön68]. SCRF [Luq04]. Search [Löw92l]. Second [LL68, Löw91c]. Second-Order [LL68]. Secular [Löw64m, Löw67b, Löw67c]. Selected [MTW68, Sce09b, Löw69c]. Self [Löw51a, LA56, Löw60c, Löw62k, Löw53c, Löw54d, Löw54e, Sco73]. self-adjoint [Sco73]. Self-Consistent [Löw51a, LA56, Löw60c, Löw62k, Löw53c, Löw54d, Löw54e]. Semi [Löw99a, L291]. Semi-Empirical [Löw99a, L291]. Semiconductors [MV81]. Semiempirical [LZ92]. separability [Löw61a]. Separation [Löw64b]. September [LGCT8b]. Series [JSBL04, NA12, Sla76, JBW87]. Set [ACL73, BL69, K88, Löw77b, Löwxxb, Löwxxa, Boy04, JH15, YE81]. Sets [Mak81, LCK76]. several [SM13]. Sham [AM12]. Shapiro [WS92, SW92]. Sharma [JW78]. Shell [CPR04, Gos76, PDHL62a, GLA+08]. Sheraton [LÖ82a]. Shieldings [Laz04]. Shifts [VBHG95]. Short [Löw76a]. Silico [And04]. Similar [Löw88i]. Similarity [Löw89d, Löw88e, LFM89a, Mez97]. Simple [BS07, CL62, LCC81, Suz84a, Suz84b, Suz85, Suz90, Suz92]. Simplifications [Löw54c]. simplified [CD04]. since [Meh75]. Situation [Löw57, Löw68i, Löw89d, Löw89b, Löw88j]. Size [Löw80i]. Size-Consistency [Löw80i]. Slater [Löw67g, MC10b, AM12, Bou05, JH15, Jon88, JW89, Jon91, Löw53c, Löw66d, Löw66h, Löw83b, MK08, MK09, MC09, MC10a, MC11b, MC12, Suz92, Hof67]. Slater-Type [Jon88, JW89, JH15, Jon91, Suz92]. Society [Brä14, Löw97d, Löwxxc]. Sodium [Löw51e]. Software [FMPM+14]. Solid [HDK72, Hof67, Kor79, Löw62g, Löw65h, Löw67g, Löw68g, Löw69e, Löw71f, Löw71g, Löw72d, Löw73e, Löw74e, Löw75e, LÖ76, LÖ77, LÖ78, LÖ79, LÖ80, LÖ81a, LÖ81b, LÖM83, LSZ84a, LSZ84, LÖSZ85e, LÖSZ85c, LÖSZ86e,
LÖSZ86c, Löw88h, LÖSZ88d, LSZÖ89, Löw90k, Löw91q, LZ92, ML83b, Öö83, ÖSZL87, Löw62d, Löw66h, LZ91]. **Solid-State** [Kor79, Löw67g, Löw68g, Löw69e, Löw71f, Löw71g, Löw72d, Löw73e, Löw74e, Löw75e, Lö76, LÖ77, LÖ78, LÖ79, LÖ80, LÖ81a, LÖ81b, LÖM83, LSZ84a, LZ84, LÖSZ85c, LÖSZ85e, LÖSZ86e, LÖSZ86c, LÖSZ87c, Löw88h, LÖSZ88d, LSZÖ89, Löw90k, Löw91q, LZ92, ML83b, Öö83, ÖSZL87, Löw62d, LZ91]. **Solids** [FL62, Löw71a, LCH72, Sla76, Löw56b, LCS70, Löw01]. **Solute** [Luq04]. **Solution** [CC04, Lev76, Löw62j, Löw64l]. **Solvay** [Meh75]. **Solved** [Löw94g]. **Solvent** [Luq04]. **Solving** [Löw58d, Löw59c, Löw62c, Löw63h]. **Some** [ACL73, BS07, Cal76, JL87, KSM87, KS88, Kol76, Löw47a, Löw48a, Löw48h, Löw51b, Löw51g, Löw51h, Löw52d, Löw53f, Löw54f, Löw55f, Löw56f, Löw57f, Löw58f, Löw59f, Löw59g, Löw60f, Löw61f, Löw62f, Löw63f, Löw64f, Löw65f, Löw66f, Löw67f, Löw68f, Löw69f, Löw70f, Löw71f, Löw72f, Löw73f, Löw74f, Löw75f, Löw76f, Löw77f, Löw78f, Löw79f, Löw80f, Löw81f, Löw82f, Löw83f, Löw84f, Löw85f, Löw86f, Löw87f, Löw88f, Löw89f, Löw90f, Löw91f, Löw92f, Löw93f, Löw94f, Löw95f, Löw96f, Löw97f, Löw98f, Löw99f, LÖSZ90, LÖSZ91, LÖSZ92, LÖSZ93, LÖSZ94, LÖSZ95, LÖSZ96, LÖSZ97, LÖSZ98, LÖSZ99, LÖSZ00]. **Something** [Löw91s]. **Son** [Heh18]. **Sorrento** [Löw81a]. **sostoianiakh** [KKS67]. **Space** [BL69, KS76, Lat76, Uzi04]. **Spaces** [Löw96g, Löwxxa]. **Spain** [Car88]. **Spanned** [BL69]. **Special** [COM89, Löw85g, Löw92m, Löw92d, OS02, Suz85]. **Specifics** [Bun17]. **Spectra** [Löw85d, Löw88e, LFM89a, Löw95k, Löw99a, VBH99]. **Spectral** [LBH04]. **spectrally** [WJ12]. **Spectroscopies** [Laz04]. spectroscopy [LSZ+00]. **Spheres** [Tul04]. **Spherical** [Frö76, Löw50a]. **Spin** [HL65, Kat04, Kil69, LS55, Löw58h, Löw64b, LG68, LG69, Löw83b, Löw87a, Löw92m, Löw96g, MY04, Pan76, SL58b, SL59, HL59, Lev76, Löw55b, Löw62d, Pan82a, Pan82b, Pan83, Pan84]. spin-adapted [Pan82a, Pan82b, Pan83, Pan84]. **Spin-Orbit** [Kil69, Löw64b]. **Spin-Orbitals** [HL65, LS55, Löw87a, HL59, Lev76, Löw55b]. **Spin-Projected** [Löw83b]. **Spins** [Kat04]. **Splitting** [SL56]. sponsored [LG78b]. spontaneous [Kry02]. **Square** [Löw92l, Sco73]. **St** [LSZÖ89, Löw89f, Löw90k, Löw90j, Löw91q, Löw91p, Löw92p, Löw92q, LÖSZ93, Löw93g, Löw95i, Löw95j, Löw96e, Löw96f, Löw96g, Löw97b, Löw97c, LÖSZ98, Löw98h, LÖSZ99, Löw99b, LÖS00]. **Stability** [Löw66j, Löw67k, Löw72a, Löw83c, Löw86d]. **Stabilization** [Löw85c]. **State** [FL57, HDK72, Ho67, Kor79, Löw51d, Löw65k, Löw65f, Löw65g, Löw69e, Löw71f, Löw71g, Löw72d, Löw73e, Löw74e, Löw75e, Löw76, LÖ77, LÖ78, LÖ79, LÖ80, LÖ81a, LÖ81b, LÖM83, LSZ84a, LZS84, LÖSZ85c, LÖSZ86c, LÖSZ86e, Löw86g, LÖSZ87c, Löw88h, LÖSZ88d, LSÖ89, Löw90k, Löw91q, LZ92, ML83b, Öö83, ÖSZL87, Löw62d, Löw65l, Löw66h, LZ91]. **statement** [Brä14]. **States** [HL76, JP76, Kat04, Löw85c, Löw85d, Löw86k, Löw88e, LFM89a, HL83, KKS67, LR59, Löw65l, SL58a, BH07]. **Static**

Structure
[COM89, CLS63, LBH04, Löw58g, Löw60b, Löw68i, Löw80d, Löw80e, Löw89c, Löw89b, Löw91b, Löw91j, Mak81, MV81, PdHL62a, TTK04, CGLÖ76b, CD04, KKS67, Löw86e, Löw88j, LSZ +97a, LSZ +99a, LSZB00, WW76]. Structures [Baj75]. struktura [KKS67]. Studies [KJL87, Löw53c, Löw54d, Löw54e, LA56, Löw60c, Löw62], Löw62k, Löw63h, Löw64k, Löw64l, Löw64m, Löw64a, Löw64b, Löw65j, Löw65k, Löw65l, Löw65m, Löw66b, Löw68k, LG71, LM92, PdHL62a, PdHL62b, RST6b, WS81, WS82, SS04]. Study [Baj75, BS71b, JL87, Löw64b, LCH72, Uzi04, BS71a, LCK76, LS51, Löw55c].


Summer [Löw58f]. Super [Löw67b, Löw67c]. Supercomputers [Löw87c].

Superconductivity [Lar04]. Superheavy [Ma04]. Superoperators [Löw82c].

Superposition [SL55, SL58b, SL59, LR59]. Supersymmetric [KD04a].

Surface [ABD04, Löw81a, Tul04]. Surfaces [Löw90i, LGC78a]. Survey [Löw85a, Löw85i]. Sweden [Boy05, FH58, Löw58f, LG82a, LP83, PL83].

Swedish [Löw39, Löw47b, Löw48b, Löw49, Löw58c, Löw59c, Löw65c, Löw74c, Löw76c, Löw76b, Löw77d, Löw77j, LC78, Löw91i, Löw91s]. Symbolic [CVV87].

Symmetric [LG68, LG69, LFM89a, May02, Sch77]. symmetrical [NSS12].

Symmetry [De 76, Har04, KS76, Kat04, Löw63a, Löw67j, Löw68], LG71, Qua04, RGS05, Pan83, LL72].

Symposium [ES87, FHL55, HDK72, Kor79, Löw63c, Löw63d, Löw65f, Löw65g, Löw67g, Löw68g, Löw69e, Löw71f, Löw72g, Löw73e, Löw74e, Löw74f, Löw75e, Löw76a, Lö76, LS76, LS77, LS78, LÖ78, LÖ79, LÖ79, Löw80c, LS80, Lö81a, LS81a, LÖ81b, LÖ82c, LS82b, LS82a, LÖM83, LS83c, LS83a, LS84a, LSZ84b, LSZ84, LSZ84c, LÖSZ85e, LÖ85, LÖSZ85c, LÖSZ85d, LÖSZ86e, LÖ86, LÖSZ86c, LÖSZ86d, LÖSZ87d, LÖSZ87c, LÖSZ87b, Löw88a, Löw88h, LÖSZ88d, LÖSZ88c, LSZÖ89, Löw89f, Löw90k, Löw90j, Löw91q, Löw91p, LZ92, Löw92p, Löw92q, LÖS93, Löw93g, LZ94, Löw94e, Löw94f, Löw95i, Löw95j, Löw96e, Löw96f, Löw97b, Löw97c, LÖSZ98, Löw98b, LÖSZ99, Löw99b, LÖS00, ML83b, Öö83, ÖSZL87, ZL94, LGCT8b, LZ91, LFH55]. Synpunkt [Löw55c].

System [Löw91m, PdHL62a, Löw69g, MK08, MK09, MC09, MC10a, MC10b].

Systems [CPR04, Har04, Kol76, LS56, LPdH60, Löw62i, LN89, Löw91a, Löw97d, Lun76, McI76, PdHL62b, Löw55b, Löw55c, Löw55d, Löw63i, LSZT90, LSZ +98c, LSZ +98d, Roo00, Tch99, Löw80c].
Löw82e, Löw98c, MV81, Wei76, Löw69a, Mei03, WW76, WS81, WS82]. Techniques [Löw65m, Löw66b, Löw66c]. tell [CSHM04]. Teller [Ber04]. Temperature [Löw78c]. Tensor [MY04]. teori [LC78]. term [HM01]. 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, SL58a]. Theorems [Löw93h, Löw60a]. Theoretical [BS71b, Ber04, Boy04, Boy05, Brä14, JBL04, La76, Löw48a, LCH72, Löw83e, Löw83d, Löw89h, Löw94g, Nye93, BS71a, Löw48e]. Theories [Mak81]. Theory [BS76, DFKS05, FHL55, Heh76, Hof67, Kil69, Kor79, Lin10, LL68, Löw50b, Löw53b, Löw54e, LFH55, Löw56a, LS56, Löw58g, 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, Löw67i, Löw67j, Löw68g, Löw68j, Löw68k, Löw69e, Löw71f, Löw71g, LG71, Löw72d, Löw72e, Löw73e, Löw74c, Löw74e, Löw75e, LÖ76, LÖ77, Löw77a, LC78, LÖ78, Löw78e, LÖ79, Löw80c, LÖ80, LÖ81a, LÖ81b, Löw82d, LCG82h, LÖ82c, LÖ82a, Löw82e, LÖM83, LSZ84a, LÖS84, Löw85e, LÖS85d, LÖS85e, LÖS86c, Löw86j, Löw87a, LÖS87c, Löw87b, Löw88e, Löw88h, Löw88i, LÖS88d, LSÖ89, Löw89g, Löw90e, Löw91d, Löw91l, Löw91m, Löw92e]. Four [Löw92c, LZ92, Löw92p, Löw92q, Löw92m, Löw93c, Löw93d, Löw93e, LÖS93, Löw93g, Löw94a, Löw94e, Löw95a, Löw95c, Löw95i, Löw95j, Löw95k, Löw96b, Löw96e, Löw96f, Löw96g, Löw97b, Löw97c, Löw97a, Löw98a, LÖS98, Löw98b, Löw99a, LÖS99, Löw99b, Löw99x, Löwxxb, Löwxxa, LÖS00, Löw07b, Löw07d, Mic76, ML83b, Öö83, ÖSZL87, Löw50a, Löw51c, Löw53a, Löw55b, Löw55c, Löw55d, Löw56b, Löw62b, Löw62d, Löw63i, Löw65l, Löw66c, Löw66h, Löw81b, LSZT90, LZ91, Löw91e, Löw91f, Löw91g, Löw92g, Löw92h, Löw92f, Löw94c, Löw95e, Löw95f, Löw95d, Löw96c, LSZ98b, Löw01, LL51, Roo00, WS81, WS82, SS04]. Thermodynamical [Löw88d]. three-center [Jon84, LL51, MÇ10a, MÇ10b]. three-center [Jon84, MÇ10a, MÇ10b]. 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]. Ton [Löw91i]. Tone [Löw91i, Löw91m, Löw91s, Löw91s]. Toner [Löw91s]. Ton systemets [Löw91s]. tool [BS06]. Tools [Löw77b, Löw93e, Löwxxb, Löwxxa]. Toronto [Löw91c]. 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 [Löw85d, Löw88e, LFMS89a, Löw92m, Löw96g]. transformed [CD04]. Transition [LA56]. Treated [Löw62f, Löw63b, Löw65i, Löw67i]. Treating
Treatment [BC04, Cal76, LL72, Löw67j, Löw68j, Löw71d, Löw72f, Löw72g, Tul04, JBW87, Löw48e, Löw51e, Löw68k, LG71]. Trends [CL78, Löw88c, Car88, LSZ +98a]. Trial [Löw86d]. Tribute [Boy04, Boy05, BK04, COM89, Hof67, Kle66b, Kle66a, Löw83a, Löw87d, Rei04a, Rei04b, CGLÖ76b, LP64, Löw66h, LSZ+99b, SB02]. Tromsø [Löw90i]. Trondheim [Löw69c]. Tumors [Löw64e, Löw65h]. Tumours [Löw07b]. Two [Har76, HL65, Kol76, LS56, MC11b, HL59, Jon91, MK08, MK09, MC09, MÇ10a, MÇ10b, MÇ12, NA12, TL82, Tul04, WS92]. Two-Center [MC11b, Jon91, MK08, MK09, MC09, MÇ10a, MÇ10b, MÇ12]. Two-Electron [Kol76, LS56, NA12]. Type [Baj75, Jon88, JW89, MC11b, Bou05, JH15, Jon91, MK08, MK09, MC09, MÇ10a, MÇ10b, MÇ12, Suz92].
References

Abduln:1976:PTD


Amos:2004:EOO


Ahlenius:1973:SCC

REFERENCES


Aiken:1980:LO


Ahlberg:1976:BSR


Ahlrichs:1983:BRB


Aiken:1975:LOM


Allen:2002:LCO


Amovilli:2012:RBS

C. Amovilli and N. H. March. Relation between the Slater–Kohn–Sham orbitals generated by the one-body potential $v(r)$ of DFT


REFERENCES


REFERENCES


REFERENCES

[Brandas:2004:FWQ]

[Behera:1991:CLC]

[Berrondo:1969:POS]

[Bhatia:1986:WLO]

[Bosanac:1983:AQC]

[Bouferguene:2005:ATS]


REFERENCES

Bass:1971:DA

Bass:1971:DR

Bartlett:1976:NI

Bouguene:2006:GB

Bochevar:2007:SS

Buckingham:1965:BR
REFERENCES


REFERENCES


REFERENCES


REFERENCES


REFERENCES


REFERENCES


REFERENCES


REFERENCES

Grau:1977:ABL


Gavroglou:2012:NPN


Hall:1976:NFC


Hall:2004:POL


Harcourt:1976:CEP


Harris:2004:IEC


REFERENCES


REFERENCES

Hoffman:1967:BRB


Jansen:1977:PLS


Jones:1987:MLF


Jiao:2015:ALC


Jhon:1987:SRC

REFERENCES

Jones:1984:FTC


Jones:1988:AEM


Jones:1991:ALA


Jones:1992:LFO


Jansen:1976:CBN


Jansson:2004:TCK

REFERENCES


REFERENCES


REFERENCES

Kolos:1976:LRI


König:1968:BRB


Kornblum:1979:BRB


Kryachko:2002:OSP


Kashiwagi:1973:GLO


Kaijser:1976:ISM


Kutzelnigg:1967:BRBb


Kutzelnigg:1967:BRBa


Löwdin:1956:SSC

REFERENCES

Ladik:1976:TTD


Larsson:2004:QCL


Laskowski:1976:GCM


Lepadatu:1999:OMD


Lathouwers:1976:BBH


Lazzeretti:2004:UAI

[2004] Paolo Lazzeretti. Unified approach to intensities in vibrational spectroscopies via dynamic electromagnetic shieldings at the nuclei of a molecule. In Brändas and Kryachko [BK04], pages
REFERENCES


REFERENCES

Lowdin:1981:SDC


Lowdin:1982:PTW


Lowdin:1982:DFT


Lowdin:1982:Pc


Lowdin:1983:P


Lowdin:1972:TSB


Leopold:1976:SLC

REFERENCES


Lowdin:1989:CSA


Lowdin:1989:SPB


Lowdin:1968:EPS


Lowdin:1969:EPS


Lowdin:1971:SPT

REFERENCES


Lindgren:2004:CBM

Linderberg:2010:SIP

Lundqvist:1951:CCI

Lindner:1968:ULB

Löwdin:1970:CLB

Laskowski:1972:TCM
Bernard Laskowski and Per-Olov Löwdin. Treatment of constants of motion in the variation principle. I. Symmetry properties of


[LÖ77] Per-Olov Löwdin and Yngve Öhrn, editors. *Proceedings of the International Symposium on Atomic, Molecular, and Solid-State Theory, Collision Phenomena, and Computational Methods, held

Löwdin:1978:PISb


Löwdin:1979:PISA


Löwdin:1980:PISb

REFERENCES


REFERENCES


REFERENCES

ISSN 0020-7608 (print), 1097-461X (electronic). Quantum Chemistry Symposium No. 34.


[Löwdin:1985:Ia]


[Löwdin:1985: Ib]


[Löwdin:1985: PISc]


[Löwdin:1985: PISd]


[Löwdin:1987:I]


[Löwdin:1987:PISb]


[Löwdin:1987:PISa]

REFERENCES


[Löw39] Per-Olov Löwdin. Lorentz-transformationen och den kinematiska relativitetsprincipen. (Swedish) [The Lorentz transformation and


[Löw48d] Per-Olov Löwdin. A quantum mechanical calculation of the cohesive energy, the interionic distance, and the elastic constants of some ionic crystals. II. The elastic constants $c_{12}$ and $c_{44}$. *Arkiv för matematik, astronomi och fysik, utgivet av K. Svenska vetenskapsakademien*, 35A(30):1–18, 1948. CODEN AMAFAX. ISSN 0365–4133.
Per-Olov Löwdin. *A theoretical investigation into some properties of ionic crystals: a quantum mechanical treatment of the cohesive energy, the interionic distance, the elastic constants, and the compression at high pressures, with numerical applications to some alkali halides.* Almqvist and Wiksell, Uppsala, Sweden, 1948. xi + 126 + 1 pp. LCCN QB 498 349 (??).


REFERENCES


REFERENCES

1953. CODEN JCPA06. ISSN 0021-9606 (print), 1089-7690 (electronic). URL http://jcp.aip.org/resource/1/jcpa06/v21/ i3/p496_s1.


[Löw54e] Per-Olov Löwdin. Studies of atomic self-consistent fields. II. Interpolation problems. Quarterly Report 4, Solid-State and Molecular Theory Group, MIT, Cambridge, MA, USA, ???. 1–?? pp. Published in [Löw53c, Löw54d].

REFERENCES


[Lowdin1955:QTMa]

[Lowdin1955:QTMb]

[Lowdin1955:QTMc]

[Lowdin1956:ECT]

[Lowdin1956:QTC]
REFERENCES


[Loew58g] Per-Olov Löwdin. Some aspects of the recent development of the theory of the electronic structure of atoms. In W. O. Milligan,
REFERENCES


REFERENCES


REFERENCES


[Löw63g] Per-Olov Löwdin. Remarks in connection with the International Conference on Atomic and Molecular Quantum Mechanics in Honour of Prof. E. A. Hylleraas on Sanibel Island, January 13–19,
REFERENCES


[Lowdin:1963:SPTa]

[Lowdin:1963:WRO]

[Lowdin:1964:SPTd]

[Lowdin:1964:SPTe]

[Lowdin:1964:AQC]

[Lowdin:1964:AMW]
REFERENCES


[Löw64l] Per-Olov Löwdin. Studies in perturbation theory. III. Solution of the Schrödinger equation under a variation of a parameter. Jour-
<table>
<thead>
<tr>
<th></th>
<th>Author</th>
<th>Title</th>
<th>Journal/Book Details</th>
<th>URL</th>
<th>CODEN</th>
<th>ISSN</th>
</tr>
</thead>
<tbody>
<tr>
<td>[Löw65f]</td>
<td>Per-Olov Löwdin, editor.</td>
<td>Proceedings of the International Symposium on Atomic and Molecular Orbital Quantum Theory, Dedicated to Professor Robert Sanderson Mulliken, Sanibel Island,</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
REFERENCES


Lowdin:1965:PISb


Lowdin:1965:QGA


Lowdin:1965:QTT


Lowdin:1965:SPTTa


Lowdin:1965:SPTb


[Lowdin:1967:Pb]


[Lowdin:1967:QTT]


[Lowdin:1967:SCT]


[Lowdin:1967:SPH]


[Lowdin:1968:SACa]


[Lowdin:1968:SACb]
REFERENCES

[Lowdin:1968:AQC]


[Lowdin:1968:MAB]


[Lowdin:1968:NOP]


[Lowdin:1968:P]


[Lowdin:1968:PIS]


[Lowdin:1968:SAP]

REFERENCES


Lowdin:1970:NP


Lowdin:1970:P


Lowdin:1970:SAR


Lowdin:1970:SPI


Lowdin:1971:QCM


Lowdin:1971:SCT


Lowdin:1971:SPI

REFERENCES


REFERENCES


REFERENCES


[ Löw74c ] Per-Olov Löwdin. Mäniskan och hennes psyke i den moderna kvantteorins världsbild. (Swedish) |Man and his psyche in modern
quantum theory’s world view]. *Forskning och Praktik*, 6(??):121–125, 1974. CODEN ????. ISSN ????.


REFERENCES


REFERENCES

[International activities at the Quantum Chemistry Institute and research group at Uppsala University]. *Universen, Uppsala Universitet informerar*, 1/76:??, 1976. CODEN ???? ISSN ????

Lowdin:1976:QCU


Lowdin:1977:QTT


Lowdin:1977:STL


Lowdin:1977:AQC


Lowdin:1977:KCO


Lowdin:1977:P


[Lowdin:1977:SAA]

[Lowdin:1977:SAI]

[Lowdin:1977:SCM]


[Löw78c] Per-Olov Löwdin. “Low Temperature Physics and Cosmic Microwave Background Radiation”: the 1978 Nobel prizes in physics.
REFERENCES


Lowdin:1978:P


Lowdin:1978:QTT


Lowdin:1979:P


Lowdin:1980:PIC


Lowdin:1980:AQC


Lowdin:1980:IRN

REFERENCES


REFERENCES


REFERENCES


REFERENCES

Lowdin:1982:PTP


Lowdin:1982:Pa


Lowdin:1982:Pb


Lowdin:1983:AQM


Lowdin:1983:SCE


Lowdin:1983:SPP


Lowdin:1983:TBM

REFERENCES


Lowdin:1983:SRD


Lowdin:1984:SAR


Lowdin:1985:YSS


Lowdin:1985:AQC


Lowdin:1985:ACL

REFERENCES


REFERENCES


REFERENCES

February 25–March 1, 1985 in Palm Coast, Florida, pages 577–??

Lowdin:1986:SAQa


Lowdin:1986:P


Lowdin:1986:RAW


Lowdin:1986:SAQb


Lowdin:1986:SCM

Problems, Many Body Phenomena, and Computational Quantum Chemistry.


REFERENCES


[Löw88e] Per-Olov Löwdin. On the change of spectra associated with unbounded similarity transformations of a many-particle Hamiltonian and the occurrence of resonance states in the method of


REFERENCES


[ Löw89d] Per-Olov Löwdin. On the present situation of quantum chemistry: Chairman’s introductory remarks at the 6th International
REFERENCES


REFERENCES

Loewdin:1990:Ec


Loewdin:1990:Ec


Loewdin:1990:EC


Loewdin:1990:EC


Loewdin:1990:MC


Loewdin:1990:MC


REFERENCES


REFERENCES

Lowdin:1991:MSC


Lowdin:1991:OOA

[Löw91i] Per-Olov Löwdin. Om osäkerhetsrelationerna i akustiken och deras betydelse vid definitionen av begreppet ton. (Swedish) [On uncertainty relations in acoustics and their meaning by the definition of the concept of tone]. Invited paper at Colloquium on “Quid est Sonus - Quid est Tonus” at the Swedish Royal Academy of Music, Stockholm, February 1991.

Lowdin:1991:NMD


Lowdin:1991:HDV


Lowdin:1991:ITF


Lowdin:1991:OTS

REFERENCES


[ Löwdin:1991:TOH ] Per-Olov Löwdin. Toner och harmoni: Något om tonsystemets uppkomst och harmonilärens grunder. (Swedish) [Tone and harmony: Something about the tone systems development and the
foundations of harmony]. *Proc. of the Royal Academy of Arts and Sciences in Uppsala*, 28(?):33–??, 1991. CODEN ????. ISSN ????

[Löwdin:1992:E]


[Löwdin:1992:EPP]


[Löwdin:1992:IJQb]


[Löwdin:1992:SIH]


[Löwdin:1992:IJQa]


[Löwdin:1992:IJQe]

REFERENCES


REFERENCES


Löwdin:1993:PISb


Löwdin:1993:SRR


Löwdin:1994:IJQb


Löwdin:1994:A


Löwdin:1994:IJQa


Löwdin:1994:P

Loewdin:1994:PISa

Loewdin:1994:PISb

Loewdin:1994:SCP

Loewdin:1994:SRP

Loewdin:1995:IJQb
REFERENCES


[ Löw95g ] Per-Olov Löwdin. On fundamentals, logic, and the connection between the natural sciences. *International Journal of Quantum
REFERENCES


REFERENCES


Loewdin:1996:IJQb


Loewdin:1996:P


Loewdin:1996:PISa


Loewdin:1996:PISb


Loewdin:1996:SCP

REFERENCES


[Löw97d] Per-Olov Löwdin. Some aspects on the development of the natural sciences and their importance for modern society and for our global environment. International Journal of Quantum
REFERENCES

126


(electronic). URL http://www3.interscience.wiley.com/cgi-
bin/abstract?ID=40006316; http://www3.interscience.
wiley.com/cgi-bin/fulltext?ID=40006316&PLACEBO=IE.pdf.
Special Issue: In Honor of Lionel Goodman. Issue Edited by
Michael Kasha.

[Löw99b] Per-Olov Löwdin, editor. Proceedings of the
International Symposium on the Application of
Fundamental Theory to Problems of Biology and
Pharmacology: held at Ponce de Leon Resort, St.
Augustine, Florida, February 27–March 5, 1999,
volume 75(6) of International journal of quantum
CODEN IJQSAF. ISSN 0020-

mathematical tools to be used — binary product spaces, and
their operators, Part II. Technical Report TN 491, Kvantkemi,

mathematical tools to be used in quantum theory, 19xx.
Unpublished book manuscript.

[Löwxxc] Per-Olov Löwdin. Some aspects on the development
of the natural sciences and their importance for modern
society. ????, ??(??): ??, 19xx. Paper prepared for publication by
the National Science Council of ROC, Taiwan.

[Löwxxd] Per-Olov Löwdin. Some properties of linear
functionals and adjoint operators. ????, ??(??):??, 19xx. Ready for
publication.

ADPHAH. ISSN 0001-8732 (print), 1460-6976 (electronic).
REFERENCES


REFERENCES

Lykos:1963:DHF


Lowdin:1959:CUM


Lowdin:1951:NNC


Lowdin:1954:NEE


Lowdin:1955:LEN


Lowdin:1956:NOQ


Lowdin:1976:PI5b

[LS76] Per-Olov Löwdin and John R. Sabin, editors. Proceedings of the International Symposium on Quantum Biology and Quantum


REFERENCES

Lowdin:1981:PISb


Lowdin:1981:PISc


Lowdin:1982:PISc


Lowdin:1982:PISb


Lowdin:1983:ECa


REFERENCES


Lowdin:1988:AQC


Lowdin:1989:AQC


Lowdin:1991:AQCa


Lowdin:1992:AQCb

REFERENCES

Lowdin:1992:AQCc


Lowdin:1994:AQC


Lowdin:1995:AQC


Lowdin:1996:AQC

Lowdin:1997:AQCb


Lowdin:1997:AQCa


Lowdin:1998:AQCa


REFERENCES


REFERENCES


REFERENCES


REFERENCES


[McI76] Harold V. McIntosh. Quantization and a Green’s function for systems of linear ordinary differential equations. In Quan-
REFERENCES


Mamedov:2008:CTC


Mamedov:2009:CTCa


Macintyre:1968:EED


Micha:1983:IP


Micha:1983:PIS

REFERENCES


REFERENCES

Nagy:2012:SEE


Naidu:2004:LCO


Nagy:2012:MOR


Nye:1993:CPT


Ohno:1976:POL


Öhrn:1983:IPI

REFERENCES


REFERENCES


Panin:1982:MRCb

Panin:1983:MRCc

Panin:1984:MRC

Parr:1966:BRB

Park:2003:HQC

Park:2009:BAM

Park:2009:BAM
REFERENCES


**REFERENCES**


REFERENCES


REFERENCES


[SCC09a] Eric R. Scerri. Löwdin’s remarks on the aufbau principle and a philosopher’s view of ab initio quantum chemistry. In *Se-
REFERENCES


REFERENCES

Shull:1955:LER

Shull:1956:CSH

Shull:1958:LEV

Shull:1958:SCN

Shull:1959:SCN

Slater:1976:PSM
REFERENCES


REFERENCES


Suzuki:1990:SCL


Suzuki:1992:SCL


Smirnov:1992:CGC


Slater:19xx:B


Tchougreeff:1999:GFL


Taurian:1981:SRP


Taurian:1982:SRP

[TL82] Oscar E. Taurian and Per-Olov Löwdin. Some remarks on the projector associated with the intersection of two linear manifolds. Acta physica Academiae Scientiarum Hungaricae, 51(1–2):5–12,
REFERENCES


Tsipis:2004:ECC


Tulub:2004:CMS


UziKaldor:2004:SHE


VanLeuven:1976:DAP


Varga:1975:LPO


Vikictopic:1995:LAC

D. Vikictopic, E. D. Becker, M. Hodoscek, and A. Graovac. Löwdin atomic charges for modeling long-range deuterium-isotope shifts in C-13 NMR-spectra of binuclear aromatic compounds.
REFERENCES


Yim:1981:DFR


Zerner:1994:IPS