

# A Bibliography of Publications of Heinz Rutishauser

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## Abstract

This bibliography records publications of Heinz Rutishauser (30 January 1918–10 November 1970).

## Title word cross-reference

1 [Nak66a, Rut66a]. 2 [Nak66b, Rut66b]. **\$24.50** [G.70]. **\$3.95** [Str61]. **\$49** [I.91].  $\int e^{b(x+a \cos x)} dx$  [Rut51a, Rut51a]. *LR* [Rut58b, Rut60g, RS63, TT15]. *n* [Rut55a, Rut60e]. *QD* [AN68, Rut62c, Ban63a, Dmi13, AC10].  $R^4$  [Rut47b].

**-algorithm** [AC10, Dmi13, Rut62c]. **-Algorithmus** [Ban63a]. **-ter** [Rut55a, Rut60e]. **-th** [Rut55a, Rut60e]. **-Transformation** [Rut60g, Rut58b].

**104** [Rut62a]. **125** [Rut62b]. **135** [Sch69]. **150** [Rut63a, Rut63f]. **1960** [AGG60]. **1969** [Alb71]. **1980** [Ano80].

**2** [Rut76b, S.78].

**314** [Čul72b]. **34** [H.70]. **34-** [H.70]. **367** [Čul72a].

**50** [Gep66].

**6-ter** [HRG59a]. **60** [BBG<sup>+</sup>60, BBG<sup>+</sup>63c, BBG<sup>+</sup>63a, BBG<sup>+</sup>76, BHO<sup>+</sup>67, Bec71, Čul72b, Čul72a, Gep66, GHL67, NBB<sup>+</sup>60, NBB<sup>+</sup>63, NBB<sup>+</sup>65, NBB<sup>+</sup>97, Rut63g, Rut63h, van19]. **6th** [HRG59a]. **6x** [Rut65].

**Abbildungen** [Rut50b, Rut50c]. **Accelerating** [Rut58a]. **according** [Rut59e]. **Adjoint** [EGRS59b, Str61]. **again** [Rut68c]. **ago** [Gut07]. **Akademie** [Gep66]. **Akademie-Verlag** [Gep66]. **AI** [Rut59b, Rut59b]. **Al-Salam** [Rut59b, Rut59b]. **Algebra** [Rut66d, Rut70a, WR71]. **algebraic** [Rut59d]. **ALGOL** [BBG<sup>+</sup>63c, Bec71, Čul72b, Čul72a, Rut13, Gep66, BBG<sup>+</sup>63c, BBG<sup>+</sup>63a, BBG<sup>+</sup>63b, BBG<sup>+</sup>76, BHO<sup>+</sup>67, GHL67, NBB<sup>+</sup>60, NBB<sup>+</sup>63, NBB<sup>+</sup>65, Nau68, Rut61, Rut63g, Rut63h, Rut65, Rut13, van19, BBG<sup>+</sup>60, NBB<sup>+</sup>97]. **ALGOL-60** [BBG<sup>+</sup>76, NBB<sup>+</sup>65]. **ALGOL-procedure** [Rut61]. **Algorithm** [Ban64, Dmy15, Nak66a, Nak66b, AMM11, AC10, AL98, AN68, Ban60, Ban63a, Ban63b, Dmi13, Dmy16, Rut53, Rut54a, Rut54c, Rut54b, Rut55b, Rut56a, Rut57b, Rut62c, Rut63i, Rut68a, See82, TT15, Rut62a, Rut62b, Rut63a, Rut63f, Rut66a, Rut66b]. **algorithm** [Rut68a]. **Algorithmic** [BBG<sup>+</sup>63c, BBG<sup>+</sup>76, NBB<sup>+</sup>60, NBB<sup>+</sup>63, NBB<sup>+</sup>97, BBG<sup>+</sup>60, BBG<sup>+</sup>63a, BBG<sup>+</sup>63b, Čul72b, Čul72a, Gep66, NBB<sup>+</sup>65]. **Algorithmische** [BBG<sup>+</sup>63c, Gep66]. **Algorithmus** [Ban60, Ban63a, Ban63b, Ban64, Nak66a, Nak66b, Rut53, Rut54a, Rut54c, Rut54b, Rut55b, Rut56a, Rut57b, Rut63i, Rut66a, Rut66b, See82]. **Algoritm** [Rut60f]. **Alps** [Rut13]. **also** [Čul72b, Čul72a]. **Analogon** [Rut54c]. **analogue** [Rut54c]. **Analysis** [Par74, SRS73, Gut07]. **analytic** [Rut50b, Rut50c]. **analytical** [Rut47b]. **analytiques** [Rut47b]. **analytischen** [Rut50b, Rut50c]. **Angelitch** [G.70]. **angewandte** [Tod52]. **angewandten** [Ste69]. **Anwendung** [Ban63a]. **Anwendungen** [Rut54a]. **Anwendungsgebiete** [Sch70, Sch69]. **Application** [Ban63a]. **Applications** [Rut67f, Rut54a]. **Approach** [Fay94, WE90]. **approximate** [BR68]. **Approximation** [Rut76a]. **Arbeit** [Rut51a, Rut59b, Rut13]. **aspects** [BRS63, Rut69b]. **Association** [Čul72b]. **Aumann** [G.70]. **Ausdehnung** [Rut63b]. **Automatic** [Bec71, Sch69, Sch70, AN68, Rut51c, Rut57a, Rut52a, Rut52b]. **automatico** [AN68]. **automatische** [Rut51c, Rut52a, Rut52b]. **automatischen** [Rut57a].

**B** [Čul72b, Čul72a, Gep66, H.70, Bec71, Sch70]. **Backus** [Čul72b, Čul72a, Gep66]. **Band** [Bec71, Rut66a, Rut76a, Rut76b, Sch69, Sch70, Rut59c]. **Bandmatrix**

[Rut66a]. **Bandmatrizen** [Rut59c]. **Basel** [Str61, Tod52]. **Basic** [Rut67a]. **Bauer** [Čul72b, Čul72a, G.70, Gep66, Sch69, Sch70, Rut69b]. **Bd** [Ste69]. **Bedeutung** [Rut56a]. **Begründung** [Ban60]. **beim** [Rut57a]. **Beiträge** [Rut53]. **Bemerkungen** [Rut51a, Rut55a, Rut59b, Rut60d, Rut60e]. **Berechnung** [HRG59b, Ban57]. **Bericht** [Rut58d, BBG<sup>+</sup>63c, Gep66]. **Berlin** [Bec71, G.70, Gep66]. **Bernoulli** [AC10]. **Berücksichtigung** [Sch69, Sch70]. **Beschleunigung** [Rut58a]. **besonderer** [Sch69, Sch70]. **Besprungen** [Bec71]. **Bestimmung** [Ban63a, Rut58c, Rut55b, Rut66c]. **Betrachtungen** [Rut63c]. **Between** [Bau80]. **Beweis** [See82]. **Biografie** [Rut13]. **Biographies** [Wei88]. **biography** [Rut13]. **Biorthogonalisierungs** [Rut53]. **Biorthogonalisierungs-Algorithmus** [Rut53]. **biorthogonalization** [Rut53]. **Birkhauser** [I.91, Str61, Tod52]. **Book** [Alb71, Čul72b, Čul72a, G.70, H.70, I.91, Par74, S.78, Sch69, Sch70, Ste69, Ste78, Str61, Tod52, BSR53, BCK<sup>+</sup>69, DCR<sup>+</sup>52, GR58, HHR<sup>+</sup>68, KPS<sup>+</sup>67, LWRDR52, LRS<sup>+</sup>59, LPA<sup>+</sup>51, MKM<sup>+</sup>58, MRDJ65, PBJ<sup>+</sup>52, PRW<sup>+</sup>56, RDBG<sup>+</sup>60, RDWZ<sup>+</sup>62, RFT<sup>+</sup>57, SBRD<sup>+</sup>55, SRP52, SGR<sup>+</sup>67, SSG<sup>+</sup>63, SRDH<sup>+</sup>53, WRDG<sup>+</sup>56, WRDF<sup>+</sup>63, ZGR62, ZPS<sup>+</sup>66, vMNJ<sup>+</sup>51]. **Boston** [I.91]. **Boundary** [EGRS59b, Str61]. **Bounds** [SW81]. **Bruhat** [TT15]. **Buchbesprechung** [Gep66]. **Buchbesprechungen** [BSR53, BCK<sup>+</sup>69, DCR<sup>+</sup>52, GR58, HHR<sup>+</sup>68, KPS<sup>+</sup>67, LWRDR52, LRS<sup>+</sup>59, LPA<sup>+</sup>51, MKM<sup>+</sup>58, MRDJ65, PBJ<sup>+</sup>52, PRW<sup>+</sup>56, RDBG<sup>+</sup>60, RDWZ<sup>+</sup>62, RFT<sup>+</sup>57, SBRD<sup>+</sup>55, SRP52, SGR<sup>+</sup>67, SSG<sup>+</sup>63, SRDH<sup>+</sup>53, WRDG<sup>+</sup>56, WRDF<sup>+</sup>63, ZGR62, ZPS<sup>+</sup>66, vMNJ<sup>+</sup>51]. **Bulirsch** [G.70]. **Bulletin** [BBG<sup>+</sup>63c, BBG<sup>+</sup>63c].

**C** [Čul72b, Čul72a, Gep66]. **calcolo** [AN68]. **calcul** [Bos65, Rut64]. **calculating** [Rut51c, RSS51b, RSS51c, RSS51a, Rut52a, Rut52b, Rut64]. **calculation** [AN68, HRG59b, Rut51c, Rut52a, Rut52b, Rut57a, Ban57]. **Carlitz** [Rut59b]. **cases** [Rut63i]. **Central** [Bau80]. **Century** [MHR80]. **Certain** [Ban64, Ban63b, Rut58a]. **Certification** [Nak66a, Nak66b]. **chastnykh** [Rut60f]. **Cholbd** [Nak66a]. **Cholesky** [AL98, Rut66a]. **class** [Rut58a]. **Cliffs** [Par74]. **closed** [RS48]. **cm** [G.70, H.70, I.91]. **cm.** [Par74]. **Collection** [MHR80]. **Comment** [Rut60a]. **Comments** [Rut59b]. **Communications** [Čul72b]. **Computation** [Bec71, EGRS59b, Sch70, Bos65, Sch69, Str61]. **Computational** [Rut69b, Alb71]. **Computed** [SW81]. **Computer** [Čul72a, Neu05]. **Computing** [BBR<sup>+</sup>58, Bau80, Čul72b, MHR80, Sch81, AL98, Rut51b, RSS51b, RSS51c, RSS51a, Sor82, SF88]. **Concepts** [Rut67a]. **concernant** [SR61]. **Conclusions** [EGRS59a]. **Considerations** [Rut63c]. **contains** [RS48]. **contient** [RS48]. **Continued** [Rut58d, Rut58a]. **Contributions** [Rut65, Rut53]. **controlled** [HRG59b, Rut51c, Rut51b, RSS51b, RSS51c, RSS51a, Rut52a, Rut52b]. **Convergence** [Ban64, Rut50a, RB55, Rut58a, Rut62c]. **convergent** [Rut60g]. **cooperate** [AC10]. **Correspondence** [Rut63d]. **courbe** [RS48].

**cubically** [Rut60g]. **curve** [RS48].

**data** [GH84]. **Declarations** [Rut67b]. **Definite** [Rut66a]. **definiter** [Rut66a]. **Deflation** [Rut59d, Rut59c]. **Delimiters** [Rut60c]. **Description** [BBR<sup>+</sup>58, BHO<sup>+</sup>67, Bec71]. **detection** [AC10]. **Détermination** [RB55, Rut55d, Rut58c, Rut55d, Rut55b, RB55, Rut66c]. **determine** [Ban63a]. **determining** [Rut69a]. **Development** [Bau80]. **device** [Rut51b]. **devices** [RSS51b, RSS51c, RSS51a]. **Difference** [Ban64, Ban60, Ban63b, Rut54a, Rut54c, Rut54b, Rut55b, Rut56a, Rut57b, Rut63i, Rut68a, See82]. **Differential** [Alb71, Rut52c, Rut55a, Rut56b, Rut60e, Rut76b]. **Differentialgleichungen** [Rut55a, Rut60e, Rut76b, Rut52c]. **Differenzen** [Ban60, Ban63b, Ban64, Rut54a, Rut54c, Rut55b, Rut56a, See82, Rut54b, Rut57b, Rut63i]. **Differenzen-Algorithmus** [Ban64, Rut54b, Rut57b, Rut63i]. **Digital** [Bau80, RSS51b, RSS51c, RSS51a]. **digitale** [RSS50a, RSS50b, RSS51b, RSS51c, RSS51a, Tod52]. **Dimensional** [Dmy15, Dmi13, HRG59b]. **discussion** [Rut65]. **distributions** [Rut44]. **DM** [Bec71, H.70]. **dont** [RS48]. **dqds** [AMM11]. **d'une** [RS48, RB55, Rut55d].

**E.** [Rut66b]. **Early** [Bau80, Sch81]. **Edited** [BBG<sup>+</sup>63c]. **editor** [Čul72b]. **Effort** [Nau68]. **eigenfunctions** [HRG59a]. **Eigenfunktionen** [HRG59a]. **Eigenvalue** [Ban64, Fay94, Ban60, Ban63b, Rut58b, Rut59d, Rut76b]. **Eigenvalues** [EGRS59b, Rut66c, Ban57, Ban63a, Bos65, HRG59b, Rut55b, Rut55d, Rut58c, Rut64, Sor82, SF88, Str61, HRG59a]. **eigenvectors** [Rut55b, RB55]. **Eigenvektoren** [Rut55b]. **Eigenwerte** [Ban57, Ban63a, HRG59b, Rut55b, Rut58c, Rut66c, HRG59a]. **Eigenwertprobleme** [Ban63b, Ban64, Rut76b]. **eindimensionaler** [HRG59b]. **Einzel Darstellungen** [Sch69, Sch70]. **electronic** [RSS51b, RSS51c, RSS51a]. **elektronische** [RSS50a, RSS50b, RSS51b, RSS51c, RSS51a, Tod52]. **elementary** [Rut59d]. **Emden** [Rut51a]. **Engeli** [Str61]. **Engineer** [SS68]. **Englewood** [Par74]. **Equation** [Rut66a, Rut76a]. **equations** [Ban63a, Rut52c, Rut55a, Rut56b, Rut60e, Rut76b, Alb71]. **Erfahrungen** [Rut51b]. **Erinnerung** [BBG<sup>+</sup>63c]. **ERMETH** [Neu05, Rut55c]. **Error** [SW81]. **Erste** [Rut51b]. **Erweiterung** [Ban63b]. **Essays** [MHR80]. **estate** [GMS77]. **Europe** [Bau80]. **exact** [Zie81b, Zie81a]. **exakten** [Zie81a]. **experiences** [Rut51b, Bos65]. **experiments** [Bos65]. **Expressions** [Rut60b, Rut67c, Rut60a]. **Extension** [Ban63b, Rut63b].

**F** [Čul72b, Čul72a, G.70, Gep66, Sch69, Sch70]. **F.** [Rut69b, Sch69, Sch70]. **factorization** [AL98]. **Failures** [Nau68]. **families** [Rut47a, Rut47b, Rut50b, Rut50c]. **familles** [Rut47a, Rut47b]. **February** [AGG60]. **fermée** [RS48]. **First** [Neu05, van19, Rut51b]. **Flows** [WE90]. **Folgen** [Rut50b, Rut50c]. **fonctions** [Rut47a]. **Formel** [Rut56a]. **formula** [Rut56a]. **fr.** [Tod52]. **Fractions** [Rut58d, Rut58a]. **French**

[Bos65, Rut47a, Rut47b, RS48, RB55, Rut55d, Rut64, Rut68a, SR61].  
**functions** [AN68, HRG59a, Rut47a, Rut50b, Rut50c]. **Funktionen**  
 [HRG59a, Rut50b, Rut50c]. **funzioni** [AN68].

**G** [G.70, H.70]. **Gauss** [Rut59e, Rut59e]. **Gautschi** [I.91]. **genäherte**  
 [BR68]. **Generalization** [Dmy15, Rut58d, Dmy16]. **Generalizations**  
 [Zie81b, Dmi13, Zie81a]. **generation** [AN68]. **generazione** [AN68]. **German**  
 [I.91, BBG<sup>+</sup>63c, Ban57, Ban60, Ban63a, Ban63b, Ban64, BSR53, Bec71,  
 BCK<sup>+</sup>69, BR68, DCR<sup>+</sup>52, GMŠ77, GR58, HRG59a, HRG59b, HHR<sup>+</sup>68,  
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**gewöhnlicher** [Rut52c, Rut55a, Rut60e]. **Ginsburg** [Str61]. **glatten**  
 [Rut60d]. **Gleichungssystem** [Rut66a]. **Gleichungssysteme** [Rut76a].  
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 [Bec71]. **Green** [Čul72b, Čul72a, Gep66]. **Grundlehren**  
 [Bec71, Sch69, Sch70]. **Gutknecht** [S.78].

**H** [Alb71, Bec71, Čul72b, Čul72a, G.70, Gep66, H.70, Par74, Sch69, Sch70,  
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 [Par74]. **Handbook** [Rut66d, Rut70a, Bec71, Sch69, Sch70]. **Hans** [S.78].  
**Hans-Rudolf** [S.78]. **Heidelberg** [Bec71]. **Heinz** [Anoxx, GMŠ77, Rut13,  
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**Hg** [Sch70]. **High** [Rut13]. **Hilfe** [Rut55b]. **Hilfsmittel** [G.70, SS68]. **Hill**  
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**ibid** [Čul72a]. **ihre** [Rut56a]. **II** [RSS50b]. **III** [G.70, RSS51b, SS68].  
**improvement** [Rut50a]. **infinitesimal** [Rut54c]. **infinitesimales** [Rut54c].  
**Ingenieurs** [G.70, SS68]. **Input** [Rut67d]. **Insights** [van19]. **Instabilität**  
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[EGRS59b, RB55, Str61, RB55]. **IV** [RSS51c].

**J** [Čul72b, Čul72a, G.70, Gep66, Par74, Sch69, Sch70]. **J.** [Čul72b, Čul72a].  
**Jacobi** [GH84, Rut62a, Rut63e, Rut66d, Rut66e, Rut71a]. **Jordan** [Rut59e].  
**Journal** [Čul72a]. **justification** [Ban60].

**K.** [Rut51a, Rut51b]. **Katz** [Čul72b, Čul72a, Gep66]. **Kentniss** [Rut53].  
**Kerner** [Gep66]. **Kettenbrüche** [Rut58d]. **Kettenbrüchen** [Rut58a].  
**Klasse** [Rut58a]. **konvergente** [Rut60g]. **Konvergenz** [Ban64, Rut58a].  
**Konvergenzverbesserung** [Rut50a]. **kubisch** [Rut60g]. **Kugelfläche**  
[Rut44]. **Kunzi** [G.70].

**L** [Čul72b, Čul72a, G.70, Gep66, Rut69b, Sch69, Sch70]. **L’algoritmo**  
[AN68]. **Lanczos** [Rut53]. **Langmaack** [Bec71]. **Language**  
[BBG<sup>+</sup>63c, BBG<sup>+</sup>76, BBR<sup>+</sup>58, NBB<sup>+</sup>60, NBB<sup>+</sup>63, NBB<sup>+</sup>97, BBG<sup>+</sup>60,  
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**M** [Čul72b, Čul72a, Gep66, Str61]. **Machinery** [Čul72b]. **machines**  
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**matrice** [RB55, Rut55d]. **Matrices**  
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**Matrizen-Numerik** [RSS68]. **Matrizeninversion** [Rut59e]. **McCarthy**  
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[Alb71, EGRS59b, Rut59a, Rut52c, Rut56b, Str61]. **metomorphic** [Rut47a].  
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**Modified** [BBG<sup>+</sup>76, Sor82, SF88]. **molecular** [HRG59b]. **Molekel**

[HRG59b]. **Molekel-Modelle** [HRG59b]. **Moore** [Zie81a, Zie81b, Zie81a]. **multidimensional** [Dmy16]. **My** [Bau02, Bau03, Bau11].

**N** [Par74]. **nach** [Rut59e, Rut66a, Rut66b]. **Nachlass** [GMŠ77]. **Naur** [Čul72b, Čul72a, Gep66, AGG60, BBG+63c]. **nel** [AN68]. **Newton** [Rut50a]. **Newtonsche** [Rut50a]. **No** [BBG+63c, Čul72a, Tod52]. **non** [Rut64]. **note** [AMM11, Kas57]. **Notes** [Rut60d, SR61]. **Nullstellenbestimmung** [Rut69a]. **Numerical** [Gut07, I.91, Rut68a, Rut90, SRS73, BRS63, Bos65, Rut55a, Rut60e, Rut76a, Rut76b, SR61, GMŠ77, Par74]. **numerically** [GH84]. **numerics** [RSS68, RSS68, RSS72, Rut13]. **Numerik** [Ste69, H.70, RSS68, RSS72, Rut13, Alb71]. **numérique** [SR61]. **numériques** [Bos65, Rut68a]. **Numerische** [Čul72b, Čul72a, S.78, Rut76a, Rut76b, Ste78, GMŠ77]. **numerischen** [Rut55a, Rut60e].

**O** [Gep66]. **October** [Ano80]. **Oh** [Wei88]. **Old** [van19]. **Oliver** [Sch70]. **Olver** [Sch69]. **Once** [Rut68c]. **one** [HRG59b]. **one-dimensional** [HRG59b]. **Operatoren** [Ban63b, Ban64]. **Operators** [Ban64, Ban63b]. **order** [Rut55a, Rut60e]. **ordinary** [Rut52c, Rut55a, Rut56b, Rut60e]. **Ordnung** [Rut55a, Rut60e]. **ornach** [Nak66b]. **Orthogonal** [Rut66c]. **orthogonaler** [Rut66c]. **Orthonormalization** [Rut66b]. **Orthonormierung** [Rut66b]. **oscillator** [HRG59a]. **Oszillators** [HRG59a]. **Output** [Rut67d]. **overrelaxation** [EGRS59c].

**P** [BBG+63c, Čul72b, Čul72a, G.70, Gep66, Par74]. **P**. [BBG+63c]. **Part** [Bec71, Sch70, Rut76a, SS68]. **Partial** [Alb71]. **patterns** [Rut63e]. **Penrose** [Zie81b, Zie81a]. **Penrose-Inversen** [Zie81a]. **Perlis** [Čul72b, Čul72a, Gep66]. **Peter** [S.78, AGG60]. **Pioneers** [Wei88]. **plan** [Rut51c, Rut52a, Rut52b]. **plusieurs** [Rut47a]. **point** [Rut44]. **Polynomen** [Rut69a]. **polynomials** [Rut69a]. **positiv** [Rut66a]. **positiv-definit** [Rut66a]. **Positive** [Rut66a]. **Potenz** [HRG59a]. **pour** [Bos65, Rut55d, Rut64]. **power** [HRG59a]. **pp** [Čul72b, Čul72a, G.70, H.70, I.91, Par74, Str61, Tod52]. **Preis** [Gep66]. **Preliminary** [AGG60, Rut58d]. **Prentice** [Par74]. **Prentice-Hall** [Par74]. **preparatory** [Rut57a]. **Price** [G.70, H.70, I.91]. **principle** [Rut63b]. **Prinzips** [Rut63b]. **problem** [Rut68c, Rut69a]. **Problematik** [Rut69a]. **Problems** [Ban64, EGRS59b, Fay94, Ban60, Ban63b, Rut58b, Rut59d, Rut76b, Str61]. **procedure** [Rut61, HRG59b]. **Procedures** [Rut63h, Rut67g, GMŠ77, Rut63g]. **Processes** [BBR+58]. **production** [Rut51c, Rut52a, Rut52b]. **program** [HRG59b, Rut51c, Rut51b, Rut52a, Rut52b, RSS51b, RSS51c, RSS51a]. **program-controlled** [HRG59b, Rut51c, Rut51b, Rut52a, Rut52b, RSS51b, RSS51c, RSS51a].

**Programmgesteuerte** [RSS50a, RSS50b, RSS51b, RSS51c, RSS51a, Tod52].  
**programmgesteuerten** [HRG59b, Rut51c, Rut51b, Rut52a, Rut52b].  
**Programming** [Rut55c]. **Programs** [van19]. **proof** [See82]. **properties**  
[Rut68a]. **Proposal** [BBR<sup>+</sup>58]. **propres** [Bos65, RB55, Rut55d, Rut64].  
**propriétés** [Rut68a]. **Prozeduren** [GMŠ77]. **Punktverteilungen** [Rut44].

**qd** [Dmy15, Dmy16]. **qd-Algorithm** [Dmy15, Dmy16]. **quadratic** [RB55].  
**quadratique** [RB55]. **Quadratur** [BR68]. **quadrature** [BRS63, BR68].  
**Quadratwurzeleriteration** [Rut63c]. **Quelques** [Bos65]. **Quotient**  
[Ban64, Ban60, Ban63b, Rut54a, Rut54c, Rut54b, Rut55b, Rut56a, Rut57b,  
Rut63i, Rut68a, See82]. **quotient-difference** [Ban60]. **Quotienten**  
[Ban60, Ban63b, Ban64, Rut54b, Rut57b, Rut63i, Rut54a, Rut54c, Rut55b,  
Rut56a, See82]. **Quotienten-Differenzen-Algorithmus**  
[Ban60, Ban63b, Rut54a, Rut54c, Rut55b, Rut56a, See82].

**R** [Alb71, G.70, H.70, Par74, Ste69]. **R.** [G.70]. **radius** [RS48]. **rayon** [RS48].  
**raznostei** [Rut60f]. **Real** [Rut71a, Ban57, Rut66d, Rut66e, SF88].  
**Rechenggerät** [Rut51b]. **Rechenggeräte**  
[RSS50a, RSS50b, RSS51b, RSS51c, RSS51a, Tod52]. **Rechenmaschinen**  
[RSS50a, RSS50b, RSS51b, RSS51c, RSS51a, Tod52, Rut51c, Rut52a, Rut52b].  
**Rechenplanfertigung** [Rut51c, Rut52a, Rut52b]. **Rechnen** [Rut57a].  
**reconstruction** [GH84]. **Recursive** [Rut63h, Rut63g]. **Reduction** [Rut62a].  
**reellen** [Ban57]. **Refined** [EGRS59b, Str61]. **Regeln** [See82]. **relations**  
[Rut60a, Rut60b]. **Reliable** [AC10]. **Remark** [Rut60c, Rut63f]. **Remarks**  
[Rut51a, Rut55a, Rut60e]. **Remarques** [SR61]. **Report**  
[AGG60, BBG<sup>+</sup>60, BBG<sup>+</sup>76, NBB<sup>+</sup>60, NBB<sup>+</sup>63, NBB<sup>+</sup>97, Rut58d,  
BBG<sup>+</sup>63a, BBG<sup>+</sup>63b, Čul72a, NBB<sup>+</sup>65, BBG<sup>+</sup>63c, Čul72b, Gep66].  
**representations** [Rut47b, Rut47b]. **Review** [Čul72b, Čul72a, G.70, H.70,  
I.91, Par74, S.78, Sch69, Sch70, Ste69, Ste78, Str61, Tod52]. **reviews**  
[Alb71, BSR53, BCK<sup>+</sup>69, DCR<sup>+</sup>52, GR58, HHR<sup>+</sup>68, KPS<sup>+</sup>67, LWRDR52,  
LRS<sup>+</sup>59, LPA<sup>+</sup>51, MKM<sup>+</sup>58, MRDJ65, PBJ<sup>+</sup>52, PRW<sup>+</sup>56, RDBG<sup>+</sup>60,  
RDWZ<sup>+</sup>62, RFT<sup>+</sup>57, SBRD<sup>+</sup>55, SRP52, SGR<sup>+</sup>67, SSG<sup>+</sup>63, SRDH<sup>+</sup>53,  
WRDG<sup>+</sup>56, WRDF<sup>+</sup>63, ZGR62, ZPS<sup>+</sup>66, vMNJ<sup>+</sup>51, Bec71]. **Revised**  
[BBG<sup>+</sup>63a, BBG<sup>+</sup>63b, NBB<sup>+</sup>63, NBB<sup>+</sup>65, NBB<sup>+</sup>97, Čul72a]. **Romberg**  
[Rut63b]. **Rombergschen** [Rut63b]. **root** [AC10, Rut63c]. **rotation**  
[Rut63e]. **rotations** [Rut59d]. **Rudolf** [S.78]. **rule** [See82]. **Russian**  
[NBB<sup>+</sup>65]. **Ruthishauser** [Tod52]. **Rutishauser** [Alb71, Ban60, Ban63a,  
Ban63b, Ban64, Bec71, Čul72b, Čul72a, G.70, Gep66, H.70, I.91, Par74, S.78,  
Sch69, Sch70, Ste69, Str61, Zie81a, AMM11, AC10, AL98, Ano80, Ano10,  
Anoxx, AN68, Ban57, Ban60, Ban63a, Ban63b, Ban64, Bau71, Bau80, Bau02,  
Bau03, Bau05, Bau11, Bos65, Dmi13, Dmy15, Dmy16, Fay94, GMŠ77, Kas57,  
OR10, Rut13, See82, Sor82, SF88, Ste78, TT15, WE90, Zie81b, Zie81a].

**S** [Bec71, Gep66, Sch69, Sch70]. **Salam** [Rut59b, Rut59b]. **Samelson**



[Čul72b, Čul72a, G.70, Gep66, Sch69, Sch70]. **Sauer** [G.70]. **Scharen** [Rut50b, Rut50c]. **schiefsymmetrischer** [Rut58c]. **Schmidt** [Rut66b]. **Schwarz** [Alb71, H.70, Par74, S.78, Ste69]. **Schweizer** [Rut13]. **Self** [EGRS59b, WE90, Str61]. **Self-Adjoint** [EGRS59b, Str61]. **Self-Similar** [WE90]. **sequences** [Rut47a, Rut47b, Rut50b, Rut50c]. **Series** [Rut66d, Rut70a]. **several** [Rut47a, Rut50b, Rut50c]. **shift** [AMM11, AL98]. **Similar** [WE90]. **Simultaneous** [Rut70a, Rut70b, Rut71b, Rut69b]. **singular** [AMM11]. **skew** [Rut58c]. **skew-symmetric** [Rut58c]. **smooth** [Rut60d]. **Solution** [EGRS59b, Rut58b, Rut51a, Rut59d, Str61]. **Some** [Rut55c, Bos65]. **Sonderfälle** [Rut63i]. **sowie** [Rut50b, Rut50c]. **special** [AN68, Rut63i]. **speciali** [AN68]. **spectral** [GH84]. **Speiser** [Tod52]. **sphere** [RS48, RS48]. **spherical** [Rut44]. **Sprache** [BBG<sup>+</sup>63c, Gep66]. **Springer** [G.70, Bec71]. **Springer-Verlag** [G.70, Bec71]. **square** [Rut63c, Rut68c]. **Stabile** [Rut63i]. **stable** [GH84, Rut63i]. **Statements** [Rut67h]. **Stiefel** [Alb71, H.70, Par74, Sch69, Sch70, Ste69, Str61, Tod52]. **Stoer** [G.70]. **strategy** [AL98]. **Structure** [van19]. **Stuttgart** [H.70, Str61]. **Subspaces** [SW81]. **Successes** [Nau68]. **suites** [Rut47a, Rut47b]. **Superfluous** [Rut60c]. **Supplement** [BBG<sup>+</sup>63c]. **surface** [Rut44, RS48]. **SVD** [AL98]. **Swiss** [Tod52, Neu05, Rut13]. **Switzerland** [Sch81]. **symétriques** [Rut64]. **Syminv2** [Rut63a, Rut63f]. **Symmetric** [Par74, Rut66a, Rut71a, SRS73, Rut58c, RS63, Rut66d, Rut66e, RSS68, Rut70a, Rut70b, Rut71b, RSS72, Sor82, SF88]. **Symmetrischer** [Alb71, H.70, Rut66a, RSS68, RSS72, Ste69]. **Symposium** [Ano80]. **System** [van19]. **Systems** [Rut66a, Rut76a]. **Szabo** [G.70].

**T** [G.70]. **teaching** [GMS77]. **Techniques** [Rut55c]. **Teil** [SS68]. **ter** [HRG59a, Rut55a, Rut60e]. **Test** [Rut68b, Zie81b, Zie81a]. **Testmatrix** [Zie81a]. **Teubner** [H.70]. **Th** [Str61, Rut55a, Rut60e]. **theorem** [Kas57]. **Theory** [Rut59a]. **thermodynamic** [HRG59a]. **thermodynamische** [HRG59a]. **tools** [SS68]. **transformation** [Rut58b, Rut60g, RS63, Rut60g]. **translated** [I.91, Par74]. **Translation** [Bec71, GHL67]. **tridiagonal** [SF88]. **Turanski** [BBG<sup>+</sup>63c, BBG<sup>+</sup>63c]. **Twentieth** [MHR80]. **Two** [Dmi13, Dmy15]. **Two-Dimensional** [Dmy15, Dmi13]. **type** [Rut62c].

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**valeurs** [Bos65, Rut55d, Rut64]. **Value** [EGRS59b, Str61]. **values** [AMM11]. **Variablen** [Rut50b, Rut50c]. **variables** [Rut47a, Rut50b, Rut50c]. **variant** [Rut60g]. **Variante** [Rut60g]. **Vauquois** [Čul72b, Čul72a, Gep66]. **vecteurs** [RB55]. **Vectors** [Rut66b]. **Vektoren** [Rut66b]. **Verallgemeinerung** [Rut58d]. **Verallgemeinerungen** [Zie81a]. **Verfahren** [Ban57, HRG59b]. **Verlag** [G.70, Gep66, H.70, Str61, Bec71]. **vi** [Gep66]. **Vol**

[Bec71, Sch69, Sch70, Čul72b, Čul72a]. **Vols** [S.78]. **Volume** [Rut76b]. **Vorbereitungsarbeit** [Rut57a]. **Vorläufiger** [Rut58d]. **Vorlesungen** [S.78, Rut76a, Rut76b, Ste78].

**W** [Čul72b, Čul72a, Gep66, Sch70]. **Walter** [I.91]. **Wegstein** [Čul72b, Čul72a, Gep66]. **Weightcoeff** [Rut62b]. **well** [Rut50b, Rut50c]. **whose** [RS48]. **Wijngaarden** [Čul72b, Čul72a]. **Wijngarden** [Gep66]. **William** [BBG<sup>+</sup>63c, BBG<sup>+</sup>63c]. **Wissenschaften** [Bec71, Sch69, Sch70]. **Woodger** [Čul72b, Čul72a, Gep66]. **work** [Rut51a, Rut57a, Rut59b, Rut13]. **Wronski** [Rut56a, Rut56a].

**X** [Bec71]. **xi** [Par74]. **XII** [Bec71]. **xv** [I.91]. **xviv** [G.70].

**year** [Bau03]. **Years** [Sch81, Bau02, Bau11, Gut07]. **York** [Bec71]. **Young** [EGRS59c].

**Z4** [Rut51b, Rut51b]. **zeros** [Rut69a]. **Zertifikat** [Nak66a, Nak66b]. **zum** [Rut54c]. **Zur** [BBG<sup>+</sup>63c, Rut13, Ban63a, HRG59b, Rut51a, Rut52c, Rut53, Rut55a, Rut60d, Rut60e, Rut63c, Ban60, Rut58c, Rut59e, Rut69a]. **Zurich** [Ano80, Gut07]. **Zuse** [Bau80, Rut51b].

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