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]. $\int e^{b(x+a\ cosx)}\,dx$ [Rut51a, Rut51a]. LR [Fra61, Rut58b, Rut60j, RS63, TT15]. n [Rut55a, Rut60e]. QD [AN68, Rut62g, Ban63a, Dmi13, AC10]. QR [Fra61, Fra62]. R^4 [Rut47b].

-algorithm [AC10, Dmi13, Rut62g]. **-Algorithmus** [Ban63a]. **-ter** [Rut55a, Rut60e]. **-th** [Rut55a, Rut60e]. **-Transformation** [Rut60j, Rut58b].

10.1.3 [Rut60i]. **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$^+$60a, BBG$^+$60b, BBG$^+$63c, BBG$^+$63a, BBG$^+$76, BHO$^+$67, Bec71, Čul72b, Čul72a, Gep66, GHL67, NBB$^+$60, NBB$^+$63, NBB$^+$65, NBB$^+$97, Rut63g, Rut63h, van19]. **6th** [HRG59a]. **6x** [Rut65].

AB19.3.10 [Myr65]. **Abbildungen** [Rut50b, Rut50c]. **Accelerating** [Rut58a]. **according** [Rut59e]. **Acquisition** [Spe98, Spe99]. **Adjoint** [EGRS59b, Str61]. **again** [Rut68c]. **ago** [Gut07]. **Akademie** [Gep66]. **Akademie-Verlag** [Gep66]. **Al** [Rut59b, Rut59b]. **Al-Salam** [Rut59b, Rut59b]. **Algebra** [Rut66d, Rut70a, WR71]. **algebraic** [Rut59d]. **ALGOL** [BBG$^+$63c, Bec71, Čul72b, Čul72a, Rut13, Gep66, BBG$^+$63c, BBG$^+$63a, BBG$^+$63b, BBG$^+$76, BHO$^+$67, GHL67, Nau60, NBB$^+$60, NBB$^+$63, NBB$^+$65, Nau68, Rut60b, Rut61, Rut63g, Rut63h, Rut65, Rut13, van19, BBG$^+$60a, BBG$^+$60b, NBB$^+$97]. **ALGOL-60** [BBG$^+$76, NBB$^+$65]. **ALGOL-procedure** [Rut61]. **Algorithm** [Ban64, Dmy15, Nak66a, Nak66b, AMM11, AC10, AL98, AN68, Ban60, Ban63a, Ban63b, Dmi13, Dmy16, Rut53, Rut54a, Rut54c, Rut54b, Rut55b, Rut56a, Rut57b, Rut57c, Rut62g, Rut63i, Rut68a, See82, TT15, Rut62a, Rut62b, Rut63a, Rut63f, Rut66a, Rut66b]. **algorithme** [Rut68a]. **Algorithmic** [BBG$^+$63c, BBG$^+$76, NBB$^+$60, NBB$^+$63, NBB$^+$97, BBG$^+$60a, BBG$^+$60b, BBG$^+$63a, BBG$^+$63b, Čul72b, Čul72a, Gep66, NBB$^+$65]. **Algorithmische** [BBG$^+$63c, Gep66]. **Algorithmus** [Ban60, Ban63a, Ban63b, Ban64, Nak66a, Nak66b, Rut53, Rut54a, Rut54c, Rut54b, Rut55b, Rut56a, Rut57b, Rut57c, Rut63i, Rut66a, Rut66b, See82]. **Algoritm** [Rut60g]. **Alps** [Rut13]. **also** [Čul72b, Čul72a]. **Analogon** [Rut54c]. **Analogue** [Fra61, 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]. **Architectures** [RH00]. **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]. **Beitrage** [Rut53]. **Bemerkungen** [Rut51a, Rut55a, Rut59b, Rut60d, Rut60e]. **Berechnung** [HRG59b, Ban57]. **Bericht** [Rut58d, BBG$^+$63c, Gep66]. **Berlin** [Bec71, G.70, Gep66]. **Bernoulli** [AC10]. **Berücksichtigung** [Sch69, Sch70]. **Beschleunigung** [Rut58a]. **besonderer** [Sch69, Sch70]. **Besprungen** [Bec71]. **Bestimmung** [Ban63a, Rut58c, Rut55b, Rut66c]. **Betrachtungen** [Rut63c]. **Between** [Bau80]. **Beweis** [See82]. **Biografie** [Rut13]. **Biographies** [Wei88]. **biography** [Rut13]. **Biorthogonalisierungs** [Rut53]. **Biorthogonalisierungs-Algorithmus** [Rut53]. **biorthogonalization** [Rut53]. **Birkhauser** [I.91, Str61, Tod52]. **Book** [Alb71, Čul72b, Čul72a, G.70, H.70, I.91, Par74, S.78, Sch69, Sch70, Ste69, Ste78, Str61, Tod52, BSR53, BCK$^+$69, DCR$^+$52, GR58, HHR$^+$68, KPS$^+$67, LWRDR52, LRS$^+$59, LPA$^+$51, MKM$^+$58, MRDJ65, PBJ$^+$52, PRW$^+$56, RDBG$^+$60, RDWZ$^+$62, RFT$^+$57, SBRD$^+$55, SRP52, SGR$^+$67, SSG$^+$63, SRDH$^+$53, WRDG$^+$56, WRDF$^+$63, ZGR62, ZPS$^+$66, vMNJ$^+$51]. **Boston** [I.91]. **Boundary** [EGRS59b, Str61]. **Bounds** [SW81]. **Bruhat** [TT15]. **Buchbesprechung** [Gep66]. **Buchbesprechungen** [BSR53, BCK$^+$69, DCR$^+$52, GR58, HHR$^+$68, KPS$^+$67, LWRDR52, LRS$^+$59, LPA$^+$51, MKM$^+$58, MRDJ65, PBJ$^+$52, PRW$^+$56, RDBG$^+$60, RDWZ$^+$62, RFT$^+$57, SBRD$^+$55, SRP52, SGR$^+$67, SSG$^+$63, SRDH$^+$53, WRDG$^+$56, WRDF$^+$63, ZGR62, ZPS$^+$66, vMNJ$^+$51]. **Building** [Bru20a]. **Bulirsch** [G.70]. **Bulletin** [BBG$^+$63c, BBG$^+$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]. **called** [Rut62h]. **Carlitz** [Rut59b]. **cases** [Rut63i]. **Central** [Bau80]. **Century** [MHR80]. **Certain** [Ban64, Ban63b, Rut58a]. **Certification** [Nak66a, Nak66b]. **chastnykh** [Rut60g]. **Cholbd** [Nak66a]. **Cholesky** [AL98, Rut66a]. **class** [Rut58a]. **Cliffs** [Par74]. **closed** [RS48]. **cm** [G.70, H.70, I.91]. **cm.** [Par74]. **Collection** [MHR80]. **Comment** [Rut60f, Rut60a, Rut62c, Rut62d, Rut62e, Rut62f, Rut62c]. **Comments** [Myr65, Rut59b]. **Committee** [Nau60]. **Communications** [Čul72b]. **compound** [Rut62d]. **Computation** [Bec71, EGRS59b, Sch70, Bos65, Sch69, Str61]. **Computational** [Rut69b, Alb71]. **Computed** [SW81]. **Computer** [Bru20a, CRB24, Čul72a, Neu05, MKS98]. **Computers** [RH00]. **Computing** [BBR$^+$58, Bau80, Bru17, Čul72b, MHR80, Sch81, AL98, Roj98, Rut51b, RSS51b, RSS51c, RSS51a, Sor82, SF88]. **Concepts** [Rut67a]. **concernant** [SR61]. **Conclusions** [EGRS59a]. **Considerations** [Rut63c]. **contains** [RS48]. **contient** [RS48]. **Continued** [Rut58d, Rut58a]. **Contributions**

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data [GH84]. **Declarations** [Rut67b]. **Definite** [Rut66a]. **definiter** [Rut66a]. **Deflation** [Rut59d, Rut59c]. **Delimiters** [Rut60c]. **Description** [BBR$^+$58, BHO$^+$67, Bec71]. **detection** [AC10]. **Détermination** [RB55, Rut55d, Rut58c, Rut55d, Rut55b, RB55, Rut66c]. **determine** [Ban63a]. **determining** [Rut69a]. **Development** [Bau80]. **device** [Rut51b]. **Devices** [Bru17, RSS51b, RSS51c, RSS51a]. **Difference** [Ban64, Ban60, Ban63b, Rut54a, Rut54c, Rut54b, Rut55b, Rut56a, Rut57b, Rut57c, 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, Rut57c, Rut63i]. **Differenzen-Algorithmus** [Ban64, Rut54b, Rut57b, Rut57c, Rut63i]. **Digital** [Bau80, Bru20a, RSS51b, RSS51c, RSS51a]. **digitale** [RSS50a, RSS50b, RSS51b, RSS51c, RSS51a, Tod52]. **Dimensional** [Dmy15, Dmi13, HRG59b]. **Discovery** [Bru17]. **discussion** [Rut65]. **distributions** [Rut44]. **division** [Rut62e]. **DM** [Bec71, H.70]. **Documents** [Bru17]. **dont** [RS48]. **dqds** [AMM11]. **dummy** [Rut60f]. **d'une** [RS48, RB55, Rut55d].

E. [Rut66b]. **Early** [Bau80, Bru17, Sch81, Spe98, Spe99]. **Edited** [BBG$^+$63c]. **editor** [Čul72b]. **Effort** [Nau68]. **eigenfunctions** [HRG59a]. **Eigenfunktionen** [HRG59a]. **Eigenvalue** [Ban64, Fay94, Ban60, Ban63b, Rut58b, Rut59d, Rut76b]. **Eigenvalues** [EGRS59b, Rut66c, Ban57, Ban63a, Bos65, HRG59b, Rut55b, Rut55d, Rut58c, Rut64, Sor82, SF88, Str61, HRG59a]. **eigenvectors** [Rut55b, RB55]. **Eigenvektoren** [Rut55b]. **Eigenwerte** [Ban57, Ban63a, HRG59b, Rut55b, Rut58c, Rut66c, HRG59a]. **Eigenwertprobleme** [Ban63b, Ban64, Rut76b]. **eindimensionaler** [HRG59b]. **Einzeldarstellungen** [Sch69, Sch70]. **electronic** [RSS51b, RSS51c, RSS51a]. **elektronische** [RSS50a, RSS50b, RSS51b, RSS51c, RSS51a, Tod52]. **elementary** [Rut59d]. **Emden** [Rut51a]. **Engeli** [Str61]. **Engineer** [SS68]. **Englewood** [Par74]. **Equation** [Rut66a, Rut76a]. **equations** [Ban63a, Rut52c, Rut55a, Rut56b, Rut60e, Rut76b, Alb71]. **Erfahrungen** [Rut51b]. **Erinnerung** [BBG$^+$63c]. **ERMETH** [Neu05, Rut55c, Spe98, Spe99, Bru20a]. **Error** [SW81]. **Erste** [Rut51b]. **Erweiterung** [Ban63b]. **Essays** [MHR80]. **estate** [GMŠ77]. **estimation** [MKS98]. **Europe** [Bau80]. **evaluation** [Rut62f]. **exact** [Zie81b, Zie81a].

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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$^+$63c, Ban57, Ban60, Ban63a, Ban63b, Ban64, BSR53, Bec71, BCK$^+$69, BR68, DCR$^+$52, GMŠ77, GR58, HRG59a, HRG59b, HHR$^+$68, KPS$^+$67, LWRDR52, LRS$^+$59, LPA$^+$51, MKM$^+$58, MRDJ65, Nak66a, Nak66b, PBJ$^+$52, PRW$^+$56, Roj98, RDBG$^+$60, RDWZ$^+$62, Rut44, Rut50b, Rut50c, Rut50a, Rut51c, Rut51a, Rut51b, RSS51b, RSS51c, RSS51a, Rut52a, Rut52b, Rut52c, Rut53, Rut54a, Rut54c, Rut54b, Rut55b, Rut55a, Rut56a, RFT$^+$57, Rut57b, Rut57c, Rut57a, Rut58c, Rut58a, Rut59b, Rut59c, Rut59e, Rut60d, Rut60e, Rut60j, Rut63b, Rut63c, Rut63i, Rut66a, Rut66b, Rut66c, RSS68, Rut69a, RSS72, Rut76a, Rut76b, Rut13, Rut58d, SS68, SBRD$^+$55, SRP52, See82, SGR$^+$67, SSG$^+$63, SRDH$^+$53, WRDG$^+$56, WRDF$^+$63, ZGR62, Zie81a, ZPS$^+$66]. **German** [vMNJ$^+$51]. **gewissen** [Rut58a]. **gewisser** [Ban63b, Ban64]. **gewöhnlicher** [Rut52c, Rut55a, Rut60e]. **Ginsburg** [Str61]. **glatten** [Rut60d]. **Gleichungssystem** [Rut66a]. **Gleichungssysteme** [Rut76a]. **Gradient** [Rut59a]. **Graeffe** [Rut62g]. **Graeffe-type** [Rut62g]. **Grau** [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, Ste69, Str61, Tod52]. **H.** [H.70, Myr65, Par74, Ste69]. **Hadamard** [AC10]. **Hall** [Par74]. **Handbook** [Rut66d, Rut70a, Bec71, Sch69, Sch70]. **Hans** [S.78]. **Hans-Rudolf** [S.78]. **Heidelberg** [Bec71]. **Heinz** [Anoxx, GMŠ77, Rut13, Ste78, Ano10, Bau71, Bau05, GMŠ77, I.91, OR10, Rut13, S.78]. **help** [Rut55b]. **Helped** [CRB24]. **Henrici** [S.78]. **Herausgegeben** [BBG$^+$63c]. **Hertelendy** [Par74]. **Hg** [Sch70]. **High** [Rut13]. **Hilfe** [Rut55b]. **Hilfsmittel** [G.70, SS68]. **Hill** [Bec71]. **History** [Bru17, MHR80, RH00]. **Hochalpen** [Rut13]. **Householder** [Sch69, Sch70].

ibid [Čul72a]. **IBM** [CRB24]. **ihre** [Rut56a]. **II** [RSS50b]. **III** [G.70, RSS51b, SS68]. **imperfections** [Rut60b]. **improvement** [Rut50a]. **Industry** [Bru20b]. **infinitesimal** [Rut54c]. **infinitesimales** [Rut54c]. **Ingenieurs** [G.70, SS68]. **Input** [Rut67d]. **Insights** [van19]. **Instabilität** [Rut52c]. **instability** [Rut52c, Rut56b]. **Institut** [Tod52]. **Institute** [Spe98, Spe99]. **integral** [Ban63a]. **Integralgleichungen** [Ban63a]. **integrating** [Rut52c]. **Integration** [Rut52c, Rut55a, Rut60e, Rut56b, SR61, SR61]. **Interference** [Rut61]. **Interpolation** [Rut76a, Rut60d, BR68, Rut60d]. **Introduction** [Rut67e]. **Invariant** [SW81]. **Inversen** [Zie81a]. **inverses** [Zie81b, Zie81a]. **inversion** [Rut59e]. **Italian** [AN68]. **iteration** [Rut63c, Rut69b, Rut70a, Rut70b, Rut71b, TT15]. **Iterative** [EGRS59b, RB55, Str61, RB55]. **IV** [RSS51c].

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L [Čul72b, Čul72a, G.70, Gep66, Rut69b, Sch69, Sch70]. **L'algoritmo** [AN68]. **Lanczos** [Rut53]. **Langmaack** [Bec71]. **Language** [BBG$^+$63c, BBG$^+$76, BBR$^+$58, NBB$^+$60, NBB$^+$63, NBB$^+$97, BBG$^+$60a, BBG$^+$60b, BBG$^+$63a, BBG$^+$63b, Čul72b, Čul72a, Gep66, NBB$^+$65]. **Lauchli** [S.78]. **least** [Rut68c]. **Lectures** [Rut90, I.91, Rut76a, Rut76b]. **Lehre** [GMŠ77]. **Leitfaden** [Ste69]. **Letter** [Nau60, Rut60b]. **Letters** [AGG60]. **Linear** [Ban64, Rut66a, Rut66d, Rut70a, WR71, Ban63b, HRG59a]. **linearen** [HRG59a]. **linearer** [Ban63b, Ban64]. **Lineares** [Rut66a]. **Lösung** [Rut51a]. **Ludgate** [CRB24].

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Matrix [Ban57, Rut55b, Rut66a, RSS68, Ban60, RB55, Rut55d, Rut59e, Zie81b, Zie81a]. **Matrixeigenwertprobleme** [Ban60]. **Matrizen** [RSS68, Ste69, H.70, Rut58c, Rut66c, RSS68, RSS72, Alb71]. **Matrizen-Numerik** [RSS68]. **Matrizeninversion** [Rut59e]. **McCarthy** [Čul72b, Čul72a, Gep66]. **MDN** [Gep66]. **meaning** [Rut56a]. **Mechanik** [Ste69]. **mehrerer** [Rut50b, Rut50c]. **Members** [Nau60]. **memory** [BBG$^+$63c]. **meromorphen** [Rut50b, Rut50c]. **méromorphes** [Rut47a]. **meromorphic** [Rut50b, Rut50c]. **Method** [Rut71a, Ban57, Bos65, Rut50a, RB55, Rut55d, RS63, Rut64, Rut66d, Rut66e, Rut69b, Rut70a, Rut70b, Rut71b, Sor82, SF88]. **méthode** [Bos65, RB55, Rut55d, Rut64, Rut50a]. **Methoden** [Rut52c]. **Methods** [Alb71, EGRS59b, Rut59a, Rut52c, Rut56b, Str61]. **metomorphic** [Rut47a]. **Miscellaneous** [Rut67f]. **Mitarb** [Gep66]. **Mitchell** [Alb71]. **Mitteilungen** [Tod52]. **Modelle** [HRG59b]. **models** [HRG59b]. **modification** [Rut62g]. **Modified** [BBG$^+$76, Sor82, SF88]. **molecular** [HRG59b]. **Molekel** [HRG59b]. **Molekel-Modelle** [HRG59b]. **Moore** [Zie81a, Zie81b, Zie81a]. **Motion** [MKS98]. **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, Bru20b, 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].

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