A Bibliography of Publications of George Elmer Forsythe

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/

03 March 2017
Version 1.35

Abstract
This bibliography records publications of George E. Forsythe (1917–1972).

Title word cross-reference

126 [For55c]. 4 [For55c]. Eig3 [For64e]. R(r) < 0 [For41]. LU [PP73]. QR
[PP73]. r [For41]. s [For68a].

-dimenstional [For68a].

15 [FH60b]. 16 [For60a, For60c]. 1959 [Ano59]. 1967 [DH69]. 1968 [Mor69].
1972 [Dan72].

2007 [DFM+07].
50th [DFM⁺07].

75th [DFM⁺07].

absolute [For44a], accelerated [FF52, FF54]. Acceleration [FM5xa].
ACM [ACM72, For64b, For64c, For64d, For65c, For65d, For65a, For65b, For65b, For66c, For66d, Mis17]. Affix [Cro72]. against [For69c]. aid [FvT62]. Aircraft [FD45, For44a, For46b]. Algebra [For67a, DH69, For68b].
Algebraic [FM69, For53b, FM67, FM71]. algebraicheskikh [FM69].
algebraische [FM71]. ALGOL [FvT62, For64e]. algorithm [FS55b, For60a, For60c, FH60b]. Algorithms [For64a, For66a]. Almost [Tau61b].
alternative [FF51, For50b, FS55b]. Analytical [FF52, FF54]. Applications [For47b].
August [ACM72, Mor69]. Automata [Tau63b]. Automatic [FW65].

Be [For53b]. Best [FS55a]. Bibliographical [For52b]. Bibliography [For56a, For59a, For4x, For51f, For53c]. binary [For51b]. Biographies [Wei88]. birthday [DFM⁺07]. Book [Cur78, For60b, For62, For70d]. books [For56a].
Boston [AFI69, ACM72]. both [For61]. boundary [For50b, For56b, For56c]. bounds [For54a, For55a]. Bureau [For51c].

Cesàro [For43]. changing [For47b]. Characteristic [FF51, For50b, FS55b]. chastnykh [VF63]. Chislennoe [FM69]. Classification [For4x, For51f, For53c]. Collected [Tau61a, Tau61b, Tau63a, Tau62, Tau63b, Tau63c]. Collection [Ano72, Ano73, Boe69]. Comes [For68c]. Communities [Mis17].
comparison [For72a, For72b]. Complex [FH60a]. Computation [For70d, For66a]. Computational [Ban74, DFM⁺07, For67a, For68b].
Computations [FMM77, FMM80, For56e, Cur78]. Computer [AFI69, Ano59, For57c, FM67, For68c, For69a, For69e, FGH⁺70, FMM77, FS55b, For56b, For56c, For63, For67b, For70a, Knu66b, Mis17, Nov17, FM69, FM71, FMM80, Knu72, Knu96a, Cur78]. Computer-Verfahren [FM71].
Computers [Tau63b, For56e, For57d, For59b]. computes [For55c].
Computing [DFM⁺07, For55b, FH60a, Nas90, For61, Mis17]. Condition [FM52]. Conditioned [FS55a]. conditions [For50b]. conducted [DH69]. Conference [ACM72, AFI69, Ano59, DFM⁺07]. congress [Mor69].
Connection [For51e, vN51]. constant [For49]. Constrained [For55b]. Constructive [DH69]. Contemporary [FR58a]. continental [FH56]. continued [For70a]. Continuous [Tau62]. Convex [For70c, For55a]. Coriolis [For49]. creation [Nov17]. Crout [For60a, For60c]. curriculum [For64f]. Curves [LF73]. Cyclic [FH60a].

Data [AF58, For57c]. Data-Fitting [For57c]. decomposition [For51g]. dedicated [Ano72, Ano73]. Definite [For70c]. Degree [FG65]. Dekker [For69d]. density [FH56]. density-altitude [FH56]. Department [For57b]. derivations [For52a]. Design [For69b, For69c, Tau63b]. determinants [For51d]. Determination [For44a, PT53]. development [Kmu72, Kmu96a]. developments [For46b]. diagnosis [FvT62]. Difference [For56b, For56c, FW60, Vf63]. differences [For71]. Differential [FW60, RFW60, Vf63, FR58b, For71]. differentials [VF63]. Digital [For57c, FS55b, For56b, For56c]. Digits [For51e, For51c, For51b, vN51]. dimensional [For68a]. Directions [DFM+07, For68a]. discriminate [For69c]. Discussion [For46a]. distinct [For55c]. distributions [For72a, For72b]. Do [For68c]. Dynamic [HFG45].

E. [For46a]. E1398 [FS60]. Edinburgh [Mor69]. education [For57d, For59a, For69a]. Educational [For63, For57b, For67b]. Eigenvalue [For64e, For56b, For56c]. eigenvalues [PT53]. elements [For71]. elliptic [For71]. Elmer [Dan72]. Engineering [For61]. Enough [For70d]. Equation [For67c, For69e, For69f, For45a, For50b, FS55b]. Equations [FM52, For53b, FW60, RFW60, Vf63, For4x, FM4x, For51f, FF52, For53c, FF54, FR58b, For71, Lsn52, PT53]. equivalent [For44b]. equivalent-potential [For44b]. Ergodic [Tau61b]. Error [Bau74]. Errors [For59c, For50a]. esculator [For52a]. essays [Boe69]. Exact [For49]. exam [For70b]. examinations [For70a]. exams [For70e]. experimentation [For69c]. Experiments [AF58, FF52, FF54]. Extension [FM52]. Eyes [Ewi94].

Federation [Mor69]. Fifteen [For53a]. Fifteen-Foot [For53a]. Finite [For56b, For56c, FW60, For60d, For51g, For71, Vf63]. Finite-Difference [FW60, Vf63]. Fitting [AF58, For57c]. flow [For45a, For49]. Foot [For53a]. formuleae [For52a]. Forsythe [Cur78, Dan72, DFM+07, Hou73, Ano72, Ano73, Her72, Knu72, Kmu96a, Mol72, Nov17, Spj72, Var90]. Forum [For66a]. Fox [For52a]. Frame [FS55b]. frequencies [For54a]. frequency [For55a]. Functions [For70c, Tau61b]. fundamental [DH69, For55a]. Future [DFM+07].

G [Cur78]. Games [Tau63c]. Gauss [For51a, FM52]. Gene [DFM+07]. generalization [For45a]. Generating [Cro72]. Generation [For51c, For51b, For57c, RH72]. Geometric [PP73]. Geometry [Tau62].
George [DFM+07, Ano72, Ano73, Dan72, Her72, Hou73, Knu72, Knu96a, Mol72, Nov17, Var90]. Gerling [For51a]. German [FM71]. Get [ATK72].


Hall [Cur78]. Harada [RH72]. height [For44a]. Held [HFG51]. Help [ATK72]. high [For56e, For57d, For59a, For59b]. high-speed [For56e, For59b]. History [Nas90]. horizontal [For45a]. Householder [For54b]. Hydrodynamics [Tan63c].

IBM [DH69]. IFIP [Mor69]. II [FH60b, Tan61b]. III [Tan63a]. III [ATK72]. Ill-Posed [ATK72]. implications [For63]. Improving [FM52]. independent [For63]. influence [Var90]. Information [Mor69, Mor69]. Interesting [For53b]. International [Mor69]. Inversion [FL50, For51g]. Isn’t [For70d]. Iterations [PP73, Lan52]. IV [Tan62].


K. [RH72]. know [Nov17].

L [For46a]. L. [For46a]. Laboratory [DH69]. Lagrange [For55b]. Laplacian [For56b, For56c]. latent [For52a]. learn [For61]. lecture [For51c]. Legendre [For51d]. Let [For69c]. letter [For64b, For64c, For64d, For65c, For65d, For65e, For65f, For66b, For66c, For66d]. level [For45b]. Linear [FM69, FM52, For53b, FM67, For67a, For4x, FM4x, For51f, FF52, For53c, FF54, For68b, FM71, Lan52, PT53]. lineinykh [FM69]. Logic [Tan61a]. lower [For54a, For55a].

M [Cur78]. MA [AFI69]. Malcolm [Cur78]. March [Ano59, DFM+07]. Masinnye [FMM80]. matematicheskich [FMM80]. Math [For70d]. Mathematical [Boe69, Cur78, FMM77, FMM80, For52b]. Mathematics [DFM+07, Ewi94, For57b, For57a, RFW60, For56a, For59a, For61, FGH+70]. Matrices [FS55a]. Matrix [FF51, FL50, FH60a, For51g]. Maximum [FH56, For70c]. May [AFI69]. Mechanics [Tan61a]. membership [For64b, For64c, For64d, For65c, For65d, For65a, For65b, For65e, For66b, For66c, For66d]. membranes [For54a, For55a]. Memoriam [Dan72]. Memory [Her72, Ano72, Ano73, Mol72]. Meteorology [Tan63c, HFG45]. Methode [FL50, FH60a, FM4x, FM5xa, FM5xb, For68a, For72a, For72b, HFG51]. Methods [Cur78, For59b, FW60, For67a, FMM77, FMM80, VF63, For41, FS42, For4x,
For51f, For51g, FF52, For53c, FF54, For56b, For56c, For56d, For56f, For68b]. metody [FMM80, VF63]. Minima [For55b]. minimized [Lan52]. minimized-iterations [Lan52]. Minimum [For70c]. Moler [Cur78]. monographs [For52b]. Monte [FL50, HFG51]. Monthly [Ewi94]. Multipliers [For55b]. must [For61].

National [For51c]. Near [For59e, For58]. Neumann [For51e, For72a, For72b, Tau61a, Tau61b, Tau63a, Tau62, Tau63b, Tau63c]. Nonlinear [LF73]. nonviscous [For49]. Nörlund [For47a]. normal [For72a, For72b]. Note [For44b, For50a, For59c, RH72, Spj72]. Notes [FOP+56, For64e]. Numerical [DFM+07, For53a, For54b, FR58b, For59b, For59e, RFW60, Tau63b, For57b, FR58a, For58, For59d, For64f].

Obtaining [FF51]. Off [For59c, For50a]. Oh [Wei88]. one [For50b]. only [For50b]. operations [For44a]. Operators [Tau63a, Tau61b]. optimum [FM55a, FM55b, For68a]. order [For41, For51d, For55c]. organized [Mor69]. Orthogonal [AF58, For57c]. Other [Tau62, For72a, For72b].


Quadratic [For67c, For69e, For69f, For70c]. qualifying [For70a]. Quantum [Tau61a]. question [For70b].

Radius [For70c]. Random [For51e, For43, For47a, For51c, For51b, For72a, For72b, vN51]. Raznostnye [VF63]. reconnaissance [DF45, For46b]. reduction [For45b]. references [For56e, For71]. regularity [FS42]. Relaxation [For51a, For56d, For56f]. Remark [For60c, FH60b]. Remarks [FS42, For69d, For66e]. Reprint [For59c]. Research [DH69]. reshenie [FM69]. resheniya [VF63]. Response
REFERENCES

[For46a]. vycislenij [FMM80].

War [For46b]. War-time [For46b]. waves [For47b]. weather [FD45, For46b]. Weiss [For46a]. Welcoming [For66e]. Well [ATK72].

Western [Ano59]. wind [For44a, For45a]. work [For69c]. Works [Tau61a, Tau61b, Tau63a, Tau62, Tau63b, Tau63c].

zero [For47a]. Zürich [DH69]. Zürich-Rüschlikon [DH69].

References


REFERENCES

Anderson:1972:HHI


Bauer:1974:CGR


Boehm:1969:MSC


Crowe:1972:GPA


Curran:1978:BRB


Daniel:1972:MGE


REFERENCES


Los Angeles, CA, USA, ???? 194x. Undated, and found cited only in [Lan52, ref. 7].


REFERENCES


REFERENCES

**Forsythe:1950:STE**


**Forsythe:1951:GGR**


**Forsythe:1951:GTRb**


**Forsythe:1951:GTRA**


**Forsythe:1951:SOD**


**Forsythe:1951:SGN**


**Forsythe:1951:TCM**


**Forsythe:1951:TSM**

[For51g] George E. Forsythe. Theory of selected methods of finite matrix inversion and decomposition. Report 52-5, Institute for Numerical Analy-
REFERENCES


REFERENCES


REFERENCES


REFERENCES


REFERENCES


REFERENCES


REFERENCES


REFERENCES

[Forsythe:1970:PEP]

[Forsythe:1971:RRS]

[Forsythe:1972:NCMa]

[Forsythe:1972:NCMb]


REFERENCES


REFERENCES

Holmboe:1945:DMC


Householder:1951:MCM


Householder:1973:GFJ


Knuth:1972:GFD


Knuth:1996:GFD


Knuth:1996:SPC


Lanczos:1952:SSL

REFERENCES


York, NY, USA, 1962. x + 516 pp. LCCN 3???. See also volumes I–III, V–VI [Taub61a, Taub61b, Taub63a, Taub63b, Taub63c].


REFERENCES