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/

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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].

-dimenisonal [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,
For66b, 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 [For52a]. altitude [FH56]. Analysis [For59e,
RFW60, Tau63b, FR58a, FR58b, For58, For59d, For64f, For54b].
Analyst [For53a]. Angeles [HFG51, For51c]. anniversary [DFM+07].
Annual [ACM72]. Applied [RFW60]. approximations [For56b, For56c].
April [Dan72, Hou73]. arbitrary [For45a]. arrival [DFM+07]. Art
[DFM+07]. article [For46a]. articles [Ano72, Ano73]. Ashburn [For46a].
aspects [DH69]. Astrophysics [Tau63c]. Asymptotic
[For54a, For55a, FM5xb, For68a]. atmospheric [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].

C [Cur78]. California [HFG51]. Can [For53b]. card [FF52, FF54]. Carlo
[HFG51, FL50]. celebrating [DFM+07]. Century [Ewi94]. certain [For54a].
Cesáro [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, Knu96b, 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 [Kmn72, Knn96a].
developments [For46b]. diagnosis [FvT62]. Difference
[For65b, 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, For50a, FS55b]. Equations
[FM52, For53b, FW60, RFW60, VF63, For4x, FM4x, For51f, FF52, For53c,
FF54, FR58b, For71, Lmn52, PT53]. equivalent [For44b].
equivalent-potential [For44b]. Ergodic [Tau61b]. Error [Bau74]. Errors
[For59c, For50a]. escalator [For52a]. essays [Boe69]. Exact [For49]. exam
[For70b]. examinations [For70a]. exams [For70c]. 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].
formulae [For52a]. Forsythe [Cur78, Dan72, DFM^07, Hou73, Ano72,
Ano73, Her72, Kmn72, Knn96a, 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 [Taa62].
George [DFM+07, Ano72, Ano73, Dan72, Her72, Hou73, Knu72, Knu96a, Mol72, Nov17, Var90]. Gerling [For51a]. German [FM71]. Get [ATK72].

Golub [DFM+07, Spj72]. good [For56c]. gradient [FM4x, FF52, FF54, FM5xa, FM5xb, For68a]. Grading [FW65]. Grammars [Cro72]. Graphs [Ban74]. Group [Tau61b].

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 [Tau63c].

IBM [DH69]. IFIP [Mor69]. II [FH60b, Tau61b]. III [Tau63a]. III [ATK72]. Ill-Posed [ATK72]. implications [For63]. Improving [FM52]. independent [For43]. influence [Var90]. Information [Mor69, Mor69]. Interesting [For53b]. International [Mor69]. Inversion [FL50, For51g]. Isn’t [For70d]. Iterations [PP73, Lan52]. IV [Tau62].

Jacobi [FH60a]. January [Dan72, Hou73]. John [For51e, Tau61a, Tau61b, Tau63a, Tau62, Tau63b, Tau63c]. Joint [AFI69, Ano59]. July [HFG51]. June [DH69, HFG51].

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, For65a, For65b, For65e, For66b, For66c, For66d]. level [For45b]. Linear [FM69, FM52, For53b, FM67, For67a, For4x, FM4x, For51f, FF52, For53c, FF54, For68b, FM71, Lan52, PT53]. linearnykh [FM69]. Logic [Tau61a]. lower [For54a, For55a].

M [Cur78]. MA [AFI69]. Malcolm [Cur78]. March [Ano59, DFM+07]. Masinnye [FMM80]. matematičeskikh [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 [Tau61a]. membership [For64b, For64c, For64d, For65c, For65d, For65a, For65b, For65e, For66b, For66c, For66d]. membranes [For54a, For55a]. Memoriam [Dan72]. Memory [Her72, Ano72, Ano73, Mol72]. Meteorology [Tau63c, HFG45]. Method [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
[For51c, For72a, Tau61a, Tau61b, Tau66a, Tau66b, Tau63b, Tau63c].

Nonlinear [LF73]. nonviscous [For49]. Nörlund [For47a]. normal [For72a, For72b]. Note [For44b, For50a, For59c, RH72, Sp72]. 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 [FM5xa, FM5xb, For68a]. order [For41, For51d, For55c]. organized [Mor69].

Orthogonal [AF58, For57c]. Other [Tau62, For72a, For72b].

dates [Cur78]. paper [For69d]. Papers [FOP+56, For57a, Knu96b, For64c].

parameter [For49]. Parlett [For64c]. Parsers [Cro72]. Partial [FW60, RFW60, VF63, FR58b, For71]. particle [For49]. Periodic [Tau61b].

Permutations [RH72]. Ph.D. [For70a]. Pioneers [Wei88]. Pitfalls [For70d]. Pivoting [For60a, For60c]. plane [For49]. polygonal [For54a].

Polynomial [FG65, For70c]. Polynomials [AF58, For57c, For51d]. Posed [ATK72]. Positive [For70c]. potential [For44b].

Power [PP73]. Prentice [Cur78]. Prentice/Hall [Cur78]. President [For64b, For64c, For64d, For65c, For65d, For65a, For65b, For65e, For66b, For66c, For66d]. pressure [For45b].

Principal [FH60a]. Principles [For54b]. Problem [ATK72, FS60, For65f].

Problems [For70e, For66b, For56c]. Procedure [For64e]. Proceedings [Ano59, DH69, HFG51, Mor69, ACM72]. processing [Mor69]. program [For57b, For59d, For67b]. Programs [FW65]. proizvodnykh [VF63].

projects [For70e]. propagation [For47b]. properties [FM5xb].

Publications [RFW60]. Punched [FF52, FF54]. Punched-card [FF52, FF54].

Quadratic [For67e, For69e, For69f, For70c]. qualifying [For70a]. Quantum
[Tau61a]. question [For70b].

Radius [For70c]. Random [For51c, For43, For47a, For51c, For51b, For72a, For72b, vN51]. Raznostnyye
[VF63]. reconnaissance [FD45, For46b]. reduction [For45b]. references
[For56c, For71]. regularity [FS42]. Relaxation [For51a, For56d, For56f].

Remark [For60c, FH60b]. Remarks [FS42, For69d, For66c]. Reprint
[For59c]. Research [DH69]. reshenie [FM69]. resheniya [VF63]. Response
The text in the image contains a list of words and phrases that do not form a coherent sentence. Here is a list of the words and phrases:

- RH72
- Review
- For54b, For60b, For60d, For62, Cur78
- revolution
- For63
- Riesz
- For41
- Rings
- Tau63a
- role
- For57d, For59d
- rootfinder
- FH60b
- roots
- For52a
- Rosary
- RH72
- Rounding
- Bau74, For59c, For50a
- Rounding-Off
- For59c, For50a
- Rieszlikon
- DH69
- Russian
- FM69, For52b, For56a, FMM80, VF63
- sampling
- For72a, For72b
- Satisfactory
- For67c, For69f
- school
- For57d, For59a
- science
- For57d, For67b, For69a, FGH+70, For70a, Knu96b, Mis17, Nov17, Knu72, Knu96a
- sciences
- Boe69
- Scientific
- Nas90, For56e, For60b, FM69, For62b, FM67, Lan52
- Sea
- For72b
- Scholarly
- For72b
- Sci
- For72b
- scientific
- For57d, For67b, For69a, FG+70, For70a, Knu96b, Mis17, Nov17, Knu72, Knu96a
- Science
- For57d, For67b, For69a, Knu96b, Mis17, Nov17, Knu72, Knu96a
- scientific
- For57d, For67b, For69a, FG+70, For70a, Knu96b, Mis17, Nov17, Knu72, Knu96a
- Scientists
- Boe69
- Scientist
- For68c
- sea
- For45b
- Second
- For51b, FG65
- Second-Degree
- FG65
- Selected
- For56e, Knu96b, For51g
- Selfridge
- For60d
- semigroups
- For55c, For60d
- Sets
- Tau61a
- shape
- For47b
- Shelf
- For53a
- Short
- For46e
- Simultaneous
- PT53
- Singularity
- For58, For59c
- sistem
- FM69
- society
- Mis17
- Solution
- FM69, For50b, FS60, For65f, FM67, Lan52, FM71
- Solver
- For67c, For69f
- Solving
- For53b, For59e, For5x, FM4x, For51f, For53c, For71
- Souriau
- FS55b
- Speed
- For47b, For53c, For59b
- Sphere
- FG65, For70c
- Spline
- LF73
- Spring
- AF169
- Standards
- For51c
- Stanford
- DFM+07, DFM+07, For70a
- State
- DFM+07, FR58a
- States
- FH56
- Stationary
- FG65
- Students
- For57a, For61, Var90
- Study
- LF73
- Suggestions
- For57a
- summability
- For41, For43, For47a
- Summary
- For51c
- summation
- FS42
- survey
- For52b, For59b
- Surveys
- RFW60
- SWAC
- AF58, For51b, For55c
- Switzerland
- DH69
- Syllabi
- For70a
- Symposium
- HFG51, DH69
- Systeme
- FM71
- Systems
- FM69, FM52, FM67, For51f, For53c, FM71, Lan52
- tables
- For45b
- Talking
- For57a
- Technical
- FOP+56, For64c
- Techniques
- For51e, vN51
- telegrapher
- For50b
- temperature
- For44b
- Tentative
- For51f, For53c
- testing
- For51c, For51b
- Tests
- For64e
- Theorem
- Spj72, DH69
- Theory
- For54b, PP73, Tau61a, Tau61b, Tau63b, Tau63c
- thermal
- For45a
- Till
- For68c
- time
- For46b
- Today
- For67a, For68b
- Topics
- Tau62
- trajectories
- For49
- Transformation
- FM52
- Transformations
- FF51
- U.C.L.A.
- For57b
- undergraduate
- For59d, For64f
- Unit
- FG65
- United
- FH56
- Universal
- For54b
- University
- DFM+07, For67b, For70a
- untitled
- For60b, For62
- uravnenii
- FM69, VF63
- Use
- AF58, For57c, For56e
- Used
- For51e, vN51
- V
- For46a, VF63, RFW60, Tau63b
- value
- For56b, For56c
- Values
- FH60a, FG65
- variables
- For43, For47a
- Variational
- LF73
- Various
- For51e, vN51
- Vectorcardiographic
- FvT62
- Vectors
- FF51
- Verfahren
- FM71
- VI
- Tau63c
- Volume
- RFW60, Tau61a, Tau61b, Tau63a, Tau62, Tau63b, Tau63c
- vorticity
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


REFERENCES


REFERENCES


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


REFERENCES


[For4x] George E. Forsythe. Classification and bibliography of methods of solving linear equations. Report ?????, ????., ????., ???? 194x. Undated, and found cited only in [Lan52, ref. 5].

REFERENCES


REFERENCES


REFERENCES


REFERENCES


REFERENCES


REFERENCES

[Forsythe:1960:RSF]

[Forsythe:1961:ESM]

[Forsythe:1962:BRB]

[Forsythe:1963:EIC]

[Forsythe:1964:A]

[Forsythe:1964:PLAa]

[Forsythe:1964:PLAb]

[Forsythe:1964:PLAc]
REFERENCES

Forsythe:1964:TPA


Forsythe:1964:UCN


Forsythe:1965:PLAc


Forsythe:1965:PLAd


Forsythe:1965:PLAa


Forsythe:1965:PLAb


Forsythe:1965:PLM

[For65e] George E. Forsythe. President’s letter to the membership. Communications of the Association for Computing Machinery, 8(9):541, September 1965. CODEN CACMA2. ISSN 0001-0782 (print), 1557-7317 (electronic).
REFERENCES


REFERENCES


REFERENCES


REFERENCES

[Forsythe:1955:BCM]

[Forsythe:1955:SFC]

[Forsythe:1960:SPE]

[Forsythe:1962:VDA]

[Forsythe:1960:FDM]

[Forsythe:1965:AGP]

[Herriot:1972:MGF]
REFERENCES

Holmboe:1945:DMC


Householder:1951:MCM


Householder:1973:GFJ


Knuth:1972:GFD


Knuth:1996:GFD


Knuth:1996:SPC


Lanczos:1952:SSL

REFERENCES


REFERENCES


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


