A Bibliography of Publications of *Cleve B. Moler*

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@ieee.org (Internet)  
WWW URL: http://www.math.utah.edu/~beebe/  

07 November 2019  
Version 1.55

**Abstract**

This bibliography records publications of Cleve B. Moler.

**Title word cross-reference**

- $10^{435}$ [Mol95b]. 2 [Mol74]. $Ax = \lambda Bx$ [MS71]. $AXB^T + CXD^T = E$ [GWL+92, GLAM92].
- 6 [Mol00a]. 6600 [DM73]. 6600/7600 [DM73].
- 754 [Mol19b]. 75th [DFM+07]. 7600 [DM73]. 77 [GWL+92].
- A&M [Dut16]. Accuracy [DMW83].
- Accurate [Mol67b]. ACM [ACM72].
- acoustics [MS70b]. Affair [CMMP95].
- Algebra [GM87, HM88, Mol80d].
- Algebraic [FM67, Joh68, FM71, Mol67b, MS78b].
- algebraische [FM71]. Algorithm [GWL+92, MS73, MS78b, MS71, MS72, Mol95c, Mol01].
- algorithms [MS78a].
- Analysis [GO80, MM83a, Mol68b, Mol68c, Mol69c, Mol69d, Mol83, Mol70].
- Analytic [Hig99].
- Anniversary [DFM+07]. Annual [ACM72].
- anymore [Mol15].
- apology [Mol99a].
- Applications [GM87].
- approximate
Approximations [FHM67]. April
Ardent [Mol18a]. Arithmetic
Arrival [DFM+07]. Art [DFM+07, Mol19e].
Aspects [CMMP95]. Atlantic [AFI67].
August [ACM72, MS78a]. Award [Ano11].
B [AF69, Joh68]. basis [MRS94]. Bauer
Behavior [Mol01]. Benchmarks [Mol94].
Beresford [Mol08a]. billion [Mol02b].
Beweis [AF69, Cur78].
C [AF69, Cur78]. calculus [Ef64].
calculating [Mol80a]. capabilites [Mol68a].
CDC [DM73]. celebrating [DMF+07].
certification [Mol63]. certify [BCC+72].
City [AFI67]. Cleve
[Mol95a]. Chemistry
[Mol79, MS78a]. City [AFI67]. Class
[Dub83]. Cleve
[Joh68, Ano11, Dut16, Hai08, Hig99, Mar99,
Mol94, Mol95c, Mol95b, Mol95a, Mol95d,
Mol96a, Mol96b, Mol97, Mol98a, Mol98b,
Mol99b, Mol99a, Mol00a, Mol00b, Mol01,
Mol02a, Mol02b, Mol06b, Mol06a, Mol13,
Mol17a, Mol17b, Mol17c, Mol18a, Mol19a,
Mol19b, Mol19c]. Cleve
[Mol95c, Mol95b, Mol95a, Mol95d, Mol96a,
Mol96b, Mol97, Mol98a, Mol98b, Mol99b,
Mol99a, Mol00a, Mol00b, Mol01, Mol02a,
Mol02b, Mol06b, Mol06a, Mol13, Mol17a,
Mol17b, Mol17c, Mol18a, Mol19a, Mol19b,
Mol19c]. Cleve
[Mol19d]. Cody [MM09]. collaborative
[BCC+72]. Collisionless [GM91].
Community [DGG+08]. Compiling
[JM94]. Complex [Mol98b].
comprehensive [Mol68a]. Computation
[Dub83, Mol02b, LM91, Mol00b].
Computational [CMMP95, DFM+07,
HM88, Jam89, PAB+01]. Computations
[FMM77, FM80, Mol72b, Mol86, Mol69e,
Mol71, Ste68, Cur78]. Compute
[VM78a, VM78b, MV03, MV79].
Computed [DMW83]. Computer
[AFI67, FM67, FMM77, MLB87c, FM71,
FMM80, Cur78, Joh68].
Computer-Verfahren [FM71]. computers
[DM73]. Computing
[DFM+07, Mol19a, Mol75, Mol83,
Mol04a, Mol04b, Mol08b]. Condition
[CMSW79]. Conference
[ACM72, AFI67, Hea86, DFM+07].
Decades [Mol69a]. Decomposing [MST88].
Dedication [GDM87, Mol92]. Definite
[CMR73]. Demonstration [Mol82b].
Denormals [Mol14a]. Design
[GMS92, Mol80a]. Development [Cow84].
Differential [Mol65]. differential
[Ef64, Mol96b, Mol97]. Differentiation
[LM67]. differentials [Mol75]. digital
[MS79]. Directions [DFM+07].
disseminate [BCC+72], Distributed
[Mol86, PPM+89, Mol01]. draw [PPM+89].
Dubious [MV78a, MV78b, MV03, MV79].
education [PAB+01]. Efficiencies [Jam89].
efficient [MS79]. effort [BCC+72].
Eigensystem [GBDM77, SBD+76].
Eigenvalue
[DM84, MS73, Mol79, MS71, MS72].
Eigenvalues [DM83, FHM67, Mol65,
MP68, Nic67, DM78, Ef64, Mol98a].
eigenvector [Mol02b]. Eigenvectors
[DMW83, MP68, Ef64]. eigenshow [Mol98a].
EISPACK [DM84, GBDM77, SBD+76].
Elliptic [FHM67, Nic67]. engineering [PAB+01]. Equation
[GMW*92, GLAM92, Mol72a, Mol96b]. equations [E64, GM91, Mol97]. era
[Mol02a]. error [DM73, Mol95a]. Estimate [CMSW79]. event [Mol97]. examination
[Mol68a, Mol68b, Mol68c, Mol69c, Mol69d]. Excerpts [Mol68a]. Experiments
[HM88, Mol11]. explain [Mol98a]. Exponential
[MV78a, MV78b, MV03, Mol75, MV79]. factorization [MS79]. Fame [Mol94].
Faster [Mol00a]. Fe [USE94]. features [Mol99b]. Fernbach [Ano11]. FFTW
[Mol00a]. Finding [Jam89]. Finite [Mol65, Mol00a]. First [Mol70]. Fitting
[Hig99]. Five [MV03]. Floating [Mol67a, Mol14b, Mol14a, Mol17a, Mol17b,
Mol17c, Mol19b, Mol19c, Mol98b, Mol96a]. floating-point [Mol98b]. Format
[Mol19c]. Formulæ [Jam89]. Forsythe
[Cur78, DFM+07, Joh68, Mol72c]. FORTRAN [GWL*92, Mol71, Mol72b].
FORTRAN-77 [GWL*92]. four [GM91]. Fourier [Mol00a].
Fox [MV78b, Nic67]. Function [Mol02a]. Functions [LM67, Mol98b, Mol02a]. Future
[DFM+07].

[MS73, Mol79, MS71, MS72]. generates [Mol01]. generator [MM73]. geometrical
[MS70b]. George [DFM+07, Joh68, Mol72c]. German [FM71]. Golden [Mol96b]. Golub
[DFM+07, Mol92]. Good [Mol98a]. Google
[Mol02b]. got [Mol88b, Mol88c]. Graduate
[PAB+01]. graphics [PPM+89]. groupie
[Mol07]. Growth [Mol06b]. Guide
[DBMS79, GBDM77, Mol80c, Mol81,
Mol82a, MLB87b, MLB87a, SBD+76, CM93,
LM91, ML90, Mol18b].

H [GM87, Mol92]. Half
[Mol17a, Mol17b, Mol19c]. Half-Precision
[Mol17a]. Hall [Cur78]. handling [Mol97].
helps [Mol98a]. Henrici [Nic67]. High
[USE94, LM91]. high-performance [LM91].
Historic [Mol18b]. Householder
[MS78b, MB96, Mol13]. hyperbolic
[Mol98b]. Hypercube [Hea86].

IEEE [Mol96a, Mol19b]. image [MS79].
Implementation [GMS92]. Improving
[DMW83]. Incorporates [Mol00b, Mol00a].
Increasing [Mol00b]. Inequality [AF69].
iffallibility [Mol95c]. insignificant
[Mol14a]. Installation [Mol81].
Integrating [MS70a]. integration [MS70b].
Interactive [Mol80b, Mol80a, Mol83].
Interview [Mar99]. inverse [Mol98b].
involution [Mol63]. isn't [Mol95d].
Iterative [Jam89, Mol67a].

J [AF69]. James [GM87]. Jim [MM09].
Joint [AFI67]. just [Mol15].

Knoxville [Hea86].

Laboratory
[Mol80b, Mol82b, Mol19d, Mol88a, Mol15].
Languages [Edw09, USE94]. LAPACK
[Mol00b]. Laplace [Mol65]. large
[Mol95a, Mol99b]. large-scale [Mol99b].

Largest [Mol02b]. Later [MV03]. Learning
[Mol83]. Level [USE94]. libraries [MM09].
library [GMI85]. Linear [FM67, GM87,
Joh68, Mol72a, Mol80d, FM71, Mol67b].
lineare [FM71]. lines [PPM+89].
LINPACK [DBMS79, Mol94]. LOBO.LIB
[GMI85]. long [Mol95b]. Lyness [AF69].

M [Cur78]. making [Mol95a]. Malcolm
[Cur78]. March [DFM+07]. Masinnye
[FMM80]. matematicheskich [FMM80].
Math [Mar99, CM93]. Mathematical
[Cow84, Cur78, FMM77, FMM80, Hea86].
BCC+72, GMI85, Mol88a, Mol02a, MM09. Mathematics [DFM+07, Mol19a, Mol83].
MathWorks [MRS94, Mol06b]. MATLAB [Dut16, Edw09, GMS92, LM91, Mol80b, Mol80c, Mol81, Mol82a, ML87c, Mol88a, ML90, Mol94, Mol95d, Mol96b, Mol00a, Mol00b, Mol02a, Mol04a, Mol04b, Mol06b, Mol08b, Mol11, Mol18b, Hai08, JMF94, ML87b, ML87a]. Matrices [GMS92].
Principles [Mol70]. PRO [LM91, MLB87c, ML90, MLB87a]. PRO-MATLAB [LM91, MLB87c, ML90, MLB87a]. Problem [Kah71, Mol79, MS71]. Problems [DM84, ML67, MS73, Mol80d, Efi64, Mol69b, MS72, Mol99b]. procedures [Mol63].
QR [Mol95c]. Quadruple [Mol17c]. qualifying [Mol68b, Mol68c, Mol69c, Mol69d].
Quantum [Mol79].
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unifies [Mol96a]. universal [MM73].

University [DFM+07, Dut16, Mol68c, Mol69d].

URAND [MM73]. USA [USE94]. Use [MS70b]. User [DBMS79, Mol82a, MLB87a, Mol18b, CM93, LM91, Mol88b, Mol88c, ML90].

Users [MLB87b].

Value [MM83a, Ef64]. values [Mol98a]. Variable [Mol19c]. VAX [LM91, MLB87c].


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