

A Bibliography of Publications of Eric Grosse

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Abstract

This bibliography records publications of Eric Grosse.

Title word cross-reference

δ^2 [BDG81].

-Formula [BDG81].

11th [USE02]. **15th** [ARL78]. **1988** [MC90].

528 [FHS78, GG99].

77 [GG99].

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WG [Boi97, GH92]. **Working**

[Boi97, GH92]. **WWW** [BG95].

Z [FHS78, Fox79].

References

- [ADG87] Greg Astfalk, Jack Dongarra, and Eric Grosse. Finding public domain mathematical software. Numerical Analysis Manuscript 87-5, AT&T Bell Laboratories, Murray Hill, NJ, USA, 1987.
- [ARL78] *Proceedings of the 1978 Army Numerical Analysis and Computers Conference (15th: 1978: U.S. Army Missile Research and Development Command, Redstone Arsenal, Alabama)*, number 78-3 in ARO report. U.S. Army Research Office, 1978.
- [BBD95] Ronald Boisvert, Shirley Browne, and Jack Dongarra. Digital software and data repositories for support of scientific computing. In *Digital Libraries Forum*. Springer-Verlag, Berlin, Heidelberg, New York, Tokyo, May 1995. URL <ftp://netlib.bell-labs.com/netlib/srwn/srwn09.ps.gz>. McLean, Virginia.
- [BCF⁺85] R. E. Bank, W. M. Coughran, Jr., W. Fichtner, E. H. Grosse, D. J. Rose, and R. K. Smith. Transient simulation of silicon devices and circuits. *IEEE Trans. on Computer-Aided Design*, CAD-4: 436–451, 1985. (also *IEEE Trans. on Electron Devices* ED-32).
- [BCG94] Petter Bjørstad, W. M. Coughran, Jr., and Eric Grosse. Parallel domain decomposition applied to coupled transport equations. In David E. Keys and Jinchao Xu, editors, *Domain Decomposition Methods in Scientific and Engineering Computing*, pages 369–380. American Mathematical Society, Providence, RI, USA, 1994. ISBN 0-8218-5171-3. LCCN QA402.2 I55 1993. URL <ftp://cm.bell-labs.com/cm/cs/doc/94/4-03.ps.gz>.
- [BDG81] Petter E. Bjørstad, Germund Dahlquist, and Eric H. Grosse. Extrapolation of asymptotic expansions by a modified Aitken δ^2 -formula. *BIT (Nordisk tidskrift for informationsbehandling)*, 21 (1):56–65, 1981. CODEN BIT-TEL, NBITAB. ISSN 0006-3835 (print), 1572-9125 (electronic).
- [BDG⁺95] Shirley Browne, Jack Dongarra, Stan Green, Keith Moore, Theresa Pepin, Tom Rowan, Reed Wade, and Eric Grosse. Location-independent naming for virtual distributed software repositories. In *Symposium on Software Reusability*. ACM Press, New York, NY 10036, USA, April 1995. URL <ftp://netlib.bell-labs.com/netlib/srwn/srwn07.ps.gz>. Seattle, Washington.

Browne:1995:NMS

- [BDGR95] Shirley Browne, Jack Dongarra, Eric Grosse, and Tom Rowan. The Netlib Mathematical Software Repository. *D-Lib magazine: the magazine of the Digital Library Forum*, September 1995. ISSN 1082-9873. URL <http://www.cnri.reston.va.us/home/dlib.html>.

Baker:1985:SPM

- [BFG85] Brenda S. Baker, S. J. Fortune, and Eric H. Grosse. Stable prehension with a multi-fingered hand. In STOC'85 [STO85], pages 114–120. ISBN 0-89791-151-2. LCCN QA 76.6 A13 1985.

Bjorstad:1987:CMC

- [BG87] Petter Bjørstad and Eric Grosse. Conformal mapping of circular arc polygons. *SIAM Journal on Scientific and Statistical Computing*, 8(1):19–32, 1987. CODEN SIJCD4. ISSN 0196-5204.

Baker:1995:LCF

- [BG95] Brenda S. Baker and Eric Grosse. Local control over filtered WWW access. In *Fourth International World Wide Web Conference*. O'Reilly & Associates, Inc., 103a Morris Street, Sebastopol, CA 95472, USA, Tel: +1 707 829 0515, and 90 Sherman Street, Cambridge, MA 02140, USA, Tel: +1 617 354 5800, December 1995. URL <http://www.w3.org/pub/Conferences/WWW4/Papers/117/>. Boston, MA.

Baker:1988:NTP

- [BGR88] Brenda S. Baker, Eric Grosse, and Conor S. Rafferty. Nonobtuse triangulation of polygons. *Discrete and Computational Geometry*, 3(2):147–168, 1988. CODEN DCGEER. ISSN 0179-5376,1432-0444. URL <http://cm.bell-labs.com/cm/cs/doc/85/nonobtuse.pdf>.

Bosacchi:1987:NCM

- [BOG87] Bruno Bosacchi, Robert C. Oehrlé, and Eric Grosse. Nondestructive characterization of multilayer structures by resonant attenuated total reflection spectroscopy. *Applied Physics Letters*, 51:158–160, 1987.

Boisvert:1997:QNS

- [Boi97] Ronald F. Boisvert, editor. *The Quality of Numerical Software: Assessment and Enhancement: Proceedings of the IFIP TC2/WG 2.5 Working Conference on the Quality of Numerical Software, Oxford, United Kingdom, 8–12 July 1996*. Chapman Hall on behalf of IFIP, London, 1997. ISBN 0-412-80530-8.

Chan:1976:NAP

- [CCG⁺76] T. F. Chan, W. M. Coughran, Jr., E. H. Grosse, M. T. Heath, and F. T. Luk. Numerical analysis program library user's guide (NAPLUG). User Note 82, SLAC Computing Services, 1976.

Chan:1980:NLS

- [CCGH80] Tony F. Chan, William M. Coughran, Jr., Eric H. Grosse,

and Michael T. Heath. A numerical library and its support. *ACM Trans. Math. Software*, 6(2):135–145, June 1980. CODEN ACM-SCU. ISSN 0098-3500 (print), 1557-7295 (electronic).

Cleveland:1988:RLF

- [CDG88] William S. Cleveland, Susan J. Devlin, and Eric Grosse. Regression by local fitting. Methods, properties, and computational algorithms. *Journal of Econometrics*, 37(1):87–114, 1988. CODEN JECMB6. ISSN 0304-4076 (print), 1872-6895 (electronic).

Coughran:1989:ETC

- [CFG89] W. M. Coughran, Jr., W. Fichtner, and Eric Grosse. Extracting transistor charges from device simulations by gradient fitting. *IEEE Trans. on Computer-Aided Design*, 8:380–394, 1989.

Coughran:1979:NLN

- [CG79] W. M. Coughran, Jr. and E. H. Grosse. New languages for numerical software. *SIGNUM Newsletter*, 14:73–75, 1979. CODEN SNEWD6. ISSN 0163-5778 (print), 1558-0237 (electronic).

Coughran:1983:GE

- [CG83] W. M. Coughran, Jr. and E. H. Grosse. The grove editor. Numerical Analysis Manuscript 83-3, ATT Bell Laboratories, 1983.

Coughran:1989:PSC

- [CG89] W. M. Coughran, Jr. and Eric Grosse. A philosophy for scientific computing tools. *SIGNUM*

Newsletter, 24(2/3):2–9, April/July 1989. CODEN SNEWD6. ISSN 0163-5778 (print), 1558-0237 (electronic).

Coughran:1990:TSAA

- [CG90a] W. M. Coughran, Jr. and Eric Grosse. Techniques for scientific animation. *SPIE Proceedings*, 1259:72–79, 1990.

Coughran:1990:TSAb

- [CG90b] W. M. Coughran, Jr. and Eric Grosse. Techniques for scientific animation—video. *SPIE Proceedings*, 1259-V:22:00–35:28, 1990. ISBN 0-8194-0306-7.

Cleveland:1991:CML

- [CG91a] William S. Cleveland and Eric Grosse. Computational methods for local regression. *Statistics and Computing*, 1(1):47–62, 1991. CODEN STACE3. ISSN 0960-3174 (print), 1573-1375 (electronic). URL <ftp://cm.bell-labs.com/cm/cs/doc/91/4-04.ps.gz>.

Coughran:1991:DFT

- [CG91b] W. M. Coughran, Jr. and Eric Grosse. Display of functions of three space variables and time using shaded polygons and sound. In Gaffney and Houstis [GH92], pages 271–276. ISBN 0-444-89176-5. LCCN QA76.6 .I1782 1992. URL <ftp://cm.bell-labs.com/cm/cs/doc/91/4-09.ps.gz>.

Coughran:1991:SHD

- [CG91c] W. M. Coughran, Jr. and Eric Grosse. Seeing and hearing dynamic loess surfaces. In *Inter-*

face'91 Proceedings, pages 224–228. Springer-Verlag, Berlin, Heidelberg, New York, Tokyo, 1991. URL <ftp://cm.bell-labs.com/cm/cs/doc/91/4-07.ps.gz>.

Coughran:1992:CFB

- [CGP92] W. M. Coughran, Jr., E. H. Grosse, and M. R. Pinto. Computing folds and bifurcations in current-voltage characteristics of semiconductor devices. In *Workshop on Numerical Modeling of Processes and Devices for Integrated Circuits: NUPAD IV. Technical Digest*, pages 149–153. IEEE, 1109 Spring Street, Suite 300, Silver Spring, MD 20910, USA, 1992.

Cox:2002:SP9

- [CGP⁺02] Russ Cox, Eric Grosse, Rob Pike, Dave Presotto, and Sean Quinlan. Security in Plan 9. In *USENIX [USE02]*, pages 3–16. ISBN 1-931971-00-5. LCCN ????. URL <http://www.usenix.org/publications/library/proceedings/sec02/cox.html>.

Coughran:1983:CCA

- [CGR83] W. M. Coughran, Jr., E. H. Grosse, and D. J. Rose. CAzM: A circuit-analyzer with macromodeling. *IEEE Trans. on Electron Devices*, ED-30:1207–1213, 1983.

Coughran:1986:VDS

- [CGR86] William M. Coughran, Jr., Eric Grosse, and Donald J. Rose. Variation diminishing splines in simulation. *SIAM Journal on Scientific and Statistical Computing*, 7

(2):696–705, 1986. CODEN SIJCD4. ISSN 0196-5204.

Coughran:1987:ACC

- [CGR87] W. M. Coughran, Jr., Eric Grosse, and Donald J. Rose. Aspects of computational circuit analysis. In W. Fichtner and M. Morf, editors, *VLSI CAD Tools and Applications*, pages 105–127 (of x + 552). Kluwer Academic Press, Dordrecht, The Netherlands, 1987. ISBN 0-89838-193-2. LCCN TK7874 .V5572 1987.

Cleveland:1991:LRM

- [CGS91] William S. Cleveland, Eric Grosse, and William M. Shyu. Local regression models. In John M. Chambers and Trevor J. Hastie, editors, *Statistical Models in S*, pages 309–376 (of xv + 608). Wadsworth and Brooks/Cole, Belmont, CA, USA and Pacific Grove, CA, USA, 1991. ISBN 0-534-16765-9. LCCN QA276.4 .S65 1991.

Dongarra:1985:DMS

- [DG85] J. J. Dongarra and E. Grosse. Distribution of mathematical software via electronic mail. *SIGNUM Newsletter*, 20(3):45–47, July 1985. CODEN SNEWD6. ISSN 0163-5778 (print), 1558-0237 (electronic).

Dongarra:1987:DMS

- [DG87] Jack J. Dongarra and Eric Grosse. Distribution of mathematical software via electronic mail. *Communications of the ACM*, 30:403–407, 1987.

Dongarra:1989:SMS

- [DG89] Jack Dongarra and Eric Grosse. Shopping for mathematical software electronically. *IEEE Potentials*, 8:37–38, February 1989. CODEN IEPTDF. ISSN 0278-6648 (print), 1558-1772 (electronic). condensed version of CACM paper.

Dongarra:2008:NNB

- [DGG⁺08] Jack Dongarra, Gene H. Golub, Eric Grosse, Cleve Moler, and Keith Moore. Netlib and NAnet: Building a scientific computing community. *IEEE Annals of the History of Computing*, 30(2):30–41, April/June 2008. CODEN IAHCEX. ISSN 1058-6180 (print), 1934-1547 (electronic). URL <http://ieeexplore.ieee.org/stamp/stamp.jsp?tp=&arnumber=4544554>. ■

Feigenbaum:1992:CPM

- [FGR92] Joan Feigenbaum, Eric Grosse, and James A. Reeds. Cryptographic protection of membership lists. *Newsletter of the International Association for Cryptologic Research*, 9(1):16–20, 1992. URL <ftp://cm.bell-labs.com/cm/cs/doc/91/4-12.ps.gz>.

Friedman:1983:MAS

- [FGS83] Jerome H. Friedman, Eric Grosse, and Werner Stuetzle. Multidimensional additive spline approximation. *SIAM Journal on Scientific and Statistical Computing*, 4(2):291–301, 1983. CODEN SIJCD4. ISSN 0196-5204.

Fox:1978:AFP

- [FHS78] P. A. Fox, A. D. Hall, and N. L. Schryer. Algorithm 528: Framework for a portable library [Z]. *ACM Trans. Math. Software*, 4(2):177–188, June 1978. CODEN ACMSCU. ISSN 0098-3500 (print), 1557-7295 (electronic). See remarks [Fox79, GG99].

Fox:1979:RFP

- [Fox79] Phyllis Fox. Remark on “Algorithm 528: Framework for a portable library [Z]”. *ACM Trans. Math. Software*, 5(4):524, December 1979. CODEN ACMSCU. ISSN 0098-3500 (print), 1557-7295 (electronic). See [FHS78].

Grosse:1983:PPL

- [GC83] E. H. Grosse and W. M. Coughran, Jr. The pine programming language. Numerical Analysis Manuscript 83-4, ATT Bell Laboratories, 1983. URL <ftp://cm.bell-labs.com/cm/cs/doc/92/pine.ps.gz>.

Gay:1999:SAF

- [GG99] David M. Gay and Eric Grosse. Self-adapting Fortran 77 machine constants: Comment on Algorithm 528. *ACM Trans. Math. Software*, 25(1):123–126, March 1999. CODEN CACMA2. ISSN 0001-0782 (print), 1557-7317 (electronic). URL <http://cm.bell-labs.com/who/ehg/mach/d1mach.ps>; <http://www.acm.org/pubs/citations/journals/toms/cgi-bin/TOMSbibget?Gay:1999:SAF>; <http://www.acm.org>.

org/pubs/citations/journals/
toms/cgi-bin/TOMScitation?Fox: [GM87]
1978:AFP; http://www.acm.
org:80/pubs/citations/journals/
toms/1999-25-1/p123-gay/. See
[FHS78].

Gaffney:1992:PEH

[GH92] P. W. Gaffney and E. N. Houstis, editors. *Programming environments for high-level scientific problem solving: Proceedings of the IFIP TC2/WG 2.5 Working Conference on Programming Environments for High-Level Scientific Problem Solving, Karlsruhe*. North-Holland, Amsterdam, The Netherlands, 1992. ISBN 0-444-89176-5. LCCN QA76.6 .I1782 1992.

Grosse:1994:IRS

[GH94] Eric Grosse and John D. Hobby. Improved rounding for spline coefficients and knots. *Mathematics of Computation*, 63(207):175–194, 1994. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic). URL <ftp://cm.bell-labs.com/cm/cs/doc/93/4-13.ps.gz>.

Grosse:2010:CCR

[GHR⁺10] Eric Grosse, John Howie, James Ransome, Jim Reavis, and Steve Schmidt. Cloud computing roundtable. *IEEE Security & Privacy*, 8(6):17–23, November/December 2010. CODEN ???? ISSN 1540-7993 (print), 1558-4046 (electronic).

Grosse:1987:UCB

Eric Grosse and Cleve Moler. Underflow can be harmful. *SIAM News*, 20(6):1, 1987. ISSN 0036-1437.

Grosse:2003:NPA

[GN03] Eric Grosse and Lakshman Y. N. Network processors applied to IPv4/IPv6 transition. *IEEE Network*, 17(4):35–39, 2003. CODEN IENEET. ISSN 0890-8044 (print), 1558-156x (electronic).

Grosse:1978:SRG

[Gro78] E. H. Grosse. Software restyling in graphics and programming languages. In ARL-78-3 [ARL78], pages 79–108.

Grosse:1980:TSA

[Gro80] Eric Grosse. Tensor spline approximation. *Linear Algebra and its Applications*, 34:29–41, 1980. CODEN LAAPAW. ISSN 0024-3795,1873-1856. URL [https://doi.org/10.1016/0024-3795\(80\)90157-3](https://doi.org/10.1016/0024-3795(80)90157-3).

Grosse:1981:AOE

[Gro81] E. H. Grosse. *Approximation and Optimization of Electron Density Maps*. PhD thesis, Stanford University Computer Science Department, 1981. STAN-CS-80-835.

Grosse:1985:CLP

[Gro85] Eric Grosse. Colors for level plots. Numerical Analysis Manuscript 85-1, ATT Bell Laboratories, 1985. URL <ftp://cm.bell-labs.com/cm/cs/doc/85/4-01.ps.gz>.

Grosse:1986:SSA

- [Gro86] Eric Grosse. Spectral spline approximation. In C. K. Chui, L. L. Schumaker, and J. D. Ward, editors, *Approximation Theory V*, pages 363–366 (of xviii + 654). Academic Press, New York, NY, USA, 1986. ISBN 0-12-174581-3. LCCN QA221 .I56 1986.

Grosse:1989:LMS

- [Gro89] Eric Grosse. LOESS: Multivariate smoothing by moving least squares. In C. K. Chui, L. L. Schumaker, and J. D. Ward, editors, *Approximation Theory VI*, pages 299–302. Academic Press, New York, NY, USA, 1989. ISBN 0-12-174587-2. LCCN QA221 .I56 1989.

Grosse:1990:CAA

- [Gro90a] Eric Grosse. A catalogue of algorithms for approximation. In Mason and Cox [MC90], pages 479–514 (of 514). ISBN 0-412-34580-3. LCCN QA221 .I54 1988. URL <ftp://cm.bell-labs.com/cm/cs/doc/catalog.ps.gz>.

Grosse:1990:NN

- [Gro90b] Eric Grosse. Netlib news. *SIGNUM Newsletter*, 1990. CODEN SNEWD6. ISSN 0163-5778 (print), 1558-0237 (electronic). URL <ftp://netlib.bell-labs.com/netlib/news/index.html.gz>. Oct 90, Jan 91, Apr 92.

Grosse:1991:HSW

- [Gro91a] Eric Grosse. How shall we connect our software tools. In *Visualization'91 Proceedings*, pages 292–296

(of xi + 437). IEEE, 1109 Spring Street, Suite 300, Silver Spring, MD 20910, USA, 1991. ISBN 0-8186-2245-8. LCCN Q174 .V56 1991. URL <ftp://cm.bell-labs.com/cm/cs/doc/91/4-08.ps.gz>.

Grosse:1991:NNB

- [Gro91b] Eric Grosse. Netlib news: big files. *SIGNUM Newsletter*, 26(4):4–5, October 1991. CODEN SNEWD6. ISSN 0163-5778 (print), 1558-0237 (electronic).

Grosse:1992:NNS

- [Gro92] Eric Grosse. Netlib news: Search for files. *SIGNUM Newsletter*, 27(3):2–4, July 1992. CODEN SNEWD6. ISSN 0163-5778 (print), 1558-0237 (electronic).

Grosse:1993:AVS

- [Gro93] Eric Grosse. Approximation in VLSI simulation. *Numerical Algorithms*, 5(1–4):591–601, 1993. CODEN NUALEG. ISSN 1017-1398 (print), 1572-9265 (electronic). URL <ftp://cm.bell-labs.com/cm/cs/doc/93/4-05.ps.gz>. Algorithms for approximation, III (Oxford, 1992).

Grosse:1995:RM

- [Gro95] Eric Grosse. Repository mirroring. *ACM Trans. Math. Software*, 21(1):89–97, March 1995. CODEN ACMSCU. ISSN 0098-3500 (print), 1557-7295 (electronic). URL <ftp://netlib.bell-labs.com/netlib/crc/mirror.ps.gz>.

- [Gro96] Eric Grosse. Network programming and CSE. *IEEE Computational Science & Engineering*, 3 (2):40–41, Summer 1996. CODEN ISCEE4. ISSN 1070-9924 (print), 1558-190X (electronic). Discusses the emergence of systems like Java and Inferno for scientific visualization.
- [Gro97] Eric Grosse. Real Inferno. In Boisvert [Boi97], pages 270–279. ISBN 0-412-80530-8. URL <ftp://cm.bell-labs.com/inferno/real.ps>.
- [GU13] Eric Grosse and Mayank Upadhyay. Authentication at scale. *IEEE Security & Privacy*, 11(1):15–22, January/February 2013. ISSN 1540-7993 (print), 1558-4046 (electronic). URL <http://www.computer.org/cms/Computer.org/ComputingNow/pdfs/AuthenticationAtScale.pdf>.
- [GW78] E. H. Grosse and M. H. Wright. Numerical analysis for model building and refinement. In *National Resource for Computation Chemistry workshop*, 1978.
- [JG76] C. Johnson and E. H. Grosse. Interpolation polynomials, minimal spanning trees and ridge-line analysis in density map interpretation. *American Crystallographic Association Program and Abstracts*, 4 (2):48, 1976. CODEN ACRABY. ISSN 0569-4221.
- [MC90] J. C. Mason and M. G. Cox, editors. *Algorithms for approximation II: based on the proceedings of the Second International Conference on Algorithms for Approximation, held at Royal Military College of Science, Shrivenham, July 1988*. Chapman and Hall, London, England, 1990. ISBN 0-412-34580-3. LCCN QA221 .I54 1988.
- [PFG83a] Wesley Petersen, Wolfgang Fichtner, and Eric Grosse. Distribution functions for ion ranges. Numerical analysis manuscript, ATT Bell Laboratories, 1983.
- [PFG83b] Wesley Petersen, Wolfgang Fichtner, and Eric Grosse. Vectorized Monte Carlo calculation for the transport of ions in amorphous targets. *IEEE Trans. on Electron Devices*, ED-30:1011–1017, 1983.
- [STO85] *Proceedings of the Seventeenth Annual ACM Symposium on Theory of Computing, Providence, Rhode Island, May 6–8, 1985*. ACM Press, New York, NY 10036, USA, 1985. ISBN 0-89791-151-2. LCCN QA 76.6 A13 1985.
- [USE02] USENIX, editor. *Proceedings of the 11th USENIX Security Symposium 2002, August 5–9, 2002, San*

Francisco CA. USENIX, Berkeley, CA, USA, 2002. ISBN 1-931971-00-5. LCCN ????

Young:2001:PIP

- [YLS⁺01] Cliff Young, Y. N. Lakshman, Tom Szymanski, John Reppy, David Presotto, Rob Pike, Girija Narlikar, Sape Mullender, and Eric Grosse. Protium, and infrastructure for partitioned applications. In *Eighth IEEE Workshop on Hot Topics in Operating Systems (HotOS-VIII)*. May 20–23, 2001, Schloss Elmau, Germany, pages 41–46. IEEE, 1109 Spring Street, Suite 300, Silver Spring, MD 20910, USA, 2001. ISBN 0-7695-1040-X. US\$135.00. URL <http://computer.org/CSPRESS/CATALOG/pr01040.htm>; <http://i30www.ira.uka.de/conferences/HotOS/>. IEEE catalog number PR01040.