

# A Bibliography of Publications of Eric Grosse

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## Abstract

This bibliography records publications of Eric Grosse.

## Title word cross-reference

$\delta^2$  [BDG81].

-Formula [BDG81].

11th [USE02]. 15th [ARL78].

528 [FHS78, GG99].

77 [GG99].

9 [CGP<sup>+</sup>02].

Access [BG95]. ACM [STO85]. adapting [GG99]. Additive [FGS83]. Aitken [BDG81]. Alabama [ARL78]. Algorithm

[FHS78, Fox79, GG99]. Algorithms [CDG88, Gro90a]. Amorphous [PFG83b]. Analysis [ARL78, CCG<sup>+</sup>76, CGR87, GW78, JG76]. Analyzer [CGR83]. Animation [CG90a, CG90b]. Annual [STO85]. Applications [YLS<sup>+</sup>01]. Applied [BCG94, GN03]. Approximation [FGS83, Gro80, Gro81, Gro86, Gro90a, Gro93]. Arc [BG87]. Army [ARL78]. Arsenal [ARL78]. Aspects [CGR87]. Assessment [Boi97]. Asymptotic [BDG81]. Attenuated [BOG87]. August [USE02]. Authentication [GU13].

be [GM87]. Bifurcations [CGP92]. big [Gro91b]. Building [DGG<sup>+</sup>08, GW78].

CA [USE02]. Calculation [PFG83b]. can [GM87]. Carlo [PFG83b]. Catalogue [Gro90a]. CAzM [CGR83]. Characteristics [CGP92]. Characterization [BOG87]. Charges

[CFG89]. **Circuit** [CGR83, CGR87]. **Circuit-Analyzer** [CGR83]. **Circuits** [BCF<sup>+</sup>85]. **Circular** [BG87]. **Cloud** [GHR<sup>+</sup>10]. **Coefficients** [GH94]. **Colors** [Gro85]. **Command** [ARL78]. **Comment** [GG99]. **Community** [DGG<sup>+</sup>08]. **Computational** [CDG88, CG91a, CGR87]. **Computers** [ARL78]. **Computing** [STO85, BBD95, CG89, CGP92, DGG<sup>+</sup>08, GHR<sup>+</sup>10]. **Conference** [ARL78, Boi97, GH92]. **Conformal** [BG87]. **Connect** [Gro91a]. **Constants** [GG99]. **Control** [BG95]. **Coupled** [BCG94]. **Cryptographic** [FGR92]. **CSE** [Gro96]. **Current** [CGP92]. **Current-Voltage** [CGP92].

**Data** [BBD95]. **Decomposition** [BCG94]. **Density** [Gro81, JG76]. **Development** [ARL78]. **Device** [CFG89]. **Devices** [BCF<sup>+</sup>85, CGP92]. **Digital** [BBD95]. **Diminishing** [CGR86]. **Display** [CG91b]. **Distributed** [BDG<sup>+</sup>95]. **Distribution** [DG85, DG87, PFG83a]. **Domain** [ADG87, BCG94]. **Dynamic** [CG91c].

**Editor** [CG83]. **Electron** [Gro81]. **Electronic** [DG87, DG85]. **Electronically** [DG89]. **Enhancement** [Boi97]. **environments** [GH92]. **Equations** [BCG94]. **Expansions** [BDG81]. **Extracting** [CFG89]. **Extrapolation** [BDG81].

**Files** [Gro92, Gro91b]. **Filtered** [BG95]. **Finding** [ADG87]. **Fingered** [BFG85]. **Fitting** [CDG88, CFG89]. **Folds** [CGP92]. **Formula** [BDG81]. **Fortran** [GG99]. **Framework** [FHS78, Fox79]. **Francisco** [USE02]. **Functions** [CG91b, PFG83a].

**Gradient** [CFG89]. **Graphics** [Gro78]. **Grove** [CG83]. **Guide** [CCG<sup>+</sup>76].

**Hand** [BFG85]. **Harmful** [GM87]. **Hearing** [CG91c]. **high** [GH92]. **high-level** [GH92].

**IFIP** [Boi97, GH92]. **Improved** [GH94]. **Independent** [BDG<sup>+</sup>95]. **Inferno** [Gro97]. **Infrastructure** [YLS<sup>+</sup>01]. **Interpolation** [JG76]. **Interpretation** [JG76]. **Ion** [PFG83a]. **Ions** [PFG83b]. **IPv4** [GN03]. **IPv4/IPv6** [GN03]. **IPv6** [GN03]. **Island** [STO85].

**July** [Boi97].

**Karlsruhe** [GH92]. **Kingdon** [Boi97]. **Knots** [GH94].

**Language** [GC83]. **Languages** [CG79, Gro78]. **Least** [Gro89]. **Level** [Gro85, GH92]. **Library** [CCG<sup>+</sup>76, CCGH80, FHS78, Fox79]. **line** [JG76]. **Lists** [FGR92]. **Local** [BG95, CDG88, CG91a, CGS91]. **Location** [BDG<sup>+</sup>95]. **Location-Independent** [BDG<sup>+</sup>95]. **Loess** [CG91c, Gro89].

**Machine** [GG99]. **Macromodeling** [CGR83]. **Mail** [DG87, DG85]. **Map** [JG76]. **Mapping** [BG87]. **Maps** [Gro81]. **Mathematical** [ADG87, BDGR95, DG87, DG89, DG85]. **May** [STO85]. **Membership** [FGR92]. **Methods** [CDG88, CG91a]. **Minimal** [JG76]. **Mirroring** [Gro95]. **Missile** [ARL78]. **Model** [GW78]. **Models** [CGS91]. **Modified** [BDG81]. **Monte** [PFG83b]. **Moving** [Gro89]. **Multi** [BFG85]. **Multi-Fingered** [BFG85]. **Multidimensional** [FGS83]. **Multilayer** [BOG87]. **Multivariate** [Gro89].

**NA-Net** [DGG<sup>+</sup>08]. **Naming** [BDG<sup>+</sup>95]. **NAPLUG** [CCG<sup>+</sup>76]. **Net** [DGG<sup>+</sup>08]. **Netlib** [Gro90b, BDGR95, DGG<sup>+</sup>08, Gro91b, Gro92]. **Network** [Gro96, GN03]. **News**

[Gro90b, Gro92, Gro91b]. **Non** [BGR88]. **Non-Obtuse** [BGR88]. **Nondestructive** [BOG87]. **Numerical** [ARL78, Boi97, CCG<sup>+</sup>76, CCGH80, CG79, GW78].

**Obtuse** [BGR88]. **Optimization** [Gro81]. **Our** [Gro91a]. **Oxford** [Boi97].

**Parallel** [BCG94]. **Partitioned** [YLS<sup>+</sup>01]. **Philosophy** [CG89]. **Pine** [GC83]. **Plan** [CGP<sup>+</sup>02]. **Plots** [Gro85]. **Polygons** [BGR88, BG87, CG91b]. **Polynomials** [JG76]. **Portable** [FHS78, Fox79]. **Prehension** [BFG85]. **problem** [GH92]. **Proceedings** [STO85, ARL78, Boi97, GH92, USE02]. **Processors** [GN03]. **Program** [CCG<sup>+</sup>76]. **Programming** [GH92, Gro78, GC83, Gro96]. **Properties** [CDG88]. **Protection** [FGR92]. **Protium** [YLS<sup>+</sup>01]. **Providence** [STO85]. **Public** [ADG87].

**Quality** [Boi97].

**Ranges** [PFG83a]. **Real** [Gro97]. **Redstone** [ARL78]. **Refinement** [GW78]. **Reflection** [BOG87]. **Regression** [CDG88, CG91a, CGS91]. **Remark** [Fox79]. **Repositories** [BBD95, BDG<sup>+</sup>95]. **Repository** [Gro95, BDGR95]. **Research** [ARL78]. **Resonant** [BOG87]. **Restyling** [Gro78]. **Rhode** [STO85]. **Ridge** [JG76]. **Ridge-line** [JG76]. **Rounding** [GH94]. **Roundtable** [GHR<sup>+</sup>10].

**San** [USE02]. **Scale** [GU13]. **Scientific** [BBD95, CG89, CG90a, CG90b, DGG<sup>+</sup>08, GH92]. **Search** [Gro92]. **Security** [CGP<sup>+</sup>02, USE02]. **Seeing** [CG91c]. **Self** [GG99]. **Self-adapting** [GG99]. **Semiconductor** [CGP92]. **Seventeenth** [STO85]. **Shaded** [CG91b]. **Shall** [Gro91a]. **Shopping** [DG89]. **Silicon** [BCF<sup>+</sup>85].

**Simulation** [BCF<sup>+</sup>85, CGR86, Gro93]. **Simulations** [CFG89]. **Smoothing** [Gro89]. **Software** [ADG87, BBD95, Boi97, BDG<sup>+</sup>95, BDGR95, CG79, DG87, DG89, Gro78, Gro91a, DG85]. **solving** [GH92]. **Sound** [CG91b]. **Space** [CG91b]. **Spanning** [JG76]. **Spectral** [Gro86]. **Spectroscopy** [BOG87]. **Spline** [FGS83, Gro80, Gro86, GH94]. **Splines** [CGR86]. **Squares** [Gro89]. **Stable** [BFG85]. **Structures** [BOG87]. **Support** [BBD95, CCGH80]. **Surfaces** [CG91c]. **Symposium** [STO85, USE02].

**Targets** [PFG83b]. **TC2** [Boi97, GH92]. **TC2/WG** [Boi97, GH92]. **Techniques** [CG90a, CG90b]. **Tensor** [Gro80]. **Theory** [STO85]. **Three** [CG91b]. **Time** [CG91b]. **Tools** [CG89, Gro91a]. **Total** [BOG87]. **Transient** [BCF<sup>+</sup>85]. **Transistor** [CFG89]. **Transition** [GN03]. **Transport** [BCG94, PFG83b]. **Trees** [JG76]. **Triangulation** [BGR88].

**U.S** [ARL78]. **Underflow** [GM87]. **United** [Boi97]. **User** [CCG<sup>+</sup>76]. **Using** [CG91b].

**Variables** [CG91b]. **Variation** [CGR86]. **Vectorized** [PFG83b]. **Via** [DG87, DG85]. **video** [CG90b]. **Virtual** [BDG<sup>+</sup>95]. **VLSI** [Gro93]. **Voltage** [CGP92].

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

**Z** [FHS78, Fox79].

## References

Astfalk:1987:FPD

[ADG87] Greg Astfalk, Jack Dongarra, and Eric Grosse. Finding public domain mathematical software. Nu-

merical Analysis Manuscript 87-5, AT&T Bell Laboratories, Murray Hill, NJ, USA, 1987.

**ARO:1978:PAN**

- [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.

**Boisvert:1995:DSD**

- [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.

**Bank:1985:TSS**

- [BCF<sup>+</sup>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).

**Bjorstad:1994:PDD**

- [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>.

**Bjorstad:1981:EAE**

- [BDG81] Petter E. Bjørstad, Germund Dahlquist, and Eric H. Grosse. Extrapolation of asymptotic expansions by a modified Aitken  $\delta^2$ -formula. *BIT*, 21(1):56–65, 1981. CODEN BITTEL, NBITAB. ISSN 0006-3835 (print), 1572-9125 (electronic).

**Browne:1995:LIN**

- [BDG<sup>+</sup>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] P. E. Bjorstad and E. H. Grosse. Conformal mapping of circular arc polygons. *SIAM J. Sci. Stat. Comput.*, 8:19–32, 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:NOT**

- [BGR88] Brenda Baker, Eric Grosse, and Conor Rafferty. Non-obtuse triangulation of polygons. *J. Discrete and Computational Geometry*, 3:147–168, 1988. URL <http://cm.bell-labs.com/cm/cs/doc/85/nonobtuse.pdf>.

**Bosacchi:1987:NCM**

- [BOG87] Bruno Bosacchi, Robert C. Oehrle, 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. *J. Econometrics*, 37:87–114, 1988.

**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 *Interface'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.
- [CGP<sup>+</sup>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>.
- [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.
- [CGR86] William M. Coughran, Jr., Eric Grosse, and Donald J. Rose. Variation diminishing splines in simulation. *SIAM J. Sci. Stat. Comput.*, 7:696–705, 1986. CODEN SIJCD4. ISSN 0196-5204.
- [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.
- [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.
- [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).
- [DG87] Jack J. Dongarra and Eric Grosse. Distribution of mathematical software via electronic mail. *Communications of the ACM*, 30:403–407, 1987.
- [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.

**Cox:2002:SP9**

**Cleveland:1991:LRM**

**Coughran:1983:CCA**

**Dongarra:1985:DMS**

**Coughran:1986:VDS**

**Dongarra:1987:DMS**

**Coughran:1987:ACC**

**Dongarra:1989:SMS**

- Dongarra:2008:NNB**
- [DGG<sup>+</sup>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 IAHCX. 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] J. H. Friedman, E. H. Grosse, and W. Stuetzle. Multidimensional additive spline approximation. *SIAM J. Sci. Stat. Comput.*, 4:291–301, 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/pubs/citations/journals/toms/cgi-bin/TOMScitation?Fox: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.
- [GH94] Eric Grosse and John D. Hobby. Improved rounding for spline coefficients and knots. *Math. Comp.*, 63(207):175–194, 1994. CODEN MCMPAF. ISSN 0025-5718 (paper), 1088-6842 (electronic). URL <ftp://cm.bell-labs.com/cm/cs/doc/93/4-13.ps.gz>.
- [GHR<sup>+</sup>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).
- [GM87] Eric Grosse and Cleve Moler. Underflow can be harmful. *SIAM News*, 20(6):1, 1987. ISSN 0036-1437.
- [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).
- [Gro78] E. H. Grosse. Software restyling in graphics and programming languages. In ARL-78-3 [ARL78], pages 79–108.
- [Gro80] E. H. Grosse. Tensor spline approximation. *Linear Algebra and Its Applications*, 34:29–41, 1980.
- [Gro81] E. H. Grosse. *Approximation and Optimization of Electron Density Maps*. PhD thesis, Stanford University Computer Science Department, 1981. STAN-CS-80-835.
- [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>.
- [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.
- [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,

**Grosse:1978:SRG****Grosse:1980:TSA****Grosse:1981:AOE****Grosse:1985:CLP****Grosse:1986:SSA****Grosse:1989:LMS****Grosse:1994:IRS****Grosse:2010:CCR****Grosse:1987:UCB****Grosse:2003:NPA**

- 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 J. Mason and M. Cox, editors, *Algorithms for Approximation II*, pages 479–514 (of 514). Chapman and Hall, London, England, 1990. 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*, 5:591–601, 1993. CODEN NUALEG. ISSN 1017-1398 (print), 1572-9265 (electronic). URL <ftp://cm.bell-labs.com/cm/cs/doc/93/4-05.ps.gz>.
- 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>.
- Grosse:1996:NPC**
- [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.
- Grosse:1997:RI**
- [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>. **Grosse:2013:AS**
- [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>. **Grosse:2013:AS**
- [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. **ACM:1985:PSA**
- [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 ????. **USENIX:2002:PUS**
- [GW78] E. H. Grosse and M. H. Wright. Numerical analysis for model building and refinement. In *National Resource for Computation Chemistry workshop*, 1978. **Grosse:1978:NAM**
- [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. **Johnson:1976:IPM**
- [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. **Johnson:1976:IPM**
- [YLS<sup>+</sup>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, Schoss 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. **Young:2001:PIP**
- [PFG83a] Wesley Petersen, Wolfgang Fichtner, and Eric Grosse. Distribution functions for ion ranges. Numerical analysis manuscript, ATT Bell Laboratories, 1983. **Petersen:1983:DFI**
- [PFG83a] Wesley Petersen, Wolfgang Fichtner, and Eric Grosse. Distribution functions for ion ranges. Numerical analysis manuscript, ATT Bell Laboratories, 1983. **Petersen:1983:DFI**
- [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. **Petersen:1983:VMC**
- [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. **Petersen:1983:VMC**