A Bibliography of Publications in the *Maple Newsletter* and the *Maple Technical Newsletter*

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3 [Isb94]. $3n + 1$ [Gon91]. 6 [Isb94]. D [MD92]. $d^l_{mn}(\beta)$ [Isb94]. $\sqrt{(2)}$ [GS93]. W [CGHJ93]. $x^2 \equiv a \bmod n$ [Vah93].

-j [Isb94].

2 [AL93, Mon88a].

3 [Mon94b]. **3D** [HK97]. **3D-graphics** [HK97].

4 [HT96, Lee96, Mon95a]. **4.0** [Ano87a, Mon88a]. **4.1** [Ano88e]. **4.2** [Ano88f]. **4.3** [Sco88].

5.3 [CTvB95].

Aberration [Dit96]. **Aberrations** [Mur97]. **ACE** [KLL+97]. **Acknowledgements** [Ano92a, Ano92b, Ano93a, Ano93b, Ano94b]. **Active** [ER97]. **Advances** [Ano87a]. **Aided** [Mul96]. **Air** [NQC+98]. **Airborne** [GN97]. **Algae** [AAK+97]. **Algebra** [Ano88c, Hau94, Hau95, BH95, Man96, Mon93b]. **Algebraic** [KLL+97, Ryb92, SKT96, FM91]. **Algorithm** [PVM97]. **Algorithmic** [MD92]. **Algorithms** [Pir95]. **aliases** [FM91]. **American** [Fee91, Gon88]. **AMM** [Fee89, Gon89a]. **Analysis** [AL93, BPS94, BPU98, Ged91, HRR96, Low98, MW96, Mea95, MD98, Par98, PL93, RS91, RR93, RF96]. **Analytical** [CTvB95, Mur97]. **Analyze** [GN97]. **Analyzer** [Rie96]. **Analyzing** [BC97, PVM97]. **Anisotropic** [MS98]. **Announcement** [Mon88a].

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[Fee91, Ham95, Lop94b, Sac97]. **Equations** [AT94, BM97b, Bri95, CTvB95, Cyg96, Cza95, Dit96, GJS94, GM97, Her97, Lab95, Len98, AL95, Mea95, Ogu98, SH94, TM93, SKT96, Aru97]. **Equilibria** [Tay94]. **Estimation** [BK96, AL95]. **Evaluation** [Far95, Gra92]. **Evaporator** [KTT98]. **Exact** [Cza95, Lop94a, Mon92]. **Examples** [Gon88]. **Expansions** [HM94]. **Exploratory** [MD98]. **Exponentials** [Sco91b]. **Exponents** [GM88]. **Extended** [Ryb92].

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References

Agler:1997:RCA

[AAK+97] Heather Agler, Aaron Ahearn, Anne Kitchell, Nicole Lopanik, Heather Miller, Matthew Miller, and David S. Wethey. Resource competition in algae: A class project in mathematical biology. *Maple Technical Newsletter*, 4 (2):78–85, 1997. ISSN 1061-5733.

Argent:1993:EAM

[AL93] Jason Argent and Tom Lee. Engineering applications of Maple V Release 2: Analysis and design of machines. *Maple Technical Newsletter*, 0(9):54–61, Spring 1993. ISSN 1061-5733. URL `http://www.can.nl/Systems_and_Packages/Per_Purpose/General/Maple/mtn/mtn9.html`.

Lopez:1995:PGE

[AL95] N. E. Abrouk and R. J. Lopez. Population genetics: Estimation of distributions through systems of non-linear differential equations. *Maple Technical Newsletter*, 2(1):??, Spring 1995. ISSN 1061-5733. URL `http://web.mit.edu/afs/athena.mit.edu/software/maple/www/plibrary/mtn/mtn-v2n1.html`.

Anonymous:1987:AMa

[Ano87a] Anonymous. Advances with Maple 4.0. *Maple Newsletter*, 0(1):??, January 1987. ISSN 1074-3790. URL `http://www.can.nl/Systems_and_Packages/Per_Purpose/General/Maple/mtn/mtn1.html`.

Anonymous:1987:AMb

[Ano87b] Anonymous. Availability of Maple. *Maple Newsletter*, 0(1):??, January 1987. ISSN 1074-3790. URL `http://www.can.nl/Systems_and_Packages/Per_Purpose/General/Maple/mtn/mtn1.html`.

Anonymous:1987:BHM

[Ano87c] Anonymous. A brief history of Maple. *Maple Newsletter*, 0(1):??, January 1987. ISSN 1074-3790. URL `http://www.can.nl/Systems_and_Packages/Per_Purpose/General/Maple/mtn/mtn1.html`.

Anonymous:1987:QA

[Ano87d] Anonymous. Questions and answers. *Maple Newsletter*, 0(1):??, January 1987. ISSN 1074-3790. URL `http://www.can.nl/Systems_and_`

Packages/Per_Purpose/General/Maple/mtn/mtn1.html.

Anonymous:1988:AMa

[Ano88a] Anonymous. Availability of Maple. *Maple Newsletter*, 0(2):??, January 1988. ISSN 1074-3790. URL http://www.can.nl/Systems_and_Packages/Per_Purpose/General/Maple/mtn/mtn2.html.

Anonymous:1988:AMb

[Ano88b] Anonymous. Availability of Maple. *Maple Newsletter*, 0(3):??, July 1988. ISSN 1074-3790. URL http://www.can.nl/Systems_and_Packages/Per_Purpose/General/Maple/mtn/mtn3.html.

Anonymous:1988:CAS

[Ano88c] Anonymous. Computer algebra systems in education. *Maple Newsletter*, 0(2):??, January 1988. ISSN 1074-3790. URL http://www.can.nl/Systems_and_Packages/Per_Purpose/General/Maple/mtn/mtn2.html.

Anonymous:1988:QA

[Ano88d] Anonymous. Questions and answers. *Maple Newsletter*, 0(2):??, January 1988. ISSN 1074-3790. URL http://www.can.nl/Systems_and_Packages/Per_Purpose/General/Maple/mtn/mtn2.html.

Anonymous:1988:WNMa

[Ano88e] Anonymous. What's new in Maple 4.1. *Maple Newsletter*, 0(2):??, January 1988. ISSN 1074-3790. URL http://www.can.nl/Systems_and_Packages/Per_Purpose/General/Maple/mtn/mtn2.html.

Anonymous:1988:WNMb

[Ano88f] Anonymous. What's new in Maple 4.2. *Maple Newsletter*, 0(3):??, July 1988. ISSN 1074-3790. URL http://www.can.nl/Systems_and_Packages/Per_Purpose/General/Maple/mtn/mtn3.html.

Anonymous:1991:NAF

[Ano91] Anonymous. News and announcements: Features of Maple V. *Maple Technical Newsletter*, 0(5):??, Winter 1991. ISSN 1061-5733. URL http://www.can.nl/Systems_and_Packages/Per_Purpose/General/Maple/mtn/mtn5.html.

Anonymous:1992:Aa

[Ano92a] Anonymous. Acknowledgements. *Maple Technical Newsletter*, 0(7):56, Spring 1992. ISSN 1061-5733.

Anonymous:1992:Ab

[Ano92b] Anonymous. Acknowledgements. *Maple Technical Newsletter*, 0(8):61, Fall 1992. ISSN 1061-5733.

Anonymous:1992:GAa

[Ano92c] Anonymous. Guidelines for authors. *Maple Technical Newsletter*, 0(7):56, Spring 1992. ISSN 1061-5733.

Anonymous:1992:GAb

[Ano92d] Anonymous. Guidelines for authors. *Maple Technical Newsletter*, 0(8):61, Fall 1992. ISSN 1061-5733.

Anonymous:1992:MVA

[Ano92e] Anonymous. Maple V and AVS. *Maple Technical Newsletter*, 0 (7):9–10, Spring 1992. ISSN 1061-5733.

Anonymous:1992:NAa

[Ano92f] Anonymous. News and announcements. *Maple Technical Newsletter*, 0(7):4–8, Spring 1992. ISSN 1061-5733.

Anonymous:1992:NAb

[Ano92g] Anonymous. News and announcements. *Maple Technical Newsletter*, 0(8):4–15, Fall 1992. ISSN 1061-5733.

Anonymous:1993:Aa

[Ano93a] Anonymous. Acknowledgements. *Maple Technical Newsletter*, 0(9):78, Spring 1993. ISSN 1061-5733.

Anonymous:1993:Ab

[Ano93b] Anonymous. Acknowledgements. *Maple Technical Newsletter*, 0(10):94, Fall 1993. ISSN 1061-5733.

Anonymous:1993:GA

[Ano93c] Anonymous. Guidelines for authors. *Maple Technical Newsletter*, 0(9):77, Spring 1993. ISSN 1061-5733.

Gruntz:1993:FMUb

[Ano93d] Anonymous. Guidelines for authors. *Maple Technical Newsletter*, 0(10):93, Fall 1993. ISSN 1061-5733.

Anonymous:1993:NAa

[Ano93e] Anonymous. News and announcements. *Maple Technical Newsletter*, 0(9):4–11, Spring 1993. ISSN 1061-5733.

Anonymous:1993:NAb

[Ano93f] Anonymous. News and announcements. *Maple Technical Newsletter*, 0(10):6–9, Fall 1993. ISSN 1061-5733.

Anonymous:1994:AAT

[Ano94a] Anonymous. About the articles and their authors. *Maple Technical Newsletter*, 0:2–5, 1994. ISSN 1061-5733. Maple in Mathematics and the Sciences — A Special issue.

Anonymous:1994:A

[Ano94b] Anonymous. Acknowledgements. *Maple Technical Newsletter*, 1(1):94, Spring 1994. ISSN 1061-5733.

Anonymous:1994:GA

[Ano94c] Anonymous. Guidelines for authors. *Maple Technical Newsletter*, 1(1):93, Spring 1994. ISSN 1061-5733.

Anonymous:1994:NA

[Ano94d] Anonymous. News and announcements. *Maple Technical Newsletter*, 1(1):4–6, Spring 1994. ISSN 1061-5733.

Aruliah:1997:VFS

[Aru97] D. A. Aruliah. Visualizing the Frenet-Serret equations. *Maple Technical Newsletter*, 4(1):105–110, Winter 1997. ISSN 1061-5733. Special issue on Maple in the mathematical sciences.

Alpers:1998:FME

[AS98] Burkhard Alpers and Stephan Steeb. Flexible mechanical engineering guidelines — A Maple-based tool for cam design. *Maple Technical Newsletter*, 5(2–3):40–48, 1998. ISSN 1061-5733.

Adams:1994:TMI

[AT94] Steve A. Adams and Ross Taylor. Thermodynamics with Maple: III thermodynamic property relations and the Maxwell equations. *Maple Technical Newsletter*, 1(2):68–81, Fall 1994. ISSN 1061-5733. URL `http://www.can.nl/Systems_and_Packages/Per_Purpose/General/Maple/mtn/mtnv1n2.html`. See also [TM93, Tay94, Tay96].

Ayotte:1995:SCG

[Ayo95] K. W. Ayotte. Source code generation for linear and non-linear numerical models using Maple. *Maple Technical Newsletter*, 2(1):??, Spring 1995. ISSN 1061-5733. URL `http://web.mit.edu/afs/athena.mit.edu/software/maple/www/plibrary/mtn/mtn-v2n1.html`.

Bacher:1997:CSN

[Bac97] Rainer Bacher. Combining symbolic and numeric tools for power system network optimization. *Maple Technical Newsletter*, 4(2):41–51, 1997. ISSN 1061-5733.

Bauschke:1997:APM

[BC97] Heinz H. Bauschke and Robert M. Corless. Analyzing a projection method with Maple. *Maple Technical Newsletter*, 4(1):2–7, Winter 1997. ISSN 1061-5733. Special issue on Maple in the mathematical sciences.

Loeb:1995:IUC

[BDL95] A. Bottreau, A. Di Bucchianico, and D. Loeb. Implementation of an umbral calculus package. *Maple Technical Newsletter*, 2(2):??, Fall 1995. ISSN 1061-5733. URL `http://web.mit.edu/afs/athena.mit.edu/software/maple/www/plibrary/mtn/mtn-v2n2.html`.

Hirst:1995:IEI

[BH95] W. C. Bauldry and H. P. Hirst. Investigating eigensystems in an introductory linear algebra course. *Maple Technical Newsletter*, 2(2):??, Fall 1995. ISSN 1061-5733. URL `http://web.mit.edu/afs/athena.mit.edu/software/maple/www/plibrary/mtn/mtn-v2n2.html`.

Bohoris:1996:WPP

[BK96] G. Bohoris and P. A. Kostagiolas. Weibull probability plot and maximum like-

lihood estimation of its parameters. *Maple Technical Newsletter*, 3(1):??, ???? 1996. ISSN 1061-5733. URL `http://web.mit.edu/afs/athena.mit.edu/software/maple/www/plibrary/mtn/mtn-v3n1.html`. Special Issue featuring Engineering Applications.

Borwein:1992:MHP

[BL92] Jonathan M. Borwein and Mark A. Limber. Maple as a high precision calculator. *Maple Technical Newsletter*, 0(8):39–44, Fall 1992. ISSN 1061-5733. URL `http://www.can.nl/Systems_and_Packages/Per_Purpose/General/Maple/mtn/mtn8.html`.

Borwein:1997:AGM

[BLM97] Jonathan A. Borwein, Petr Lisonek, and John A. Macdonald. Arithmetic-geometric means revisited. *Maple Technical Newsletter*, 4(1):20–27, Winter 1997. ISSN 1061-5733. Special issue on Maple in the mathematical sciences.

Borwein:1997:NEW

[BM97a] Jon Borwein and Michael Monagan. A note from the Editors: Winter 1997, vol. 4, no. 1. *Maple Technical Newsletter*, 4(1):1, Winter 1997. ISSN 1061-5733. Special issue on Maple in the mathematical sciences.

Borwein:1997:DEM

[BM97b] Jonathan Borwein and Michael Monagan. Differential equations in Maple: A short tutorial. *Maple Technical Newsletter*, 4(1):55–58, Winter 1997. ISSN 1061-5733. Special issue on Maple in the mathematical sciences.

Belfiore:1994:KPF

[BPS94] Nicola Pio Belfiore, Ettore Pennestri, and Rosario Sinatra. Kinematic and power-flow analysis of epicyclic gear drives. *Maple Technical Newsletter*, 1(1):47–55, Spring 1994. ISSN 1061-5733. URL `http://www.can.nl/Systems_and_Packages/Per_Purpose/General/Maple/mtn/mtnv1n1.html`.

Brutti:1998:KAS

[BPU98] Carlo Brutti, Ettori Pennestrì, and Fabrizio Urbinati. Kinematic analysis of spatial mechanisms by means of Maple. *Maple Technical Newsletter*, 5(2–3):49–57, 1998. ISSN 1061-5733.

Briggs:1995:FPS

[Bri95] K. Briggs. Formal power series solution of functional equations. *Maple Technical Newsletter*, 2(2):??, Fall 1995. ISSN 1061-5733. URL `http://web.mit.edu/afs/athena.mit.edu/software/maple/www/plibrary/mtn/mtn-v2n2.html`.

Carminati:1994:AMG

[Car94] J. Carminati. Application of Maple to general relativity. *Maple Technical Newsletter*, 0:43–48, 1994. ISSN 1061-5733. Maple in Mathematics and the Sciences — A Special issue.

Calpaert:1997:HBM

[CC97] Jan Calpaert and Douglas Curran. A Hopf bifurcation in a model of a national economy. *Maple Technical Newsletter*, 4 (1):88–91, Winter 1997. ISSN 1061-5733. Special issue on Maple in the mathematical sciences.

Capolsini:1996:MMC

[CG96] P. Capolsini and C. Gomez. MacroC and Macrofort: C and Fortran code generation within Maple. *Maple Technical Newsletter*, 3(1):??, ???? 1996. ISSN 1061-5733. URL `http://web.mit.edu/afs/athena.mit.edu/software/maple/www/plibrary/mtn/mtn-v3n1.html`. Special Issue featuring Engineering Applications.

Corless:1993:LFM

[CGHJ93] Robert M. Corless, Gaston H. Gonnet, D. E. G. Hare, and David J. Jeffrey. Lambert's W function in Maple. *Maple Technical Newsletter*, 0(9):12–22, Spring 1993. ISSN 1061-5733. URL `http://www.can.nl/Systems_and_Packages/Per_Purpose/General/Maple/mtn/mtn9.html`.

Corless:1994:SAF

[CM94] Robert M. Corless and Michael B. Monagan. Simplification and the Assume facility. *Maple Technical Newsletter*, 1(1):24–31, Spring 1994. ISSN 1061-5733. URL `http://www.can.nl/Systems_and_Packages/Per_Purpose/General/Maple/mtn/mtnv1n1.html`.

Corless:1996:SEM

[Cor96] R. M. Corless. Simple engineering mathematics with Maple. *Maple Technical Newsletter*, 3(1):??, ???? 1996. ISSN 1061-5733. URL `http://web.mit.edu/afs/athena.mit.edu/software/maple/www/plibrary/mtn/mtn-v3n1.html`. Special Issue featuring Engineering Applications.

Bulow:1995:MPA

[CTvB95] E. S. Cheb-Terrab and K. von Bülow. A Maple 5.3 package for the analytical solving of partial differential equations. *Maple Technical Newsletter*, 2(2):??, Fall 1995. ISSN 1061-5733. URL `http://web.mit.edu/afs/athena.mit.edu/software/maple/www/plibrary/mtn/mtn-v2n2.html`.

Cyganowski:1996:SSD

[Cyg96] S. Cyganowski. Solving stochastic differential equations with MAPLE. *Maple Technical Newsletter*, 3(2):??, November 1996. ISSN 1061-5733. URL `http://web.mit.edu/afs/athena.mit.edu/software/maple/www/plibrary/mtn/mtn-v3n2.html`.

Czapor:1995:MES

[Cza95] S. R. Czapor. Maple and exact solutions of Einstein's equations. *Maple Technical Newsletter*, 2(2):??, Fall 1995.

ISSN 1061-5733. URL http://web.mit.edu/afs/athena.mit.edu/software/maple/www/plibrary/mtn/mtn-v2n2.html.

Devitt:1988:PIP

[Dev88a] J. S. Devitt. Packages as an integral part of Maple. *Maple Newsletter*, 0(3):??, July 1988. ISSN 1074-3790. URL http://www.can.nl/Systems_and_Packages/Per_Purpose/General/Maple/mtn/mtn3.html.

Devitt:1988:SPM

[Dev88b] J. S. Devitt. A symbolic proof of the mean value theorem. *Maple Newsletter*, 0(3):??, July 1988. ISSN 1074-3790. URL http://www.can.nl/Systems_and_Packages/Per_Purpose/General/Maple/mtn/mtn3.html.

Devitt:1989:FPM

[Dev89] J. S. Devitt. The full power of Maple on a Mac Plus. *Maple Newsletter*, 0(4):??, January 1989. ISSN 1074-3790. URL http://www.can.nl/Systems_and_Packages/Per_Purpose/General/Maple/mtn/mtn4.html.

Ditteon:1994:UMS

[Dit94] Richard Ditteon. Using Maple in the selection of glasses for telescope objectives. *Maple Technical Newsletter*, 1(2):62–67, Fall 1994. ISSN 1061-5733. URL http://www.can.nl/Systems_and_Packages/Per_Purpose/General/Maple/mtn/mtnv1n2.html.

Ditteon:1996:SAP

[Dit96] R. Ditteon. Solving the aberration and power equations for the Cooke triplet lens. *Maple Technical Newsletter*, 3(2):??, November 1996. ISSN 1061-5733. URL http://web.mit.edu/afs/athena.mit.edu/software/maple/www/plibrary/mtn/mtn-v3n2.html.

Salvy:1995:MPC

[DS95] P. Dumas and B. Salvy. Maple and the Putnam Competition. *Maple Technical Newsletter*, 2(2):??, Fall 1995. ISSN 1061-5733. URL http://web.mit.edu/afs/athena.mit.edu/software/maple/www/plibrary/mtn/mtn-v2n2.html.

Enns:1997:NPM

[EM97] Richard H. Enns and George C. McGuire. Nonlinear physics with Maple for scientists and engineers. *Maple Technical Newsletter*, 4(2):93–99, 1997. ISSN 1061-5733.

Elliott:1997:MRA

[ER97] C. J. H. Elliott and J. S. Robinson. Modeling the rhythmically active neuron R15 of the mollusc Aplysia using Maple and NAG. *Maple Technical Newsletter*, 4(2):6–14, 1997. ISSN 1061-5733.

Eberhart:1997:MDB

[EW97] Bernd Eberhart and Andreas Weber. Modeling the draping behavior of woven cloth. *Maple*

Technical Newsletter, 4(2):25–31, 1997. ISSN 1061-5733.

Fariborz:1995:FFE

[Far95] A. H. Fariborz. A form factor evaluation in heavy meson decay. *Maple Technical Newsletter*, 2(2):??, Fall 1995. ISSN 1061-5733. URL `http://web.mit.edu/afs/athena.mit.edu/software/maple/www/plibrary/mtn/mtn-v2n2.html`.

Fee:1989:APE

[Fee89] G. J. Fee. AMM problem E2983. *Maple Newsletter*, 0(4):??, January 1989. ISSN 1074-3790. URL `http://www.can.nl/Systems_and_Packages/Per_Purpose/General/Maple/mtn/mtn4.html`.

Fee:1991:NSD

[Fee91] Greg Fee. Numerical solution of a differential equation presented in the problem section of the American Mathematical Monthly. *Maple Technical Newsletter*, 0(5):??, Winter 1991. ISSN 1061-5733. URL `http://www.can.nl/Systems_and_Packages/Per_Purpose/General/Maple/mtn/mtn5.html`.

Feigelstock:1994:IGC

[Fei94] Shalom Feigelstock. Isomers, groups, and combinatorics. *Maple Technical Newsletter*, 1(2):82–85, Fall 1994. ISSN 1061-5733. URL `http://www.can.nl/Systems_and_Packages/Per_Purpose/General/Maple/mtn/mtnv1n2.html`.

Fee:1991:UDA

[FM91] Gregory Fee and Michael Monagan. User defined aliases and factorization over finite and algebraic number fields. *Maple Technical Newsletter*, 0(5):??, Winter 1991. ISSN 1061-5733. URL `http://www.can.nl/Systems_and_Packages/Per_Purpose/General/Maple/mtn/mtn5.html`.

Friel:1989:NAN

[Fri89] J. William Friel. News and announcements: Now, are you convinced? *Maple Newsletter*, 0(4):??, January 1989. ISSN 1074-3790. URL `http://www.can.nl/Systems_and_Packages/Per_Purpose/General/Maple/mtn/mtn4.html`.

Geddes:1991:NIU

[Ged91] Keith O. Geddes. Numerical integration using symbolic analysis. *Maple Technical Newsletter*, 0(6):??, Fall 1991. ISSN 1061-5733. URL `http://www.can.nl/Systems_and_Packages/Per_Purpose/General/Maple/mtn/mtn6.html`.

Geddes:1993:PNA

[Ged93] K. O. Geddes. A package for numerical approximation. *Maple Technical Newsletter*, 0(10):28–36, Fall 1993. ISSN 1061-5733. URL `http://www.can.nl/Systems_and_Packages/Per_Purpose/General/Maple/mtn/mtn10.html`.

Gander:1992:BP

[GG92] Walter Gander and Dominik Gruntz. The billiard problem. *Maple Technical Newsletter*, 0(7):44–49, Spring 1992. ISSN 1061-5733. URL `http://www.can.nl/Systems_and_Packages/Per_Purpose/General/Maple/mtn/mtn7.html`.

Giraldo:1997:ODD

[Gir97] Antonio Giraldo. One-dimensional dynamical systems. dynamical simulations of the transition to Chaos. *Maple Technical Newsletter*, 4(1):99–104, Winter 1997. ISSN 1061-5733. Special issue on Maple in the mathematical sciences.

Grotendorst:1994:SME

[GJS94] Johannes Grotendorst, Paul Jansen, and Siegfried M. Schoberth. On solving the McConnell equations in biochemistry. *Maple Technical Newsletter*, 1(1):63–68, Spring 1994. ISSN 1061-5733. URL `http://www.can.nl/Systems_and_Packages/Per_Purpose/General/Maple/mtn/mtnv1n1.html`.

Koepf:1995:MPF

[GK95] D. Gruntz and W. Koepf. Maple package on formal power series. *Maple Technical Newsletter*, 2(2):??, Fall 1995. ISSN 1061-5733. URL `http://web.mit.edu/afs/athena.mit.edu/software/maple/www/plibrary/mtn/mtn-v2n2.html`.

Granville:1988:FCF

[GM88] Andrew Granville and Michael Monagan. The first case of Fermat's Last Theorem for all prime exponents up to 714,591,416,091,389. *Maple Newsletter*, 0(2):??, January 1988. ISSN 1074-3790. URL `http://www.can.nl/Systems_and_Packages/Per_Purpose/General/Maple/mtn/mtn2.html`.

Gruntz:1993:IG

[GM93] D. Gruntz and M. Monagan. Introduction to Gauss. *Maple Technical Newsletter*, 0(9):23–35, Spring 1993. ISSN 1061-5733. URL `http://www.can.nl/Systems_and_Packages/Per_Purpose/General/Maple/mtn/mtn9.html`.

Granville:1994:SFL

[GM94] Andrew Granville and Michael Monagan. The status of Fermat's last theorem — mid 1994. *Maple Technical Newsletter*, 0: 6–9, 1994. ISSN 1061-5733. Maple in Mathematics and the Sciences — A Special issue.

Guidera:1997:TID

[GM97] Carollyne Guidera and Michael Monagan. Teaching introductory differential equations with Maple. *Maple Technical Newsletter*, 4(1):59–67, Winter 1997. ISSN 1061-5733. Special issue on Maple in the mathematical sciences.

Gammaitoni:1997:UMA

[GN97] L. Gammaitoni and M. C. Nucci. Using Maple to analyze a model for airborne contagion. *Maple Technical Newsletter*, 4 (2):2–5, 1997. ISSN 1061-5733.

Gonnet:1988:EMA

[Gon88] G. H. Gonnet. Examples of Maple, applied to problems from the American Mathematical Monthly. *Maple Newsletter*, 0(2):??, January 1988. ISSN 1074-3790. URL `http://www.can.nl/Systems_and_Packages/Per_Purpose/General/Maple/mtn/mtn2.html`.

Gonnet:1989:APE

[Gon89a] Gaston H. Gonnet. AMM problem E3229. *Maple Newsletter*, 0(4):??, January 1989. ISSN 1074-3790. URL `http://www.can.nl/Systems_and_Packages/Per_Purpose/General/Maple/mtn/mtn4.html`.

Gonnet:1989:HPT

[Gon89b] Gaston H. Gonnet. Heuristic primality testing. *Maple Newsletter*, 0(4):??, January 1989. ISSN 1074-3790. URL `http://www.can.nl/Systems_and_Packages/Per_Purpose/General/Maple/mtn/mtn4.html`.

Gonnet:1991:CC

[Gon91] Gaston H. Gonnet. Computations on the $3n + 1$ conjecture. *Maple Technical Newsletter*, 0(6):??, Fall 1991. ISSN 1061-5733. URL `http://www.can.nl/Systems_and_Packages/Per_Purpose/General/Maple/mtn/mtn6.html`.

Gonnet:1992:PPT

[Gon92] Gaston H. Gonnet. A problem in phylogenetic tree building. *Maple Technical Newsletter*, 0(7):31–38, Spring 1992. ISSN 1061-5733. URL `http://www.can.nl/Systems_and_Packages/Per_Purpose/General/Maple/mtn/mtn7.html`.

Gray:1992:HIE

[Gra92] L. J. Gray. Hypersingular integral evaluation using Maple. *Maple Technical Newsletter*, 0(8):57–60, Fall 1992. ISSN 1061-5733. URL `http://www.can.nl/Systems_and_Packages/Per_Purpose/General/Maple/mtn/mtn8.html`.

Greenblatt:1994:WE

[Gre94] Seth A. Greenblatt. Wavelets in econometrics. *Maple Technical Newsletter*, 0:10–16, 1994. ISSN 1061-5733. Maple in Mathematics and the Sciences — A Special issue.

Gruntz:1993:FMUa

[Gru93a] Dominik Gruntz. Formula manipulation using Maple. *Maple Technical Newsletter*, 0(10):85–92, Fall 1993. ISSN 1061-5733. URL `http://www.can.nl/Systems_and_Packages/Per_Purpose/General/Maple/mtn/mtn10.html`.

Gruntz:1993:GBG

[Gru93b] Dominik Gruntz. Gröbner bases in Gauss. *Maple Technical Newsletter*, 0(9):36–46, Spring 1993. ISSN 1061-5733. URL `http://www.can.nl/Systems_and_Packages/Per_Purpose/General/Maple/mtn/mtn9.html`.

Gruntz:1994:ISM

[Gru94] Dominik Gruntz. Infinite structures in Maple. *Maple Technical Newsletter*, 1(2):19–30, Fall 1994. ISSN 1061-5733. URL `http://www.can.nl/Systems_and_Packages/Per_Purpose/General/Maple/mtn/mtnv1n2.html`.

Gruntz:1997:ADB

[Gru97] Dominik Gruntz. Automatic differentiation and bisection. *Maple Technical Newsletter*, 4 (1):14–19, Winter 1997. ISSN 1061-5733. Special issue on Maple in the mathematical sciences.

Gourdon:1993:COM

[GS93] Xavier Gourdon and Bruno Salvy. Computing one million digits of $\sqrt{(2)}$. *Maple Technical Newsletter*, 0(10):66–71, Fall 1993. ISSN 1061-5733. URL `http://www.can.nl/Systems_and_Packages/Per_Purpose/General/Maple/mtn/mtn10.html`.

Guichard:1992:CNI

[Gui92] David R. Guichard. Counting non-isomorphic graphs with Maple. *Maple Technical Newsletter*, 0(8):52–56, Fall 1992. ISSN 1061-5733. URL `http://www.can.nl/Systems_and_Packages/Per_Purpose/General/Maple/mtn/mtn8.html`.

Ceballos:1995:MRR

[GVC95] L. Gonzalez-Vega and L. Ceballos. Manipulation of real roots of polynomials: Isolating intervals or thom's codes. *Maple Technical Newsletter*, 2(2):??, Fall 1995. ISSN 1061-5733. URL `http://web.mit.edu/afs/athena.mit.edu/software/maple/www/plibrary/mtn/mtn-v2n2.html`.

Hammer:1995:IDC

[Ham95] P. W. Hammer. Identification of diffusion coefficients in the heat equation using Maple. *Maple Technical Newsletter*, 2(1):??, Spring 1995. ISSN 1061-5733. URL `http://web.mit.edu/afs/athena.mit.edu/software/maple/www/plibrary/mtn/mtn-v2n1.html`.

Hausen:1994:GPL

[Hau94] Jürgen Hausen. Generating problems in linear algebra. *Maple Technical Newsletter*, 1(2):86–??, Fall 1994. ISSN 1061-5733. URL `http://www.can.nl/Systems_and_Packages/Per_Purpose/General/Maple/mtn/mtnv1n2.html`.

Hausen:1995:GPL

[Hau95] J. Hausen. Generating problems in linear algebra II. *Maple Technical Newsletter*, 2(2):??, Fall 1995. ISSN 1061-5733.

URL http://web.mit.edu/afs/athena.mit.edu/software/maple/www/plibrary/mtn/mtn-v2n2.html.

Holmes:1992:AMC

[HB92] Mark H. Holmes and Jonathan Bell. An application of Maple to chemical kinetics. *Maple Technical Newsletter*, 0(7):50–55, Spring 1992. ISSN 1061-5733. URL http://www.can.nl/Systems_and_Packages/Per_Purpose/General/Maple/mtn/mtn7.html.

Herod:1993:MHI

[Her93] James V. Herod. A model for an HIV infection. *Maple Technical Newsletter*, 0(10):72–78, Fall 1993. ISSN 1061-5733. URL http://www.can.nl/Systems_and_Packages/Per_Purpose/General/Maple/mtn/mtn10.html.

Herod:1997:TSD

[Her97] James V. Herod. Tutorial: Solving differential equations using Maple. *Maple Technical Newsletter*, 4(2):72–77, 1997. ISSN 1061-5733.

Holland:1997:GII

[HK97] Shannon Holland and Matthias Kawski. 3D-graphics for iterated integrals. *Maple Technical Newsletter*, 4(1):92–98, Winter 1997. ISSN 1061-5733. Special issue on Maple in the mathematical sciences.

Harper:1994:DFE

[HM94] David Harper and C. D. Murray. Disturbing function expansions. *Maple Technical Newsletter*, 0: 24–28, 1994. ISSN 1061-5733. Maple in Mathematics and the Sciences — A Special issue.

Herod:1997:NEV

[HM97] James Herod and Michael Monagan. A note from the Editors: Vol, 4, No. 2, 1997: Maple in the Physical Sciences. *Maple Technical Newsletter*, 4(2):1, 1997. ISSN 1061-5733.

Hoffmann:1994:MST

[Hof94] Christine W. U. Hoffmann. Modeling snow transport, an application of Maple. *Maple Technical Newsletter*, 1(1):69–78, Spring 1994. ISSN 1061-5733. URL http://www.can.nl/Systems_and_Packages/Per_Purpose/General/Maple/mtn/mtnv1n1.html.

Heinle:1996:SAM

[HRR96] F. Heinle, R. Reng, and G. Runze. Symbolic analysis of multirate systems. *Maple Technical Newsletter*, 3(1):??, ???? 1996. ISSN 1061-5733. URL http://web.mit.edu/afs/athena.mit.edu/software/maple/www/plibrary/mtn/mtn-v3n1.html. Special Issue featuring Engineering Applications.

Howlett:1996:MVR

[HT96] C. Howlett and T. Tyhurst. The Maple V Release 4 graphical user interface. *Maple Technical Newsletter*, 3(2):??, November 1996. ISSN 1061-5733. URL http://web.mit.edu/afs/athena.mit.edu/software/

maple/www/plibrary/mtn/mtn-v3n2.html.

Herod:1994:MBM

[HY94] James V. Herod and Edward K. Yeagers. Mathematics, biology, and Maple. *Maple Technical Newsletter*, 0:69–76, 1994. ISSN 1061-5733. Maple in Mathematics and the Sciences — A Special issue.

Isbister:1994:QMM

[Isb94] Dennis Isbister. Quantum mechanics and Maple: The rotation matrix functions $d^l_{mn}(\beta)$, 3-j and 6-j symbols. *Maple Technical Newsletter*, 1(2):55–61, Fall 1994. ISSN 1061-5733. URL http://www.can.nl/Systems_and_Packages/Per_Purpose/General/Maple/mtn/mtnv1n2.html.

Jegou:1997:UMS

[Jég97] Sophie Jégou. Using Maple for symbolic differentiation to solve inverse problems. *Maple Technical Newsletter*, 4(2):32–40, 1997. ISSN 1061-5733.

Johnson:1992:WL

[Joh92] Eugene Johnson. Working with `linalg`. *Maple Technical Newsletter*, 0(7):25–30, Spring 1992. ISSN 1061-5733. URL http://www.can.nl/Systems_and_Packages/Per_Purpose/General/Maple/mtn/mtn7.html.

Karian:1994:RNG

[KG94] Zaven A. Karian and Rohit Goyal. Random number generation and testing. *Maple Technical Newsletter*, 1(1):32–37, Spring 1994. ISSN 1061-5733. URL http://www.can.nl/Systems_and_Packages/Per_Purpose/General/Maple/mtn/mtnv1n1.html.

Krob:1997:ACM

[KLL+97] D. Krob, A. Lascoux, B. Leclerc, J.-Y. Thibon, B. C. V. Ung, and S. Veigneau. Algebraic combinatorics with MAPLE and ACE. *Maple Technical Newsletter*, 4 (1):43–50, Winter 1997. ISSN 1061-5733. Special issue on Maple in the mathematical sciences.

Koepf:1996:SM

[Koe96] W. Koepf. Summation in Maple. *Maple Technical Newsletter*, 3(2):??, November 1996. ISSN 1061-5733. URL http://web.mit.edu/afs/athena.mit.edu/software/maple/www/plibrary/mtn/mtn-v3n2.html.

Kraft:1994:MSR

[Kra94] Dieter Kraft. Modeling and simulating robots in Maple. *Maple Technical Newsletter*, 1(2):39–47, Fall 1994. ISSN 1061-5733. URL http://www.can.nl/Systems_and_Packages/Per_Purpose/General/Maple/mtn/mtnv1n2.html.

Kloeden:1993:CSN

[KS93] Peter E. Kloeden and William D. Scott. Construction of stochastic numerical schemes through Maple. *Maple Technical Newsletter*, 0(10):60–65, Fall

1993. ISSN 1061-5733. URL http://www.can.nl/Systems_and_Packages/Per_Purpose/General/Maple/mtn/mtn10.html.

Kam:1998:IMP

[KTT98] Kiew M. Kam, Moses O. Tadé, and Benjamin L. C. To. Implementation of MAPLE procedures for simulating an industrial multi-stage evaporator. *Maple Technical Newsletter*, 5 (2–3):27–39, 1998. ISSN 1061-5733.

Labahn:1995:SLD

[Lab95] G. Labahn. Solving linear differential equations in Maple. *Maple Technical Newsletter*, 2(1):??, Spring 1995. ISSN 1061-5733. URL http://web.mit.edu/afs/athena.mit.edu/software/maple/www/plibrary/mtn/mtn-v2n1.html.

Lee:1996:MVR

[Lee96] T. Lee. Maple V Release 4: New features for engineers and scientists. *Maple Technical Newsletter*, 3(1):??, ???? 1996. ISSN 1061-5733. URL http://web.mit.edu/afs/athena.mit.edu/software/maple/www/plibrary/mtn/mtn-v3n1.html. Special Issue featuring Engineering Applications.

Lennartsson:1998:GCS

[Len98] Anders Lennartsson. On the generation of code for the solution of differential equations. *Maple Technical Newsletter*, 5 (2–3):95–101, 1998. ISSN 1061-5733.

Lisser:1994:SKC

[Lis94] Bert Lisser. Solving Kostant's conjecture using Maple. *Maple Technical Newsletter*, 0:29–34, 1994. ISSN 1061-5733. Maple in Mathematics and the Sciences — A Special issue.

Layton:1996:IMM

[LK96] J. B. Layton and J. H. Kane. Integrating MathEdge with multimedia for instruction in engineering. *Maple Technical Newsletter*, 3(1):??, ???? 1996. ISSN 1061-5733. URL http://web.mit.edu/afs/athena.mit.edu/software/maple/www/plibrary/mtn/mtn-v3n1.html. Special Issue featuring Engineering Applications.

Lozano:1994:ITG

[LM94] Eugenio Roanes Lozano and Eugenio Roanes Macias. An implementation of "Turtle Graphics" in Maple V. *Maple Technical Newsletter*, 0:82–85, 1994. ISSN 1061-5733. Maple in Mathematics and the Sciences — A Special issue.

Lopez:1994:SOE

[Lop94a] Robert J. Lopez. A saw-toothed oscillator: Exact and approximate solutions. *Maple Technical Newsletter*, 0:77–81, 1994. ISSN 1061-5733. Maple in Mathematics and the Sciences — A Special issue.

Lopez:1994:SDE

[Lop94b] Robert J. Lopez. A separable differential equation: New

insights. *Maple Technical Newsletter*, 1(1):79–82, Spring 1994. ISSN 1061-5733. URL `http://www.can.nl/Systems_and_Packages/Per_Purpose/General/Maple/mtn/mtnv1n1.html`.

Lopez:1996:TMI

[Lop96] R. Lopez. Tips for Maple instructors. *Maple Technical Newsletter*, 3(2):??, November 1996. ISSN 1061-5733. URL `http://web.mit.edu/afs/athena.mit.edu/software/maple/www/plibrary/mtn/mtn-v3n2.html`.

Low:1998:SFA

[Low98] K. H. Low. Symbolic frequency analysis of vibratory systems by the optimized Rayleigh method. *Maple Technical Newsletter*, 5 (2–3):67–75, 1998. ISSN 1061-5733.

Mansfield:1996:DAP

[Man96] E. Mansfield. The differential algebra package: `diffgrob2`. *Maple Technical Newsletter*, 3 (2):??, November 1996. ISSN 1061-5733. URL `http://web.mit.edu/afs/athena.mit.edu/software/maple/www/plibrary/mtn/mtn-v3n2.html`.

Monagan:1992:OAD

[MD92] Michael M. Monagan and J. S. Devitt. The D operator and algorithmic differentiation. *Maple Technical Newsletter*, 0(7):17–24, Spring 1992. ISSN 1061-5733. URL `http://www.can.nl/Systems_and_Packages/Per_Purpose/General/Maple/mtn/mtn7.html`.

Miller:1998:TPA

[MD98] John S. Miller and Michael J. Demetsky. Transportation planning applications: Using Maple for exploratory analysis. *Maple Technical Newsletter*, 5(2–3):76–84, 1998. ISSN 1061-5733.

McPhedran:1992:BFI

[MDS92] R. C. McPhedran, D. H. Dawes, and Tony Scott. On a Bessel function integral. *Maple Technical Newsletter*, 0(8):33–38, Fall 1992. ISSN 1061-5733. URL `http://www.can.nl/Systems_and_Packages/Per_Purpose/General/Maple/mtn/mtn8.html`.

Meade:1995:NGS

[Mea95] D. B. Meade. Numerical, graphical and symbolic analysis of Bernoulli equations. *Maple Technical Newsletter*, 2(1):??, Spring 1995. ISSN 1061-5733. URL `http://web.mit.edu/afs/athena.mit.edu/software/maple/www/plibrary/mtn/mtn-v2n1.html`.

Meade:1997:MPP

[Mea97] Douglas B. Meade. Mple and the Parachute Problem; modeling with an impact. *Maple Technical Newsletter*, 4(1):68–76, Winter 1997. ISSN 1061-5733. Special issue on Maple in the mathematical sciences.

Melancon:1997:FIW

[Mel97] Guy Melançon. Factorizing infinite words using Maple. *Maple Technical Newsletter*, 4(1):34–42, Winter 1997. ISSN 1061-5733. Special issue on Maple in the mathematical sciences.

Meade:1996:STS

[MHW96] D. Meade, B. Haran, and R. White. The shooting technique for the solution of two-point boundary value problems. *Maple Technical Newsletter*, 3(1):??, ???? 1996. ISSN 1061-5733. URL `http://web.mit.edu/afs/athena.mit.edu/software/maple/www/plibrary/mtn/mtn-v3n1.html`. Special Issue featuring Engineering Applications.

Mohseni:1995:EFM

[Moh95] P. Mohseni. EM field modeling using Maple. *Maple Technical Newsletter*, 2(1):??, Spring 1995. ISSN 1061-5733. URL `http://web.mit.edu/afs/athena.mit.edu/software/maple/www/plibrary/mtn/mtn-v2n1.html`.

Monagan:1988:AMC

[Mon88a] Michael Monagan. Announcement of Maple 4.0 for the Cray 2. *Maple Newsletter*, 0(2):??, January 1988. ISSN 1074-3790. URL `http://www.can.nl/Systems_and_Packages/Per_Purpose/General/Maple/mtn/mtn2.html`.

Monagan:1988:ASM

[Mon88b] Michael Monagan. Automatic simplification in Maple. *Maple Newsletter*, 0(3):??, July 1988. ISSN 1074-3790. URL `http://www.can.nl/Systems_and_Packages/Per_Purpose/General/Maple/mtn/mtn3.html`.

Monagan:1988:MPM

[Mon88c] Michael Monagan. On manipulating polynomials in Maple. *Maple Newsletter*, 0(3):??, July 1988. ISSN 1074-3790. URL `http://www.can.nl/Systems_and_Packages/Per_Purpose/General/Maple/mtn/mtn3.html`.

Monagan:1988:PFM

[Mon88d] Michael Monagan. A plotting facility in Maple. *Maple Newsletter*, 0(2):??, January 1988. ISSN 1074-3790. URL `http://www.can.nl/Systems_and_Packages/Per_Purpose/General/Maple/mtn/mtn2.html`.

Monagan:1989:CFM

[Mon89a] Michael B. Monagan. The collect function in Maple. *Maple Newsletter*, 0(4):??, January 1989. ISSN 1074-3790. URL `http://www.can.nl/Systems_and_Packages/Per_Purpose/General/Maple/mtn/mtn4.html`.

Monagan:1989:FTO

[Mon89b] Michael B. Monagan. Fortran translation and optimization. *Maple Newsletter*, 0(4):??, January 1989.

ISSN 1074-3790. URL http://www.can.nl/Systems_and_Packages/Per_Purpose/General/Maple/mtn/mtn4.html.

Monagan:1992:EEE

[Mon92] Michael B. Monagan. Exact eigenvalue and eigenvector computation in Maple. *Maple Technical Newsletter*, 0(8):24–32, Fall 1992. ISSN 1061-5733. URL http://www.can.nl/Systems_and_Packages/Per_Purpose/General/Maple/mtn/mtn8.html.

Monagan:1993:TMU

[Mon93a] Michael B. Monagan. Tips for Maple users. *Maple Technical Newsletter*, 0(10):10–18, Fall 1993. ISSN 1061-5733. URL http://www.can.nl/Systems_and_Packages/Per_Purpose/General/Maple/mtn/mtn10.html.

Monagan:1993:UCA

[Mon93b] Michael B. Monagan. Using computer algebra to help understand the nature of eigenvalues and eigenvectors. *Maple Technical Newsletter*, 0(9):62–68, Spring 1993. ISSN 1061-5733. URL http://www.can.nl/Systems_and_Packages/Per_Purpose/General/Maple/mtn/mtn9.html.

Monagan:1994:MSA

[Mon94a] Michael Monagan. The Maple share (applications) library. *Maple Technical Newsletter*, 1 (1):14–16, Spring 1994. ISSN 1061-5733. URL http://www.can.nl/Systems_and_Packages/Per_Purpose/General/Maple/mtn/mtnv1n1.html.

Monagan:1994:MVR

[Mon94b] Michael Monagan. Maple V Release 3. *Maple Technical Newsletter*, 1(1):7–13, Spring 1994. ISSN 1061-5733. URL http://www.can.nl/Systems_and_Packages/Per_Purpose/General/Maple/mtn/mtnv1n1.html.

Monagan:1994:TMUa

[Mon94c] Michael B. Monagan. Tips for Maple users. *Maple Technical Newsletter*, 1(1):17–23, Spring 1994. ISSN 1061-5733. URL http://www.can.nl/Systems_and_Packages/Per_Purpose/General/Maple/mtn/mtnv1n1.html.

Monagan:1994:TMUb

[Mon94d] Michael B. Monagan. Tips for Maple users. *Maple Technical Newsletter*, 1(2):11–18, Fall 1994. ISSN 1061-5733. URL http://www.can.nl/Systems_and_Packages/Per_Purpose/General/Maple/mtn/mtnv1n2.html.

Monagan:1995:MVR

[Mon95a] M. B. Monagan. The Maple V Release 4 math engine. *Maple Technical Newsletter*, 2(2):??, Fall 1995. ISSN 1061-5733. URL http://web.mit.edu/afs/athena.mit.edu/software/maple/www/plibrary/mtn/mtn-v2n2.html.

Monagan:1995:TMUa

[Mon95b] M. B. Monagan. Tips for Maple users and programmers. *Maple Technical Newsletter*, 2(1):??, Spring 1995. ISSN 1061-5733. URL `http://web.mit.edu/afs/athena.mit.edu/software/maple/www/plibrary/mtn/mtn-v2n1.html`.

Monagan:1995:TMUb

[Mon95c] M. B. Monagan. Tips for Maple users and programmers. *Maple Technical Newsletter*, 2(2):??, Fall 1995. ISSN 1061-5733. URL `http://web.mit.edu/afs/athena.mit.edu/software/maple/www/plibrary/mtn/mtn-v2n2.html`.

Monagan:1998:STI

[MS98] M. B. Monagan and M. A. Slawinski. The sensitivity of traveltime inversion for an anisotropic parameter in seismology. *Maple Technical Newsletter*, 5(2–3):107–116, 1998. ISSN 1061-5733. URL `http://www.cecm.sfu.ca/CAG/monagan_slawinski.ps.gz`.

Mulcahy:1996:BCS

[Mul96] C. Mulcahy. The basic curves and surfaces of computer aided geometric design. *Maple Technical Newsletter*, 3(1):??, ???? 1996. ISSN 1061-5733. URL `http://web.mit.edu/afs/athena.mit.edu/software/maple/www/plibrary/mtn/mtn-v3n1.html`. Special Issue featuring Engineering Applications.

Murison:1997:ASO

[Mur97] Marc A. Murison. Analytical study of optical wavefront aberrations using Maple. *Maple Technical Newsletter*, 4(2):52–62, 1997. ISSN 1061-5733.

McPhee:1996:ASA

[MW96] J. McPhee and C. Wells. Automated symbolic analysis of mechanical system dynamics. *Maple Technical Newsletter*, 3(1):??, ???? 1996. ISSN 1061-5733. URL `http://web.mit.edu/afs/athena.mit.edu/software/maple/www/plibrary/mtn/mtn-v3n1.html`. Special Issue featuring Engineering Applications.

Nagornov:1998:PAP

[NQC+98] Oleg V. Nagornov, Nancy E. Quaranta, Marta G. Caligaris, Georgina B. Rodriguez, and Robert E. Caligaris. Propagation of air pollution in urban areas. *Maple Technical Newsletter*, 5(2–3):102–106, 1998. ISSN 1061-5733.

Ogunye:1998:NE

[OC98] Ayowale B. Ogunye and Tom Casselman. A note from the Editors. *Maple Technical Newsletter*, 5(2–3):1–2, 1998. ISSN 1061-5733.

Ogunye:1996:PCS

[Ogu96] A. Ogunye. Process control and symbolic computation: An overview with Maple V. *Maple Technical Newsletter*, 3(1):??, ???? 1996.

ISSN 1061-5733. URL http://web.mit.edu/afs/athena.mit.edu/software/maple/www/plibrary/mtn/mtn-v3n1.html. Special Issue featuring Engineering Applications.

Ogunye:1998:SDT

[Ogu98] Ayowale Ogunye. Solution of discrete-time symmetric matrix Diophantine equations using Maple V. *Maple Technical Newsletter*, 5(2–3):85–94, 1998. ISSN 1061-5733.

Ogilvie:1997:SCM

[OM97] J. F. Ogilvie and M. B. Monagan. Symbolic computation in molecular spectroscopy. *Maple Technical Newsletter*, 4(2):100–108, 1997. ISSN 1061-5733.

Partin:1998:CAA

[Par98] Lee R. Partin. Combinatorial analysis application for flowsheet synthesis of chemical plants. *Maple Technical Newsletter*, 5(2–3):15–26, 1998. ISSN 1061-5733.

Pathria:1991:ISM

[Pat91a] Anu Pathria. Indefinite summation in Maple. *Maple Technical Newsletter*, 0(5):??, Winter 1991. ISSN 1061-5733. URL http://www.can.nl/Systems_and_Packages/Per_Purpose/General/Maple/mtn/mtn5.html.

Pathria:1991:ATB

[Pat91b] Anu K. Pathria. Archimedes' theorem of the broken chord. *Maple Technical Newsletter*, 0(6):??, Fall 1991. ISSN 1061-5733. URL http://www.can.nl/Systems_and_Packages/Per_Purpose/General/Maple/mtn/mtn6.html.

Pennestri:1996:DCM

[PF96] E. Pennestri and V. Falasca. Design of cam mechanisms using Maple. *Maple Technical Newsletter*, 3(1):??, ???? 1996. ISSN 1061-5733. URL http://web.mit.edu/afs/athena.mit.edu/software/maple/www/plibrary/mtn/mtn-v3n1.html. Special Issue featuring Engineering Applications.

Piedboeuf:1996:MFR

[Pie96] J.-C. Piedboeuf. Modelling flexible robots with Maple. *Maple Technical Newsletter*, 3(1):??, ???? 1996. ISSN 1061-5733. URL http://web.mit.edu/afs/athena.mit.edu/software/maple/www/plibrary/mtn/mtn-v3n1.html. Special Issue featuring Engineering Applications.

Pintur:1994:MAD

[Pin94] David A. Pintur. MathEdge: The application development toolkit for Maple. *Maple Technical Newsletter*, 1(2):31–38, Fall 1994. ISSN 1061-5733. URL http://www.can.nl/Systems_and_Packages/Per_Purpose/General/Maple/mtn/mtnv1n2.html.

Pinchback:1996:MWW

[Pin96] R. M. Pinchback. Maple and the World Wide Web. *Maple Technical Newsletter*, 3(2):??,

November 1996. ISSN 1061-5733. URL http://web.mit.edu/afs/athena.mit.edu/software/maple/www/plibrary/mtn/mtn-v3n2.html.

Pirastu:1995:AIS

[Pir95] R. Pirastu. Algorithms for indefinite summation of rational functions in Maple. *Maple Technical Newsletter*, 2(1):??, Spring 1995. ISSN 1061-5733. URL http://web.mit.edu/afs/athena.mit.edu/software/maple/www/plibrary/mtn/mtn-v2n1.html.

Porciello:1993:AMO

[PL93] G. Pino Porciello and Tom Lee. Application of Maple in optimal control systems design and analysis. *Maple Technical Newsletter*, 0(10):79–84, Fall 1993. ISSN 1061-5733. URL http://www.can.nl/Systems_and_Packages/Per_Purpose/General/Maple/mtn/mtn10.html.

Promislow:1997:ACM

[Pro97] K. Promislow. Applications of center manifolds. *Maple Technical Newsletter*, 4(1):77–87, Winter 1997. ISSN 1061-5733. Special issue on Maple in the mathematical sciences.

Poblete:1997:ALL

[PVM97] Patricio V. Poblete, Alfredo Viola, and J. Ian Munro. Analyzing the LCFS linear probing hashing algorithm with the help of maple. *Maple Technical Newsletter*, 4(1):8–13, Winter 1997. ISSN 1061-5733. Special issue on Maple in the mathematical sciences.

Peikert:1991:PCS

[PWMdG91] R. Peikert, D. Wurtz, M. Monagan, and C. de Groot. Packing circles in a square. *Maple Technical Newsletter*, 0(6):??, Fall 1991. ISSN 1061-5733. URL http://www.can.nl/Systems_and_Packages/Per_Purpose/General/Maple/mtn/mtn6.html.

RuizS:1996:UGB

[RF96] O. E. Ruiz S. and P. M. Ferreira. Using Gröbner bases in kinematic analysis of mechanisms. *Maple Technical Newsletter*, 3(1):??, ???? 1996. ISSN 1061-5733. URL http://web.mit.edu/afs/athena.mit.edu/software/maple/www/plibrary/mtn/mtn-v3n1.html. Special Issue featuring Engineering Applications.

Riel:1996:SSC

[Rie96] J. Riel. Syrup — A symbolic circuit analyzer. *Maple Technical Newsletter*, 3(1):??, ???? 1996. ISSN 1061-5733. URL http://web.mit.edu/afs/athena.mit.edu/software/maple/www/plibrary/mtn/mtn-v3n1.html. Special Issue featuring Engineering Applications.

Rybowicz:1996:TME

[RM96] M. Rybowicz and J.-P. Massia. Teaching Maple to engineering students. *Maple Technical Newsletter*, 3(2):??, November 1996. ISSN 1061-5733.

URL http://web.mit.edu/afs/athena.mit.edu/software/maple/www/plibrary/mtn/mtn-v3n2.html.

Rough:1993:HAP

[RR93] A. D. Rough and J. Richardson. Harmonic analysis of phase controlled waveforms. *Maple Technical Newsletter*, 0(9):47–53, Spring 1993. ISSN 1061-5733. URL http://www.can.nl/Systems_and_Packages/Per_Purpose/General/Maple/mtn/mtn9.html.

Radia:1991:QAM

[RS91] Sanjay Radia and Tony C. Scott. Queuing analysis of multiprocessing. *Maple Technical Newsletter*, 0(6):??, Fall 1991. ISSN 1061-5733. URL http://www.can.nl/Systems_and_Packages/Per_Purpose/General/Maple/mtn/mtn6.html.

Riedel:1992:SVR

[RS92] Thomas Riedel and Prasanna Sahoo. Surfaces and volumes of revolution with Maple. *Maple Technical Newsletter*, 0(8):45–51, Fall 1992. ISSN 1061-5733. URL http://www.can.nl/Systems_and_Packages/Per_Purpose/General/Maple/mtn/mtn8.html.

Richardson:1998:CPD

[RSPL98] Christina Richardson, Susan Sopher, Robert Petak, and Andreas Linninger. Conceptual process design using symbolic and numerical computing techniques. *Maple Technical Newsletter*, 5(2–3):3–14, 1998. ISSN 1061-5733.

Russell:1994:SWC

[Rus94] Geoff Russell. Shotgun wounding characteristics. *Maple Technical Newsletter*, 0:17–23, 1994. ISSN 1061-5733. Maple in Mathematics and the Sciences — A Special issue.

Rybowicz:1992:ECC

[Ryb92] Marc Rybowicz. Extended capabilities for computing with algebraic functions and numbers. *Maple Technical Newsletter*, 0(8):16–23, Fall 1992. ISSN 1061-5733. URL http://www.can.nl/Systems_and_Packages/Per_Purpose/General/Maple/mtn/mtn8.html.

Sacchetti:1997:BFL

[Sac97] Andrea Sacchetti. Band functions for the Lamé equation. *Maple Technical Newsletter*, 4 (1):28–33, Winter 1997. ISSN 1061-5733. Special issue on Maple in the mathematical sciences.

Salvy:1991:TWG

[Sal91] Bruno Salvy. Three ways to get Stirling's formula in Maple. *Maple Technical Newsletter*, 0(5):??, Winter 1991. ISSN 1061-5733. URL http://www.can.nl/Systems_and_Packages/Per_Purpose/General/Maple/mtn/mtn5.html.

Scott:1993:RSB

[SBG93] T. C. Scott, Yehuda B. Band, and K. O. Geddes. Recipes

for solving broad classes of definite integrals and applications. *Maple Technical Newsletter*, 0(10):19–27, Fall 1993. ISSN 1061-5733. URL `http://www.can.nl/Systems_and_Packages/Per_Purpose/General/Maple/mtn/mtn10.html`.

Schwalbe:1992:UPP

[Sch92] Daniel Schwalbe. Using phase portraits to understand population dynamics. *Maple Technical Newsletter*, 0(7):39–43, Spring 1992. ISSN 1061-5733. URL `http://www.can.nl/Systems_and_Packages/Per_Purpose/General/Maple/mtn/mtn7.html`.

Scott:1988:NAD

[Sco88] Tony Scott. A new approach to definite integration for Maple 4.3. *Maple Newsletter*, 0(3):??, July 1988. ISSN 1074-3790. URL `http://www.can.nl/Systems_and_Packages/Per_Purpose/General/Maple/mtn/mtn3.html`.

Scott:1991:AVP

[Sco91a] Tony Scott. Application of variational principles to a simple quantum mechanical problem using the Maple system. *Maple Technical Newsletter*, 0(5):??, Winter 1991. ISSN 1061-5733. URL `http://www.can.nl/Systems_and_Packages/Per_Purpose/General/Maple/mtn/mtn5.html`.

Scott:1991:RSD

[Sco91b] Tony Scott. Recipes for solving definite integrals involving exponentials and logarithms (part II). *Maple Technical Newsletter*, 0(5):??, Winter 1991. ISSN 1061-5733. URL `http://www.can.nl/Systems_and_Packages/Per_Purpose/General/Maple/mtn/mtn5.html`.

Scott:1997:GAa

[Sco97a] Tony Scott. Guidelines for authors. *Maple Technical Newsletter*, 4(1):111, Winter 1997. ISSN 1061-5733. Special issue on Maple in the mathematical sciences.

Scott:1997:GAb

[Sco97b] Tony Scott. Guidelines for authors. *Maple Technical Newsletter*, 4(2):109, 1997. ISSN 1061-5733.

Scott:1994:AMM

[SFCM94] Tony Scott, Greg Fee, Rob Corless, and Mike Monagan. Applications of Maple to mathematical, scientific, and engineering problems. *Maple Technical Newsletter*, 0:49–57, 1994. ISSN 1061-5733. Maple in Mathematics and the Sciences — A Special issue.

Scott:1997:GOF

[SGMS97] T. C. Scott, I. P. Grant, M. B. Monagan, and V. R. Saunders. Generation of optimized FORTRAN code for molecular integrals of Gaussian-type functions. *Maple Technical Newslet-*

ter, 4(2):15–24, 1997. ISSN 1061-5733.

Stayman:1994:MIN

[SH94] J. W. Stayman and Mark H. Holmes. Maple: as an interface for numerically solving chemical kinetic equations. *Maple Technical Newsletter*, 1(2):48–54, Fall 1994. ISSN 1061-5733. URL `http://www.can.nl/Systems_and_Packages/Per_Purpose/General/Maple/mtn/mtnv1n2.html`.

Shahidi:1997:SNT

[Sha97] Reza Shahidi. A short note on trees, foxes and Maple. *Maple Technical Newsletter*, 4(2):86–92, 1997. ISSN 1061-5733.

Taylor:1996:SSD

[SKT96] D. Schwalbe, H. Kooijman, and R. Taylor. Solving stiff differential equations and differential algebraic systems with Maple V. *Maple Technical Newsletter*, 3(2):??, November 1996. ISSN 1061-5733. URL `http://web.mit.edu/afs/athena.mit.edu/software/maple/www/plibrary/mtn/mtn-v3n2.html`.

Scott:1994:NEa

[SM94] Tony Scott and Michael Monagan. A note from the Editors. *Maple Technical Newsletter*, 0:1, 1994. ISSN 1061-5733. Maple in Mathematics and the Sciences — A Special issue.

Scott:1994:MSE

[SMC94] Tony Scott, Blair Madore, and Robert M. Corless. Maple in science education. *Maple Technical Newsletter*, 0:58–68, 1994. ISSN 1061-5733. Maple in Mathematics and the Sciences — A Special issue.

Scott:1991:AMM

[SMFC91] Tony C. Scott, Michael B. Monagan, Greg Fee, and Robert Corless. Applications of Maple to mathematical, scientific and engineering problems. *Maple Technical Newsletter*, 0(6):??, Fall 1991. ISSN 1061-5733. URL `http://www.can.nl/Systems_and_Packages/Per_Purpose/General/Maple/mtn/mtn6.html`.

Scott:1994:MEP

[SMPR94] Tony Scott, Michael B. Monagan, Richard Pavelle, and Darren Redfern. Maple in education — Part II. *Maple Technical Newsletter*, 1(1):69–78, Spring 1994. ISSN 1061-5733. URL `http://www.can.nl/Systems_and_Packages/Per_Purpose/General/Maple/mtn/mtnv1n1.html`. See also [SPR92].

Scott:1993:NEb

[SP93] Tony Scott and Reid M. Pinchback. A note from the Editors. *Maple Technical Newsletter*, 0(10):1–5, Fall 1993. ISSN 1061-5733.

Scott:1994:NEb

[SP94] Tony Scott and Reid M. Pinchback. A note from the Editors. *Maple Technical Newsletter*, 1(1):1–3, Spring 1994. ISSN 1061-5733.

Pavele:1992:ME

[SPR92] Tony Scott, Richard Pavele, and Darren Redfern. Maple in education. *Maple Technical Newsletter*, 0(7):11–16, Spring 1992. ISSN 1061-5733. URL `http://www.can.nl/Systems_and_Packages/Per_Purpose/General/Maple/mtn/mtn7.html`. See also [SMPR94].

Scott:1992:NEa

[SR92a] Tony Scott and Darren Redfern. A note from the Editors. *Maple Technical Newsletter*, 0(7):1–3, Spring 1992. ISSN 1061-5733.

Scott:1992:NEb

[SR92b] Tony Scott and Darren Redfern. A note from the Editors. *Maple Technical Newsletter*, 0(8):1–3, Fall 1992. ISSN 1061-5733.

Scott:1993:NEa

[SR93] Tony Scott and Darren Redfern. A note from the Editors. *Maple Technical Newsletter*, 0(9):1–3, Spring 1993. ISSN 1061-5733.

Halling:1995:CPD

[SRGH95] Z. Shung-Ren, J. Grotendorst, and H. Halling. Calculation of the potential distribution for a three-layer spherical volume conductor. *Maple Technical Newsletter*, 2(1):??, Spring 1995. ISSN 1061-5733. URL `http://web.mit.edu/afs/athena.mit.edu/software/maple/www/plibrary/mtn/mtn-v2n1.html`.

Scott:1997:AMN

[STB97] T. C. Scott, M. Trippenbach, and Y. B. Band. An application of Maple to near-field optics. *Maple Technical Newsletter*, 4(2):63–71, 1997. ISSN 1061-5733.

Stockie:1998:GIT

[Sto98] John M. Stockie. The geometry of intersecting tubes applied to controlling a robotic welding torch. *Maple Technical Newsletter*, 5(2–3):58–66, 1998. ISSN 1061-5733.

Strehl:1993:BSI

[Str93] Volker Strehl. Binomial sums and identities. *Maple Technical Newsletter*, 0(10):37–49, Fall 1993. ISSN 1061-5733. URL `http://www.can.nl/Systems_and_Packages/Per_Purpose/General/Maple/mtn/mtn10.html`.

Taylor:1994:TMV

[Tay94] Ross Taylor. Thermodynamics with Maple V II, phase equilibria in binary systems. *Maple Technical Newsletter*, 1(1):83–92, Spring 1994. ISSN 1061-5733. URL `http://www.can.nl/Systems_and_Packages/Per_Purpose/General/Maple/mtn/mtnv1n1.html`. See also [TM93, AT94, Tay96].

Taylor:1996:TMI

[Tay96] R. Taylor. Thermodynamics with Maple: IV, the properties of steam. *Maple Technical Newsletter*, 3(2):??, Novem-

ber 1996. ISSN 1061-5733. URL http://web.mit.edu/afs/athena.mit.edu/software/maple/www/plibrary/mtn/mtn-v3n2.html. See also [TM93, Tay94, AT94].

Taylor:1993:TME

[TM93] Ross Taylor and Michael B. Monagan. Thermodynamics with Maple: I, equations of state. *Maple Technical Newsletter*, 0(10):50–59, Fall 1993. ISSN 1061-5733. URL http://www.can.nl/Systems_and_Packages/Per_Purpose/General/Maple/mtn/mtn10.html. See also [Tay94, AT94, Tay96].

Vahle:1993:SC

[Vah93] Michael O. Vahle. Solving the congruence $x^2 \equiv a \bmod n$. *Maple Technical Newsletter*, 0(9):69–76, Spring 1993. ISSN 1061-5733. URL http://www.can.nl/Systems_and_Packages/Per_Purpose/General/Maple/mtn/mtn9.html.

Wald:1997:SUP

[Wal97] Burkhard Wald. The semigroup of unary pairfunctions, verification of the group relations. *Maple Technical Newsletter*, 4 (1):51–54, Winter 1997. ISSN 1061-5733. Special issue on Maple in the mathematical sciences.

Wurtz:1994:HPC

[WMP94] D. Würtz, M. Monagan, and R. Peikert. The history of packing circles in a square. *Maple Technical Newsletter*, 0:35–42, 1994. ISSN 1061-5733. Maple in Mathematics and the Sciences — A Special issue.

Zimmermann:1994:GPR

[Zim94] Paul Zimmermann. Gaïa: A package for the random generation of combinatorial structures. *Maple Technical Newsletter*, 1(1):38–46, Spring 1994. ISSN 1061-5733. URL http://www.can.nl/Systems_and_Packages/Per_Purpose/General/Maple/mtn/mtnv1n1.html.