

## Software by J. Robert Cooke

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- Cooke, J.R. and D.C. Davis. 1986. **Applied Finite Element Analysis: An Apple II Implementation.** John Wiley and Sons, NY. 448 pages.
- Cooke, J. Robert and E. Ted Sobel. 1986. **MathWriter: Mathematical Typesetting with the Macintosh.** 107 pages. Cooke Publications, Ithaca, NY.
- Cooke, J.R., D.C. Davis, and E.T. Sobel. 1987. **MacElastic: Finite Element Analysis and Elasticity Theory with the Macintosh.** 147 pages. Cooke Publications, Ithaca, NY. (See revision below.)
- Cooke, J.R., D.C. Davis, and E.T. Sobel. 1987. **MacPoisson: Finite Element Analysis and Poisson's Equation with the MacIntosh.** 150 pages. Cooke Publications, Ithaca, NY. (See revision below.)
- Oaks, Robert L. and J. Robert Cooke. 1987. **DiskManagerPC™: Hard Disk Security and Access Control Software.** 172 pages. Cooke Publications, Ithaca, NY.
- Cooke, J. Robert and E. Ted Sobel. 1987. **MacRegistrar™: A Specialized Database for Course Information.** 165 pages. Cooke Publications, Ithaca, NY.
- Cooke, J. R., S.K. Upadhyaya, M.J. Delwiche, R. H. Rand, N. S. Scott and E.T. Sobel. 1988. **StomateTutor™: An Introduction to Stomatal Control of Gas Exchange in Plants.** Cooke Publications, Ithaca, NY. (A HyperCard™ stack for the Macintosh). [ In June 1991 StomateTutor received the “Outstanding Teaching Materials Award” from the Biological and Agricultural Engineering Division of the American Society for Engineering Education.]
- Cooke, J. Robert. 1988. **Instructional Software Makes The Finite Element Method Accessible.** Academic Computing. September 1988. pp 34, 35, 54, 56.
- Cooke, J.R., D.C. Davis, and E.T. Sobel. 1989. **MacPoisson™: Instructional Finite Element Analysis for Solving Poisson's Equation with the Macintosh. 150 pages.** Cooke Publications, Ithaca, NY. *and*
- Cooke, J.R., D.C. Davis, and E.T. Sobel. 1989. **MacPoisson™ Supplement: Instructional Finite Element Analysis Verification and Problem Sets. 50 p. Cooke Publications, Ltd.** Ithaca, NY. [The MacPoisson software package received the EDUCOM/NCRIPTAL prize for “Best Engineering Software” in higher education for 1989 — a national competition covering all fields of engineering and all computer platforms.]

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Cooke, J.R., D.C. Davis, E.T. Sobel, R.S. Gates, R. Perl. 1989. **PC-Poisson™: Instructional Finite Element Analysis for Solving Poisson's Equation With the IBM-PC.** 77 pages. Cooke Publications, Ltd.

Cooke, J.R., D.C. Davis, E.T. Sobel, R.S. Gates, R.N. Perl. 1989. **PC-Elastic™: Instructional Finite Element Analysis for Solving Elasticity Problems With the IBM-PC.** 148 pages. Cooke Publications, Ltd.

[The suite of finite element software listed above was honored by EDUCOM in 1992 by including it in '101 Success Stories of Information Technology in Higher Education: The Joe Wyatt Challenge' Judith V. Boettcher (ed) 1992. McGraw-Hill, Inc. 601 pages

Cooke, J. Robert, Octavio Reis Neto, Robert Perl. 1990. **PC-Registrar™1.5: A Specialized Database for Course Information.** 50 pages. Cooke Publications, Ltd.

Cooke, J.R. and J.V. Bartlett. 1989. **QuikBase™: The quick database program.** (preliminary version) 30 p. Cooke Publications. Ithaca, NY. [Peterson's Guide bundled this database with templates for graduate admission tracking and published it as **GradTracker™** in 1990.]

Cooke, John D., J. Robert Cooke, Nancy B. Cooke. 1989. *About MathWriter™2.0.* (A HyperCard presentation of MathWriter 2.0 features.)

Cooke, J. Robert and E.T. Sobel. 1991. **MathWriter™ 2.0 — The Scientific Word Processor for the Macintosh.** 330 pages professional version; 255 pages educational version. Brooks/Cole Publishing Company.

Cooke, J. Robert and E. Ted Sobel. 1991. **ExamBuilder™ 1.0 — A MathWriter™ 2.0 Module for Building Examinations.** 150 pages. Wadsworth, Inc.

Cooke, J. Robert and E. Ted Sobel. 1993. **DiscoverPro™: The Multimedia/Bibliographic Database.** Cooke Publications, Ltd. 100 pages (Documentation for original Macintosh software by the authors)

Cooke, J. Robert and E. Ted Sobel. 1993. **DocuView™. Cooke Publications, Ltd. 30 pages.** (Documentation for electronic document viewer software by the authors)