



## SOME PUBLICATIONS

- (1) *Making Waves*, an illustrated introduction to differential topology to accompany the video *Outside In*. A K Peters, 1995.
- (2) *Outside In*, with Delle Maxwell and Tamara Munzner, an award-winning computer animation explaining the eversion of the sphere. A K Peters, 1994.
- (3) “On the statistical-mechanical foundation of the ubiquity of Lévy distributions in nature”, with C. Tsallis, A. Souza, E. Curado, and R. Maynard, *Phys. Rev. Lett.* **75** (1995), 3589–3593.
- (4) “Proof and Experimentation in Mathematics”, with David Epstein, *Notices of the Amer. Math. Soc.*, June 1995.
- (5) *The Cweb System of Literate Programming* (250 pp.), with Don Knuth, Addison-Wesley, 1993 (with accompanying software).
- (6) *Word Processing in Groups* (300 pp.) with D.B.A. Epstein, J. Cannon, D. Holt, M. Paterson and W. Thurston, The foundational book for the theory of automatic groups, a new branch of combinatorial group theory. Jones and Bartlett, 1992.
- (7) *A Beginner’s Book of T<sub>E</sub>X*, with R. Seroul (250 pp.), Springer-Verlag, 1991.
- (8) “Contour Tracing by Piecewise Linear Approximations,” with D. Dobkin, W. Thurston and A. Wilks, *ACM Transactions on Graphics*, 1990.
- (9) “Simple method to calculate percolation, Ising and Potts clusters: renormalization-group applications”, with C. Tsallis, *Phys. Rev. Letters*, **47** (1981), 950.