

SILVIO LEVY

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E-mail: levy@msri.org Born May 24, 1959, Rio de Janeiro, Brazil

EDUCATION

Princeton University Ph.D. in Mathematics, May 1985
Instituto de Matemática Pura e Aplicada, Rio M.S. in Mathematics, Jan 1980
Instituto Militar de Engenharia, Rio B.S. in Electronic Engineering, Dec 1979

EMPLOYMENT

Mathematical Sciences Research Institute

Editor Feb 1995–present

Geometry Center (University of Minnesota)

Director of Technology Dec 1993–Dec 1994
Activities: Setting of technical directions, including software development and support; supervision of technical staff; support to and interaction with with Center visitors, workshop organizers, educators, etc.; writing of mathematical documents.

Research Associate Feb 1988–Nov 1993
Activities: computer animation (see *Outside In* under Publications); research in computer graphics and combinatorial group theory; computer implementation of mathematical algorithms due to Thurston; programming support for visitors; \TeX macro development; editing and writing of mathematical documents.

Princeton University. Research Associate, Feb 1986 to Jan 1988; Instructor, Sep 1985 to Jan 1986; Lecturer, Jan–Aug 1985.

OTHER PROFESSIONAL ACTIVITIES

Translator 1982–present
Translated a dozen scientific books from French, German, Portuguese, Italian and Russian into English (listed on next page).

Editor, *Experimental Mathematics* 1990–2001

Editor (formerly Academic Editor), *The Mathematica Journal* Sep 1989–Dec 1991

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SOME TRANSLATIONS AND MAJOR EDITORIAL PROJECTS

This is a partial list of the books I have translated. It includes three non-translations (nos. 4, 5, 9) where I played a role similar to what I've done with Lucio Russo's *La rivoluzione dimenticata* (editing, rewriting, illustrating, and adding material in collaboration with the author). These contributions are documented in the preface or acknowledgements of each book.

- (1) Lucio Russo, *The Forgotten Revolution*, Springer-Verlag, to appear in 2003. From the Italian.
- (2) Albrecht Dürer, *The Proportions of the Human Body*. From the Latin. For the CD edition of *De Symmetria Partium . . . Humanorum Corporum*, Octavo, 2003.
- (3) Francis Hirsch, Gilles Lacombe, *Elements of Functional Analysis*, Springer-Verlag, 1998. From the French.
- (4) Donald Knuth, *The Art of Computer Programming*, third edition, Addison-Wesley, 1997. Edited third edition in collaboration with author.
- (5) William P. Thurston, edited by S. Levy, *Three-Dimensional Geometry and Topology*, Princeton Univ. Press, 1997. Rewrote and illustrated manuscript.
- (6) Jonas Gomes, Luiz Velho, *Image Processing for Computer Graphics*, Springer-Verlag, 1997. From the Portuguese.
- (7) Albert S. Schwarz, *Topology for Physicists*, Springer-Verlag, 1994. From the Russian.
- (8) Albert S. Schwarz, *Quantum Field Theory and Topology*, Springer-Verlag, 1993. From the Russian (retranslation/revision).
- (9) David B. A. Epstein et al., *Word Processing in Groups*, Jones and Bartlett, 1992. Rewrote manuscript and became a coauthor in view of adding original results.
- (10) Raymond Seroul and Silvio Levy, *A Beginner's Book of T_EX*, Springer-Verlag, 1991. From the French. Became a coauthor in view of extensive improvements.
- (11) Pierre Samuel, *Projective Geometry*, Springer-Verlag, 1988. From the French.
- (12) Marcel Berger, Bernard Gostiaux, *Differential Geometry: Manifolds, Curves, and Surfaces*, Springer-Verlag, 1987. From the French.
- (13) Ricardo Mañé, *Ergodic Theory and Differentiable Dynamics*, Springer-Verlag, 1987. From the Portuguese.
- (14) Marcel Berger *Geometry I and II*, Springer-Verlag, 1987. From the French.
- (15) Marcel Berger, P. Pansu, J. P. Berry, X. Saint-Raymond *Problems in Geometry*, Springer-Verlag, 1984. From the French.
- (16) Klaus Jänich, *Topology*, Springer-Verlag, 1984. From the German.