

## LEONID A. BUNIMOVICH

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### EDUCATION:

Doctor of Sciences, Inst. for Theor. Physics, Academy of Sciences of UkSSR, 1986

Ph.D., Moscow University, 1973

### PROFESSIONAL EXPERIENCE:

1998 - Present Regents' Professor, School of Mathematics, Georgia Tech

1996 - Present Director, Southeast Applied Analysis Center

1991 - 1998 Professor, School of Mathematics, Georgia Tech

1997 - Present Adjunct Professor, School of Biology, Georgia Tech

### HONORS:

1999 - Fellow, Royal Institute of Physics, England

2000 - Outstanding Faculty Research Author Award, GA Tech

2002 - Humboldt Prize

### EDITOR:

Nonlinearity, Chaos, Discrete and Continuous Dynamical Systems, SIAM Journal of Applied Mathematics

### GRADUATE AND POSTDOCTORAL ADVISING (in past 5 years):

A. Berger, M. Demers, G. Del Magno, M. Khlabystova, D. Kreslavsky, M. Porter

### CURRENT RESEARCH SUPPORT:

National Science Foundation

### OTHER COLLABORATORS (in past 48 months):

M. Blank, C. Boldrighini, G. Cosimi, S. Frigio, A. Pellegrinotti, R. Stoop, N. Stoop, K. Schindler

### SELECTED PUBLICATIONS:

1. L.A. Bunimovich and Ya.G. Sinai, "Space-Time Chaos in Coupled Map Lattices," *Nonlinearity* **1**, 491 (1989)
2. L.A. Bunimovich and J. Rehacek, "How High-Dimensional Stadia Look like?," *Comm. Math. Phys.*, **197**, 277 (1998).
3. L.A. Bunimovich, "Walks in Rigid Environments," *Physica A* **279**, 169 (2000).
4. L.A. Bunimovich, "Lattice Dynamical Systems," in *From Finite to Infinite Dynamical Systems*, J.C. Robinson and P.A. Glendinning, eds., p. 59 (Kluwer, London 2001).
5. L. Bunimovich and D. Kreslavsky, "Lorentz Gas Cellular Automata on Graphs," *Theoretical Computer Science* **306**, 195 (2003)