

Valeriy Loginov



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Current Position Professor of Mathematics, Physics and Informatics at School of Space and Information Technologies

Research Interests Statistical description of dynamical systems driven by stochastic actions. Development of mathematical tools for modeling of time series of natural objects. Analytic and computer calculations.

Education and Academic Degrees

- 1999 Krasnoyarsk State Polytechnical University, D.Sc. in Physics and Mathematics
- 1981 L.V.Kirensky Institute of Physics SB RAS, PhD
- 1966-1971 Krasnoyarsk State University

Professional Career

- 2004 - Krasnoyarsk State Pedagogical University, School of Mathematics, Physics and Informatics, Professor
- 2002 - 2004 Institute of Computer Modeling SB RAS, Leading Researcher
- 1986 – 2002 Tuviniian Institute for the Exploration of Natural Resources SB RAS, (Kyzyl) Deputy Director of Science
- 1974-1986 L.V. Kirensky Institute of Physics SB RAS, Department of Theoretical Physics, Lecturer

Recent Publications

- 2017 — V.M. Loginov Acceleration and diffusion of charged particles in the oscillating electric field with randomly jumping phase //Applied Physics. N1. P.9-13 (in Russian).
Stochastic heating of nonrelativistic charged particles in electric fields with random switching's phase //Applied Physics. N3. P.16-20 (in Russian).
Generation of fast charged particles in a superposition of oscillating electric fields with stochastically jumping phases// Technical Physics Letters. Vol. 43. N7. P.655-657.
- 2014 — Kuzenkov N.P., Loginov V.M. R/S method application in neurological speech disorders analyses // Computer Research and Modeling, 2014, vol. 6, no. 5, pp. 775-791 (in Russian).

Patents

- 2015 - State registration of computer program: S.A. Sysoev, N.P.Kuzenkov, V.M. Loginov Calculation of Hurst Exponent for Literary Texts. State Certificate N 2015614773 28.04.2015

Honors and awards

- 2011 – Medal to the Ascetic of Education in memory of the 300th anniversary of M.V. Lomonosov
- 2001 - Gold Certificate of President of Republic Tuva
- 1999 - Certificate of honor of Russian Academy of Sciences
- 1997 - Honor Badge Silver Sigma of Siberian Branch RAS