

CURRICULUM VITAE Jordan Stoyanov jordan.stoyanov@ncl.ac.uk

Newcastle University, School of Mathematics & Statistics Newcastle upon Tyne NE1 7RU, U.K.

Position: Reader in Stochastic Processes [In UK: Reader = Senior Research Fellow]

Retired recently. Emeritus Research Fellow: free for research, travels, visits, short courses.

Home address: 7 Whitton Way, Newcastle upon Tyne NE3 3HY, U.K. [Tel: +44 (0)191 284 0254]

Personal Data: Born in Bulgaria, citizenship Bulgarian and British

Educational and Scientific Degrees: All from Moscow State University, Russia.

Supervisor Professor Albert Shiryaev (Steklov Math Inst Academy of Sciences, Moscow State University).

Professional Interests: *Probability, Stochastic Processes, Mathematical Statistics, Some Applications*

Positions before 1999: Bulgarian Academy of Sciences and University of Sofia.

Visiting-professor positions, 1986 – 1998: At universities in Canada, France, Italy, USA and Brazil.

Associate Editor of: *J. Applied Statistical Science, Journal of Stochastic Analysis, Statistics & Probability Letters*

Membership in Scientific Organizations: London Mathematical Society, Bernoulli Society for Mathematical Statistics and Probability, Institute of Mathematical Statistics

Invited speaker at many International Conferences and University Seminars In all over the world.

Teaching: Variety of undergraduate, graduate and postgraduate courses. **Training students for competitions.**

Supervision of MSc and PhD Students: A large number, they are everywhere and most of them are excellent.

Publications: **[5 books, in different languages, and more than 70 papers]** One of the books is:

Counterexamples in Probability 3rd edn, Dover Publications, New York, September 2013.

(2nd ed, John Wiley & Sons, 1997; Russian edns, Moscow, 1999 and 2012)

Selected Papers:

Multivariate distributions and moment problems. (With C Kleiber)

Journal of Multivariate Analysis **113 (2013)** 7–18.

Hardy's condition in the moment problem for probability distributions. (With GD Lin)

Theory of Probability and Its Applications **57 (2012)**, no. 4, 811–820.

Inference problems involving moment determinacy of distributions.

Communications in Statistics: Theory & Methods **41 (2012)**, 2864–2878.

Mixtures of power series distributions: identifiability via uniqueness in problem of moments.

Annals of the Institute of Statistical Mathematics **63 (2011)** 291-303 (With GD Lin)

The product of three or more exponential random variables is moment-indeterminate.

Statistics & Probability Letters **80 (2010)** 792–796. (With S Ostrovska)

The logarithmic skew-normal distributions are moment indeterminate.

Journal of Applied Probability **49 (2009)** 909–916. (With GD Lin)

Method for constructing Stieltjes classes for M-indeterminate probability distributions.

Applied Mathematics & Computation **165 (2005)** 669–685. (With L Tolmatz)

Stieltjes classes of moment-indeterminate probability distributions.

Journal of Applied Probability **41A (2004)** 281–294.

Krein condition in probabilistic moment problems.

Bernoulli **6 (2000)** 939--949.

Random motions, classes of ergodic Markov chains and beta distributions. (With Ch Pirinsky)

Statistics & Probability Letters **50 (2000)** 293--304.

Regularly perturbed stochastic differential equations with internal random noise.

Nonlinear Analysis, Theory, Methods & Applications **30 (1997)** 4105--4111.

Stochastic version of the averaging principle for diffusion type processes. (With R Liptser)

Stochastics & Stochastics Reports **32 (1990)** 145--163.

The counterexamples needed for the effective teaching and learning of Probability theory.

Studies in Mathematics Education **7**, UNESCO, Paris, **1989** 165--174.

Probabilistic proof of the convergence of a class of n-fold integrals.

Glasnik Matemacki (Zagreb) **21 (1986)** 101--114.