AGGELIKI VOUDOURI

Personal Details

- NAME-SURNAME : Aggeliki Voudouri
- RANK/TITLE : Professor
- SUBJECT : Statistics & Risk Management in Education

Contact Details

- TELEFONE : 210-3688499
- Email : avoudou@primedu.uoa.gr
- ADDRESS : Ippokratous 20, 10680, Athens

Studies

- Higher National Diploma in Statistics, Piraeus University
- Ptychion in Economics, Department of Economics, University of Piraeus
- Department of Computing and Mathematics, University of Bradford
  CONTINUOUS UNIVARIATE DISTRIBUTIONS ARISING IN FINANCE
  Ph.D thesis

Professional Caree/experience

- Risk Analyst, National Statistical Service of Greece (10 years)

Research Interests

- Statistics
- Probability Theory
- Risk Management in Education
- Statistical Software
- Educational Informatics

Teaching

A) Undergraduate level
- a) Statistics
- b) Statistics & Probability Theory
- c) Risk Management I
- d) Risk Management II

B) Postgraduate level
- a) Research Methodologies and Statistics
- b) Qualitative and Quantitative Methods & Approaches in Scientific Research

Publications

- 40 publications in peer-reviewed journals
- 4 publications in peer-reviewed edited volumes
- 8 publications in peer-reviewed conference proceedings

Selected Publications

A) Books and Book chapters

- Applications of Probability Theory & Statistics

B) Articles in Journals and proceedings

- A STOCHASTIC DISCOUNTING MODEL ARISING IN COMPETING RISKS MANAGEMENT
  Computers and Mathematics with Applications (1999), Vol. 38, 51-59, with J. Moshakis and P. Artikis.

- CAUCHY ITERATED INTEGRAL IN CONSTRUCTING A SEQUENCE OF TRANSFORMED CHARACTERISTIC FUNCTIONS
  Advances in Equations and Inequalities (1999), 259 – 273, Hadronic Press,U.S.A.

- A STOCHASTIC INTEGRAL ARISING IN DISCOUNTING CONTINUOUS CASH FLOWS AND CERTAIN TRANSFORMED CHARACTERISTIC FUNCTIONS
  Applied Mathematics Letters (2000), Vol. 13, 87 – 90, with T. Artikis.

- STOCHASTIC FUTURE-VALUE MODELS FOR CONTINUOUS UNIFORM CASH FLOWS ARISING IN RISK MANAGEMENT
  Reports on Statistics and Operational Research (2000), 1 – 23, University of Bradford, with D. Jerwood, T. Artikis and J. Moshakis.

- STOCHASTIC MULTIPLICATIVE MODELS IN RISK SEVERITY REDUCTION OPERATIONS
  Mentor (2000), Vol. 2, 166 – 174

- RANDOM SUMS OF BERNOULLI, RANDOM VARIABLES IN MODELLING, RISK FREQUENCY REDUCTION OPERATIONS
  Spoudai (2001), Vol. 51, 14 – 21

- PROPERTIES AND APPLICATIONS IN RISK FREQUENCY REDUCTION OPERATIONS OF AN INTEGRAL PART MODEL
  Computers and Mathematics with Applications (2001), Vol. 42, 211 – 218, with T. Artikis and P. Artikis.

- RISK MANAGEMENT DECISION MAKING BASED ON RANDOM SUMS INCORPORATING THINNED RENEWAL PROCESS IN RANDOM TIME
  Operational Research (2001), Vol. 1, 1 – 16, with T. Artikis and D. Jerwood .

- STOCHASTIC MODELS IN EDUCATING EXPERTS ON THE MEASURMENT AND CONTROL OF RISK
  Scientific Archives (2001), Honorary Volume, University of Piraeus, 1 – 10, with E. Ntziachristos.

- ON A TRANSFORMATION FOR PROBABILITY GENERATING FUNCTIONS OF SOME INFINITELY DIVISIBLE DISTRIBUTIONS
  Bulletin of the Greek Mathematical Society (2003), Vol 27, pp. 161-167, with E. Ntziachristos.

- RISK CONTROL OPERATIONS IN EDUCATIONAL INFORMATICS
  Submitted for publication, with C. T. Artikis

- STOCHASTIC VECTORS IN MODELLING RISK CONTROL OPERATIONS FOR SUPPORTING INTELLIGENT BEHAVIOUR OF INFORMATION SYSTEMS
  C.T. Artikis, A. Voudouri and T. Babalis
  International Journal of Computational Intelligence Studies (accepted for publication)