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Curriculum Vitae

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Education: B.Sc. in Mathematics (1985) University of Athens, M. Sc. in Statistics (1986) Imperial College, Ph.D. (1990) Birkbeck College.

Professional Experience:
Temporary Lecturer at the University of Crete and the University of the Aegean (1993-1998), Assistant Professor at Technological Educational Institute of Crete (1998-1999), Assistant Professor at the Department of Mathematics of the University of the Aegean (1999-2001), Associate Professor at the Department of Statistics and Actuarial Science of the University of the Aegean (2001-2004), Associate Professor at the Department of Financial and Management Engineering of the University of the Aegean (2004-2009), Associate Professor at the Department of Statistics of Athens University of Economics and Business (2009-2015), Professor at the Department of Statistics of Athens University of Economics and Business (since February 2015).

Research Interests:
Applied Probability and Stochastic Operations Research, Markov decision processes, Population models in Epidemiology and Ecology, Maintenance and Replacement Models, Control of Queues, Logistics.

List of articles published in scientific journals

[1] E. G. Kyriakidis, A. Abakuks, "Optimal pest control through catastrophes", *Journal of Applied Probability* **27**, 873-879 (1989).

[2] E. G. Kyriakidis, "A Markov decision algorithm for optimal pest control through uniform catastrophes", *European Journal of Operational Research* **64**, 38-44 (1993).

[3] E. G. Kyriakidis, "Stationary probabilities for a simple immigration-birth-death process under the influence of total catastrophes", *Statistics and Probability Letters* **20**, 239-40 (1994).

[4] E. G. Kyriakidis, "Optimal control of a simple immigration-birth-death process through total catastrophes", *European Journal of Operational Research* **81**, 346-356 (1995).

[5] E. G. Kyriakidis, "Optimal pest control through the introduction of a predator", *European Journal of Operational Research* **81**, 357-363 (1995).

[6] E. G. Kyriakidis, "Optimal control of two competing diseases or species", *The Mathematical Scientist* **29**, 56-66 (1995).

[7] E. G. Kyriakidis, "Optimal isolation policies for controlling two competing diseases", *The Mathematical Scientist* **24**, 56-67 (1999).

[8] E. G. Kyriakidis, "Optimal control of a truncated general immigration process through total catastrophes", *Journal of Applied Probability* **36**, 461-472 (1999).

[9] E. G. Kyriakidis, "Characterization of the optimal policy for the control of a simple immigration process through total catastrophes", *Operations Research Letters* **24**, 245-248 (1999).

[10] E. G. Kyriakidis, "The transient probabilities of the simple immigration-catastrophe process", *The Mathematical Scientist* **26**, 56-58 (2001).

[11] E. G. Kyriakidis, T. D. Dimitrakos, "Optimal control of two competing species with state-dependent infection rates", *The Mathematical Scientist* **27**, 36-44 (2002).

[12] E. G. Kyriakidis, "The transient probabilities of a simple immigration-emigration-catastrophe process", *The Mathematical Scientist* **27**, 128-129 (2002).

[13] E. G. Kyriakidis, "Optimal control of a simple immigration process through the introduction of a predator", *Probability in the Engineering and Informational Sciences* **17**, 119-135 (2003).

[14] E. G. Kyriakidis, "Optimal control of a simple immigration-emigration process through total catastrophes", *European Journal of Operational Research* **155**, 198-209 (2004).

[15] E. G. Kyriakidis "Transient solution for a simple immigration-birth-death-catastrophe process", *Probability in the Engineering and Informational Sciences* **18**, 233-236 (2004).

[16] E. G. Kyriakidis, T. D. Dimitrakos, "Computation of the optimal policy for the control of a compound immigration process through total catastrophes", *Methodology and Computing in Applied Probability* **7**, 97-118 (2005).

[17] E. G. Kyriakidis, T. D. Dimitrakos, "Optimal preventive maintenance of a production system with an intermediate buffer", *European Journal of Operational Research* **168**, 86-99 (2006).

[18] E. G. Kyriakidis, "On the control of a truncated general immigration process through the introduction of a predator", *Journal of Applied Mathematics and Decision Sciences*, Article ID 76398, pages 1-12 (2006).

[19] E. G. Kyriakidis, T. D. Dimitrakos, "A pest immigration process controlled by an intermittent predator", *The Mathematical Scientist* **31**, 35-41 (2006).

[20] T. D. Dimitrakos, E. G. Kyriakidis, "An improved algorithm for the computation of the optimal repair/replacement policy under general repairs", *European Journal of Operational Research* **182**, 775-782 (2007).

[21] E. G. Kyriakidis, A. Pavitsos, "On the optimal control of a multidimensional simple epidemic process", *The Mathematical Scientist* **32**, 118-126 (2007).

[22] P. Tsirimpas, A. Tatarakis, I. Minis, E. G. Kyriakidis, "Single vehicle routing with a predefined customer sequence and multiple depot returns", *European Journal of Operational Research* **187**, 483-495 (2008).

[23] T. D. Dimitrakos, E. G. Kyriakidis, "A semi-Markov decision algorithm for the maintenance of a production system with buffer capacity and continuous repair times", *International Journal of Production Economics* **111**, 752-762 (2008).

[24] E. G. Kyriakidis, T. D. Dimitrakos, "Single vehicle routing problem with a predefined customer sequence and stochastic continuous demands", *The Mathematical Scientist* **33**, 148-152 (2008).

[25] C. C. Karamatsoukis, E. G. Kyriakidis, "Optimal maintenance of a production-inventory *system with idle periods*", *European Journal of Operations Research* **196**, 744-751 (2009).

[26] A. Pavitsos, E. G. Kyriakidis, "Markov decision models for the optimal maintenance of a production unit with an upstream buffer", *Computers and Operations Research* **36**, 1993-2006 (2009).

[27] E. G. Kyriakidis, A. Pavitsos, "Optimal intervention policies for a multidimensional simple epidemic process", *Mathematical and Computer Modelling* **50**, 1318-1324 (2009).

[28] C. C. Karamatsoukis, E. G. Kyriakidis, "Optimal maintenance of two stochastically deteriorating machines with an intermediate buffer", *European Journal of Operational Research* **201**, 297-308 (2010).

[29] E. G. Kyriakidis, "Explicit solution of the average-cost optimality equation for a pest-control problem", *Advances in Decision Sciences*, Volume 2011, Article ID 617812, 11 pages, doi:10.1155/2011/617812 (2011).

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[31] D. G. Pandelis, E. G. Kyriakidis, T. D. Dimitrakos, "Single vehicle routing problems with a predefined customer sequence, compartmentalized load and stochastic demands", *European Journal of Operational Research* **217**, 324-332 (2012).

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demands", *Probability in the Engineering and Informational Sciences* **27**, 1-23 (2013).

[33] D. G. Pandelis, C. C. Karamatsoukis, E. G. Kyriakidis, "Finite and infinite-horizon single vehicle routing problems with a predefined customer sequence and pickup and delivery", *European Journal of Operational Research* **231**, 577-586 (2013).

[34] E. G. Kyriakidis, "Equilibrium probabilities for a production-inventory system maintained by a control-limit policy", *Communications in Statistics-Theory and Methods*, DOI:10.1080/03610926.2013.827723.

[35] E. G. Kyriakidis, T. D. Dimitrakos, "A semi-Markov decision model for the optimal control of a simple immigration-birth-death process through the introduction of a predator", *Communications in Statistics-Theory and Methods*, DOI:10.1080/03610926.2014911905.

[36] T. D. Dimitrakos, E. G. Kyriakidis, "Stochastic single vehicle routing with pickups and deliveries, continuous demands and a predefined order", *European Journal of Operational Research* **244**, 990-993 (2015).