

**Prof. George E. Kokolakis** (M.Sc., DIC, Ph.D.)

Department of Applied Mathematics  
School of Applied Mathematics and Physical Sciences  
Zografou Campus  
Athens 157 80  
Greece

Phone: + 30 210 772 1704

Fax: + 30 210 772 1705

Email: [kokolakis@math.ntua.gr](mailto:kokolakis@math.ntua.gr)

Web Site: <http://www.math.ntua.gr/~kokolakis>

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**Education**

**B.Sc.** *Mathematics*, Department of Mathematics, Univ. of Athens, Greece.

**M.Sc.** *Statistics*, Department of Mathematics, Imperial College, Univ. of London, UK.

**DIC** *Mathematics: Statistics*, Department of Mathematics, Imperial College, Univ. of London, UK.

**Ph.D.** Department of Statistics and Computer Science, University College, Univ. of London, UK.

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### University Positions

<b>04/78 - 07/82:</b>	<b>Lecturer</b>	Chair of Applied Mathematics, National Technical Univ. of Athens.
<b>07/82 - 05/84:</b>	<b>Lecturer</b>	Department of Mathematics, National Technical Univ. of Athens.
<b>05/84 - 05/96:</b>	<b>Assist. Professor</b>	Department of Mathematics, National Technical Univ. of Athens.
<b>05/96 - 06/07:</b>	<b>Assoc. Professor</b>	Department of Mathematics, National Technical Univ. of Athens.
<b>06/07 -</b>	<b>: Professor</b>	Department of Mathematics, National Technical Univ. of Athens.

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### Visiting Professor and other Academic Positions

<b>01/83 - 08/83:</b>	<b>Senior Research Fellow</b>	Department of Mathematics, University of Nottingham, UK.
<b>09/88 - 12/88:</b>	<b>Visiting Professor</b>	Division of Statistics, University of California, Davis, USA.
<b>01/89 - 06/89:</b>	<b>Visiting Professor</b>	Department of Mathematics, University of Texas, Austin, USA.
<b>07/89 - 08/89:</b>	<b>Visiting Professor</b>	Department of Health Care Policy, Harvard University, USA.
<b>09/89 - 06/90:</b>	<b>Visiting Professor</b>	Division of Statistics, University of California, Davis, USA.

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### Research Interests

- **Probability Theory:** Stochastic Processes, Time Series Analysis, Diffusion Processes and Random Probability Measures, Martingale Theory, Reliability Analysis and System Optimization, Probabilistic Distances, Convexity and Discrete Optimization.
  - **Statistics:** Asymptotic Statistical Theory and Martingales, Bayesian Statistics, Multivariate Statistical Analysis in Pattern Recognition, Optimal Partitions and Identity Protection in Official Statistics.
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## Publications – Research Works

1. **G.E. Kokolakis.** Meteorological Time Series. *M.Sc. and DIC Project.* Imperial College, University of London (1975).
2. **G.E. Kokolakis.** A Study of the Effect of the Number of Variables in Problems of Classification and Prediction. *Ph.D. Thesis.* University College, University of London (1978).
3. **G.E. Kokolakis.** Nonparametric Estimation of Multivariate Distributions. *Athens Symposium on Open Mathem. Problems.* Nat. Tech. Univ. of Athens, (1980), 33-44 (in Greek).
4. **G.E. Kokolakis.** Bayesian Classification and Classification Performance for Independent Distributions. *IEEE, Trans. Inform. Theory*, **IT-27** (1981) , 500-502. [[pdf](#)]
5. **G.E. Kokolakis.** On the Expected Probability of Correct Classification. *Biometrika*, **68** (1981), 477-483. [[pdf](#)]
6. **G.E. Kokolakis.** A New Look at the Problem of Classification with Binary Variables. *Statistician*, **32** (1983), 144-152. [[pdf](#)]
7. **G.E. Kokolakis.** A Bayesian Criterion for the Selection of Binary Features in Classification Problems. *Bayesian Statistics 2* (1984), 673-680. [[pdf](#)]
8. **G.E. Kokolakis.** A Martingale Approach to the Problem of Dimensionality and Performance of Bayesian Classifiers: Asymptotic Results. *Comm. in Statist.*, **A14** (1985), 927-935. [[pdf](#)]
9. **G.E. Kokolakis.** On "Approximating Posterior Distributions and Moments". *Bayesian Statistics 3* (1988), 338-342. [[pdf](#)]
10. **W.O. Johnson and G.E. Kokolakis.** Bayesian Classification Based on Multivariate Binary Data. *J. Statist. Planning and Inference*, **41** (1994), 21-35. [[pdf](#)]
11. **C. Caroni and G. Kokolakis.** Statistical Analysis of Students Performance in the Secondary and University Education. *Pyrforos*, Issue 20 (1995), 124-130 (in Greek).
12. **G. Kokolakis, T. Varvarigou and M. Anagnostou.** Scheduling Starting Times in Redundant Systems. *Proceedings of the HERMIS Intern. Conference.* Athens, Greece (1996), 498-505. [[pdf](#)]
13. **G.E. Kokolakis and P. Dellaportas.** Hierarchical Modelling for Classifying Binary Data. *Bayesian Statistics 5* (1996), 647-652. [[pdf](#)]
14. **V.G. Papanicolaou, G.E. Kokolakis and S. Bonech.** Asymptotics for the Random Coupon Collector Problem. *J. of Comp. and Appl. Mathematics*, **93** (1998), 95-105. [[pdf](#)]
15. **D. Polemi and G. Kokolakis.** A Secure Network of European Statistical Offices over the Internet. *Proceedings of the Statistical Data Protection Conference.* Lisbon, Portugal (1998), 187-193. [[pdf](#)]

16. **G. Kokolakis and Ph. Nanopoulos.** Bayesian Multivariate Micro-Aggregation under the Hellinger's Distance Criterion. *Research in Official Statist.*, **4** (2001), 117-125. [[pdf](#)]
17. **G. Kokolakis, G. Kouvaras and G. Panagopoulou.** The Role of Metadata in the Intelligent Use of the Data: The User Approach. *Proceedings of the New Techniques in Inform. Technology and Statistics.* Hersonissos Crete, Greece (2001), 257-262. [[pdf](#)]
18. **E. Papageorgiou and G. Kokolakis.** A Two-Unit Parallel System Supported by (n-2) Standbys with General and non-Identical Lifetimes. *Intern. J. of Systems Science*, **35** (2004), 1-12. [[pdf](#)]
19. **G. Kokolakis and E. Papageorgiou.** A Two-Unit General Parallel System with Non-identical Standbys: Analytic and Approximating Results. *Proceedings of the Influence of Traditional Mathematics and Mechanics on Modern Science and Technology.* Messini, Greece (2004), 241-249. [[pdf](#)]
20. **G. Kokolakis and E. Papageorgiou.** Scheduling Starting Times for an Active Redundant System with Non-Identical Lifetimes. *Applied Mathematical Modelling*, **30** (2006), 1535-1545. [[pdf](#)]
21. **G. Kokolakis, Ph. Nanopoulos and D. Fouskakis.** Bregman Divergences in the (mxk) Partitioning Problem. *Comput. Statistics and Data Analysis*, **51** (2006), 668-678. [[pdf](#)]
22. **E. Papageorgiou and G. Kokolakis.** A Two-Unit General Parallel System with (n-2) Cold Standbys: Analytic and Simulation Approach. *European J. of Operational Research*, **176** (2007), 1016-1032. [[pdf](#)]
23. **G. Kokolakis and G. Kouvaras.** On the Multimodality of Random Probability Measures. *Bayesian Analysis*, **2** (2007), 213-220. [[pdf](#)]
24. **G. Kokolakis and G. Kouvaras.** Partial Convexification of Random Probability Measures. *Bayesian Statistics 8*, (2007), 619-624. [[pdf](#)]
25. **G. Kouvaras and G. Kokolakis.** Random Multivariate Multimodal Distributions. In *Recent Advances in Stochastic Modelling and Data Analysis*, (2008), 68-75. [[pdf](#)]
26. **G. Kokolakis and D. Fouskakis.** On the Discrepancy Measures for the Optimal Equal Probability Partitioning in Bayesian Multivariate Micro-Aggregation. *Journal of Classification*, **25**, (2008), 209-224. [[pdf](#)]
27. **G. Kokolakis and D. Fouskakis.** Importance Partitioning in Micro-Aggregation. *Comp. Statistics and Data Analysis*, **53**, (2009), 2429-2435. [[pdf](#)]
28. **G. Kokolakis and E. Papageorgiou.** Reliability Analysis of a Two-Unit General Parallel System with (n-2) Warm Standbys. *Europ J. of Operat. Research*, **201**, (2010), 821-827. [[pdf](#)]
29. **G. Kokolakis.** Bayesian Statistical Analysis. *Intern. Encyclopedia of Education*, **7**, (2010), 37-45. [[pdf](#)]
30. **G. Kouvaras and G. Kokolakis.** Priors on the Space of Unimodal Probability Measures. In *Functional Equations in Mathematical Analysis*, (2011), Springer, N.Y. (in Press).

### Papers Submitted and On-Going Research

1. **E. Papageorgiou and G. Kokolakis.** A Two-Unit Parallel System with Programmed Inspections and Renewals. *Intern. J. of Systems Science.* (submitted).
  2. **G. Kokolakis and G. Kouvaras.** Construction of Absolutely Continuous Random Probability Measures via Dirichlet Processes and Convexity.
  3. **G. Kokolakis and E. Papageorgiou.** A Two-Unit Parallel System with Scheduled Inspections and Renewals - An Algorithmic Approach.
  4. **G. Kouvaras and G. Kokolakis.** On the Construction of Absolutely Continuous Multivariate Random Probability Distributions with Levy Processes and Convexity.
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### Conference Participation

1. **G.E. Kokolakis.** The Role of Coherence on the Mean Recognition Accuracy in Pattern Recognition Problems. *IEEE, Intern. Symposium on Information Theory.* Trieste, Italy, June 1979.
2. **G.E. Kokolakis.** Nonparametric Estimation of Multivariate Distributions. *Athens Symposium on Open Mathematical Problems.* Nat. Tech. University of Athens, May 1980.
3. **G.E. Kokolakis.** A New Look at the Problem of Classification with Binary Variables. *IOS, International Conference on Practical Bayesian Statistics.* St. John's College, Cambridge, UK, July 1982.
4. **G.E. Kokolakis.** On the Measures of Divergence, Distance and Entropy for the Selection of Variables in Differential Diagnosis. *GSI, Intern. Statistical Conference on Stochastic Models in Urban Service Systems.* Athens-Delphi, Greece, June 1983.
5. **G.E. Kokolakis.** A Bayesian Criterion for the Selection of Binary Features in Classification Problems. *2nd Valencia Intern. Meeting on Bayesian Statistics.* Valencia, Spain, September 1983.
6. **G.E. Kokolakis.** A Martingale Approach to the Problem of Dimensionality and Performance of Bayesian Classifiers: Asymptotic Results. *7th Congress of Balkan Mathematicians.* Athens, Greece, December 1983.
7. **G.E. Kokolakis.** On "Approximating Posterior Distributions and Moments". *3rd Valencia Intern. Meeting on Bayesian Statistics.* Altea, Spain, June 1987.
8. **G.E. Kokolakis.** Pearson Approximating Densities in Bayesian Inference. *17th European Meeting of Statisticians.* Thessaloniki, Greece, September 1987.
9. **G.E. Kokolakis.** A Bayesian Approach to the Problem Binary Classification with the Method of Kernels. *1st Greek Statistical Conference.* Athens, Greece, February 1988.

10. **G.E. Kokolakis and W.O. Johnson.** Adaptive Bayesian Estimation in Binary Classification Problems. *Joint Statistical Meetings by ASA, IMS and Biom. Soc.*, Washington D.C., USA, August 1989.
11. **G.E. Kokolakis and W.O. Johnson.** Bayesian Estimation of Multinomial Probabilities and Smoothing Parameters in the Binary Classification Problem. *Cosmix Intern. Conference.* Wroclaw, Poland, September 1989.
12. **G. Kokolakis and C. Gatsonis.** Random Effects Models for Ordinal Categorical Data Analysis with an Application to ROC Analysis. *150th Annual Meeting of the American Statistical Association.* Anaheim, California, USA, August 1990.
13. **G. Kokolakis.** Nonparametric Bayesian Prediction in Multivariate Binary Discriminant Analysis. *Advanced Studies Institute on Nonparametric Functional Estimation and Related Topics.* Spetses, Greece, August 1990.
14. **G. Kokolakis and C. Gatsonis.** An Approximation to the Marginal Posterior Mode with Application to the Random Effects Models. *4th Valencia Intern. Meeting on Bayesian Statistics.* Peniscola, Spain, April 1991.
15. **G. Kokolakis.** Ordinal Categorical Regression with Random Effects. *4th Greek Statistical Conference.* Patra, Greece, May 1991.
16. **G. Kokolakis and P. Dellaportas.** Hierarchical Modelling for Classifying Binary Data. *5th Valencia Intern. Meeting on Bayesian Statistics.* Alicante, Spain, June 1994.
17. **G. Kokolakis, E. Protonotarios and T. Varvarigou.** Anything, Anywhere at Anytime with Distributed Statistical Information Systems. *N.S.S.G. Intern. Conference.* Athens, Greece, December 1994.
18. **G. Kokolakis and P. Dellaportas.** Generalized Dirichlet Distribution and Hierarchical Classification Models. *8th Greek Statistical Conference.* Delphi, June 1995.
19. **G. Kokolakis, M. Anagnostou and T. Varvarigou.** Optimizing Support Systems. *1st Meeting of the Association of Balkan Statisticians.* Olympia, Greece, October 1995.
20. **G. Kokolakis, T. Varvarigou and M. Anagnostou.** Scheduling Starting Times in Redundant Systems. *HERMIS Intern. Conference.* Athens, Greece, June 1996.
21. **G. Kokolakis and E. Papageorgiou.** Optimization of Support Systems. *10th Greek Statistical Conference.* Piraeus, Greece, May 1997.
22. **G. Kokolakis and E. Papageorgiou.** Optimization of Renewal Systems. *11th Greek Statistical Conference.* Chania, Greece, May 1998.
23. **D. Polemi and G. Kokolakis.** A Secure Network of European Statistical Offices over the Internet. *Statistical Data Protection Conference.* Lisbon, Portugal, March 1998.
24. **G. Kokolakis.** Micro-aggregation and Minimization of Probabilistic Distances is Statistical Disclosure Control. *6th Valencia Intern. Meeting on Bayesian Statistics.* Alcocebre, Spain, June 1998.
25. **G. Kokolakis and Ph. Nanopoulos.** Protecting Confidentiality and Preserving Statistical Information in Official Statistics. *ISBA 2000, 6th World Meeting: Bayesian Techniques in Public Policy and Government.* Hersonissos, Crete, Greece, May 2000.

26. **G. Kokolakis, G. Kouvaras and G. Panagopoulou.** The Role of Metadata in the Intelligent Use of the Data: The User Approach. *New Techniques in Information Technology and Statistics*. Hersonissos, Crete, Greece, June 2001.
27. **N. Protopsaltis, D. Vergados, G. Kokolakis et al.** Call Admission Control and QoS in Wireless ATM Networks. *8th Intern. Conference on Advances in Communications and Control*. Rethymnon, Crete, Greece, June 2001.
28. **G. Kokolakis and Ph. Nanopoulos.** On the Discrepancy Measures for Optimal Partitioning in Bayesian Multivariate Micro-Aggregation. *Intern. Conference on Current Advances and Trends in Nonparametric Statistics*. Hersonissos, Crete, Greece, July 2002.
29. **G. Kokolakis and E. Papageorgiou.** A Two Unit General Parallel System with Non-Identical Standbys: Analytic and Approximating Results. *Intern. Conference on the Influence of Traditional Mathematics and Mechanics on Modern Science and Technology*. Messini, Greece, May 2004.
30. **G. Kokolakis and E. Papageorgiou.** A Two-Unit Parallel System with (n-2) Cold Standbys and General Lifetime Distributions. *25th European Meeting of Statisticians*. Oslo, Norway, July 2005.
31. **G. Kokolakis and D. Fouskakis.** Importance Partitioning in Micro-Aggregation. *25th European Meeting of Statisticians*. Oslo, Norway, July 2005.
32. **G. Kokolakis and G. Kouvaras.** On the Absolute Continuity of Random Probability Measures. *8th Valencia Intern. Meeting on Bayesian Statistics*. Alicante, Spain, May 2006.
33. **G. Kouvaras and G. Kokolakis.** Random Multivariate Multimodal Distributions. *ASMDA2007 Intern. Conference*. Chania, Crete, Greece, May 2007.
34. **G. Kokolakis and G. Kouvaras. (2007).** Convexification and Finite Multimodality of Random Probability Measures. *Isaac Newton Institute Workshop on the Construction and Properties of Bayesian Nonparametric Regression Models*. Cambridge, 6-10 August 2007. Invited Participant.

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#### Books, Manuscripts and other Publications (in Greek)

1. **G. Kokolakis (1984).** *Tables and Formulas in Probability and Statistics*. (58 pages).
2. **G. Kokolakis and J. Spiliotis (1985).** *Theory of Probability and Applications*. (312 pages).
3. **G. Kokolakis and O. Chryssaphinou (1988).** *Dictionary of Statistical Terms*. (196 pages).
4. **G. Kokolakis and J. Spiliotis (1990).** *Introduction to Probability Theory and Statistics*. (366 pages).
5. **G. Kokolakis and J. Spiliotis (2002).** *Introduction to Probability Theory*. (266 pages).
6. **G. Kokolakis (1986).** *Statistical Notes*. (138 pages).
7. **G. Kokolakis (2003).** *Notes on Stochastic Processes*. (116 pages).

8. **G. Kokolakis and D. Fouskakis** (2005). *Notes in Statistics*. (196 pages).
  9. **G. Kokolakis** (2006). *Notes in Time Series Analysis*. (Pages120).
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### Invited Lectures

1. **The Effect of Dimensionality in Classification Problems.** *Statistics Seminar*. Univ. College London, UK, Dec. 1977. (*Invited by Prof. M. Stone*).
  2. **Bayesian Statistics in Pattern Recognition.** *Statistics Seminar*. Univ. of Athens, Greece, Feb. 1978. (Series of four lectures).
  3. **Statistical Methods in Pattern Recognition.** *Applied Mathematics Seminar*. Nat. Tech. Univ. of Athens, Greece, Nov. 1979.
  4. **Nonparametric Estimation of Multivariate Distributions.** *Athens Symposium of Open Mathematical Problems*. Nat. Tech. Univ. of Athens, Greece, May 1980.
  5. **Applications of Martingales.** *Statistics Seminar*. Univ. of Athens, Greece, Feb. 1981. (*Invited by Visiting Prof. S. Cambanis*).
  6. **Bayesian Classification: New Asymptotic Results.** *Statistics Seminar*. Nat. Tech. Univ. of Athens, Greece, April 1982.
  7. **Stochastic Estimation and Prediction: Kalman Filter.** *Statistics Seminar*. Nat. Tech. Univ. of Athens, Greece, Nov. 1982.
  8. **Statistical Analysis of Binary Data.** *Statistics Seminar*. Department of Mathematics, Univ. of Nottingham, UK, Feb. 1983. (*Invited by Prof. A.F.M. Smith*).
  9. **The Effect of Dimensionality on the Performance of Bayesian Classifiers: Theory and Practice.** *Statistics Seminar*. London School of Economics, Univ. of London, UK, June 1983. (*Invited by Prof. Ph. Dawid*).
  10. **Adaptive Sequential Estimation of Multinomial Probabilities and Smoothing Parameters.** *Statistics Seminar*. Univ. of California at Davis, USA, Dec. 1988. (*Invited by Prof. G.G. Roussas and Prof. W.O. Johnson*).
  11. **A Bayesian Approach to the Nonparametric Density Estimation with Kernels.** *Statistics Seminar*. Univ. of Texas at Austin, USA, Feb. 1989. (*Invited by Prof. C.N. Morris*).
  12. **Convergence of Probability Measures.** *Probability Seminar*. Nat. Tech. University of Athens, Greece, May 1992. (Series of four lectures).
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### Organization of Seminars

Organizer of the following seminars:

1. **Greek Statistical Institute Seminars**  
(Repeated for many years. Funded by the EU)
  - (a) *Statistical Methods in Medical Sciences*. (100 hours).

- (b) *Introduction to Computers and Statistical Packages*. (100 hours).
  - (c) *Actuarial Statistics*. (100 hours).
2. **Center for Continuous Education, NTUA**  
(Repeated for several years since 1992. Funded by the private sector)  
  
*Statistical Quality Control*. (50 hours).
  3. **Computer Center, NTUA**  
(Math. Libraries supporting group. Funded by NTUA).  
  
*The SAS Statistical System* (100 hours, April - May 1996).
  4. **Department of Mathematics, NTUA**  
  
*Probability Seminar* (April - May 1992).
  5. **Department of Mathematics, NTUA**  
(Seminars funded by the Greek Ministry of Education).
    - (a) *Computational Statistical Methods* (150 hours, Apr. - June 1994).
    - (b) *Statistical Packages* (150 hours, April - June 1995).

### Organization of Conferences

Member of the Organizing and Scientific Committees of the following National and International Conferences.

1. **International Statistical Conference on Stochastic Models in Urban Service Systems**. Greek Statistical Institute. Athens - Delphi, Greece, June 1983.
2. **1<sup>st</sup> National Statistical Conference**. Greek Statistical Institute. Thessaloniki, Greece, December 1984.
3. **2<sup>nd</sup> National Statistical Conference**. Greek Statistical Institute. Athens, Greece, February 1998.
4. **1<sup>st</sup> Conference of the Association of Balkan Statisticians**. Olympia, Greece, October 1995.
5. **Statistical Data Protection Conference**. Lisbon, Portugal, March 1998.
6. **NTTS & EKT 2001**. New Techniques and Technologies for Statistics and Exchange of Technology and Knowhow. Hersonissos - Crete, Greece, June 2001.
7. **International Conference on Current Advances and Trends in Nonparametric Statistics**. Hersonissos - Crete, Greece, July 2002.

Local Organizer and member of the Scientific Committee of the International Conference:

8. **ISBA 2000, 6th World Meeting: Bayesian Statistics in Public Policy and Government.** Hersonissos - Crete, Greece, May 2000.
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### **Funded European and National Research Projects**

*Project Manager* of the Greek participation in the following research projects.

1. **RAINBOW I:** An Object Network for Statisticians and Administrations. TELEMATICS AD 1013.
2. **RAINBOW II:** An Object Network for Statisticians and Administrations. TELEMATICS AD 4009.
3. **IQML:** A Software Suite and Extended Mark-up Language (XML) Standard for Intelligent Questionnaires. IST-1999-10338.
4. **VISION:** Towards Next Generation of Knowledge Management. IST-2002-2.1.2.
5. **Feedback on the NTUA's Educational System.** Nat. Tech. University of Athens.
6. **Intelligent Questionnaires.** Nat. Tech. University of Athens. Archimedes Programme.
7. **Random Probability Measures.** Nat. Tech. University of Athens. Caratheodoris Programme.

*Research Group Leader* in the following research projects.

8. **REFORM: REsource Failure and restORation Management,** AC 2078.
  9. **New Approaches in ARCH Modeling and Stochastic Volatility for Multivariate Time Series.** GSRT.
  10. **Sampling Design and Statistical Analysis of Water Demand.** EYDAP S.A.
  11. **Introduction of the Environmental Studies in the Secondary Education.** Greek Ministry of Education.
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### **Supervision of Diploma and M.Sc. Projects**

- (a) **Diploma Projects** (in the Faculty of Mathematics and Physical Sciences, NTUA)
  1. *Risk Analysis in Insurance.* Dept. of Mathematics, Nat. Tech. Univ. of Athens. (2005). By C. Avrambos.
  2. *Statistical Analysis of Insurance Data and Specification of the Premiums.* Dept. of Mathematics, Nat. Tech. Univ. of Athens. (2004). By P. Tranakides.
  3. *A Study of the Reliability of Redundant Systems Without Human Intervention.* Dept. of Mathematics, Nat. Tech. Univ. of Athens. (2004). By E. Pepona.

4. *A Study of the Reliability of Redundant Systems: Comparison of Structures.* Dept. of Mathematics, Nat. Tech. Univ. of Athens. (2004). By A. Chronopoulou.
- (b) **M.Sc. Projects** (in the Faculty of Mathematics and Physical Sciences, NTUA)
5. *Statistical Metadata: Structure, Operation and Design, Quality and Applications.* Dept. of Mathematics, Nat. Tech. Univ. of Athens. (2001). By G. Kouvaras.
  6. *Scheduling Starting Times of Repairable Systems.* Dept. of Mathematics, Nat. Tech. Univ. of Athens. (2000). By G. Papageorgiou.
- (c) **M.Sc. Projects** (in the Faculty of Electrical and Computer Engineering, NTUA)
7. *A Study of the Methods for University Education Assessment.* School of Electrical and Computer Engineering, Nat. Tech. Univ. of Athens. (2004). By J. Vryssis. and J. Isaias.
  8. *Risk Assessment Models – A Study of the Athens Stock Market.* School of Electrical and Computer Engineering, Nat. Tech. Univ. of Athens. (2003). By J. Syghelakis and E. Georganaki.
  9. *Systems and Services to Support and Assess the University Teaching.* School of Electrical and Computer Engineering, Nat. Tech. Univ. of Athens. (2002). By I. Ovezikoglou.
  10. *Value at Risk Analysis.* School of Electrical and Computer Engineering, Nat. Tech. Univ. of Athens. (2001). By F. Georganda and A. Strataki.

#### **Supervision of Ph.D. Theses**

1. *On the Construction of Absolutely Continuous Random Probability Measures.* School of Applied Mathematics and Physical Sciences, Department of Mathematics, Nat. Tech. Univ. of Athens. (2011). By George Kouvaras.
2. *Reliability Analysis of Parallel Systems and their Optimization.* School of Applied Mathematics and Physical Sciences, Department of Mathematics, Nat. Tech. Univ. of Athens. (2004). By Efi Papageorgiou.
3. *A Probabilistic Approach to the Monge-Ampere Equation.* Department of Mathematics, Nat. Tech. Univ. of Athens. (1988). By John Spiliotis.

#### **Scientific Societies Membership**

- Member of the *Greek Mathematical Society*.
- Member of the *Greek Statistical Institute*.
- Member of the *Royal Statistical Society*.
- Member of the *International Society for Bayesian Analysis*.

### **Professional Honors Membership**

- Elected Member of the *International Statistical Institute*.
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### **Refereeing**

- *Applied Mathematical Modelling*.
  - *European Journal of Operational Research*.
  - *Information Societies Technologies Workprogramme*.
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