Publications

International Journals

1. V.P. Koutras, A. Kadrefi, A.N. Platis (2021). A Cyclic Non-Homogenous Markov Chain Model for Resource Availability Optimization in a Two-Parking Lots System with Priority Classes and Resource Reservation. ***Applied Stochastic Models in Business and Industry***, Vol. 38(1), Pages 182-210, (2018). **doi:** https://doi.org/10.1002/asmb.2655
2. V.P. Koutras, S. Malefaki, A.N. Platis (2021). Opportunistic maintenance on the automated switch mechanism of a two-unit multi-state system. ***European Journal of Industrial Engineering***, Vol. 5(2), Pages 616-642. **doi**: 10.1504/EJIE.2021.10035757
3. M. E. Fragkos, V. Zeimpekis, V. Koutras, I. Minis (2020). Supply planning for shelters and emergency management crews. ***Operational Research, An International Journal***, **Available online (12 March 2020), doi:** https://doi.org/10.1007/s12351-020-00557-7.
4. V. P. Koutras, A. N. Platis (2019). On the performance of software rejuvenation models with multiple degradation levels. ***Software Quality Journal***, Pages 1-37, **doi:** https://doi.org/10.1007/s11219-019-09491-0.
5. E. Baou, V.P. Koutras, V. Zeimpekis, I. Minis. Emergency evacuation planning in natural disasters under diverse population and fleet characteristics, ***Journal of Humanitarian Logistics and Supply Chain Management***, Vol. 8(4), Pages 447-476, (2018). **doi:** https://doi.org/10.1108/JHLSCM-11-2017-0066
6. V.P. Koutras, S. Malefaki, A.N. Platis, Optimization of the dependability and performance measures of a generic model for multi-state deteriorating systems under maintenance, ***Reliability Engineering & System Safety***, Vol. 166, Pages 73-86, (2017). **doi:** http://dx.doi.org/10.1016/j.ress.201701.002.
7. C. Salagaras, V. P. Koutras, N.S. Thomaidis, V. Vassiliadis, A.N. Platis, G. Dounias and C. Kyriazis, (2017). Resource Availability Modeling and Optimization in a Car Park Management Problem. ***International Journal of Operations Research and Information Systems, Special Issue: Operations Research and its Application in Engineering***, Vol..8(2), Pages 56-77, (2017) **doi:**10.4018/IJORIS.2017040103
8. A. Manatos, V. P. Koutras and A. N. Platis. Dependability and performance stochastic modelling of a two-unit repairable production system with preventive maintenance, ***International Journal of Production Research***, Vol. 54 (21), Pages. 6395-6415, (2016). **doi**: 10.1080/00207543.2016.1201603
9. V. P. Koutras and A. N. Platis, A. N. User-perceived Availability of a Software Rejuvenation Model with Recovery Time Omission. ***Quality and Reliability Engineering International***, Vol. 32(4), Pages 15-21-1533, (2016). **doi:** https://doi.org/10.1002/qre.1862
10. V.P. Koutras, S. Malefaki, A.N. Platis. Rejuvenation Effects on the Grid Environment Performance with Response Time Delays using Monte Carlo Simulation, ***Simulation Modelling Practice and Theory***, Vol. 40, Pages 176-191 (2014). **doi:** http://dx.doi.org/10.1016/j.simpat.2013.10.001
11. V.P. Koutras, A. N. Platis, G. A. Gravvanis. Software Rejuvenation and Resource Reservation Policies for Optimizing Server Resource Availability using Cyclic Non-Homogeneous Markov Chains, ***Applied Stochastic Models in Business and Industry***, Vol. 29(1), Pages 61-78 (2013). **doi:** 10.1002/asmb.945**.**
12. V.P. Koutras, A.N. Platis. Semi-Markov Performance Modeling of a Redundant System with Partial, Full and Failed Rejuvenation, ***International Journal of Critical Computer Based Systems,*** *Inderscience Publishers***,** Vol. 1, (1/2/3), Pages 59-85, (2010). **doi:** 10.1504/IJCCBS.2010.031909
13. V.P. Koutras, A.N. Platis, G.A. Gravvanis. Availability and Performance on a Grid Computing Environment with Software Rejuvenation Based on Approximate Inverse Preconditioning. HERMIS: ***The International Journal of Computer Mathematics and its Applications***, Elias A. Lipitakis (Editor-in-Chief), Vol. 11, Pages 69-86, (2010).
14. V.P. Koutras, A.N. Platis, G.A. Gravvanis. Optimal Server Resource Reservation Policies for Priority Classes of Users under Cyclic Non-Homogeneous Markov Modeling, ***European Journal***

of Operational Research, Vol. 198, Pages 545-556, (2009). **doi:** http://dx.doi.org/10.1016/j.ejor.2008.09.031

15. V.P. Koutras, A.N. Platis, G.A. Gravvanis, Software Rejuvenation for Resource Optimization Based on Explicit Approximate Inverse Preconditioning, ***Applied Mathematics and Computation,*** Vol. 189(1), John L. Casti, Melvin Scott (eds.)© 2007, Elsevier, Pages 163-177, (2007). **doi:** http://dx.doi.org/10.1016/j.amc.2006.11.056
16. V.P. Koutras, A. N. Platis, G. A. Gravvanis. On the Optimization of Free Resources Using Non-Homogeneous Markov Chain Software Rejuvenation Model. ***Reliability Engineering and System Safety***, Vol. 92(12), Pages 1724–1732, (2007). **doi :** http://dx.doi.org/10.1016/j.ress.2006.09.017

Book Chapters

17. P.M. Psomas, A.N. Platis. (2022). Optimizing the Maintenance Strategy for Offshore Wind Turbines Blades Using Opportunistic Preventive Maintenance. ***In W. Zamojski et al. (Eds.): DepCoS-RELCOMEX 2022, LNNS 484, (529469_1_En, Chapter 22)***, doi: https://doi.org/10.1007/978-3-031-06746-4_22, **to appear**
18. V.P. Koutras, S. Malefaki and A.N. Platis (2020). Dependability and Performance Analysis for a Two Unit Multi-State System with Imperfect Switch. ***In A. Makrides, A. Karagrigotiou & C. Skiadas (Eds.), Data Analysis and Applications 4, Vol. 6, iSTE WILEY, London***, Pages 119-154.
19. V.P. Koutras, and A.N. Platis. (2020). Software Rejuvenation: Key Conceptsand Granularity. ***In T. Dohi, K.S. Trivedi & Alberto Avritzer (Eds.), Handbook of Software Aging and Rejuvenation***, ***Fundamentals, Methods, Applications, and Future Directions***, World Scientific, Pages 41-70. **doi:** https://doi.org/10.1142/9789811214578_0003.
20. V.P. Koutras, S. Malefaki and A.N. Platis (2020). Stochastic Modelling of Opportunistic Maintenance for Series Systems with Degrading Components. ***In Cui, Frenkel & Lisnianski (Eds.), Stochastic Modeling in Reliability Engineering,*** CRC Press, Taylor and Francis Group, Boca Raton, Pages 183-197.
21. S. Malefaki, V.P. Koutras, and A.N. Platis. (2017).Optimizing availability and performance of a two-unit redundant multi-state deteriorating system. ***Recent Advances in Multi-State Reliability, Springer Series in Reliability Engineering, Part of the Springer Series in Reliability Engineering book series (RELIABILITY), Springer, Berlin***. Pages 71-105. **doi:** https://doi.org/10.1007/978-3-319-63423-4_5
22. V.P. Koutras. Two-Level Software Rejuvenation Model with Increasing Failure Rate Degradation, ***Dependable Computer Systems***, ***Advances in Intelligent and Soft Computing Vol. 97,*** Springer-Verlag Berlin Heidelberg, Pages 101-115, (2011). **doi:** 10.1007/978-3-642-21393-9_8

International Conferences Proceedings (with review)

23. P.M. Psomas, I. Dagkinis , A.N. Platis, V.P. Koutras, (2022), Modelling the Dependability of an Offshore Desalination System Using the Universal Generating Function Technique. ***Proceedings of the 32nd European Safety and Reliability Conference (ESREL 2022), Eds: Maria Chiara Leva, Edoardo Patelli, Luca Podofillini, and Simon Wilson, ISBN: 978-981-18-5183-4. Research Publishing, Singapore***, Dublin, Ireland, Pages: 1731-1738 **doi**: 10.3850/978-981-18-5183-4_R29-12-226-cd
24. I. A. Mitrofani and V. P. Koutras, (2021). A Branching Process Model for the Novel Coronavirus (Covid-19) Spread in Greece. ***International Journal of Modeling and Optimization: Proceedings of the 9th International Conference on System Modeling and Optimization, Budapest, Hungary, February 3-5, 2021***, Vol. 11(3), Pages 63-69. **doi:** 10.7763/IJMO.2021.V11.779
25. I. Mitrofani and V.P. Koutras (2020). Modelling Refinery Pump System Reliability Using Branching Processes. ***Proceedings of the 30th European Safety and Reliability Conference and the 15th Probabilistic Safety Assessment and Management Conference Edited by Piero Baraldi, Francesco Di Maio and Enrico ZioCopyright : ESREL2020-PSAM15Organizers. Published by Research Publishing, Singapore. ISBN/DOI : 978-981-14-8593-0,*** Venice, Italy, 1-6 November 2020.

26. A. Kadrefi, V.P. Koutras and A.N. Platis (2020). Modelling Resource Reservation in a two-parking lot problem with client priorities. ***Proceedings of the 30th European Safety and Reliability Conference and the 15th Probabilistic Safety Assessment and Management Conference Edited by Piero Baraldi, Francesco Di Maio and Enrico ZioCopyright : ESREL2020-PSAM15Organizers. Published by Research Publishing, Singapore. ISBN/DOI : 978-981-14-8593-0,*** Venice, Italy, 1-6 November 2020.

27. P. Psomas, A.N. Platis and V.P. Koutras (2020). Modelling the Dependability Measures of a Multi-State Degraded Wind Farm System with Minimal Repairs Using the UGF Technique. ***Proceedings of the 30th European Safety and Reliability Conference and the 15th Probabilistic Safety Assessment and Management Conference Edited by Piero Baraldi, Francesco Di Maio and Enrico ZioCopyright : ESREL2020-PSAM15Organizers. Published by Research Publishing, Singapore. ISBN/DOI : 978-981-14-8593-0,*** Venice, Italy, 1-6 November 2020.

28. A. Kadrefi, V.P. Koutras and A.N. Platis (2020). Profit Optimization in a Two-Parking Lots System with Priority Clients using Resource Reservation Policies. *In Proc of* ***XIV Balkan Conference on Operational Research, BALCOR 2020,*** Thessaloniki, Greece, 30 September-3 October 2020. Pages 382-386.

29. V. P. Koutras, S. Malefaki and A. N. Platis, (2018). Optimal Maintenance Policies of a Two Unit Multi-State Deteriorating System with Imperfect Switch. *In Proc. of* 5th ***Stochastic Modeling Techniques and Data Analysis International Conference***, Chania, Crete, Greece, 12-15 June 2018.

30. P.M. Psomas, A. N. Platis and V. P. Koutras, (2018). Modeling the Reliability and Performance of a Wind Farm Using the Universal Generating Function Technique. *In Proc. of* 5th ***Stochastic Modeling Techniques and Data Analysis International Conference***, Chania, Crete, Greece, 12-15 June 2018, Pages 497-508.

31. S. Malefaki, V.P. Koutras and A.N. Platis, Multi-State Deteriorating System Dependability with Maintenance using Monte Carlo Simulation. *In Proc of* ***SMRLO'16 2016:Second International Symposium on Stochastic Models in Reliability Engineering, Life Science and Operations Management***, February 2016, SCE- Shamoon College of Engineering, Beer Sheva, Israel, Pages 61-70, (2016) **doi:** 10.1109/SMRLO.2016.21

32. C.S. Salagaras, V.P. Koutras, A.N. Platis and I.A. Tsokos. Resource Availability Optimization for a Point-to-Point Connection on a Telecommunication Network. In Proc of ***SMRLO'16 2016:Second International Symposium on Stochastic Models in Reliability Engineering, Life Science and Operations Management***, February 2016, SCE- Shamoon College of Engineering, Beer Sheva, Israel, Pages 176-185, (2016). **doi:** 10.1109/SMRLO.2016.39

33. T.V. Tzioutzias, A.N. Platis and V.P. Koutras. Markov Modeling of the Availability of a Wind Turbine Utilizing Failures and Real Weather Data. *In Proc of* ***SMRLO'16 2016:Second International Symposium on Stochastic Models in Reliability Engineering, Life Science and Operations Management***, February 2016, SCE- Shamoon College of Engineering, Beer Sheva, Israel, Pages 166-196, (2016). **doi:** 10.1109/SMRLO.2016.40

34. I. I. Stamoulis, A. N. Platis, V. P. Koutras. Planning of electric power distribution networks with reliability criteria. ***Theory and Engineering of Complex Systems and Dependability, Advances in Intelligent Systems and Computing***, ***Online ISBN 978-3-319-19216-1***, W. Zamojski et al. (eds), Springer International Publishing, Volume 365, Pages 455-464 , (2015). **doi:** 10.1007/978-3-319-19216-1_43.

35. S. Malefaki, V.P. Koutras & A.N. Platis, Optimizing the availability and the operational cost of a periodically inspected multi-state deteriorating system with condition based maintenance policies, In Proc of the ***9th International Conference on Availability, Reliability and Security***, September 2014, University of Fribourg, Switzerland,Fribourg,Switzerland, Pages 403-411, (2014).

36. I.G. Sideratos, A. N. Platis, V. P. Koutras, N. Ampazis. Reliability analysis of a two-stage Goel-Okumoto and Yamada S-shaped model, In ***Proceedings of the Ninth International Conference on Dependability and Complex Systems DepCoS-RELCOMEX.*** June 30 – July 4, 2014, Brunów, Poland***, Advances in Intelligent Systems and Computing,*** Volume 286, Pages 393-402, (2014).

37. T.V. Tzioutzias, A. N. Platis and V. P. Koutras. Modeling the Reliability and the Performance of a Wind Farm Using Cyclic Non-Homogenous Markov Chains. *In Proc of* ***Probabilistic Safety Assessment & Management*** conference (PSAM12), June 2014, United States, Honolulu, Hawaii, (2014).

38. P. Diamantopoulos, V.P. Koutras, A.N. Platis. Cloud computing service reliability modeling with batch arrivals and retrial queues, ***Safety, Reliability and Risk Analysis: Beyond the Horizon-Steenbergen et al* (*Eds*), *2014 Taylor & Francis Group, London*, *ISBN 978-1-138-00123-7***, Pages 2941-2949, (2014).

39. A.N. Platis, V.P. Koutras, S. Malefaki. Achieving high availability levels of a deteriorating system by optimizing condition based maintenance policies, ***Safety, Reliability and Risk Analysis: Beyond the Horizon-Steenbergen et al* (*Eds*), *2014 Taylor & Francis Group, London*, *ISBN 978-1-138-00123-7***, Pages 829-837, (2014).

40. V.P. Koutras, A.N. Platis, C.S. Salagaras. Resource Availability Optimization for Green Courier Service, ***2013 IFAC Conference on Manufacturing Modeling, Management, and Control (MIM 2013)***, Pages 1654-1659, (2013).

41. N. S. Thomaidis, C.S. Salagaras, V. Vassiliadis, V.P. Koutras, A.N. Platis, G. Dounias. Evolutionary Algorithms for Solving Resource Availability Optimization Problems related to Client Service of Different Priority Classes. *In Procs of* ***2nd International Symposium and 24th National Conference on Operational Research***, ISBN: 978-618-80361-1-6, Athens, Greece, September 26-28, (2013), Pages 252-257.

42. S. Malefaki, V.P. Koutras, A.N. Platis. Modeling Software Rejuvenation on a Redundant System Using Monte Carlo Simulation, ***2012 IEEE 23rd International Symposium on Software Reliability Engineering Workshops (ISSREW)***, Dallas TX, USA, Pages 277-282, (2012),**doi:** 10.1109/ISSREW.2012.89.

43. V.P. Koutras, A.N. Platis, N. Limnios. Performance Estimation of a System under Minimal, Perfect and Failed Rejuvenation, ***11th International Probabilistic Safety Assessment and Management Conference and the Annual European Safety and Reliability Conference 2012*** (PSAM11 & ESREL12), Vol. 3, Pages: 1859-1868, (2012)**.**

44. V.P. Koutras, A.N. Platis. Applying Partial and Full Rejuvenation in Different Degradation Levels, ***The 22nd annual International Symposium on Software Reliability Engineering (ISSRE 2010)-3rd Workshop on Software Aging and Rejuvenation (WoSAR 2011)***, Hiroshima, Japan, Pages 20-25, (2011). **doi**: 10.1109/WoSAR.2011.14

45. V.P. Koutras, S. Malefaki, A.N. Platis. A Monte Carlo Simulation Based Dependability Analysis of a non-Markovian Grid Computing Environment with Software Rejuvenation, ***Advances in Safety, Reliability and Risk Management - Proceedings of the European Safety and Reliability Conference, ESREL 2011,*** Pages: 1959-1966, (2011), **doi**: 10.1201/b11433-276.

46. E.C. Grigoriadou, V.P. Koutras, A. Platis. Semi-Markov coverage modeling and optimal maintenance policies of an automated restoration mechanism, ***Advances in Safety, Reliability and Risk Management - Proceedings of the European Safety and Reliability Conference, ESREL 2011,*** Pages: 949-956, (2011), **doi**: 10.1201/b11433-133.

47. A.N. Platis, V.P. Koutras, Software Rejuvenation on a PKI Infrastructure, ***The 21st annual International Symposium on Software Reliability Engineering (ISSRE 2010)-2nd Workshop on Software Aging and Rejuvenation (WoSAR 2010)***, San Jose, USA, November 1 – 4, ***IEEE Xplorer***, *in press*, (2010), **doi**:: 10.1109/WOSAR.2010.5722102.

48. V.P. Koutras, A.N. Platis, N. Limnios. Dependability Measures Maximum Likelihood Estimation for a Redundant System with Minimal, Perfect and Failed Rejuvenation***, Proceedings of European Safety and Reliability Conference***, ***ESREL 2010***, Pages. 1553-1560, (2010).

49. V.P. Koutras, C.S. Salagaras, A.N. Platis. Software Rejuvenation for Higher Levels of VoIP Availability and Mean Time To Failure, 4*th* ***International Conference on Dependability of Computer Systems (DepCoS-RELCOMEX '09)***, © 2009, IEEE Computer Society Press, Pages 99-106, (2009), **doi**: http://doi.ieeecomputersociety.org/10.1109/DepCoS-RELCOMEX.2009.21.

50. V.P. Koutras, A.N. Platis. Modeling Resource Availability and Optimal Fee for Priority Classes in a Website, ***Proceedings of European Safety and Reliability Conference (ESREL 2009)***, Pages 1191-1198, (2009).

51. J.B. Violentis, A.N. Platis, G.A. Gravvanis, V.P. Koutras. Electrical Substation Efficient Maintenance Policies Based On Semi-Markov Modeling and Approximate Inverse Preconditioning, ***Proceedings of The 9th Hellenic European Research on Computer Mathematics & its Applications Conference*** (***HERCMA 2009***), (2009).

52. P.K. Saravakos, G.A. Gravvanis, V.P. Koutras, A.N. Platis. A Comprehensive Approach to Software Aging and Rejuvenation on a Single Node Software System, ***Proceedings of The 9th Hellenic European Research on Computer Mathematics & its Applications Conference*** (***HERCMA 2009***), (2009).

53. V.P. Koutras, A.N. Platis, N. Limnios. Availability and Reliability Estimation for a System Undergoing Minimal, Perfect and Failed Rejuvenation, ***First International Workshop on Software Aging and Rejuvenation WOSAR 2008 in conjunction with 19th IEEE International Symposium on Software Reliability Engineering ISSRE 2008, IEEE Xplorer***, Pages 1-6, (2008), **doi**: 10.1109/ISSREW.2008.5355519.

54. V.P. Koutras, A.N. Platis. Guaranteed Resource Availability in a Website, ***Safety, Reliability and Risk Analysis: Theory, Methods and Applications*** – Martorell et al. (eds), © 2008 Taylor & Francis Group, London, Pages 1525-1532, (2008).

55. V.P. Koutras, A.N. Platis. Modeling Perfect and Minimal Rejuvenation for Client Server Systems with Heterogeneous Load, ***14th IEEE Pacific Rim International Symposium on Dependable Computing***, IEEE Computer Society Press, Pages 95-103, (2008), **doi**: 10.1109/PRDC.2008.22. .

56. V.P. Koutras, A.N. Platis. Semi-Markov Availability Modeling of a Redundant System with Partial and Full Rejuvenation Actions, 3rd ***International Conference on Dependability of Computer Systems (DepCoS-RELCOMEX '08)***, © 2008, IEEE Computer Society Press, Pages 127-134, (2008) **doi**: 10.1109/DepCoS-RELCOMEX.2008.13 .

57. V.P. Koutras, A.N. Platis, G. A. Gravvanis. Software Rejuvenation on a Grid Computing Environment for Higher Availability Based on Approximate Inverse Preconditioning, ***Proceedings of The 8th Hellenic European Research on Computer Mathematics & its Applications Conference (HERCMA 2007)***, (2007).

58. J.B. Violentis, V.P. Koutras, A.N. Platis. G.A. Gravvanis. Asymptotic Availability of an Electrical Substation via a Semi-Markov Process Computed by Generalized Approximate Inverse Preconditioning, ***Proceedings of The 8th Hellenic European Research on Computer Mathematics & its Applications Conference (HERCMA 2007)***, (2007).

59. V.P. Koutras, A.N. Platis. VoIP Availability and Service Reliability through Software Rejuvenation Policies, ***2nd International Conference on Dependability of Computer Systems (DepCoS-RELCOMEX '07)***, © 2007, IEEE Computer Society Press, Pages 262-269, (2007), **doi**: 10.1109/DEPCOS-RELCOMEX.2007.54 .

60. V.P. Koutras, A.N. Platis, G. A. Gravvanis. Software Rejuvenation for Higher Levels of Grid Availability. ***Risk, Reliability and Societal Safety*** – Aven & Vinnem (eds), © 2007 Taylor & Francis Group, London, Pages 1723-1730, (2007).

61. V.P. Koutras, A.N. Platis. Resource Availability Optimization for Priority Classes in a Website, ***12th IEEE International Symposium on Pacific Rim Dependable Computing(PRDC '06)***, Jeske, Giardo, Dai (eds)© 2006, IEEE Computer Society Press, Los Alamitos, California, Pages 305-312, (2006), **doi**: 10.1109/PRDC.2006.54 .

62. V.P. Koutras, A.N. Platis. Applying software rejuvenation in a two node cluster system for high availability, ***International Conference on Dependability of Computer Systems (DEPCOS-RELCOMEX'06),*** (ed.)© 2006, IEEE Computer Society Press, , Pages 175-182, (2006), **doi**: 10.1109/DEPCOS-RELCOMEX.2006.7.

63. V.P. Koutras, A.N. Platis. Optimal Rejuvenation Policy for Increasing VoIP Service Reliability, ***Advances in Safety and Reliability***, Soares (ed.)© 2006 Taylor & Francis Group, London, Vol. 3, Pages 2285-2290, (2006).

64. V.P. Koutras, A. Platis. Optimizing the Amount of Free Resources on a Computer System using Software Rejuvenation, ***Advances in Safety and Reliability***, Kołowrocki (ed.), © 2005 Taylor & Francis Group, London, Pages 1187-1192, (2005).

65. V.P. Koutras, E. Mennis, N. Nikitakos, A.N. Platis. Software rejuvenation in maritime applications, ***Advances in Safety and Reliability*** Kołowrocki (ed.)© 2005 Taylor & Francis Group, London, Pages 1193-1197, (2005).

Conference Presentations

66. V. P. Koutras, (2021). Stochastic Modeling of Software Rejuvenation: Recent Advances and Future Directions, ***33rd Panhellenic Statistical Conference and the 2021 International Workshop of G.S.I.*** **Invited Speaker.**

67. V. P. Koutras (2019). Modeling the implementation of software rejuvenation in computer systems: Advances and future trends. ***11th International Workshop on Software Aging and Rejuvenation WOSAR 2019***, **Keynote Speaker**.

68. S. Malefaki, V.P. Koutras and A.N. Platis. (2017). Sojourn time distributions effects on a redundant multi-state deteriorating system with maintenance. ***European Meeting of Statisticians (EMS)***, 24-28 July 2017, Helsinki, Finland.

69. A. Manatos, S. Malefaki, V.P. Koutras. Modeling and Optimization of Dependability and Performance Measures of Multi-State Deteriorating Systems with Redundancy, ***29th Panhellenic Statistics Conference***, (2016). **(in greek)**

70. S. Malefaki, V. P. Koutras, A.N. Platis. Optimization of Maintennace Policies for Technological Systems, ***28th Panhellenic Statistics Conference,*** (2015)**. (in greek)**

71. V. Vassiliadis, C. Salagaras, V. Koutras, N. Thomaidis, A. Platis, G. Dounias, C. Kyriazis. Resource availability modeling and optimization in a car park management problem, ***3rd International Symposium & 25th National Conference on Operational Research***, Volos, Greece, 26-28 June 2014.

72. V.P. Koutras, S. Malefaki, A. N. Platis. Dependability Analysis of a Software Rejuvenation Model Based on Monte Carlo Simulation, ***24ο Panhellenic Statistics Conference,*** (2011)**.**