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Books

Dr. J. Sztrik

1. How to get easier with computer science
   Second author : R. Rigó

2. How to pronounce
   **Codex-3V Press**, Debrecen, Hungary (1994)
   Second author : R. Rigó

Lecture Notes

Dr. J. Sztrik

1. Probability Theory and Mathematical Statistics; A Collections of Exercises
   **University of Debrecen**, Hungary (1989, 1992)
   First author : M. Nagy

2. Numerical Analysis; A Collection of Exercises
   **University of Debrecen**, Hungary (1990, 1992)
   First author : M. Lénárd

3. Elements of Operational Research
   **University of Debrecen**, Hungary (1992)
   First author : B. Glevitzky

4. Foundations of Information Science; A Collections of Exercises
   **University of Debrecen**, Hungary (1993)
   Co-authors : B. Almási, G. Fazekas, A. Kuki

5. An Introduction to Queueing Theory and its Applications
   **University of Debrecen**, Hungary (1994)

Papers

B. Almási

1. A Queueing Model for a Processor-shared Multi-terminal System subject to Breakdowns
   **Acta Cybernetica** 4(1993) 273-282

2. A queueing model for a non-homogeneous terminal system subject to breakdowns
   **Computers and Maths. Applications** 25 (1993) 105-111
   Second author : J. Sztrik
Dr. J. Sztrik

1. A heterogeneous SCAN service polling model with single-message buffer  
   Proc. IFIP WG 7.3, Kyoto, Japan (1991) 99-111  
   First author: B.D. Bunday

2. Asymptotic analysis of complex standby systems with fast repair  

3. Asymptotic analysis of a heterogeneous finite-source communication system with ...  
   Bulletins for Applied Mathematics 744/91 (1991) 103-135

4. Asymptotic analysis of a heterogeneous multiprocessor system in a randomly changing ...  
   Second author: D. Kouvatsos

5. Modelling of a communication system evolving in a random environment  
   Acta Cybernetica 10 (1991) 85-91  
   Second author: L. Lukashuk

6. Modelling of heterogeneous multiprocessor systems with randomly changing parameters  
   Acta Cybernetica 10 (1991) 71-84

7. An asymptotic approach to the multiple machine interference problem with Markovian environments  
   Publicationes Mathematicae 41 (1992) 325-339  
   Second author: B.D. Bunday

8. An asymptotic approach to the machine interference problem with Markovian environments  
   Second author: B.D. Bunday

9. Asymptotic analysis of a heterogeneous renewable complex system with random environments  
   Microelectronics and Reliability 32 (1992) 975-986

10. Asymptotic analysis of the reliability of a complex standby system with fast repair  

11. Asymptotic analysis of a multiple server queueing system operating in a Markovian environment  
    Computational and Applied Mathematics 76 (1992) 91-98  
    First author: L.I. Lukashuk  
    Second author: Ju. A. Semenchenko

12. Modelling of a single bus multiprocessor system operating in Markovian environments  

13. The maintenance of bi-directionally patrolled machines  
    First author: B.D. Bunday

14. A queueing model for a non-homogeneous terminal system subject to breakdowns  
    First author: B. Almási
15. Asymptotic analysis of the heterogeneous machine interference problem with random environments
   Applied Mathematical Modelling 17 (1993) 105-110
   Second author : B.D. Bunday

16. Asymptotic analysis of a heterogeneous finite-source communication system operating in random environments
   Publicationes Mathematicae 42 (1993) 225-238

17. Limit theorems for dependent summation schemes
   First author : A.I. Chernyak

18. Machine interference problem with a random environment
   Second author : B.D. Bunday

19. Modelling of a multiprocessor system in a randomly changing environment
   Performance Evaluation 17 (1993) 1-11

20. On a closed communication system with fast sources and operating in Markovian environments
   Second author : R. Rigó

21. Performance Modelling of a Heterogeneous Multiprocessor System in a Randomly Changing Environments
   Proceedings of Performance'93 (1993) 390-394
   Second author : D. Kouvatsos

22. Simulation of Rare Queueing Events by Switching Arrival and Service Rates
   Proceedings of the 1993 Winter Simulation Conference 317-322
   First author : Cheng R.

23. Bounds on the Effects of Correlation in a Stable MMPP/MMPP/1/N Queue
   ( with Kouvatsos D.D. and Fretwell R. )

Research Reports

B. Almási

1. A queueing model for a non-homogeneous terminal system subject to breakdowns
   Universitas Debrecen No. 92/37, Hungary (1992)
   Second author : J. Sztrik

2. A queueing model for a processor-shared mult-terminal system subject to breakdown
   Universitas Debrecen No. 92/65, Hungary (1992)

Dr. I. Fazekas

1. Hellinger Transform of Gaussian autoregressive processes
   Universitas Debrecen No. 92/82, Hungary (1992)
Dr. J. Kormos

1. On estimations for nearly nonstationary AR-process
   **Univ. Nijmegen** No. 9218, The Netherlands (1992)
   Co-authors: K. Dzaparidze, T. van der Meer, M. Zuijlen

Dr. J. Sztrik

1. Asymptotic analysis of a heterogeneous renewable complex system with random environments

2. Asymptotic analysis of the heterogeneous machine interference problem with random environments
   Second author: B.D. Bunday

3. Modelling of a multiprocessor system in a randomly changing environment
   **Universitas Debrecen** No. 91/09, Hungary (1991)

4. The GE-Type Building Block for General Queueing Networks with Blocking Before or After Service
   First author: D.D. Kouvatsos

5. A queueing model for a non-homogeneous terminal system subject to breakdowns
   **Universitas Debrecen** No. 92/37, Hungary (1992)
   First author: B. Almási

6. Asymptotic analysis of a renewable complex system with Erlangian repair times
   **Universitas Debrecen** No. 92/38, Hungary (1992)
   Second author: R. Cheng

7. Asymptotic analysis of a heterogeneous finite-source communication system operating in random environments
   **Universitas Debrecen** No. 92/64, Hungary (1992)

8. Queueing model for a heterogeneous multiprocessor system with randomly changing parameters
   **Universitas Debrecen** No. 92/63, Hungary (1992)

9. Queueing model for a Markov-modulated heterogeneous multiprocessor system
   Second author: G. Bolch

10. Stochastic Modelling of Information and Computer Systems
    **Universitas Debrecen** No. 93/89, Hungary (1993)

Conferences

B. Almási

1. Statistical Methods in Network and Software Analysis
   **NJSZT V. kong.** Debrecen, 1992, Vol. II. 2-12
   Second author: A. Kuki

1. Comparing two queueing models for non-homogeneous non-reliable terminal systems
   **XVIth seminar on Stability Problems of Stochastic Models, pp. 13.**
   Eger, Hungary (1994)
A. Kuki

1. Statistical Methods in Network and Software Analysis
   NJSZT V. kong. Debrecen, 1992, Vol. II. 2-12
   Second author : B. Almási

2. On latest developments in software reliability
   Informatics in Higher Education (1993), Debrecen, 886-892

3. On latest field of Software Reliability
   Conference on Applied Informatics (1993), Eger, Hungary

4. Statistical Models in Software Reliability
   XVIth seminar on Stability Problems of Stochastic Models, pp. 37.
   Eger, Hungary (1994)

Dr. J. Sztrik

1. Asymptotic approach to the multiple machine interference problem with Markovian environment
   Stochastic Processes and their Applications (1993), Amsterdam, The Netherlands

2. On finite-source queueing models and their applications
   Modelling and Computational Aspects (1993) 2, University of Tilburg, The Netherlands

3. Stochastic Modelling of Information and Computer Systems

4. Approximate Analysis of Multiprocessor Systems with Randomly Changing Parameters
   IFIP WG 7.3 Workshop at Performance'93 (1993) 17, Roma, Italy

5. Asymptotic Analysis of a Finite Buffer Queue in a Randomly Changing Environment
   IFIP TC6 Working Group 6.4 and TC6 Task Force on Performance of Computer Networks,
   (with Kouvatsos D.D. and Fretwell R.)

Seminars

Dr. J. Sztrik

1. On asymptotic methods in computer performance evaluation and reliability theory
   Erlangen, Hamburg (1992)

2. On finite-source queueing models and their applications
   Aachen, Munich, Erlangen, Dortmund, Hagen (1993)