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Performance Modelling and Analysis of Heterogeneous Networks

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Over the recent years, a considerable amount of effort has been devoted, both in industry and academia, towards the performance modelling, evaluation and prediction of convergent multi-service heterogeneous networks, such as wireless and optical networks, towards the design and dimensioning of the next and future generation Internets.

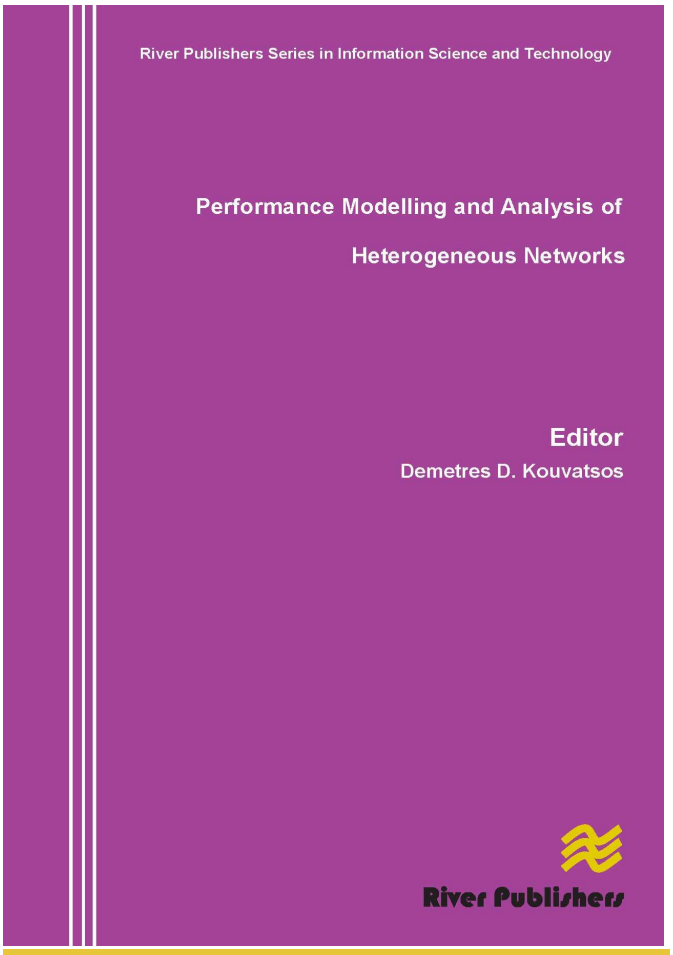
This book follows Heterogeneous Networks: Traffic Engineering, Performance Evaluation Studies and Tools and presents recent advances in networks of diverse technology reflecting the state-of-the-art technology and research achievements in performance modelling, analysis and applications worldwide.

Technical topics discussed in the book include:

- Multiservice Switching Networks;
- Multiservice Switching Networks;
- Wireless Ad Hoc Networks;
- Wireless Sensor Networks;
- Wireless Cellular Networks;
- Optical Networks;

Heterogeneous Networks:- Performance Modelling and Analysis contains recently extended research papers, which have their roots in the series of the HET-NETs International Working Conferences focusing on the 'Performance Modelling and Evaluation of Heterogeneous Networks' under the auspices of the EU Networks of Excellence Euro-NGI and Euro-FGI.

Heterogeneous Networks: Performance Modelling and Analysis is ideal for personnel in computer/communication industries as well as academic staff and master/research students in computer science, operational research, electrical engineering and telecommunication systems and the Internet.



River Publishers Series in Computing and Information Science and Technology

ISBN: 9788792329189
e-ISBN: 9788792329196
Available From: March 2009
Price: € 90.00 $ 140.00

KEYWORDS:
Heterogeneous networks, performance modelling and analysis, wired networks, wireless networks: ad hoc, sensor and cellular, optical networks, next and future generation Internets

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