Spring Lecture Series N.15
Phase Type Distributions and Some Applications (1990)

Principal Lecturer: Marcel F. Neutis, University of Arizona

Contributions by:

D. Lucantoni

Title: New results on the single-server queue with a batch Markovian arrival process

S. Asmussen

Title: Phase type representation of waiting times

M. Johnson

Title: Phase distribution selection methods

S. Chakravarthy

Title: A finite capacity dynamic priority queueing model with phase-type service

C. Bondia

Title: A finite capacity polling system with non-exhaustive service and non-renewal input

A. Bobbio

Title: ML estimation of the parameters of a PH-distribution in triangular canonical form

C. O'Cinneide

Title: Observable and unobservable aspects of Markov models

U. Sumita

Title: On multi-variate phase-type distributions

K. Trivedi

Title: Computer solutions of stochastic models

V. Ramaswami

Title: Implementation of matrix analytic methods for phase-type queues using uniformization techniques

L. Lipsky

Title: Must matrix representations of distributions be restricted to phase type?

A. Van de Liefvoort

Title: The moment problem for continuous distributions