

Table of Contents

Foreword xiv

Preface xv

Chapter 1

Software Release Planning Using Grey Wolf Optimizer 1
Vibha Verma, University of Delhi, India
Neha Neha, University of Delhi, India
Anu G. Aggarwal, University of Delhi, India

Chapter 2

Modified Multi-Grey Wolf Pack for Vital Sign-Based Disease Identification45
Nabanita Banerjee, Techno Main Salt Lake, Kolkata, India
Sumitra Mukhopadhyay, Institute of Radio Physics and Electronics,
University of Calcutta, India

Chapter 3

Analog Integrated Circuit Optimization: A $0.22\mu\text{w}$ Bulk-Driven Telescopic
OTA Optimization Using PSO Program for Low Power Biomedical Devices....95
Houda Daoud, ENIS, University of Sfax, Tunisia
Dalila Laouej, ENIS, University of Sfax, Tunisia
Jihene Mallek, ENIS, University of Sfax, Tunisia
Mourad Loulou, ENIS, University of Sfax, Tunisia

Chapter 4

Enhancing System Reliability Through Targeting Fault Propagation Scope.....131
Hakduran Koc, University of Houston, Clear Lake, USA
Oommen Mathews, University of Houston, Clear Lake, USA

Chapter 5	
Soft Computing Methods for Measuring Sustainability in the Agriculture Sector: ISM Method to Develop Barriers of Agri-Sustainability in India.....	161
<i>Suchismita Satapathy, KIIT University, India</i>	
Chapter 6	
A Hybrid Analysis Method for Train Driver Errors in Railway Systems.....	176
<i>Mohammed Manar Rekabi, Norwegian University of Science and Technology, Norway</i>	
<i>Yiliu Liu, Norwegian University of Science and Technology, Norway</i>	
Chapter 7	
Performability Modeling of Distributed Systems and Its Formal Methods Representation.....	203
<i>Razib Hayat Khan, American International University-Bangladesh, Bangladesh, Dhaka</i>	
Chapter 8	
Sample Size Equation of Mechanical System for Parametric Accelerated Life Testing.....	234
<i>Seongwoo Woo, Ababa Science and Technology University, Ethiopia</i>	
Chapter 9	
Risk Factor in Agricultural Sector: Prioritizing Indian Agricultural Risk Factor by MAUT Method	249
<i>Suchismita Satapathy, KIIT University, India</i>	
Compilation of References	264
About the Contributors	288
Index.....	292