

Contents

1	Introduction to Big Data Analysis.	1
	Kiranjit Pattnaik and Bhabani Shankar Prasad Mishra	
2	Parallel Environments	21
	Bhabani Shankar Prasad Mishra and Santwana Sagnika	
3	A Deep Dive into the Hadoop World to Explore Its Various Performances.	31
	Dipayan Dev and Ripon Patgiri	
4	Natural Language Processing and Machine Learning for Big Data	53
	Joy Mustafi	
5	Big Data and Cyber Foraging: Future Scope and Challenges.	75
	Chhabhi Rani Panigrahi, Mayank Tiwary, Bibudhendu Pati and Himansu Das	
6	Parallel GA in Big Data Analysis	101
	Santwana Sagnika, Bhabani Shankar Prasad Mishra and Satchidananda Dehuri	
7	Evolutionary Algorithm Based Techniques to Handle Big Data	113
	Ghosh Sanchita and Desarkar Anindita	
8	Statistical and Evolutionary Feature Selection Techniques Parallelized Using MapReduce Programming Model	159
	M. Janaki Meena and S.P. Syed Ibrahim	
9	The Role of Grid Technologies: A Next Level Combat with Big Data	181
	Manoj Kumar Mishra and Yashwant Singh Patel	

Techniques and Environments for Big Data Analysis

Parallel, Cloud, and Grid Computing

Prasad Mishra, B.S.; Dehuri, S.; Kim, E.; Wang, G.-N.

(Eds.)

2016, XI, 191 p. 103 illus., 76 illus. in color., Hardcover

ISBN: 978-3-319-27518-5