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    Titolo   Big Data Analytics and Computing for Digital Forensic Investigations
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    Soggetti   Computer crimes - Investigation

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    Sommario/riassunto   Digital forensics has recently gained a notable development and
                            become the most demanding area in today's information security
                            requirement. This book investigates the areas of digital forensics,
                            digital investigation and data analysis procedures as they apply to
                            computer fraud and cybercrime, with the main objective of describing a
                            variety of digital crimes and retrieving potential digital evidence. Big
                            Data Analytics and Computing for Digital Forensic Investigations gives
                            a contemporary view on the problems of information security. It
                            presents the idea that protective mechanisms and software must be
                            integrated along with forensic capabilities into existing forensic
                            software using big data computing tools and techniques. Features
                            Describes trends of digital forensics served for big data and the
                            challenges of evidence acquisition Enables digital forensic investigators
                            and law enforcement agencies to enhance their digital investigation
                            capabilities with the application of data science analytics, algorithms
                            and fusion technique This book isfocused on helpingprofessionals as
                            well as researchers toget ready with next-generation security systems
                            to mount the rising challenges of computer fraud and cybercrimes as

well as with digital forensic investigations. Dr Suneeta Satpathy has more than ten years of teaching experience in different subjectsof theComputer Science and Engineering discipline. She is currently working as an associate professor in the Department of Computer Science and Engineering, College of Bhubaneswar, affiliatedwith Biju Patnaik University and Technology, Odisha. Her research interests include computer forensics, cybersecurity, data fusion, data mining, big data analysis and decision mining. Dr Sachi Nandan Mohanty is an associate professor in the Department of Computer Science and Engineering at ICFAI Tech, ICFAI Foundation for Higher Education, Hyderabad, India. His research interests include data mining, big data analysis, cognitive science, fuzzy decision-making, brain-computer interface, cognition and computational intelligence.