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Sommario/riassunto

"The definitive text for students of digital forensics, as well as professionals looking to deepen their understanding of an increasingly critical field. Written by faculty members and associates of the world-renowned Norwegian Information Security Laboratory (NisLab) at the Norwegian University of Science and Technology (NTNU), this textbook takes a scientific approach to digital forensics ideally suited for university courses in digital forensics and information security. Each chapter was written by an accomplished expert in his or her field, many of them with extensive experience in law enforcement and industry. The author team comprises experts in digital forensics, cybercrime law, information security and related areas. Digital forensics is a key competency in meeting the growing risks of cybercrime, as well as for criminal investigation generally. Considering the astonishing pace at which new information technology—and new ways of exploiting information technology—is brought on line, researchers and practitioners regularly face new technical challenges, forcing them to continuously upgrade their investigatory skills. Designed to prepare the next generation to rise to those challenges, the material contained in Digital Forensics has been tested and refined by use in both graduate and undergraduate programs and subjected to formal evaluations for more than ten years. Encompasses all aspects of the field, including methodological, scientific, technical and legal matters. Based on the latest research, it provides novel insights for students, including an informed look at the future of digital forensics. Includes test questions from actual exam sets, multiple choice questions suitable for online use and numerous visuals, illustrations and case example images. Features real-world examples and scenarios, including court cases and technical problems, as well as a rich library of academic references and references to online media. Digital Forensics is an excellent introductory text for programs in computer science and computer engineering and for master degree programs in military and police education. It is also a valuable reference for legal practitioners, police officers, investigators, and forensic practitioners seeking to gain a deeper understanding of digital forensics and cybercrime"--

"This textbook in digital forensics encompasses all aspects of the field, including methodological, scientific, technical and legal matters"--
