

1. Record Nr.	UNINA9910830954103321
Titolo	Digital forensics : an academic introduction // edited by Andre Arnes
Pubbl/distr/stampa	Hoboken, New Jersey ; ; Chichester, England : , : Wiley, , 2018 ©2018
ISBN	1-119-26241-0 1-119-26240-2 1-119-26244-5
Descrizione fisica	1 online resource (373 pages) : illustrations, tables
Classificazione	MED030000
Disciplina	363.25/968
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Machine generated contents note: Preface List of Figures List of Tables List of Examples List of Definitions List of Abbreviations 1 Introduction 1 1.1 Forensic Science 1 1.2 Digital Forensics 4 1.3 Digital Evidence 7 1.4 Further Reading 9 1.5 Chapter Overview 10 1.6 Comments on Citation And Notation 11 2 The Digital Forensics Process 11 2.1 Introduction 12 2.2 The Identification Phase 16 2.3 The Collection Phase 24 2.4 The Examination Phase 35 2.5 The Analysis Phase 42 2.6 The Presentation Phase 47 2.7 Summary 50 2.8 Exercises 51 3 Cybercrime Law 54 3.1 Introduction 54 3.2 The International Legal Framework of Cybercrime Law 57 3.3 Digital Crime - Substantive Criminal Law 79 3.4 Investigation Methods for Collecting Digital Evidence 99 3.5 International Cooperation in Order to Collect Digital Evidence 113 3.6 Summary 119 3.7 Exercises 120 4 Digital Forensic Readiness 122 4.1 Introduction 122 4.2 Definition 122 4.3 Law Enforcement vs. Enterprise Digital Forensic Readiness 123 4.4 Why? - Rationale for Digital Forensic Readiness 124 4.5 Frameworks, Standards and Methodologies 129 4.6 Becoming "Digital Forensic" Ready 132 4.7 Enterprise Digital Forensic Readiness 133 4.8 Considerations for Law Enforcement 152 4.9 Summary 152 4.10 Exercises 153 5 Computer Forensics 154 5.1 Introduction 154 5.2 Evidence Collection 155 5.3 Examination 160 5.4 Analysis 198 5.5 Summary 201 5.6 Exercises 202

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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"--
