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Titolo	Guide to Digital Forensics : A Concise and Practical Introduction // by Joakim Kävrestad
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Soggetti	Computer security Optical data processing Data encryption (Computer science) Public safety Systems and Data Security Image Processing and Computer Vision Cryptography Crime Control and Security
Lingua di pubblicazione	Inglese
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Nota di contenuto	Part I: Theory -- What is Digital Forensics? -- What is Cybercrime? -- Computer Theory -- Collecting Evidence -- Analyzing Data and Writing Reports -- Part II: Putting it into Practice -- Collecting Data -- Indexing, Searching and Cracking -- Finding Artifacts -- Some Common Questions -- FTK Specifics -- Basic Memory Analysis -- Part III: Vocabulary -- Vocabulary -- Part IV: Appendices -- Appendix A: Solutions -- Appendix B: Useful Scripts -- Appendix C: Sample Report Template -- Appendix D: List of Time Zones -- Appendix E: Complete Jitsi Chat Log.
Sommario/riassunto	This work introduces the reader to the world of digital forensics in a practical and accessible manner. The text was written to fulfill a need for a book that introduces forensic methodology and sound forensic thinking, combined with hands-on examples for common tasks in a computer forensic examination. The author has several years of experience as a computer forensics examiner and is now working as a

university-level lecturer. Guide to Digital Forensics: A Concise and Practical Introduction is intended for students that are looking for an introduction to computer forensics and can also be used as a collection of instructions for practitioners. The aim is to describe and explain the steps taken during a forensic examination, with the intent of making the reader aware of the constraints and considerations that apply during a forensic examination in law enforcement and in the private sector. Upon reading this book, the reader should have a proper overview of the field of digital forensics, starting them on the journey of becoming a computer forensics expert.
