

1. Record Nr.	UNINA9910583344603321
Autore	Bair John
Titolo	Seeking the truth from mobile evidence : basic fundamentals, intermediate and advanced overview of current mobile forensic investigations / / John Bair
Pubbl/distr/stampa	London, England : , : Academic Press, , 2018 ©2018
ISBN	0-12-811057-0 0-12-811056-2
Descrizione fisica	1 online resource (530 pages) : illustrations
Disciplina	363.252
Soggetti	Mobile device forensics Electronics in criminal investigation Forensic sciences - Data processing
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	Defining cell phone forensics and standards -- Evidence contamination and faraday methods -- The legal process : part 1 -- The legal process : part 2 -- The cellular network -- Subscriber identity module -- Device identification -- Triaging mobile evidence -- The logical examination -- Troubleshooting logical examinations -- Manual examinations -- Report writing -- Physical acquisitions -- Physical memory and encoding -- Date and time stamps -- Manual decoding MMS -- Application data -- Advanced validation -- Android user enabled security : passwords and gesture -- Nondestructive hardware and software solutions -- Phone disassembly and water-damaged phones -- JTAG (Joint Test Action Group) -- JTAG specialized equipment -- RIFF box overview -- Z3X box (easy JTAG) overview -- Thermal chip removal -- Nonthermal chip removal -- BGA cleaning -- Creating an image -- eMMC reading and in-system programing.