

1. Record Nr.	UNINA9910785915903321
Autore	Harralson Heidi H.
Titolo	Developments in handwriting and signature identification in the digital age / / Heidi H. Harralson ; series editor, Larry S. Miller
Pubbl/distr/stampa	London ; ; New York : , : Routledge, , 2015
ISBN	1-317-52287-7 1-315-72173-2 1-317-52288-5 1-283-74260-8 1-4557-3156-0
Descrizione fisica	1 online resource (149 p.)
Collana	Forensic studies for criminal justice
Altri autori (Persone)	MillerLarry <1953 August 26->
Disciplina	363.2565
Soggetti	Writing - Identification Graphology
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	First published 2013 by Anderson Publishing.
Nota di bibliografia	Includes bibliographical references.
Nota di contenuto	Front Cover; Developments in Handwriting and Signature Identification in the Digital Age; Copyright Page; Table of Contents; Preface; 1 Introduction; 1.1 Key Concepts in Forensic Handwriting Examination; 1.2 Forgery and Simulation; 2 The Decline of Handwriting; 2.1 The Need for Handwriting Instruction; 2.2 The Importance of Handwriting; 2.3 Handwriting Instruction Methods; 2.4 Influence of Learning Disabilities on Handwriting; 2.5 Forensic Problems with Illegible and Printed Handwriting; 2.6 Summary; 3 Advances in Handwriting Research and Technology; 3.1 Handwriting and Movement Disorders 3.2 Handwriting and Psychiatric Disorders 3.3 Other Factors Influencing Handwriting; 3.4 Handwriting and Simulation; 3.5 Handwriting and Disguise; 3.6 Handwriting and Neuro-technology; 3.7 Summary; 4 Digital and Electronic Handwriting; 4.1 The Electronic Signature Act; 4.2 Applications for Electronic Signatures; 4.3 Security and Privacy Issues; 4.4 Digital Technology; 4.5 Digital and Electronic Signatures; 4.6 Digitization of Signatures: Optical Scanning and Facsimile; 4.7 Digital Tablets; 4.8 The Stylus and Other Writing "Instruments"; 4.9 Handwriting Recognition Technology

4.10 Automated Forensic Handwriting Analysis Technology4.11 Standardization; 4.12 Summary; 5 Forensic Analysis of Electronic Signatures; 5.1 Practical Application; 5.2 E-signature Signing Process and Standardization; 5.3 Technological Considerations; 5.4 Evaluating Static and Dynamic Handwriting Features; 5.5 Forgery and System Attacks; 5.6 Limitations; 5.7 Legal Implications; 5.8 Proposed Methodology; 5.9 Summary; 6 The Law, Science, and Handwriting Identification; 6.1 Forensic Science Reform; 6.2 A Critical Review of Forensic Handwriting Examination
6.3 Status of Forensic Handwriting Identification6.4 Education and Training; 6.5 Certification and Laboratory Accreditation; 6.6 Proficiency Testing; 6.7 Scientific Validity and Reliability; 6.8 Terminology and Methodology; 6.9 Advances in Handwriting Identification Technology; 6.10 Legal Challenges to Scientific Admissibility; 6.11 Summary; Glossary; References

Sommario/riassunto

The examination of handwriting and signatures has a long and established history as a forensic discipline. With the advancement of technology in the use of digital tablets for signature capture, changes in handwriting examination are necessary. Other changes in handwriting, such as in increase in printed writing styles and the decrease in handwriting training in schools necessitates a re-examination of forensic handwriting identification problems. This text takes a fresh and modern look at handwriting examination as it pertains to forensic, legal, and criminal justice applications.