Record Nr. UNINA9910154944203321 Autore Jackson Andrew R. W. Titolo Forensic science / / Andrew R.W. Jackson and Julie M. Jackson Pubbl/distr/stampa Harlow, England:,: Pearson,, 2017 ©2017 **ISBN** 1-292-13464-X Edizione [Fourth edition.] 1 online resource (532 pages): color illustrations Descrizione fisica Collana Always Learning Disciplina 363.25 Soggetti Forensic sciences Criminal investigation Forensic sciences - Great Britain Criminal investigation - Great Britain Lingua di pubblicazione Inglese **Formato** Materiale a stampa Livello bibliografico Monografia Nota di bibliografia Includes bibliographical references and index. Cover -- Title Page -- Copyright Page -- Contents -- Preface --Nota di contenuto Acknowledgements -- 1 Introduction to forensic science -- 2 The crime scene -- 3 Trace and contact evidence, Part I: Recoverable materials -- 4 Trace and contact evidence, Part II: Fingerprints and other marks and impressions -- 5 The examination of body fluids, including bloodstain pattern analysis -- 6 The analysis of deoxyribonucleic acid (DNA): DNA profiling Guest chapter by Harry Mountain -- 7 Forensic toxicology and drugs of abuse -- 8 Questioned documents -- 9 Firearms -- 10 Fires -- 11 Explosions and explosives -- 12 The recovery and forensic examination of human remains -- 13 Statistics and the analysis, interpretation and evaluation of evidence --14 Forensic science in court -- Appendix 1 Sign of elongation and typical birefringence values for man-made fibres -- Appendix 2 Values of t -- Glossary -- Index. This book is the perfect starting point for any newcomer to the field of Sommario/riassunto forensic science. It examines the entire process of conducting forensic science, from the collection of evidence at the crime scene, through the examination and evaluation of that evidence, to the presentation of

scientific findings in court. The book is scientifically rigorous but written in a friendly and engaging style making it the ideal companion

for undergraduate students beginning a forensic science course; as background for MSc students; as a reference for related professions such as lawyers or police officers; or simply for the casual reader who wants to learn more about this fascinating area.