1. Record Nr. UNINA9910459550403321 Autore Marin Norman Titolo Alternate light source imaging: forensic photography techniques / / Norman Marin, Jeffrey Buszka Abingdon, Oxon:,: Routledge,, 2015 Pubbl/distr/stampa **ISBN** 1-315-72216-X 1-317-52417-9 1-4557-7548-7 Descrizione fisica 1 online resource (103 p.) Collana Forensic studies for criminal justice Altri autori (Persone) BuszkaJeffrey Disciplina 363.25 Soggetti Legal photography Light sources Photography - Lighting Electronic books. Lingua di pubblicazione Inglese **Formato** Materiale a stampa Livello bibliografico Monografia First published 2013 by Anderson publishing. Note generali Nota di bibliografia Includes bibliographical references. Nota di contenuto Front Cover; Alternate Light Source Imaging; Copyright Page; Contents; 1 Electromagnetic Radiation: 1.1 Light and the Electromagnetic Spectrum; 1.2 Properties of Light; 1.3 Light and Matter; 1.4 Luminescence; 2 Photographic Equipment for Alternate Light Source Imaging; 2.1 The Digital Camera and Alternate Light Photography; 2.2 Light Interpretation; 2.3 Camera File Formats; 2.4 ISO and Long Exposures; 2.5 Recommended Photographic Equipment; 3 UV and Narrowband Visible Light Imaging; 3.1 UV Reflectance and Fluorescence Photography: 3.2 Photographic Equipment: 3.2.1 Lenses: 3.2.2 Filters 3.3 UV Light Sources 3.4 Effects of UV Radiation; 3.5 Alternate Light Sources: 3.6 Wavelength and Barrier Filter Selection: 3.7 Applications of UV Reflectance and Fluorescence Photography; 3.7.1 Fibers and Trace Evidence; 3.7.2 Gunshot Residue; 3.7.3 Bruising, Bite Marks, and

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Sommario/riassunto

Alternate Light Source Imaging provides a brief guide to digital imaging using reflected infrared and ultraviolet radiation for crime scene photographers. Clear and concise instruction illustrates how to accomplish good photographs in a variety of forensic situations. It demonstrates how tunable wavelength light sources and digital imaging techniques can be used to successfully locate and document physical evidence at the crime scene, in the morgue, or in the laboratory. The scientific principles that make this type of photography possible are described, followed by the basic steps t