

1. Record Nr.	UNINA9911137554403321
Autore	Fanti G
Titolo	The Turin Shroud : optical research in the past present and future international schools as agents for change // G. Fanti and R. Basso
Pubbl/distr/stampa	New York, : Nova Science Publishers, Inc., c2008
ISBN	1-61668-122-5
Descrizione fisica	1 online resource (98 p.)
Altri autori (Persone)	BassoR
Disciplina	232.96/6
Soggetti	Holy Shroud
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references (p. [77]-82) and index.
Nota di contenuto	Intro -- THE TURIN SHROUD:OPTICAL RESEARCH IN THE PAST,PRESENT, AND FUTURE -- NOTICE TO THE READER -- CONTENTS -- PREFACE -- INTRODUCTION -- 1.1. WHAT IS THE TURIN SHROUD -- 1.2. BRIEF HISTORY -- 1.3. GENERAL CHARACTERISTICS -- 1.4. OPTICAL CHARACTERISTICS -- 1.5. BODY IMAGE FORMATION HYPOTHESES -- 1.6. OPTICAL RESEARCH: LIMITS AND PERSPECTIVES -- OPTICAL RESEARCH: THE PAST -- 2.1. THE NEGATIVITY OF THE BODY IMAGEFROM THE PHOTOGRAPHS OF S. PIA OF 1989 -- 2.2. THE ORTHOCHROMATIC ENRIE'SPHOTOGRAPHS OF 1931 -- 2.3. The Multi-Spectral Judica Cordiglia's Photographs of 1969 -- 2.4. THE M. FREI MICROSCOPICANALYSIS OF STICKY TAPES OF 1973 -- 2.5. THE P. GASTINEAU PHOTO-RELIEF OF 1974 -- 2.6. SOME OPTICAL ANALYSES MADEBY THE STURP IN 1978 -- 2.6.A. X-Ray Fluorescence Spectrometry -- 2.6.B. Low-Energy Radiography -- 2.6.C. Photoelectric Spectrometry -- 2.6.D. Thermographic Investigation -- 2.6.E. Reflected UV and Visible photography -- 2.6.F. Photography in Transmitted and Reflected Visible Light -- 2.6.G. Direct Macroscopic Visual Inspection -- 2.6.H. Direct Microscopic Visual Inspection -- 2.6.I. Microscopic Analysis of Sticky Tapes -- 2.6.J. 3-D Features of the Body Image -- 2.7. PHOTOMETRIC AND COLORIMETRICMEASUREMENTS BY ARTOM AND SOARDO IN 1978 -- 2.8. PRESENCE OF COINS DETECTED FROM 1982? -- 2.9. PRESENCE OF INSCRIPTIONS? -- 2.10. THE PHOTO-RELIEF -- 2.11. THE POLARIZED IMAGE OVERLAY TECHNIQUE -- OPTICAL RESEARCH: THE PRESENT -- 3.1. FTIR MICROSPECTROPHOTOMETRIC

ANALYSIS -- 3.2. COMPUTERIZED BODY IMAGE CLEANING AND RECONSTRUCTION -- 3.2.A. Contrast Enhancement -- 3.2.B. Image Cleaning -- 3.2.C. Image Reconstruction -- 3.3. COMPARISON OF IMAGES WRAPPING SOLIDS AND EVALUATION OF A SHEET CONFIGURATION -- 3.3.A. Verification of the TS Body Image Wrapping -- 3.3.B. Evaluation of the Configuration of the TS Around the Man. 3.3.C. Correction of the Bloodstain Position in the Body Image -- 3.4. LUMINANCE ANALYSIS OF IMAGES -- 3.5. OPTICAL FILTERING TO EVIDENCE THE DOUBLE SUPERFICIALITY OF THE BODY IMAGE -- 3.6. MTF TECHNIQUE APPLIED TO THE TS -- 3.7. DETAIL CHARACTERIZATION BY MEANS OF COLOR ANALYSIS -- 3.8. COMPARISON OF IMAGES ACQUIRED WITH DIFFERENT LIGHT SPECTRA -- 3.9. IMAGES OVERLAPPING: OPTICAL DISTORTIONS AND DETAIL ANALYSIS -- 3.10. OPTICAL COMPARISON OF COMPUTER GENERATED IMAGES -- 3.11. DISCUSSION -- OPTICAL RESEARCH: THE FUTURE -- 4.1. WHAT HAS BEEN DONE AND WHAT WILL BE DONE? -- 4.2. Optics for the TS Conservation -- CONCLUSION -- REFERENCES -- INDEX.

Sommario/riassunto

The aim of this work is to summarise the important contribution furnished by Optics in the studies of the TS (Turin Shroud) made in more than a century of researches and tests.
