1. Record Nr. UNINA9910457404003321

Autore	Romano Irene Bald
Titolo	Classical sculpture [[electronic resource]] : catalogue of the Cypriot, Greek, and Roman stone sculpture in the University of Pennsylvania Museum of Archaeology and Anthropology / / Irene Bald Romano
Pubbl/distr/stampa	Philadelphia, : University of Pennsylvania Museum of Archaeology and Anthropology, c2006
ISBN	1-283-21251-X 9786613212511 1-934536-29-6
Edizione	[1st ed.]
Descrizione fisica	1 online resource (345 p.)
Collana	Museum monograph ; ; no. 125
Altri autori (Persone)	RomanoIrene Bald
Disciplina	733.3074
Soggetti	Sculpture, Classical Sculpture, Cypriot Sculpture - Pennsylvania - Philadelphia Electronic books.
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Bibliographic Level Mode of Issuance: Monograph
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Frontmatter -- Table of Contents -- Illustrations and Illustrations on CD -- Preface -- Acknowledgment -- CATALOGUE -- Cypriot Sculpture (1-16) -- Greek Sculpture (17-43) -- Sculpture from the Sanctuary of Diana Nemorensis, Lake Nemi (44-82) -- Sculpture from Colonia Minturnae (83-90) -- Sculpture from Teanum Sidicinum (91-92) -- Sculpture from Nysa Scythopolis (93-101) -- Other Roman Sculpture (102-124) -- Uncertain Works or Forgeries (125-129) -- Palmyrene and Graeco-Parthian Sculpture (130-154) -- Bibliography -- Concordance -- Index -- About the Author -- The following images appear on the CD-ROM that accompanies the printed volume
Sommario/riassunto	This first complete published catalogue of one of the most important classical sculpture collections in the United States includes 154 works from Italy, Greece, Cyprus, Asia Minor, North Africa, Roman Syria and Palestine, Egypt, and Babylonia, ranging in date from the late seventh century B.C. to the fourth century A.D.Each piece receives a complete description with measurements and report of condition, a list of the

	previous published sources, and a commentary reflecting the most recent scholarship, along with extensive photographic documentation. Various audiences will appreciate the accessibility of the scholarship presented here-students may engage in further study on some of topics raised by individual pieces or groups of sculptures, and the scholarly community will welcome a work that provides an up-to-date and comprehensive examination of a significant classical sculpture collection in one of the world's great archaeology museums.University Museum Monograph, 125

2.

Record Nr.	UNINA9910130960703321
Autore	Klein Rolf
Titolo	Laser welding of plastics [[electronic resource] /] / Rolf Klein
Pubbl/distr/stampa	Weinheim, : Wiley-VCH, c2012
ISBN	3-527-63697-8 3-527-63698-6 3-527-63696-X
Edizione	[2nd ed.]
Descrizione fisica	1 online resource (200 p.)
Disciplina	668.41
Soggetti	Laser welding Plastics - Welding
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 and index.
Nota di contenuto	Laser Welding of Plastics; Contents; Introduction; 1 Material Properties of Plastics; 1.1 Formation and Structure; 1.2 Types of Plastics; 1.2.1 Thermoplastic Resins; 1.2.1.1 Amorphous Thermoplastics; 1.2.1.2 Semicrystalline Thermoplastics; 1.2.2 Elastomers; 1.2.3 Thermosets; 1.2.4 Polymer Compounds; 1.2.4.1 Polymer Blends; 1.2.4.2 Copolymers; 1.2.4.3 Thermoplastic Elastomers; 1.2.5 Polymer Composites; 1.3 Thermal Properties; 1.3.1 Phase Transitions; 1.3.1.1 Glass Transition (Tg); 1.3.1.2 Flow Temperature (Tf); 1.3.1.3 Crystallite Melting Temperature (Tm); 1.3.1.4 Thermal Decomposition (Td) 1.3.2 Specific Volume1.3.3 Heat Capacity; 1.3.4 Heat Conduction; 1.3.5

Temperature Conduction; 1.3.5.1 Amorphous Thermoplastics; 1.3.5.2 Semicrystalline Thermoplastics; 1.4 Optical Properties; 1.4.1 Optical Constants; 1.4.2 Reflection, Transmission and Absorption Behavior; 1.4.3 Scattering of NIR- and IR-Radiation in Plastics; 1.4.4 Absorption of NIR-Laser Radiation (= 800 nm to 1200 nm); 1.4.4.1 Electronic Excitation; 1.4.4.2 Vibronic Excitation; 1.4.4.3 Summarizing Comment; 1.4.5 Absorption of NIR-Laser Radiation (= 1200 nm to 2500 nm)
1.4.6 Absorption of MIR-Laser Radiation (= 2.5 mm to 25 m)1.4.7 Adaptation of NIR-Radiation Absorption by Additives; 1.4.7.1 Carbon Black; 1.4.7.2 Inorganic Pigments; 1.4.7.3 Organic Dyes; 1.4.7.4 Summarizing Comment; References; 2 Laser Sources for Plastic Welding; 2.1 Properties of Laser Radiation; 2.1.1 Laser Wavelength; 2.1.2 Intensity Distribution; 2.1.3 Beam Propagation; 2.1.4 Focusing Properties; 2.2 Types of Lasers; 2.2.1 Diode Lasers (800 to 2000 nm); 2.2.2 Nd:YAG-Lasers (1064 nm); 2.2.3 Fiber Lasers; 2.2.4 CO2-Lasers (10.6 m); 2.2.5 Summary; 2.3 Beam Guiding and Focusing
2.3.1 Beam-Guiding Systems2.3.1.1 Glass-Fiber Systems; 2.3.1.2 Mirror Systems; 2.3.2 Focusing Systems; 2.3.2.1 Static Focusing Systems; 2.3.2.2 Dynamic Focusing Systems; 2.3.3 Beam-Shaping Optics; 2.4 Principle Setup of Laser Welding Systems; References; 3 Basics of Laser Plastic Welding; 3.1 Heat Generation and Dissipation; 3.1.1 Absorption of Laser Radiation; 3.1.1.1 Direct Absorption; 3.1.1.2 Indirect Absorption; 3.1.1.3 Hindered Absorption by Internal Scattering; 3.1.2 Transfer of Laser Energy into Process Heat; 3.1.3 Dissipation of Process Heat
3.1.4 Process Simulation by Complex Computation3.2 Theory of Fusion Process; 3.2.1 Interdiffusion Process (Reptation Model); 3.2.2 Interchange of Macromolecules by Squeeze Flow Process; 3.2.3 Mixing of Crystalline Phases; 3.3 Material Compatibility; References; 4 Process of Laser Plastic Welding; 4.1 Basic Process Principles; 4.1.1 Butt-Joint Welding; 4.1.2 Through-Transmission Welding; 4.2 Process Types; 4.2.1 Contour Welding; 4.2.2 Quasisimultaneous Welding; 4.2.3 Simultaneous Welding; 4.2.4 Special Processes; 4.2.4.1 Mask Laser Welding; 4.2.4.2 TWIST Laser Welding
4.2.4.3 Globo Laser Welding

Sommario/riassunto

This is the first detailed description in English of radiation and polymeric material interaction and the influences of thermal and optical material properties. As such, it provides comprehensive information on material and process characteristics as well as applications regarding plastic laser welding. The first part of this practical book introduces the structure and physical properties of plastics, before discussing the interaction of material and radiation in the NIR and IR spectral range. This is followed by an overview of the physical foundations of laser radiation and laser sources

3. Record Nr. UNINA9910154742203321

Autore	Post Emil L.
Titolo	The Two-Valued Iterative Systems of Mathematical Logic. (AM-5), Volume 5 / / Emil L. Post
Pubbl/distr/stampa	Princeton, NJ : , : Princeton University Press, , [2016] ©1942
ISBN	1-4008-8236-2
Descrizione fisica	1 online resource (133 pages) : illustrations
Collana	Annals of Mathematics Studies ; ; 347
Disciplina	164
Soggetti	Logic, Symbolic and mathematical
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Lithoprinted.
Nota di bibliografia	Includes bibliographical references.
Nota di contenuto	Frontmatter -- CONTENTS -- INTRODUCTION -- Part I. PRELIMINARIES -- PART II. DERIVATION OP CLOSED SYSTEMS -- PART III. CO-ORDINATION AND APPLICATION -- BIBLIOGRAPHY
Sommario/riassunto	The description for this book, The Two-Valued Iterative Systems of Mathematical Logic. (AM-5), Volume 5, will be forthcoming.