

1. Record Nr.	UNINA990001282230403321
Autore	Schubert, Johann Andreas
Titolo	Sammlung von mathematischen namentlich von differential und integral Formeln / Johann Andreas Schubert
Pubbl/distr/stampa	Leipzig : Dresden, 1845
Disciplina	515.35
Locazione	MA1
Collocazione	8-D-19
Lingua di pubblicazione	Tedesco
Formato	Materiale a stampa
Livello bibliografico	Monografia
2. Record Nr.	UNINA9910482635103321
Autore	Lamonière Jean de <1671.>
Titolo	Observatio fluxus dysenterici Lugduni Gallorum populariter grassantis anno Domini 1625, et remediorum illi utilium. In qua precipuae circa dysenteriae naturam, & curationem difficultates ... dissolvuntur [[electronic resource]]
Pubbl/distr/stampa	Lyon, : Barthelemy Vincent, 1626
Descrizione fisica	Online resource ([24], 227 p., [6] l. (last blank) , (12mo))
Lingua di pubblicazione	Latino
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Reproduction of original in The Wellcome Library, London.

3. Record Nr.	UNINA9911006811503321
Titolo	Joining : understanding the basics // edited by F.C. Campbell
Pubbl/distr/stampa	Materials Park, Ohio, : ASM International, c2011
ISBN	1-62708-306-5 1-61503-848-5
Descrizione fisica	1 online resource (346 p.)
Altri autori (Persone)	CampbellF. C (Flake C.)
Disciplina	671.5/2
Soggetti	Sealing (Technology) 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	""Title Page""; ""Copyright""; ""Contents""; ""Chapter 1 Introduction to Joining""; ""1.1 Overview of Joining Processes""; ""1.2 Fusion Welding""; ""1.3 Solid-State Welding""; ""1.4 Brazing""; ""1.5 Soldering""; ""1.6 Mechanical Fastening""; ""1.7 Adhesive Bonding""; ""1.8 Joint Design Considerations""; ""1.9 Process Selection for Joining""; ""Chapter 2 Arc Welding of Metals""; ""2.1 Shielded Metal Arc Welding""; ""2.2 Flux Cored Arc Welding""; ""2.3 Submerged Arc Welding""; ""2.4 Gas Metal Arc Welding""; ""2.5 Gas Tungsten Arc Welding""; ""2.6 Plasma Arc Welding"" ""2.7 Plasma-GMAW Welding""""2.8 Electroslag and Electrogas Welding""; ""Chapter 3 Resistance Welding""; ""Chapter 4 Other Fusion Welding Processes""; ""4.1 Oxyfuel Gas Welding""; ""4.2 Oxyacetylene Braze Welding""; ""4.3 Stud Arc Welding""; ""4.4 Capacitor Discharge Stud Welding""; ""4.5 High-Frequency Welding""; ""4.6 Electron Beam Welding""; ""4.7 Laser Beam Welding""; ""4.8 Hybrid Laser Arc Welding""; ""4.9 Thermit Welding""; ""Chapter 5 Metallurgy Variables in Fusion Welding""; ""Chapter 6 Solid-State Welding and Bonding""; ""6.1 Diffusion Bonding""; ""6.2 Forge Welding"" ""6.3 Roll Welding""""6.4 Coextrusion Welding""; ""6.5 Cold Welding""; ""6.6 Friction Welding""; ""6.7 Friction Stir Welding""; ""6.8 Explosion Welding""; ""6.9 Ultrasonic Welding""; ""Chapter 7 Brazing and Soldering""; ""7.1 Fundamentals of Brazing""; ""7.2 Elements of the Brazing Process""; ""7.3 Brazing Filler Metals""; ""7.4 Brazing Methods"";

""7.5 Soldering""; ""7.6 Solder Alloys""; ""7.7 Base Metal Selection""; ""7.8 Precleaning and Surface Preparation""; ""7.9 Fluxes""; ""7.10 Solder Joint Design""; ""7.11 Solder Heating Methods""; ""Chapter 8 Mechanical Fastening""
""8.1 Mechanically Fastened Joints""""8.2 Fastener Selection""; ""8.3 Structural Bolts and Screws""; ""8.4 Pin and Collar Fasteners""; ""8.5 Rivets""; ""8.6 Blind Fasteners""; ""8.7 Machine Pins""; ""8.8 Presses and Shrink Fits""; ""8.9 Spring Clip Fasteners""; ""8.10 Hole Generation and Fastener Installation""; ""8.11 Miscellaneous Mechanical Fastening Methods""; ""Chapter 9 Adhesive Bonding""; ""9.1 Advantages of Adhesive Bonding""; ""9.2 Disadvantages of Adhesive Bonding""; ""9.3 Theory of Adhesion""; ""9.4 Joint Design""; ""9.5 Adhesive Testing""; ""9.6 Adhesive Selection""
""9.7 Adhesive Bonding Process""""Chapter 10 Materials Issues in Joining""; ""10.1 Dissimilar Metals Joining""; ""10.2 Joining Plastics""; ""10.3 Joining Polymer Matrix Composites""; ""10.4 Glass-to-Metal Seals""; ""10.5 Joining of Ceramics""; ""Index""

Sommario/riassunto

Extending ASM's Understanding the Basics series into fabrication technologies, this book is an introduction to the most important industrial joining methods: welding, brazing, soldering, fastening, and adhesive bonding. It addresses metallurgical issues that must be understood during welding, and provides an overview of issues to consider when joining systems of materials that are the same, similar, or different.
