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Autore	Mori, Giulio
Titolo	Applicazioni a navi in esercizio di di un metodo di indagine sulle prestazioni di una carena nel tempo / Giulio Mori , Bruno Della Loggia ; CETENA
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2. Record Nr.	UNINA9910254314903321
Autore	Yang Li
Titolo	Additive Manufacturing of Metals: The Technology, Materials, Design and Production // by Li Yang, Keng Hsu, Brian Baughman, Donald Godfrey, Francisco Medina, Mamballykalathil Menon, Soeren Wiener
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Nota di contenuto	Introduction to Additive Manufacturing -- Additive Manufacturing Process Chain -- Microstructure, Mechanical Properties and Design Considerations for Additive Manufacturing -- Electron Beam Melting -- Design for Additive Manufacturing-Draft -- Additive Manufacturing Quality Inspection -- Additive Manufacturing Supply Chain.
Sommario/riassunto	<p>This book offers a unique guide to the three-dimensional (3D) printing of metals. It covers various aspects of additive, subtractive, and joining processes used to form three-dimensional parts with applications ranging from prototyping to production. Examining a variety of manufacturing technologies and their ability to produce both prototypes and functional production-quality parts, the individual chapters address metal components and discuss some of the important research challenges associated with the use of these technologies. As well as exploring the latest technologies currently under development, the book features unique sections on electron beam melting technology, material lifting, and the importance this science has in the engineering context. Presenting unique real-life case studies from industry, this book is also the first to offer the perspective of engineers who work in the field of aerospace and transportation systems, and who design components and manufacturing networks. Written by the leading experts in this field at universities and in industry, it provides a comprehensive textbook for students and an invaluable guide for practitioners.</p>