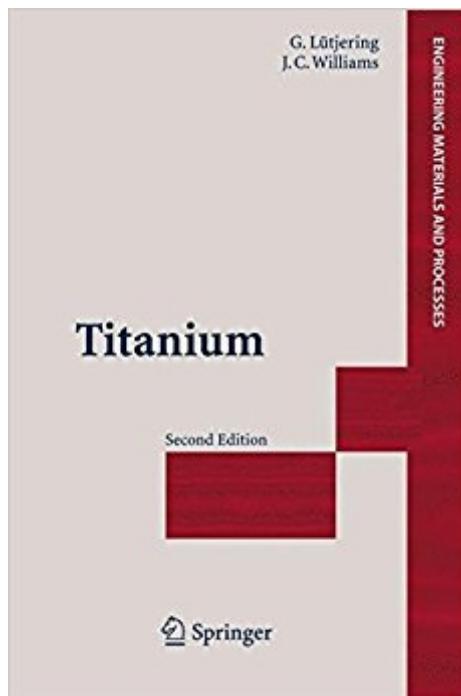


The book was found

Titanium (Engineering Materials And Processes)



Synopsis

This comprehensive summary of the current state of the art of titanium addresses all aspects of titanium. It is all covered, from the magical metal's basic characteristics and physical metallurgy to the correlations between processing, microstructure and properties. Richly illustrated with more than 300 figures, this compendium takes a conceptual approach to the physical metallurgy and applications of titanium, making it suitable as a reference and tutorial for materials scientists and engineers.

Book Information

Series: Engineering Materials and Processes

Hardcover: 442 pages

Publisher: Springer; 2nd edition (June 12, 2007)

Language: English

ISBN-10: 3540713972

ISBN-13: 978-3540713975

Product Dimensions: 6.1 x 1 x 9.2 inches

Shipping Weight: 1.5 pounds (View shipping rates and policies)

Average Customer Review: 5.0 out of 5 stars 1 customer review

Best Sellers Rank: #1,030,156 in Books (See Top 100 in Books) #80 in Books > Engineering & Transportation > Engineering > Materials & Material Science > Extraction & Processing #254 in Books > Engineering & Transportation > Engineering > Materials & Material Science > Metallurgy #1074 in Books > Engineering & Transportation > Engineering > Materials & Material Science > Materials Science

Customer Reviews

This comprehensive summary of the current state of the art of titanium addresses, in varying levels of detail, all aspects of titanium, including: basic characteristics and physical metallurgy, the extractive metallurgy, the various production processes, the correlations between processing, microstructure and properties, and all aspects of applications including economic ones. The book covers commercially pure (CP) titanium, alpha + beta and beta alloys, as well as titanium based intermetallics and titanium matrix composites. Richly illustrated with more than 300 figures, this compendium takes a conceptual approach to the physical metallurgy and applications of titanium, making it suitable as a reference and tutorial for materials scientists and engineers. In this Second Edition the authors included new information on topics that have emerged after the First Edition was

completed and published in 2003. Â

From the reviews: "This comprehensive summary of the current state of the art of titanium addresses, in varying levels of detail, all aspects of titanium â|. Richly illustrated, this compendium takes a conceptual approach to the physical metallurgy and applications of titanium, making it suitable as a reference and tutorial for materials scientists and engineers." (Materiaux et Techniques, Issue 5-6, 2003) "The book has achieved a comprehensive coverage on physical metallurgy and applications of titanium alloys. It would be suitable for varying levels of people from postgraduate students just entering the titanium field, to experienced researchers and engineers. I started working with titanium in 1998 â| but was still able to find much new and interesting information in this book." (Wei Sha, Materials World, Inc. Metals and Materials, Plastic and Rubber, British Ceramic Jl., Vol. 13 (5), May, 2005)

A excellent book with well-organized, comprehensive and very current knowledges on every major aspects of Ti science and engineering. Good for scientists and engineers of related fields.

[Download to continue reading...](#)

Titanium (Engineering Materials and Processes) Titanium in Medicine: Material Science, Surface Science, Engineering, Biological Responses and Medical Applications (Engineering Materials) Freezing Colloids: Observations, Principles, Control, and Use: Applications in Materials Science, Life Science, Earth Science, Food Science, and Engineering (Engineering Materials and Processes) Geotechnical Engineering and Earth's Materials and Processes (Engineering in Action) Engineering Materials 3: Materials Failure Analysis: Case Studies and Design Implications (International Series on Materials Science and Technology) (v. 3) Biomimetic Materials And Design: Biointerfacial Strategies, Tissue Engineering And Targeted Drug Delivery (Manufacturing Engineering & Materials Processing) TO DO LIST IN A BOOK - Best To Do List to Increase Your Productivity and Prioritize Your Tasks More Effectively - Non Dated / Undated - 5.5" x 8.5" (Titanium White): Daily Planner Additive Manufacturing of Titanium Alloys: State of the Art, Challenges and Opportunities Ceramic Titanium Cookbook: 125 Delicious Non Stick Recipes for Your Copper Square Frying Pan, Fryer Basket, Steamer Tray & Crisper Cookware Set! ... for Nutritious Stove Top Cooking) (Volume 1) Ceramic Titanium Cookbook: 125 Delicious Non Stick Recipes for Your Copper Square Frying Pan, Fryer Basket, Steamer Tray & Crisper Cookware Set! (Smart ... Recipes for Nutritious Stove Top Cooking) Titanium (Rent-A-Dragon Book 3) Manufacturing Processes for Engineering Materials (6th Edition) Manufacturing Processes for Engineering Materials (5th Edition) Manufacturing Processes

for Engineering Materials (4th Edition) Manufacturing Processes for Engineering Materials (3rd Edition) Engineering Materials 2, Fourth Edition: An Introduction to Microstructures and Processing (International Series on Materials Science and Technology) Engineering Materials 2: An Introduction to Microstructures, Processing and Design (International Series on Materials Science and Technology) (v. 2) Processing Techniques and Tribological Behavior of Composite Materials (Advances in Chemical and Materials Engineering) Materials: Engineering, Science, Processing and Design (Materials 3e North American Edition w/Online Testing) Materials North American Edition w/Online Testing: Materials - North American Edition, Second Edition: engineering, science, processing and design

[Contact Us](#)

[DMCA](#)

[Privacy](#)

[FAQ & Help](#)