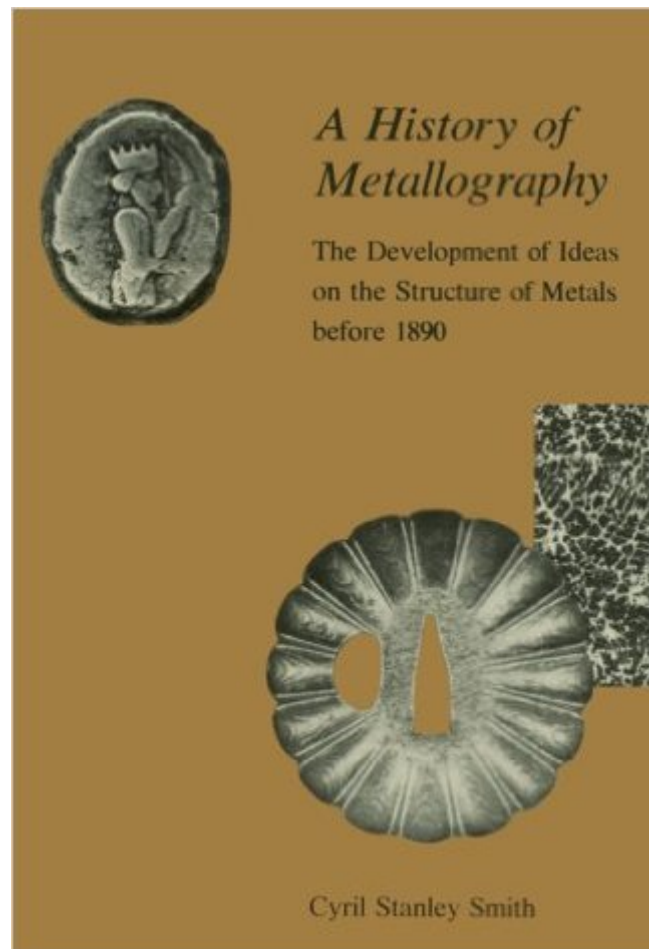


The book was found

A History Of Metallography: The Development Of Ideas On The Structure Of Metals Before 1890



Synopsis

Cyril Smith's study of the structure of metals and alloys and the properties that result from their processing remains, after more than two decades, a foundational work on the history of metallography. It starts from the intuitive knowledge of metals achieved by such early artists and craftsmen as Biringuccio, Descartes, Raumur, Brant, Osmond, Sorby, Brinell, Tschernoff, Howe, Percy and others, and then describes the evolution of the modern scientific understanding of materials. Throughout, the author emphasizes the interplay of contributions from practical engineering, from experimental and theoretical science, and from the workings of the aesthetic imagination. Cyril Stanley Smith is Professor Emeritus in the Department of Materials Science and Engineering at MIT, and author of *A Search for Structure: Selected Essays on Science, Art, and History* (MIT Press paperback). The original hardcover edition of *A History of Metallography* won the Pfizer Prize of the History of Science Society.

Book Information

Series: MIT Press

Paperback: 326 pages

Publisher: The MIT Press; 1 edition (September 9, 1988)

Language: English

ISBN-10: 0262691205

ISBN-13: 978-0262691208

Product Dimensions: 6.9 x 0.8 x 9.8 inches

Shipping Weight: 1.5 pounds

Average Customer Review: 4.7 out of 5 stars  See all reviews  (3 customer reviews)

Best Sellers Rank: #1,741,234 in Books (See Top 100 in Books) #416 in  Books > Engineering & Transportation > Engineering > Materials & Material Science > Metallurgy #7768 in  Books > Engineering & Transportation > Engineering > Industrial, Manufacturing & Operational Systems #8481 in  Books > Science & Math > History & Philosophy

Customer Reviews

A very good source of information on damascus steel, Wootz steel, Japanese sword construction and mokume. If you are a sword or knife collector or blade smith, this book is a must. There is also another book by him that would be an excellent reference. Cyril's original information and background data for this book is in the MIT library! Just in case you need to look up one of his foot notes.

For the first time I have the opportunity to see details of the Reamur work and further information about the history of failure analysis before 1890.

A well written book on old steel.

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

A History of Metallography: The Development of Ideas on the Structure of Metals before 1890 The Proud Tower: A Portrait of the World Before the War, 1890-1914 Polypropylene Structure, blends and composites: Volume 1 Structure and Morphology Advanced Organic Chemistry: Part A: Structure and Mechanisms: Structure and Mechanisms Pt. A Android: App Development & Programming Guide: Learn In A Day! (Android, Rails, Ruby Programming, App Development, Android App Development, Ruby Programming) Android: Programming & App Development For Beginners (Android, Rails, Ruby Programming, App Development, Android App Development) Personal Development: 5 Book Collection (Self Help, Personal Development, Self Development) Historia de seis ideas / History of six ideas: Arte, belleza, forma, creatividad, mimesis, experiencia estetica / Art, Beauty, Type, Creativity, Mimesis, Aestence (Spanish Edition) History: Human History in 50 Events: From Ancient Civilizations to Modern Times (World History, History Books, People History) (History in 50 Events Series Book 1) History: British History in 50 Events: From First Immigration to Modern Empire (English History, History Books, British History Textbook) (History in 50 Events Series Book 11) The Night Before the Night Before Christmas Testifying Before Congress: A Practical Guide to Preparing and Delivering Testimony Before Congress and Congressional Hearings for Agencies, Assoc Sixto Diaz Rodriguez's Philosophy: Rodriguez's eBook Guide to Happiness (How to Live Before Dying, How to Live Before You Die; Leadership for our Times) 1,000 Recordings to Hear Before You Die (1,000... Before You Die Books) The Handbook of Alternative Assets: Making money from art, rare books, coins and banknotes, forestry, gold and precious metals, stamps, wine and other alternative assets The Definitive Guide To Storing Gold & Silver: Must Know Secrets To Insuring The Safety Of Your Metals & Yourself The Beginner's Guide to Gold and Silver Scrap: Basic Fundamentals for Buying Scrap Precious Metals Rare: The High-Stakes Race to Satisfy Our Need for the Scarcest Metals on Earth Mechanisms of Diffusional Phase Transformations in Metals and Alloys Materials Processing: A Unified Approach to Processing of Metals, Ceramics and Polymers

[Dmca](#)