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New Books

STUDIES OF HIGH TEMPERATURE SUPERCONDUCTORS

Volume 8, edited by A. Narlikar.
THe publication contains 11 contributions on research and applications of high T_c materials.
Nova Science Publishers, New York 1991, 434 pages, US$87.00

IMPROVING THE PROPERTIES OF PERMANENT MAGNETS: A STUDY OF PATENTS, PATENT APPLICATIONS AND OTHER LITERATURE

Edited by G.H.M. Koper and M. Terpstra
The book discusses the improvements in various magnetic, chemical, physical and mechanical characteristics of the magnets by various alloys and methods of production. Patent information on 47 companies and research organizations is also presented.
Elsevier Science Publishers, Amsterdam 1991, 156 pages, US$130.00

PERMANENT MAGNETS – 1993 UPDATE

This report updates the 1988 Permanent Magnet Report with a new look at the state of permanent magnets: the industry, the producers, the materials, the technologies, the applications, China and Asian Rim, CIS and Eastern Europe, design factors, magnetizing and testing, statistics and the executive summary. The contributors include J. Croat, M. Sagawa, Y. Luo and others.
Wheeler Associates, Elizabethtown, Kentucky, USA, 1993, US$4500.00 per set (two copies), additional copies $200.00.

W.J. JAMESON: APPLICATIONS OF MATHEMATICS IN ELECTRICAL ENGINEERING

This self–study course gives the fundamental mathematical techniques that can be used to solve problems in circuit analysis, feedback control systems, voltage and current requirements, CAD and other areas. It includes a diskette to perform calculations of important mathematical programs.
IEEE, New York, USA, 1991, US$299.00

A NEW GUIDE FOR BETTER TECHNICAL PRESENTATIONS

Edited by R.M. Woelfle.
The guide gives the background needed to make more effective technical presentations – written, oral and computer graphics.
IEEE, New York, USA, 1992, 416 pp, US$34.95

COAGULATION AND FLOCCULATION – THEORY AND APPLICATIONS

Surfactant Science Series, Vol. 47. Edited by B. Dobias.
The publication contains 14 papers that deal with floc stability, structure formation in disperse systems, surface charge and potential, coagulation kinetics and others.
Marcel Dekker (New York), 1993, 704 pp, US$195.00

HANDBOOK OF INDUSTRIAL REFRACTORIES TECHNOLOGY

This handbook covers the technical aspects of refractories and their use and aims to serve both experienced technologists and newcomers to the refractories industry. The book covers the entire range of refractory materials and forms, detailing thermal and mechanical properties, applications, manufacturing, installation and maintenance techniques, and quality assurance and statistical process control. Each of the 15 chapters explains the subject, tables, graphs and diagrams are also used to increase the accessibility of the information. An appendix of 500 references and a list of about 300 patens are also included.
Noyes Data Corp., Noyes Publications, USA, US$89.00.

J.M. WILLIAMS ET AL.: ORGANIC SUPERCONDUCTORS

(Including fullerenes).
Prentice–Hall, Englewood Cliffs, N.J., USA, 1992, 400 pp., US$66.00