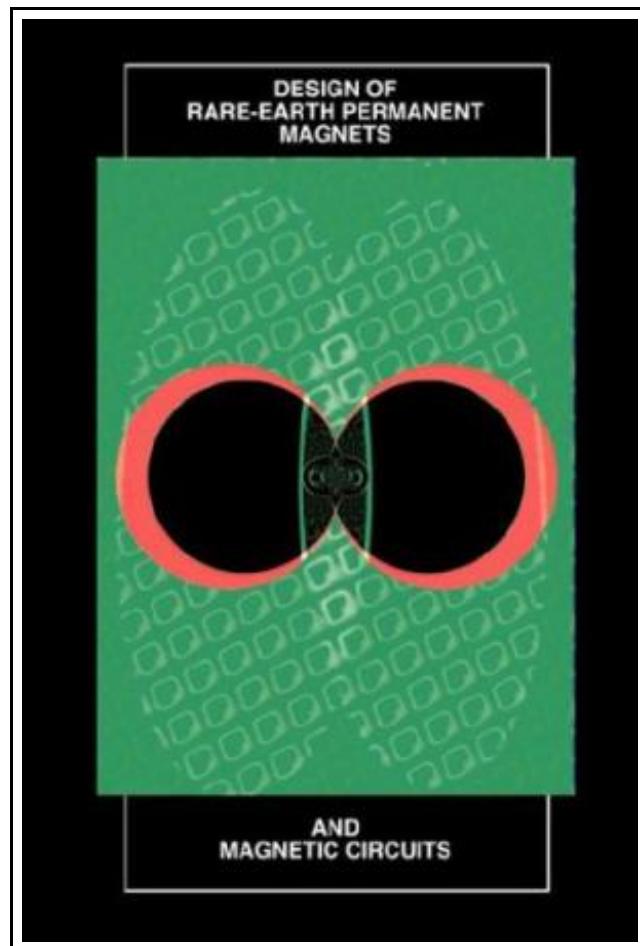


Design of Rare-Earth Permanent Magnets (Repm) and Magnetic Circuits



Filesize: 3.06 MB

Reviews

It is one of the most popular pdf. It really is full of knowledge and wisdom. It's been developed in an exceptionally easy way and it is just right after I finished reading through this publication by which really altered me, alter the way in my opinion.

(Dr. Alexa Rogahn)

DESIGN OF RARE-EARTH PERMANENT MAGNETS (REPM) AND MAGNETIC CIRCUITS

[DOWNLOAD](#)

Wexford College Press, United States, 2007. Paperback. Book Condition: New. 226 x 145 mm. Language: English . Brand New Book ***** Print on Demand *****.The advent of rare-earth permanent magnets (REPMs) has brought the realization of novel magnetic structures that are not practicable otherwise. So different are these remarkable materials from the earlier magnets that conventional design wisdom is inadequate to fully exploit their unique characteristics. Indeed, the conventional wisdom can lead to error or to the employment of cumbersome procedures that are quite unnecessary for REPMs. The salutary characteristics stem from two basic attributes of the rare-earth materials: 1) large intrinsic moments per unit volume; 2) extraordinarily high resistance to demagnetization by external or internal demagnetization fields. Chapter titles are .(1) Introduction .(2) Magnetic Circuit Design [subsections are: Magnetic Analogue to Ohm s Law, Example of Magnetic Gap Field Calculations, Flux Confinement by Cladding, Clad Permanent Magnet Solenoids] .(3) Linear Structures Composed Entirely of Rigid Permanent Magnets .(4) Flux Confinement to Polygonal Cavities .(5) Rod Ensembles .(6) Three Dimensional Structures .(7) Structural Simplification with Magnetic Mirrors .(8) Periodic Permanent Magnet Stacks - PPM s [subsections are: Travelling Wave Tubes, Wigglers and Undulators, Twister Structures] .(9) Conclusions, References, and Bibliography.

[Read Design of Rare-Earth Permanent Magnets \(Repm\) and Magnetic Circuits Online](#)[Download PDF Design of Rare-Earth Permanent Magnets \(Repm\) and Magnetic Circuits](#)

You May Also Like



The Three Little Pigs - Read it Yourself with Ladybird: Level 2

Penguin Books Ltd, United Kingdom, 2013. Paperback. Book Condition: New. 222 x 150 mm. Language: English . Brand New Book. In this classic fairy tale, the three little pigs leave home and build their own...

[Save Book »](#)



Weebies Family Halloween Night English Language: English Language British Full Colour

Createspace, United States, 2014. Paperback. Book Condition: New. 229 x 152 mm. Language: English . Brand New Book ***** Print on Demand *****.Children s Weebies Family Halloween Night Book 20 starts to teach Pre-School and...

[Save Book »](#)



Dog Cat Poems For Kids Rhyming Books For Children Dog Unicorn Jerks 2 in 1 Compilation Of Volume 2 3 Just Really Big Jerk Series

CreateSpace Independent Publishing Platform. Paperback. Book Condition: New. This item is printed on demand. Paperback. 84 pages. Dimensions: 9.0in. x 6.0in. x 0.2in.LIMITED-TIME SPECIAL: Special Bonus Inside! Thats right... For a limited time...

[Save Book »](#)



Everything Ser The Everything Green Baby Book From Pregnancy to Babys First Year An Easy and Affordable Guide to Help Moms Care for Their Baby And for the Earth by Jenn Savedge 2009 Paperback

Book Condition: Brand New. Book Condition: Brand New.

[Save Book »](#)



Children s Educational Book: Junior Leonardo Da Vinci: An Introduction to the Art, Science and Inventions of This Great Genius. Age 7 8 9 10 Year-Olds. [Us English]

Createspace, United States, 2013. Paperback. Book Condition: New. 254 x 178 mm. Language: English . Brand New Book ***** Print on Demand *****.ABOUT SMART READS for Kids . Love Art, Love Learning Welcome. Designed to...

[Save Book »](#)