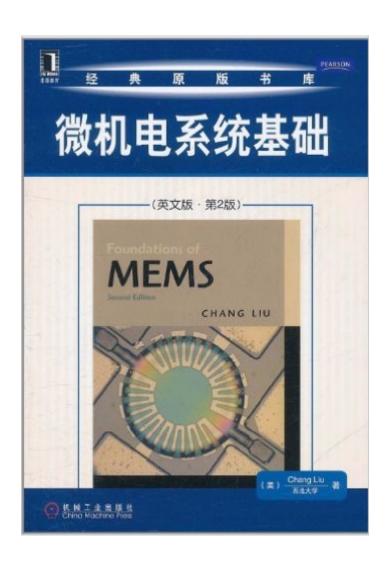
The book was found

Foundations Of MEMS (International Edition)





Synopsis

International reprint edition of ISBN-13: 978-0132497367. Paperback. Published in China. Contents in ENGLISH and totally same as US Edition. (The follower seller, Steven Bookstore, may NOT provide what the detail page shows according to their description)

Book Information

Paperback: 560 pages

Publisher: Pearson International Edition; 2nd edition (2006)

Language: English

ISBN-10: 0147497361

ISBN-13: 978-0147497369

ASIN: B001KQQZ16

Product Dimensions: 9.5 x 7 x 1 inches

Shipping Weight: 1.6 pounds

Average Customer Review: 3.6 out of 5 stars Â See all reviews (9 customer reviews)

Best Sellers Rank: #1,130,943 in Books (See Top 100 in Books) #308 in Books > Engineering &

Transportation > Engineering > Electrical & Electronics > Electronics > Microelectronics

Customer Reviews

Between reviews from disgruntled students and people who were reviewing the seller rather than the book, let's see if I can squeeze in a (hopefully) impartial review for this book. The book provides a rather decent review of the mainstream techniques for the design and fabrication of MEMS, and is a rather good reference book for Electrical Engineers to have handy for calculation of mechanical properties of simple structures. It does an ok job of teaching the basics, which makes it ok for (as was said before) advanced undergraduates or graduate students. Having said that, there are many many cons: The first one is the price. Probably in account of how rare this book is (which may or may not tell you something about how often it is required and used), the price is in my opinion sky-high. Go for the international version of this book if you are outside the US, or choose another one. The proposed questions and examples are a mess, and that's an understatement. The meticulous student will easily notice many answers and developments are wrong, and many examples skip absolutely essential steps to obtain the answer (which makes things worse when the answer is wrong, and at times it is). While it is possible to obtain the right answer by being cautious, the average student will be very frustrated by not obtaining the results the book presents, without knowing they're wrong. Overall, interesting to have as a reference. I would not use it for teaching, or

if so, I would double-check every chapter I teach for accuracy.

Using this book for an undergrad MEMS course open to both Electrical and Mechanical Engineering students. It puts things in entry-level terms, and provides a good general overview of MEMS characteristics and fabrication processes

I changed my rating becuase thiss is the first time I am rating some purchasing and want to check all the stars (I was just curious). Sorry about that. I would recommend this book and the page to my co-workers. thanks!

I think it would work well for both mechanical and electrical engineering students, at the advanced undergraduate level, and would work for a well-motived student in the life sciences as well. I used it in a self-study mode and found it to be quite good, but a little short of excellent. Compared with current research, MEMS is a rapidly advancing field, the book seems a little old already (2005 publication date). I was also lukewarm on the choice of examples which seemed rather scattered between commercial applications and experimental applications. Still, this is a very good textbook and what I'd use for teaching a class on this material.

A well written book on MEMS

Download to continue reading...

Practical MEMS: Design of microsystems, accelerometers, gyroscopes, RF MEMS, optical MEMS, and microfluidic systems RF MEMS Switches and Integrated Switching Circuits (MEMS Reference Shelf) BioNanoFluidic MEMS (MEMS Reference Shelf) Foundations of MEMS (International Edition) Modeling MEMS and NEMS Advanced MEMS Packaging Electromechanics and MEMS Inertial MEMS: Principles and Practice Microsensors, MEMS and Smart Devices Significant Changes to the International Plumbing Code, International Mechanical Code and International Fuel Gas Code, 2012 Edition Study Guide for Foundations of Maternal-Newborn and Women's Health Nursing, 6e (Murray, Study Guide for Foundations of Maternal-Newborn & Women's Health Nursing) Foundations of Set Theory (Studies in Logic and the Foundations of Mathematics) International Law and International Relations (International Relations for the 21st Century) Mansilla Y Tunon: Recent Work (2G: International Architecture Review S.) (2G: International Architecture Review Series) (Spanish and English Edition) International Shortwave Broadcast Guide: Summer 2016 (Semi-Annual International Shortwave Broadcast Guides) Face Image Analysis by Unsupervised

Learning (The Kluwer International Series in Engineering and Computer Science, Volume 612) (The Springer International Series in Engineering and Computer Science) 2009 International Plumbing Code: Softcover Version (International Code Council Series) 2006 International Plumbing Code -(International Plumbing Code) Mosfet Modeling for VLSI Simulation: Theory And Practice (International Series on Advances in Solid State Electronics) (International Series on Advances in Solid State Electronics and Technology) The Physics And Modeling of Mosfets (International Series on Advances in Solid State Electronics) (International Series on Advances in Solid State Electronics and Technology (Unnumbered))

<u>Dmca</u>