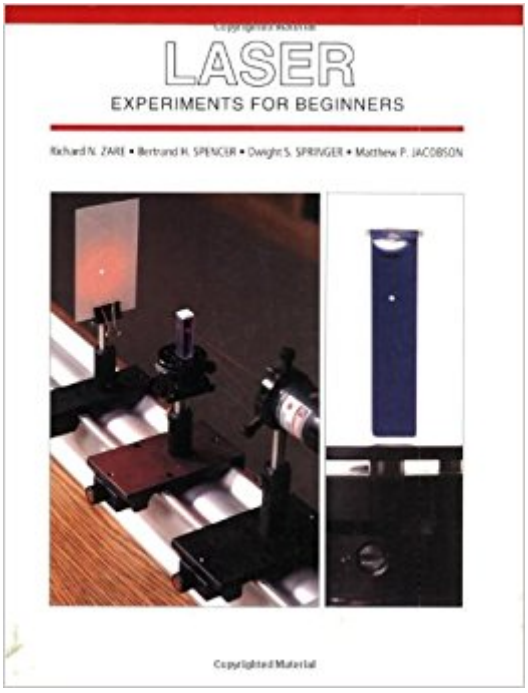
Laser Experiments For Beginners



Synopsis

The perfect blueprint for science teachers who want to bring one of the most remarkable research tools of the 20th century into their classrooms: the laser. Requiring only a low-cost, low-power laser (easily available for under $100) the book presents a series of experiments for in-class demonstrations or student activities. Quick-reference instructions identify needed equipment, recommend safety practices, and help select desired experiments. The book is designed to enhance existing courses in chemistry, physics, and biology.

Book Information

Paperback: 232 pages

Publisher: University Science Books (March 1, 1995)

Language: English

ISBN-10: 0935702369

ISBN-13: 978-0935702361

Product Dimensions: 7.9 x 0.7 x 9.8 inches

Shipping Weight: 1.2 pounds (View shipping rates and policies)

Average Customer Review: 3.5 out of 5 starsÂ Â See all reviewsÂ (2 customer reviews)

Best Sellers Rank: #1,325,400 in Books (See Top 100 in Books) #225 inÂ Books > Science & Math > Physics > Light #484 inÂ Books > Science & Math > Experiments, Instruments & Measurement > Experiments & Projects #6494 inÂ Books > Engineering & Transportation > Engineering > Electrical & Electronics

Customer Reviews

This was supposed to be experiments for high-schoolers. I taught high shool science for 36 years and I can tell you that the experiments in this book are too advanced for most of them. More appropriate for college level students.

Somewhat outdated but extremely lucid. A portrait of how to do laser experiments in the ’90’s (which isn’t too much different from today.) The theoretical parts are good... but the theory is... most theories leave something to be desired. That’s why we keep refining theories. ;)Posted August 2015.

Laser Experiments for Beginners ISO 11146-1:2005, Lasers and laser-related equipment - Test

methods for laser beam widths, divergence angles and beam propagation ratios - Part 1: Stigmatic and simple astigmatic beams Handbook of Laser Wavelengths (Laser & Optical Science & Technology) Reiki: The Ultimate Guide to Mastering Reiki for Beginners in 30 minutes or Less! (Reiki - Reiki Healing - Reiki For Beginners - Yoga for Beginners - Meditation ... Beginners - Kundalini For Beginners - Zen) Dad’s Book of Awesome Science Experiments: From Boiling Ice and Exploding Soap to Erupting Volcanoes and Launching Rockets, 30 Inventive Experiments to Excite the Whole Family! Blogging for Beginners: Learn How to Start and Maintain a Successful Blog the Simple Way - BLOGGING for BEGINNERS/BLOGGING: Blogging for Beginners (Computers ... Design, Blogging, WordPress for Beginners) Javascript: A Pocket Key to JavaScript for beginners (JavaScript Programming, JavaScript Beginners, JavaScript for web developers, JavaScript Beginners Guide, Java Programming for Beginners) Crochet for Beginners: 15 Common Crochet Mistakes and Useful Tips For Beginners: (Crochet patterns, Crochet books, Crochet for beginners, Crochet for Dummies, ... beginner’s guide, step-by-step projects) Rag Quilting for Beginners: How-to quilting book with 11 easy rag quilting patterns for beginners. Quilting for Beginners series Ketogenic Diet: The How To & Not To Guide for beginners: Ketogenic Diet For Beginners: Ketogenic Diet For Weight Loss: The How To & Not To Guide for beginners Spanish Grammar Beginners: A Dual Spanish Grammar Book for Beginners (Spanish Grammar Beginners & Intermediate nÃ Âº 1) (Spanish Edition) Reiki Healing: Reiki Healing, A Beginners Guide to Healing Your Body (Reiki for Beginners, Chakra for Beginners Book 1) Halloween Laser-Cut Plastic Stencils (Dover Stencils) Dinosaurs Laser-Cut Plastic Stencils (Dover Stencils) Favorite Birds Laser-Cut Plastic Stencils (Dover Stencils) Roses Laser-Cut Plastic Stencils (Dover Stencils) Laser Engineering Build Your Own Working Fiberoptic Infrared and Laser Space-Age Projects Ultrafast Laser Processing: From Micro- to Nanoscale Laser Material Processing