



The Complete Book of Holograms How They Work and How to Make Them Dover Recreational Math

By Joseph E. Kasper

Dover Publications. Paperback. Book Condition: New. Paperback. 224 pages. Dimensions: 9.1in. x 6.4in. x 0.5in. I predict that Kasper and Feller will become a standard reference on holography for students and interested laymen. James A. Van Allen. For most nonscientists, holograms are an intriguing if not mesmerizing mystery. How are these seemingly magical images created and what makes them appear to be three-dimensional? This fascinating book not only offers the answers to these and other questions about holography it even gives step-by-step instructions so that readers can manufacture their own holograms. Written in a lively, stimulating style, The Complete Book of Holograms provides a thorough, easy-to-understand explanation of the theory and science of making holograms. The physical basis of holography is introduced through a discussion of interference patterns in water waves and in light waves. Without complicated mathematics or physics, the authors explain the two models of holography the geometric and the more complex zone-plate model and the several different types of holograms, including transmission, reflection, phase, projection, rainbow, multiplex, and others. They explain how to copy holograms; describe special techniques and applications; and discuss potential uses for holography, including the use of holograms in movies, television, and data storage. They...



READ ONLINE
[3.97 MB]

Reviews

It becomes an amazing pdf which i actually have at any time read through. This can be for all those who statte there had not been a worthy of reading through. You wont sense monotony at anytime of your own time (that's what catalogues are for relating to should you check with me).

-- **Claud Kris**

If you need to adding benefit, a must buy book. It is writter in easy words and phrases and not difficult to understand. Your daily life span is going to be transform when you complete reading this article publication.

-- **Ricky Leannon**