



## The Hologram: Principles and Techniques (Hardback)

By Martin J. Richardson, John D. Wiltshire

John Wiley and Sons Ltd, United States, 2017. Hardback. Condition: New. 1. Auflage. Language: English . Brand New Book. The practical and comprehensive guide to the creation and application of holograms Written by Martin Richardson (an acclaimed leader and pioneer in the field) and John Wiltshire, The Hologram: Principles and Techniques is an important book that explores the various types of hologram in their multiple forms and explains how to create and apply the technology. The authors offer an insightful overview of the currently available recording materials, chemical formulas, and laser technology that includes the history of phase imaging and laser science. Accessible and comprehensive, the text contains a step-by-step guide to the production of holograms. In addition, The Hologram outlines the most common problems encountered in producing satisfactory images in the laboratory, as well as dealing with the wide range of optical and chemical techniques used in commercial holography. The Hologram is a well-designed instructive tool, involving three distinct disciplines: physics, chemistry, and graphic arts. This vital resource offers a guide to the development and understanding of the recording of materials, optics and processing chemistry in holography and: Discusses the pros and cons of the currently available recording materials...



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