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Accurate authoritative and comprehensive Optics Fourth Edition has been revised to provide readers with the most up to date coverage of optics The market leader for over a decade this book provides a balance of theory and instrumentation while also including the necessary classical background The writing style is lively and accessible For college instructors students or anyone interested in optics      Light and Optics Abdul Al-Azzawi,2018-10-03 Since the invention of the laser our fascination

with the photon has led to one of the most dynamic and rapidly growing fields of technology As the reality of all optical systems quickly comes into focus it is more important than ever to have a thorough understanding of light and the optical components used to control it Comprising chapters drawn from the author s highly anticipated book Photonics Principles and Practices Light and Optics Principles and Practices offers a detailed and focused treatment for anyone in need of authoritative information on this critical area underlying photonics Using a consistent approach the author leads you step by step through each topic Each skillfully crafted chapter first explores the theoretical concepts of each topic and then demonstrates how these principles apply to real world applications by guiding you through experimental cases illuminated with numerous illustrations The book works systematically through light light and shadow thermal radiation light production light intensity light and color the laws of light plane mirrors spherical mirrors lenses prisms beamsplitters light passing through optical components optical instruments for viewing applications polarization of light optical materials and laboratory

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Institute of Library Research,University of California, Berkeley,1972      Physics Briefs ,1990      Optics ,1965      *Catalogo Systematico Dei Libri* Commission of the European Communities. Bibliothèque centrale Luxembourg,1968

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