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The optical properties of matter are studied in optical physics, a subfield of optics. The optical properties of matter include: Refraction and the material's refraction index. Polarization. Reflection and the material's albedo or reflectance. Absorption. Photoluminescence (fluorescence) Transmittance. Diffraction.

Optical properties - Wikipedia

Optical Properties of Solids. Second Edition. Mark Fox. March 2010. ISBN: 9780199573370. 416 pages Paperback 246x189mm In Stock. Oxford Master Series in Physics. Price: £29.50. The second edition of this successful textbook provides an up-to-date account of the optical physics of solids.

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