Modern optical engineering - the design of optical systems

McGraw Hill - Engineering an optical system

Description: -
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Optical instruments -- Design and construction.Modern optical engineering - the design of optical systems
-Modern optical engineering - the design of optical systems
Notes: Includes bibliographical references and index.
This edition was published in 2008

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The above procedure has located the second principal point and second focal point of the lens. ANSWER: The airgap is 0.

An Introduction to Optical Design

He resides with his wife in Vista, California. These diffracted wave fronts from s travel to a second opaque screen which has two slits or pinholes , A and B, from which new wave fronts originate.

An Introduction to Optical Design

When viewed through the convex surface, where is the image, and what is the image size if the immersion lens is: a 7.

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Notice that the blue light ray is bent, or refracted, through a greater angle than is the ray of red light. Accurately evaluating the performance of a non-imaging design usually requires many rays, typically thousands or millions, traced with a Monte Carlo ray-tracing program. A similar construction for other points on the object would locate additional image points, which would lie along the indicated Showing the ray paths through the focal points and principal points.

Engineering an optical system

Design of Mirror and Catadioptric Systems 18. Well, right -- this is one type of lens, and the most common type at that most eyeglass and contact lenses are this type.

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