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not only covers theory of lens design but the author also delves into the math using practical examples. The ZEMAX code in the book is a bit dated by now but most users should be able to still use it for newer editions of the software. There are also many useful figures to help visualize the main issues/considerations of lens design. Amazon.com: Introduction to Lens Design: With Practical ... Introduction to Lens Design A required course in the Certificate Program in Optical Engineering and an elective in Optical Instrument Design. Course closed to new registrations: Call ( 949 ) 824-5414 for more information or sign up below to be notified when this course becomes available. x Introduction to Lens Design Optical lenses have many important applications, from telescopes and spectacles, to microscopes and lasers. This concise, introductory book provides an overview of the subtle art of lens design. It covers the fundamental, optical theory, and the practical methods and tools employed in lens design, in a succinct and accessible manner. Introduction To Lens Design | José Sasián | download Introduction to Lens

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The book not only covers theory of lens design but the author also delves into the math using practical examples. The ZEMAX code in the book is a bit dated by now but most users should be able to still use it for newer editions of the software. There are also many useful figures to help visualize the main issues/considerations of lens design.

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It comprehensively describes the fundamental optical theory and state-of-the-art of lens design, including aberrations, achromatic doublets, and lens tolerances. This field has strong impacts in several technologies from telescopes to lasers to microscopes. The target audience for this text is graduate students in optical design and photonics engineers, but

anyone concerned with imaging industries will profit from reading this book.

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