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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 Examples: Geary, Joseph M.: Amazon.com.au: Books Introduction to Lens Design: With Practical Zemax Examples ... 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. × Introduction to Lens Design Optical lenses have many important applications, from telescopes and spectacles, to microscopes and lasers. This concise, introductory book

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clarity, broadens the study of aberrations, enhances discussion of multi-mirror systems, adds tilted and decentered systems ...Lens Design Fundamentals | ScienceDirectA concise introduction to lens design, including the fundamental theory, concepts, methods and tools used in the field. Covering all the essential concepts and providing suggestions for further reading at the end of each chapter, this book is an essential resource for graduate students working in optics and photonics.

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8. Geary Lens Design with practical Examples, Willmann-Bell, 2002 9. Gross (Ed.) Handbook of optical systems, Vol 1-5, Wiley, 2005 10. Shannon The art and science of optical design, Cambridge Univ. Press, 1997 11. G. Smith Practical computer-aided lens design, Willman Bell, 1998 12. R. Kingslake/B. Johnson Lens Design Fundamentals, Academic ...

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Lens design is an exciting and important field of optics. This field provides designs for a great diversity of lens and mirror systems needed in many other fields, such as consumer optics, microscope optics, telescope optics, lenses for optical lithography, and photographic optics.

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Book description. 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

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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

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A concise introduction to lens design, including the fundamental theory, concepts, methods and tools used in the field. Covering all the essential concepts and providing suggestions for further reading at the end of each chapter, this book is an essential resource for graduate students working in optics and photonics.

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REVIEW OF INTRODUCTION TO LENS DESIGN WITH PRACTICAL ZEMAX EXAMPLES

- I first read this book 4 years ago, at the age of 13, and it became one of the most important influences on my life. When I finished it for the first time, I was simply amazed, and have read it four times since. One thing I'd like to say about this novel: stop regarding it as 'political'! People make alot of references to it when talking politics (ie the relations between PC and Newspeak, etc) but this isn't the book's main purpose. This is a book about a man struggling to find freedom, happiness and truth under an oppressive government of power freaks. It also asks

philosophical and psychological questions, such as 'what is truth?', and 'what does it take to break the human spirit?' , which are masterly integrated into the plot. The aesthetics and reality of this novel are also great. It really adds to the suspense and mood of the novel. That's all I have to say. When you're done and feel like something a little more uplifting, read its 1994 sequel, "Orwell's Revenge"

- This is one of the best medical thrillers I have read in a long time. Goldberg is a favorite of mine and I was looking forward to this one. The story basically centers around its main character Dr. Joanna Blalock. She and some of her co-workers get exposed to a deadly virus, brought into the country by terrorists. Goldberg is great at describing

the action in a quick, witty manner. This book never drags and although I still feel as though they make the main character a little too perfect, she is an engaging character. If you get easily spooked by

viral scenarios that are all too plausible in "real life", don't read this. However, if you want to get scared and find a truly enjoyable read, then buy this book.