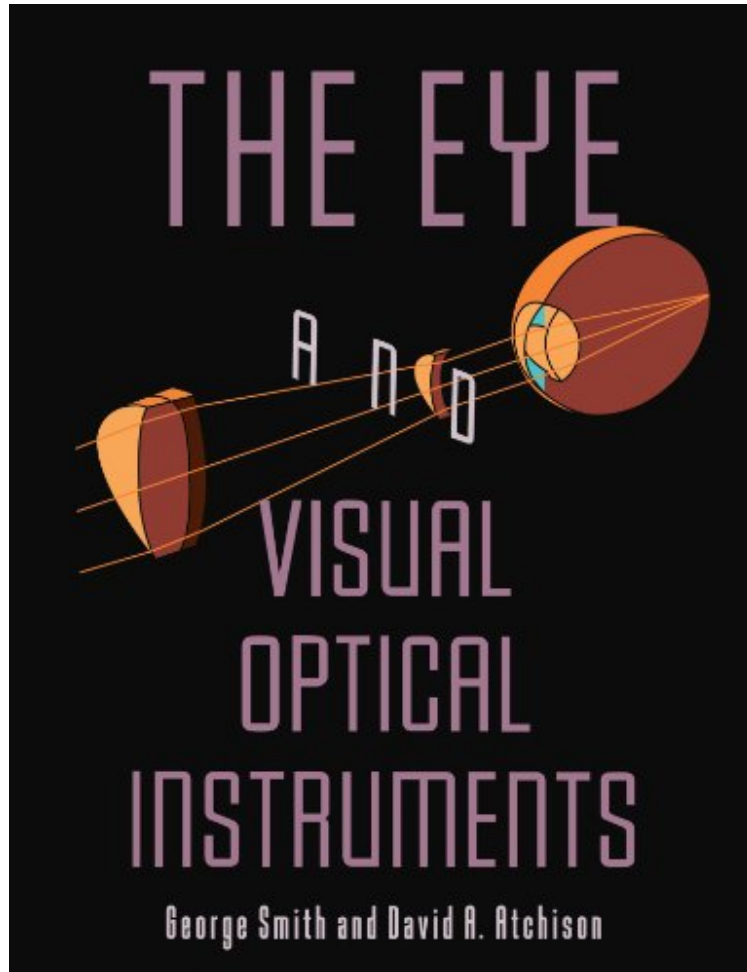


The Eye and Visual Optical Instruments

George Smith, David A. Atchison

**Download PDF / ePub / DOC / audiobook / ebooks*



DOWNLOAD



+

READ ONLINE

#1561992 in Books Cambridge University Press 1997-02-28Ingredients: Example IngredientsOriginal language:EnglishPDF # 1 9.96 x 1.65 x 6.97l, 3.17 #File Name: 0521478200828 pages | File size: 27.Mb

George Smith, David A. Atchison : The Eye and Visual Optical Instruments before purchasing it in order to gage whether or not it would be worth my time, and all praised The Eye and Visual Optical Instruments:

A wide variety of optical instruments exists in which the human eye forms an integral part of the system. This book provides a detailed description of the visual ergonomics of such instruments. The book begins with a section on image formation and basic optical components. The authors then discuss various optical instruments that can be adequately described using geometrical optics, and follow this with a section on diffraction and interference, and the instruments based on these effects. There are separate sections devoted to ophthalmic instruments and aberration theory, with a final section covering visual ergonomics in depth. Containing many problems and solutions, this book will be of great use to undergraduate and graduate students of optometry, optical design, optical engineering, and visual science, and

to professionals working in these and related fields.