

## Reviews and Comments on the 4<sup>th</sup> and 5<sup>th</sup> Editions

*A marvelous book, rich in quality and content. With an elegant presentation and a comprehensive coverage, this book outshines all its earlier versions. None can help falling in love with it.*

**--- Dr. V. Balasubrahmanyam, Osmania University, Hyderabad**

*True strength of the book lies in its level of rigor. It has an excellent balance on description and mathematical rigor of optics almost throughout the book.*

**---Prof. R. K. Kar, Vishwa Bharti, Santiniketan**

*...Teaching of optics needs clarity and examples taken from nature and experimental laboratories .... If, in addition, theoretical formulations are clearly explained and supported by many exercises, then we are defining the most optimized book in optics as needed for students and teachers. .. This is, precisely, the definition that I can give to the outstanding textbook: OPTICS, authored by the prestigious scientist Professor Ajoy Ghatak. No doubt, the reader will enjoy this textbook and will recognize the beauty of light.*

**--- Maria L. Calvo, Former President ICO (International Commission for Optics) & Professor, Department of Optics, Universidad Complutense de Madrid, Spain**

*Written by a teacher par excellence, ... the presentation is lucid and tutorial in nature ... easily comprehensible to students and teachers alike. The problems appended are extremely educative and instructive ... it covers the principles of very contemporary topics ... the author has included many new applications like fundamentals of fiber optics for telecommunication and sensors including working of a fiber amplifier, which has made long distance broadband communication and internet access possible and also lasers itself. I can highly recommend this compendium in optics as a text for class room teaching at all institutions having courses in optics or applied optics.*

**--- Bishnu Pal, President elect Optical Society of India; Fellow, Optical Society of America & Head of Physics Department, IIT Delhi**

*This well- illustrated book with plenty of examples is an Optics teacher's dream book ... Of special importance are the numerous examples on fiber optics... the derivation of all important formulas from first principles, and the summary sections of each chapter. The numerous worked out examples make this book ideal for self-study. The writing style is lucid and non-formal and is a joy to read. This is yet another important addition to Professor Ghatak's oeuvre.*

**V Lakshminarayanan,  
Fellow, Optical Society of America & Professor of Optometry, Physics and Electrical & Computer Engineering, University of Waterloo, Canada**

*... the book covers most of the important topics in optics as well as contemporary subjects such as Lasers and Fiber Optics. The concepts are introduced and developed systematically thus helping the reader to even use it for self-study. The problems contained in the book should help the reader to test his/her understanding. I strongly recommend this book to anyone interested in understanding fundamental optical phenomena and their applications.*

**K. Thyagarajan,  
Fellow, Optical Society of America & Professor of Physics, IITDelhi**