



Lasers and Optical Fibre Communications

By P. Sarah

I.K. International Publishing House Pvt. Ltd., 2008. Paperback. Book Condition: New. 16cm x 24cm. Lasers and Optical Fibre Communications is a self-contained book on lasers and fibre optics for physicists and engineering students at the introductory level. It presents the latest developments in laser technology in a concise and lucid manner. The first few chapters deal with the concepts such as lasers and their origin, theoretical concepts of laser technology and their applications to various spheres. This is followed up with an exhaustive study of the various laser schemes and different laser types. A separate chapter is devoted to the applications of laser technology in spheres such as science, technology, medicine and defence. Optical fibres are equally elegantly dealt with. In particular, Ray and Mode Theory, transmission characteristics, dispersion properties of optical wave guides, and the nature of detectors deserve special mention for the excellent treatment in the book. The gamut of communication systems including the nuances of laser propagation is also presented. The most important feature of the book is the seamless blending of theory with practice to bring out how the components of fibre systems are put together to achieve techno economic solution. The book concludes with a short note...



READ ONLINE
[2.7 MB]

Reviews

The ebook is straightforward in go through preferable to recognize. It typically does not charge too much. Its been designed in an exceptionally straightforward way and it is just following i finished reading this book where basically altered me, affect the way i really believe.

-- **Dr. Reta Murphy**

It becomes an amazing pdf which i actually have at any time read through. This can be for all those who statte there had not been a worthy of reading through. You wont sense monotony at anytime of your own time (that's what catalogues are for relating to should you check with me).

-- **Claud Kris**