

<<激光原理>>

图书基本信息

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### 内容概要

This new Fourth Edition of Principles of Lasers is so thoroughly updated and expanded that it is virtually a whole new book.

But the text's essential mission remains the same : to provide a wide-ranging yet unified description of laser behavior , physics , technology, and current applications.

Dr. Svelto emphasizes the physical rather than the mathematical aspects of lasers , and presents the subject in the simplest terms compatible with a correct physical understanding.

作者简介 : Orazio Svelto is Professor of Quantum Electronics at the Polytechnic Institute of Milan and Director of the Quantum Electronics Center of the Italian National Research Council.

His research has covered a wide range of activity in the field of laser physics and quantum electronics , starting from the very beginning of these disciplines.

This activity includes ultrashort-pulse generation and applications , development of laser resonators and mode-selection techniques , laser applications in biology and medicine , and development of solid-state lasers.

Professor Svelto is the author of more than 150 scientific papers and his researches have been the subject of more than 50 invited papers and international conferences.

He has served as a program chair of the IX International Quantum Electronics Conference ( 1976 ) , as a chair of the European program committee for CLEO 85 and CLEO 90 , and he was general co-chair for the first CLEO-Europe Conference ( 1994 ) 。

He is an elected member of the Italian “ Accademia dei XL ” and a Fellow of the IEEE.

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