

## <<激光原理>>

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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.

# <<激光原理>>

## 书籍目录

Lists of Examples

1. Introductory Concepts
  - 1.1 Spontaneous and Stimulated Emission, Absorption
  - 1.2 The Laser Idea
  - 1.3 Pumping Schemes
  - 1.4 Properties of Laser Beams
    - 1.4.1 Monochromaticity
    - 1.4.2 Coherence
    - 1.4.3 Directionality
    - 1.4.4 Brightness
    - 1.4.5 Short Pulse Duration
  - 1.5 Laser Types
2. Problems
2. Interaction of Radiation with Atoms and Ions
  - 2.1. Introduction
  - 2.2. Summary of Blackbody Radiation Theory
    - 2.2.1 Modes of a Rectangular Cavity
    - 2.2.2 Rayleigh-Jeans and Planck Radiation Formula
    - 2.2.3 Planck's Hypothesis and Field Quantization
  - 2.3 Spontaneous Emission
    - 2.3.1 Semiclassical Approach
    - 2.3.2 Quantum Electrodynamics Approach
    - 2.3.3 Allowed and Forbidden Transitions
  - 2.4 Absorption and Stimulated Emission
    - 2.4.1 Absorption and Stimulated Emission Rates
    - 2.4.2 Allowed and Forbidden Transitions
    - 2.4.3 Transition Cross Section, Absorption and Gain Coefficient
    - 2.4.4 Einstein Thermodynamic Treatment
  - 2.5 Line-Broadening Mechanisms
    - 2.5.1 Homogeneous Broadening
    - 2.5.2 Inhomogeneous Broadening
    - 2.5.3 Concluding Remarks
  - 2.6 Nonradiative Decay and Energy Transfer
    - 2.6.1 Mechanisms Of Nonradiative Decay
    - 2.6.2 Combined Effects of Radiative and Nonradiative Processes
  - 2.7 Degenerate or Strongly Coupled Levels
    - 2.7.1 Degenerate Levels
    - 2.7.2 Strongly Coupled Levels
  - 2.8 Saturation
    - 2.8.1 Saturation of Absorption: Homogeneous Line
    - 2.8.2 Gain Saturation: Homogeneous Line
    - 2.8.3 Inhomogeneously Broadened Line
  - 2.9 Fluorescence Decay of an Optically Dense Medium
    - 2.9.1 Radiation Trapping
    - 2.9.2 Amplified Spontaneous Emission
  - 2.10 Concluding Remarks
3. References
3. Energy Levels Radiative and Nonradiative Transitions in Molecules and Semiconductors
  - 3.1 Molecules
    - 3.1.1 Energy Levels
    - 3.1.2 Level Occupation at Thermal Equilibrium
    - 3.1.3 Stimulated Transitions
    - 3.1.4 Radiative and Nonradiative Decay
  - 3.2 Bulk Semiconductors
    - 3.2.1 Electronic States
    - 3.2.2 Density of States
    - 3.2.3 Level Occupation at Thermal Equilibrium
    - 3.2.4 Stimulated Transitions: Selection Rules
    - 3.2.5 Absorption and Gain Coefficients
    - 3.2.6 Spontaneous Emission and Nonradiative Decay
    - 3.2.7 Concluding Remarks
  - 3.3 Semiconductor Quantum Wells
    - 3.3.1 Electronic States
    - 3.3.2 Density of States
    - 3.3.3 Level Occupation at Thermal Equilibrium
    - 3.3.4 Stimulated Transitions: Selection Rules
    - 3.3.5 Absorption and Gain Coefficients
    - 3.3.6 Strained Quantum Wells
  - 3.4 Quantum Wires and Quantum Dots
  - 3.5 Concluding Remarks
4. Problems
4. Ray and Wave Propagation through Optical Media
  - 4.1 Introduction
5. Passive Optical Resonators
6. Pumping Process
7. Continuous Wave Laser Behavior
8. Transient Laser Behavior
9. Solid-State, Dye, and Semiconductors Lasers
10. Gas, Chemical, Free-Electron, and X-Ray Lasers
11. Properties of Laser Beams
12. Laser Beam Transformation: Propagation, Amplification, Frequency Conversion, Pulse Compression, and Pulse Expansion
- Appendixes
- Answers to Selected Problems
- Index

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