

Table of Contents

- 1. Elemental and Compound Semiconductors**
- 2. Optical Processes in Semiconductors**
- 3. Optical Fibres**
- 4. Attenuation in Optical Fibres**
- 5. Optical Fibre Fabrication and Cabling**
- 6. Optical Sources**
- 7. Optical Detectors**
- 8. Special Detection Schemes**
- 9. Solar Cells**
- 10. Power Launching and Coupling**
- 11. Digital Transmission Systems**
- 12. Opto-Electronic Modulators, Switching Devices, and OEICs (Opto-Electronic Integrated Circuits)**
- 13. Fibre Optic Transmitters and Receivers**
- 14. Unguided Optical Communication Systems**
- 15. Applications of Opto-Electronic Devices and Measurements**