

Section 3.13: Further Reading

The following list contains references relevant to the chapter material.

Electromagnetics (easiest to more difficult)

1. Engineering Electromagnetics, 6th Ed., W. H. Hayt, J. A. Buck, McGraw-Hill Higher Education, New York (2001)
2. Electricity and Magnetism, Berkeley Physics Course Volume 2, E. M. Percell, McGraw-Hill, New York (1965)
3. Foundations of Electromagnetic Theory, 2nd Ed., J. R. Reitz, F. J. Milford, Addison-Wesley Publishing, Reading (1967)
4. Classical Electrodynamics, 2nd Ed., J. D. Jackson, John Wiley & Sons, New York (1975).

General

5. Semiconductor Lasers, 2nd Ed., G. P. Agrawal, N. K. Dutta, Van Nostrand Reinhold, New York (1993).
6. Diode Lasers and Photonic Integrated Circuits, L. A. Coldren, John Wiley & Sons, Inc., New York (1995).

Optics

7. Optics, 4th Ed., E. Hecht, A. Zajac, Addison-Wesley (1987)
8. Introduction to Modern Optics, G. R. Fowles, Dover Publications, Mineola (1989)
9. Fundamentals of Photonics, B. E. A. Saleh, M. C. Teich, Wiley Interscience, New York (1991).

Optical Fiber

10. Optoelectronics and Photonics, Principles and Practices, S. O. Kasap, Prentice Hall, Upper Saddle River (2001).
11. Optical Fiber Communications, 3rd Ed., G. Keiser, McGraw-Hill Higher Education (2000)

Waveguides and Optical Filters

12. Integrated Optics: Theory and Technology, 3rd Ed., R. G. Hunsperger, Springer-Verlag, New York (1991).
13. Physics of Optoelectronic Devices, S. H. Chuang, Wiley, New York (1995).
14. Quantum Electronics, 3rd Ed., A. Yariv, John Wiley & Sons, New York (1989).
15. Optical Electronics in Modern Communications, 5th Ed., A. Yariv, Oxford University Press, New York (1997).
16. Optical Filter Design and Analysis: A Signal Processing Approach, C. K. Madsen, J. H. Zhao, Wiley, New York (1999).
17. Fundamentals of Optoelectronics, C. R. Pollock, Irwin, Chicago (1995).