

Bibliography

- ANDREWS, C. L., *Optics of the Electromagnetic Spectrum*, Prentice-Hall, Englewood Cliffs, N.J., 1960.
- ANTONELLI, CHRISTIAN, FISCHER, GILES, JAMES, and STONER, *Waves and Optics Simulations*, Wiley, New York, 1995.
- BACHOR, Hans-A., *A Guide to Experiments in Quantum Optics*, Wiley-VCH, Weinheim, 1998.
- BAKER, B. B. and E. J. COPSON, *The Mathematical Theory of Huygens' Principle*, Oxford University Press, London, 1969.
- BALDWIN, G. C., *An Introduction to Nonlinear Optics*, Plenum Press, New York, 1969.
- BARBER, N. F., *Experimental Correlograms and Fourier Transforms*, Pergamon, Oxford, 1961.
- BARNOSKI, M., *Fundamentals of Optical Fiber Communications*, Academic Press, New York, 1976.
- BARTON, A. W., *A Textbook on Light*, Longmans, Green, London, 1939.
- BEARD, D. B. and G. B. BEARD, *Quantum Mechanics with Applications*, Allyn and Bacon, Boston, 1970.
- BEESLEY, M., *Lasers and Their Applications*, Taylor and Francis, New York, 1976.
- BERAN, M. J. and G. B. PARRENT, JR., *Theory of Partial Coherence*, Prentice-Hall, Englewood Cliffs, N.J., 1964.
- BLAKER, J. W. and W. M. ROSENBLUM, *Optics*, Macmillan, New York, 1993.
- BLOEMBERGEN, N., *Nonlinear Optics*, Addison-Wesley, Reading, MA, 1991.
- BLOOM, A. L., *Gas Lasers*, Wiley, New York, 1968.
- BLOSS, D., *An Introduction to the Methods of Optical Crystallography*, Holt, Rinehart and Winston, New York, 1961.
- BOHREN, C. F. and D. R. HUFFMAN, *Absorption and Scattering of Light by Small Particles*, Wiley, New York, 1983.
- BORN, M. and E. WOLF, *Principles of Optics*, Pergamon, Oxford, 1970.
- BOROWITZ, S., *Fundamentals of Quantum Mechanics*, Benjamin, New York, 1967.
- BRADDICK, H., *Vibrations, Waves, and Diffraction*, McGraw-Hill, New York, 1965.
- BROUWER, W., *Matrix Methods in Optical Instrument Design*, Benjamin, New York, 1964.
- BROWN, E. B., *Modern Optics*, Reinhold, New York, 1965.
- BUCK, J. A., *Optical Fibers*, Wiley, New York, 1995.
- BUTCHER, P. N. and D. COTTER, *The Elements of Nonlinear Optics*, Cambridge University Press, Cambridge, 1990.
- CAJORI, F., *A History of Physics*, Macmillan, New York, 1899.
- CATHEY, W., *Optical Information Processing and Holography*, Wiley, New York, 1974.
- CHANG, W. S. C., *Principles of Quantum Electronics, Lasers: Theory and Applications*, Addison-Wesley, Reading, Mass., 1969.
- COHEN-TANNOUDJI, C., DUPONT-ROC, J. and G. GRYNBERG, *Photons and Atoms*, Wiley, New York, 1989.
- COLLIER, R., C. BURCKHARDT, and L. LIN, *Optical Holography*, Academic Press, New York, 1971.
- CONRADY, A. E., *Applied Optics and Optical Design*, Dover Publications, New York, 1929.
- COOK, A. H., *Interference of Electromagnetic Waves*, Clarendon Press, Oxford, 1971.
- COSSELT, V. E., *Modern Microscopy*, Cornell University Press, Ithaca, N. Y., 1966.
- COULSON, C. A., *Waves*, Oliver and Boyd, Edinburgh, 1949.
- COX, A., *Optics*, The Focal Press, London, 1961.
- COWLEY, J. M., *Diffraction Physics*, North-Holland, Amsterdam, 1986.
- CRAWFORD, F. S., JR., *Waves*, McGraw-Hill, New York, 1965.
- DAVIS, C. C., *Lasers and Electro-Optics*, Cambridge University Press, Cambridge, 1996.
- DAVIS, H. F., *Introduction to Vector Analysis*, Allyn and Bacon, Boston, 1961.
- DAVIS, S. P., *Diffraction Grating Spectrographs*, Holt, Rinehart and Winston, New York, 1970.
- DENISYUK, Y., *Fundamentals of Holography*, Mir Publishers, Moscow, 1984.

- DEVELIS, J. B. and G. O. REYNOLDS, *Theory and Applications of Holography*, Addison-Wesley, Reading, Mass., 1967.
- DIRAC, P. A. M., *Quantum Mechanics*, Oxford University Press, London, 1958.
- DITCHBURN, R. W., *Light*, Wiley, New York, 1963.
- DITTEON, R., *Modern Geometrical Optics*, Wiley, New York, 1998.
- DODD, J. N., *Atoms and Light: Interactions*, Plenum Press, New York, 1991.
- DRUDE, P., *The Theory of Optics*, Longmans, Green, London, 1939.
- ELMORE, W. and M. HEALD, *The Physics of Waves*, McGraw-Hill, New York, 1969.
- FEYNMAN, R. P., *QED*, Princeton University Press, Princeton, N.J., 1985.
- FLÜGGE, J., ed., *Die wissenschaftliche und angewandte Photographie; Band 1, Das photographische Objektiv*, Springer-Verlag, Wien, 1955.
- FOWLES, G., *Introduction to Modern Optics*, Holt, Rinehart and Winston, New York, 1968.
- FRANÇON, M., *Diffraction: Coherence in Optics*, Pergamon Press, Oxford, 1966.
- FRANÇON, M., *Modern Applications of Physical Optics*, Wiley, Interscience, New York, 1963.
- FRANÇON, M., *Optical Interferometry*, Academic Press, New York, 1966.
- FRANÇON, M., *Optical Image Formation and Processing*, Academic Press, New York, 1979.
- FRANÇON, M., N. KRAUZMAN, J. P. MATHIEU, and M. MAY, *Experiments in Physical Optics*, Gordon and Breach, New York, 1970.
- FRANK, N. H., *Introduction to Electricity and Optics*, McGraw-Hill, New York, 1950.
- FREEMAN, M. H., *Optics*, Butterworths, London, 1990.
- FRENCH, A. P., *Special Relativity*, Norton, New York, 1968.
- FRENCH, A. P., *Vibrations and Waves*, Norton, New York, 1971.
- FROOME, K. D. and L. ESSEN, *The Velocity of Light and Radio Waves*, Academic Press, London, 1969.
- FRY, G. A., *Geometrical Optics*, Chilton, Philadelphia, 1969.
- GARBUNY, M., *Optical Physics*, Academic Press, New York, 1965.
- GASKILL, J., *Linear Systems, Fourier Transforms, and Optics*, Wiley, New York, 1978.
- GHATAK, A. K., *An Introduction to Modern Optics*, McGraw-Hill, New York, 1971.
- GHATAK, A. and K. THYAGARAJAN, *Contemporary Optics*, Plenum Press, New York, 1978.
- GOLDIN, E., *Waves and Photons, An Introduction to Quantum Theory*, Wiley, New York, 1982.
- GOLDWASSER, E. L., *Optics, Waves, Atoms, and Nuclei: An Introduction*, Benjamin, New York, 1965.
- GOODMAN, J. W., *Introduction to Fourier Optics*, McGraw-Hill, New York, 1968.
- GRAHAM SMITH, F. and T. A. KING, *Optics and Photonics: An Introduction*, Wiley, New York, 2000.
- GREENLER, R., *Rainbows, Halos, and Glories*, Cambridge University Press, Cambridge, 1991.
- GUENTHER, R. D., *Modern Optics*, Wiley, New York, 1990.
- HARDY, A. C. and F. H. PERRIN, *The Principles of Optics*, McGraw-Hill, New York, 1932.
- HARIHARAN, P., *Basics of Interferometry*, Academic Press, New York, 1992.
- HARVEY, A. F., *Coherent Light*, Wiley, London, 1970.
- HEAVENS, O. S., *Optical Properties of Thin Solid Films*, Dover Publications, New York, 1955.
- HECHT, E., *Optics: Schaum's Outline Series*, McGraw-Hill, New York, 1975.
- HECHT, J., *Understanding Fiber Optics, 4th ed.*, Prentice Hall, Upper Saddle River, New Jersey, 2002.
- HERMANN, A., *The Genesis of Quantum Theory (1899–1913)*, MIT Press, Cambridge, Mass., 1971.
- HOUSTON, R. A., *A Treatise On Light*, Longmans, Green, London, 1938.
- HUARD, S., *Polarization of Light*, Wiley, New York, 1997.
- HUNSPERGER, R., *Integrated Optics: Theory and Technology*, Springer-Verlag, Berlin, 1984.
- HUYGENS, C., *Treatise on Light*, Dover Publications, New York, 1962 (1690).
- IGA, K., *Fundamentals of Laser Optics*, Plenum Press, New York, 1994.
- IIZUKA, K., *Engineering Optics*, Springer-Verlag, Berlin, 1987.
- INGARD, K. U., *Fundamentals of Waves and Oscillations*, Cambridge University Press, Cambridge, 1988.
- JACKSON, J. D., *Classical Electrodynamics*, Wiley, New York, 1962.
- JENKINS, F. A. and H. E. WHITE, *Fundamentals of Optics*, McGraw-Hill, New York, 1957.
- JENNISON, R. C., *Fourier Transforms and Convolutions for the Experimentalist*, Pergamon, Oxford, 1961.
- JOHNSON, B. K., *Optics and Optical Instruments*, Dover Publications, New York, 1947.
- JONES, B., et al., *Images and Information*, The Open University Press, Milton Keynes, Great Britain, 1978.
- KAFRI, O. and I. GLATT, *The Physics of Moiré Metrology*, Wiley, New York, 1990.
- KARIM, M. A., *Electro-Optical Devices and Systems*, PWS-Kent, Boston, 1990.
- KEISER, G., *Optical Fiber Communications*, McGraw-Hill, New York, 1991.
- KITCHIN, C. R., *Telescopes and Techniques*, Springer-Verlag, Berlin, 1995.
- KLAUDER, J. and E. SUDARSHAN, *Fundamentals of Quantum Optics*, Benjamin, New York, 1968.
- KLEIN, M. V., *Optics*, Wiley, New York, 1970.
- KREYSZIG, E., *Advanced Engineering Mathematics*, Wiley, New York, 1967.

- KUEHNI, R. G., *Color*, Wiley, New York, 1997.
- LENGYEL, B. A., *Lasers, Generation of Light by Stimulated Emission*, Wiley, New York, 1962.
- LENGYEL, B. A., *Introduction to Laser Physics*, Wiley, New York, 1966.
- LEVI, L., *Applied Optics*, Wiley, New York, 1968.
- LEVINSON, M. D. and S. S. KANO, *Introduction to Nonlinear Laser Spectroscopy*, Academic Press, New York, 1988.
- LIPSON, S. G. and LIPSON, H. and D. S. TANNHAUSER, *Optical Physics*, Cambridge University Press, London, (3rd Ed.), 1995.
- LONGHURST, R. S., *Geometrical and Physical Optics*, Wiley, New York, 1967.
- LOUDON, R., *The Quantum Theory of Light*, Clarendon Press, Oxford, 1986.
- MACH, E., *The Principles of Physical Optics, An Historical and Philosophical Treatment*, Dover Publications, New York, 1926.
- MAGIE, W. F., *A Source Book in Physics*, McGraw-Hill, New York, 1935.
- MAIN, I. G., *Vibrations and Waves in Physics*, Cambridge University Press, Cambridge, (3rd Ed.), 1993.
- MALACARA, D., *Optical Shop Testing*, Wiley, New York, 1978.
- MANDEL, L. and E. WOLF, *Optical Coherence and Quantum Optics*, Cambridge University Press, Cambridge, 1995.
- MARION, J. and M. HEALD, *Classical Electromagnetic Radiation*, Academic Press, New York, 1980.
- MARTIN, L. C. and W. T. WELFORD, *Technical Optics*, Sir Isaac Pitman & Sons, Ltd., London, 1966.
- MATVEEV, A. N., *Optics*, Mir Publishers, Moscow, 1988.
- MEYER, C. F., *The Diffraction of Light, X-rays and Material Particles*, University of Chicago Press, Chicago, 1934.
- MEYER-ARENDE, J. R., *Introduction to Classical and Modern Optics*, Prentice-Hall, Englewood Cliffs, N.J., 1972.
- MEYSTRE, P. and M. SARGENT III, *Elements of Quantum Optics*, Springer-Verlag, Berlin, 1990.
- MICKELSON, A. A., *Light Waves and Their Uses*, University of Chicago Press, Chicago, 1902.
- MICKELSON, A. A., *Studies in Optics*, University of Chicago Press, Chicago, 1927.
- MICKELSON, A. R., *Physical Optics*, Van Nostrand Reinhold, New York, 1992.
- MIDWINTER, J., *Optical Fibers for Transmission*, Wiley, New York, 1979.
- Military Standardization Handbook—Optical Design*, MIL-HDBK-141, 5 October 1962.
- MILONNI, P. W. and J. H. EBERLY, *Lasers*, Wiley, New York, 1988.
- MINNAERT, M., *The Nature of Light and Colour in the Open Air*, Dover Publications, New York, 1954.
- MÖLLER, K. D., *Optics*, Wiley, New York, 1988.
- MORGAN, J., *Introduction to Geometrical and Physical Optics*, McGraw-Hill, New York, 1953.
- MUIRDEN, J., *Beginner's Guide to Astronomical Telescope Making*, Pelham Books Ltd., London, 1975.
- NEWELL, A. C. and J. V. MOLONEY, *Nonlinear Optics*, Addison-Wesley, Reading, Mass., 1992.
- NEWTON, I., *Optiks*, Dover Publications, New York, 1952 (1704).
- NOAKES, G. R., *A Text-Book of Light*, Macmillan, London, 1944.
- NUSSBAUM, A., *Geometric Optics: An Introduction*, Addison-Wesley, Reading, Mass., 1968.
- NUSSBAUM, A. and R. PHILLIPS, *Contemporary Optics for Scientists and Engineers*, Prentice-Hall, Englewood Cliffs, N.J., 1976.
- OKOSHI, T., *Optical Fibers*, Academic Press, New York, 1982.
- O'NEILL, E. L., *Introduction to Statistical Optics*, Addison-Wesley, Reading, Mass., 1963.
- O'SHEA, D., W. CALLEN, and W. RHODES, *Introduction to Lasers and Their Applications*, Addison-Wesley, Reading, Mass., 1977.
- O'SHEA, D. C., *Elements of Modern Optical Design*, Wiley, New York, 1985.
- PALMER, C. H., *Optics, Experiments and Demonstrations*, Johns Hopkins University Press, Baltimore, Md., 1962.
- PAPOULIS, A., *The Fourier Integral and Its Applications*, McGraw-Hill, New York, 1962.
- PAPOULIS, A., *Systems and Transforms with Applications in Optics*, McGraw-Hill, New York, 1968.
- PEARSON, J. M., *A Theory of Waves*, Allyn and Bacon, Boston, 1966.
- PERSONICK, S. D., *Optical Fiber Transmission Systems*, Plenum Press, New York, 1981.
- PLANCK, M. and M. MASIUS, *The Theory of Heat Radiation*, Blakiston, Philadelphia, 1914.
- PRESTON, K., *Coherent Optical Computers*, McGraw-Hill, New York, 1972.
- ROBERTSON, E. R. and J. M. HARVEY, eds., *The Engineering Uses of Holography*, Cambridge University Press, London, 1970.
- ROBERTSON, J. K., *Introduction to Optics Geometrical and Physical*, Van Nostrand, Princeton, N.J., 1957.
- RONCHI, V., *The Nature of Light*, Harvard University Press, Cambridge, Mass., 1971.
- ROSSI, B., *Optics*, Addison-Wesley, Reading, Mass., 1957.
- RUECHARDT, E., *Light Visible and Invisible*, University of Michigan Press, Ann Arbor, Mich., 1958.
- SAFFORD, E. L. JR. and J. A. McCANN, *Fiberoptics and Lasers*, TAB Books, Blue Ridge Summit, PA, 1988.
- SALEH, B. E. A. and M. C. TEICH, *Fundamentals of Photonics*, Wiley, New York, 1991.
- SANDBANK, C. P., *Optical Fibre Communication Systems*, Wiley, New York, 1980.
- SANDERS, J. H., *The Velocity of Light*, Pergamon, Oxford, 1965.
- SARGENT, M., M. SCULLY, and W. LAMB, *Laser Physics*, Addison-Wesley, Reading, Mass., 1974.
- SCHAWLOW, A. L., intr., *Lasers and Light; Readings from Scientific American*, Freeman, San Francisco, 1969.
- SCHRÖDINGER, E. C., *Science Theory and Man*, Dover Publications, New York, 1957.
- SCHROEDER, D. J., *Astronomical Optics*, Academic Press, New York, 1987.

- SEARS, F. W., *Optics*, Addison-Wesley, Reading, Mass., 1949.
- SHAMOS, M. H., ed., *Great Experiments in Physics*, Holt, New York, 1959.
- SHANNON, R. R., *The Art and Science of Optical Design*, Cambridge University Press, Cambridge, 1997.
- SHURCLIFF, W. A., *Polarized Light: Production and Use*, Harvard University Press, Cambridge, Mass., 1962.
- SHURCLIFF, W. A. and S. S. BALLARD, *Polarized Light*, Van Nostrand, Princeton, N.J., 1964.
- SILVAST, W. T., *Laser Fundamentals*, Cambridge University Press, Cambridge, 1996.
- SILVERMAN, M. P., *Waves and Grains*, Princeton University Press, Princeton, N.J., 1998.
- SIMMONS, J. and M. GUTTMANN, *States, Waves and Photons: A Modern Introduction to Light*, Addison-Wesley, Reading, Mass., 1970.
- SINCLAIR, D. C. and W. E. BELL, *Gas Laser Technology*, Holt, Rinehart and Winston, New York, 1969.
- SLAYTER, E. M., *Optical Methods in Biology*, Wiley, New York, 1970.
- SMITH, F. and J. THOMSON, *Optics*, Wiley, New York, 1971.
- SMITH, G. and D. A. Atchison, *The Eye and Visual Optical Instruments*, Cambridge University Press, Cambridge, 1997.
- SMITH, H. M., *Principles of Holography*, Wiley, New York, 1969.
- SMITH, W. J., *Modern Optical Engineering*, McGraw-Hill, New York (2nd ed.), 1990.
- Société Française de Physique, ed., *Polarization, Matter and Radiation. Jubilee Volume in Honor of Alfred Kastler*, Presses Universitaires de France, Paris, 1969.
- SOMMERFELD, A., *Optics*, Academic Press, New York, 1964.
- SOUTHALL, J. P. C., *Mirrors, Prisms and Lenses*, Macmillan, New York, 1933.
- SOUTHALL, J. P. C., *Introduction to Physiological Optics*, Dover Publications, New York, 1937.
- STARK, H., *Applications of Optical Fourier Transforms*, Academic Press, New York, 1982.
- STEWARD, E., *Fourier Optics: An Introduction*, Wiley, New York (2nd ed.), 1987.
- STONE, J. M., *Radiation and Optics*, McGraw-Hill, New York, 1963.
- STROKE, G. W., *An Introduction to Coherent Optics and Holography*, Academic Press, New York, 1969.
- STRONG, J., *Concepts of Classical Optics*, Freeman, San Francisco, 1958.
- SUITER, H. R., *Star Testing Astronomical Telescopes*, Willmann-Bell, Richmond, Va., 1999.
- SVELTO, O., *Principles of Lasers*, Plenum Press, New York, 1977.
- SYMON, K. R., *Mechanics*, Addison-Wesley, Reading, Mass., 1960.
- TARASOV, L. V., *Laser Age in Optics*, Mir Publishers, Moscow, 1981.
- TOLANSKY, S., *An Introduction to Interferometry*, Longmans, Green, London, 1955.
- TOLANSKY, S., *Curiosities of Light Rays and Light Waves*, American Elsevier, New York, 1965.
- TOLANSKY, S., *Multiple-Beam Interferometry of Surfaces and Films*, Oxford University Press, London, 1948.
- TOLANSKY, S., *Revolution in Optics*, Penguin Books, Baltimore, Md., 1968.
- TOWNE, D. H., *Wave Phenomena*, Addison-Wesley, Reading, Mass., 1967.
- TROUP, G., *Optical Coherence Theory*, Methuen, London, 1967.
- VALASEK, J., *Optics, Theoretical and Experimental*, Wiley, New York, 1949.
- VAN Albada, L. E. W., *Graphical Design of Optical Systems*, Sir Isaac Pitman & Sons, London, 1955.
- VAN de HULST, H. C., *Light Scattering by Small Particles*, Dover Publications, New York, 1981.
- VAN HEEL, A. C. S., ed., *Advanced Optical Techniques*, American Elsevier, New York, 1967.
- VAN HEEL, A. C. S. and C. H. F. VELZEL, *What Is Light?*, McGraw-Hill, New York, 1968.
- VASICEK, A., *Optics of Thin Films*, North-Holland, Amsterdam, 1960.
- WAGNER, A. F., *Experimental Optics*, Wiley, New York, 1929.
- WALDRON, R., *Waves and Oscillations*, Van Nostrand, Princeton, N.J., 1964.
- WEBB, R. H., *Elementary Wave Optics*, Academic Press, New York, 1969.
- WILLIAMS, W. E., *Applications of Interferometry*, Methuen, London, 1941.
- WILLIAMSON, S. and H. CUMMINS, *Light and Color in Nature and Art*, Wiley, New York, 1983.
- WILSON, R. G., *Fourier Series and Optical Transform Techniques in Contemporary Optics*, Wiley, New York, 1995.
- WOLF, E., ed., *Progress in Optics*, North-Holland, Amsterdam.
- WOLF, H. F., ed., *Handbook of Fiber Optics: Theory and Applications*, Garland STPM Press, 1979.
- WOOD, R. W., *Physical Optics*, Dover Publications, New York, 1934.
- WRIGHT, D., *The Measurement of Color*, Van Nostrand, New York, 1971.
- YARIV, A., *Quantum Electronics*, Wiley, New York, 1967.
- YOUNG, H. D., *Fundamentals of Optics and Modern Physics*, McGraw-Hill, New York, 1968.
- YOUNG, M., *Optics and Lasers*, Springer-Verlag, Berlin, 1986.
- Zajonc, A., *Catching the Light*, Oxford University Press, New York, 1993.
- ZIMMER, H., *Geometrical Optics*, Springer-Verlag, Berlin, 1970.