Chapter 1:

Boorstin, Daniel J. *The Discoverers*. New York: Random House, 1983.

Boorstin, Daniel J. *The Creators*. New York: Random House, 1992.

Feldman, Antony, and Gunston, Bill. *Technology at Work*. London: Aldus Books Limited, 1980.

Field, George B., and Chaisson, Eric J. *The Invisible Universe: Probing the Frontiers of Astrophysics.* Boston: Birkhauser, 1985.

Ferris, Timothy. *The World Treasury of Physics, Astronomy, Mathematics.* Boston: Little, Brown and Company, 1991.

Hartmann, William K. *Astronomy: The Cosmic Journey*, 3rd edition. California: Wadsworth Publishing Company.

Hawking, Stephen W. A Brief History of Time from the Big Bang to Black Holes. New York: Bantam Books, 1988.

Gillespie, Ronald J. Chemistry. Boston: Allyn and Bacon Inc., 1986.

Gregory, Richard L. Eye and Brain: The Psychology of Seeing, 4th edition. Princeton, NJ: Princeton University Press, 1990.

Grube, G.M.A. *Plato: Five Dialogues*. Indianapolis, Indiana: Hackett Publishing Company, 1981.

Long, George. *The Meditations of Marcus Aurelius*. Danbury, CT: Grolier Enterprises Corp. Mckeon, Richard. *Introduction to Aristotle*. New York: Random House, 1947.

Moore, Patrick, and Hunt, Gary. Atlas of the Solar System. New York: Rand McNally, 1984.Ryer, Alexander. Light Measurement Handbook. Newburyport, MA: International Light, 1997.

Sagan, Carl. Cosmos. New York: Random House, 1980.

Trefil James S. Space, Time, Infinity. New York: Pantheon Books, Smithsonian Books, 1985.

Wertenbaker, Lael. The Eye: Window to the World. New York, Toronto: Torstar Books, 1984.

Zukav, Gary. The Dancing Wu Li Masters. New York: William Morrow and Company Inc., 1979.

Chapter 2

Alcock, John. *Animal Behavior: An Evolutionary Approach*, 4th edition. Sunderland, MA: Sinauer Associates Inc., 1989.

Allman, William F. "Mindworks," Science86, pp. 15-23, May 1986.

Bolger, Oliver. Histology of the Eye. Lecture notes, MCV/VCU, 1998.

Brou, Philippe; Sciascia, Thomas; Linden, Lynette; and Lettvin, Jerome. "The Colors of Things," *Scientific American*, pp. 84–91, September 1986.

Clayman, Charles B. *American Medical Association Family Medical Guide*, 3rd edition. New York: Random House, 1994.

Campbell, Neil A. *Biology,* 2nd edition. Redwood City, CA: Benjamin Cummings Publishing Company Inc., 1990.

Committee on Vision. Advances in Modularity of Vision: Selections from a Symposium on Frontiers of Visual Science. Commission on Behavioral and Social Sciences and Education, National Research Council, 1990.

Goldstein, Michael Joseph. *Abnormal Psychology*. Boston: Little Brown and Company, 1986. Gray, Henry. *Anatomy, Descriptive and Surgical*. Philadelphia: Running Press, 1974.

Guinness, Almae. *ABCs of the Human Mind: A Family Answer Book*. New York: The Reader's Digest Association Inc., 1990.

Hilgard, Ernest R. Introduction to Psychology. Orlando, FL: Harcourt Brace Javanovich, 1987.

Howard, Darlene. *Cognitive Psychology: Memory, Language and Thought*. New York: Macmillan Publishing Co. Inc., London: Collier Macmillan Publishers, 1983.

Kalat, James W. *Biological Psychology*, 3rd edition. Belmont, CA: Wadsworth Publishing Company, 1986.

Maslad, Richard H. "The Functional Architecture of the Retina," *Scientific American*, pp. 102–111, December 1986.

Matthews, Gary G. *Cellular Physiology of Nerve and Muscle*, 2nd edition. Boston: Blackwell Scientific Publications.

Montgomery, Geoffrey. "The Mind's Eye," Discover, pp. 51–56, May 1991.

Restak, Richard M. The Mind. New York: Bantam Press, 1988.

Schnapf, Jude L. and Baylor, Denis A. "How Photoreceptor Cells Respond to Light," *Scientific American*, p. 40–47, April 1987.

Shepard, D.L. *Psychology: The Science of Human Behavior*. Chicago: Science Research Associates Inc., 1977.

Slater, P. J. B. An Introduction to Ethology. New York: Press Syndicate of the University of Cambridge, Cambridge University Press, 1985.

Stewart, Doug. "Interview With David Hubel," *Omni*, pp. 74–79, 98–110, February 1990. Stryer, Lubert. "The Molecules of Visual Excitation," *Scientific American*, pp. 42–50, July 1987.

Treisman, Anne. Features and Objects in Visual Processing, Scientific American, November 1986 p.114b-125

Vander, Arthur J. *Human Physiology: The Mechanism of Body Function*, 5th edition. New York: McGraw Hill Publishing, 1990.

Watson, Andrew B. Visual Detection of Spatial Contrast Patterns: Evaluation of Five Simple Models. Moffett Field, CA: NASA Ames Research Center, 1999.

Whishaw, Ian, and Kolb, Bryan. Fundamentals of Human Nueropschology, 3rd edition. New York: W.H. Freeman and Company, 1990.

Wertenbaker, Lael. *The Eye: Window to the World.* New York: Torstar Books, 1984. *The Brain: Mystery of Matter and Mind.* New York: Torstar Books, 1984.

Chapter 3

- Alton, John. *Painting with Light*. Berkeley/Los Angeles, CA: University of California Press, 1995.
- Barnier, John. "The New Cyanotype: A Cure for the Blues," *Photo Techniques*, pp.12–15, January/February 1997.
- Benskin, Stephen. "The New ISO Standard: Black and White Film Speed: An Analysis," *Photo Techniques*, pp. 54–62, September/October 1995.
- Chapman, Robert. "Photochemistry," *Photo Techniques*, pp. 22–26, September/October 1996.
- Cohen, Debbie. Professional Photographic Illustration. Rochester, N.Y.: Silver Pixel Press, 1994.
- Darkroom and Creative Camera Techniques. *Mastering Black and White Photography, Volume I.* Annual Special. Darkroom and Creative Camera Techniques, 1995.
- Davis, Phil. "Variable Contrast Printing," *Photo Techniques*, pp. 40–48, September/October 1994.
- Davis, Phil. "Basic Techniques of Gum Printing Part I: History, Principles, Why It Works, and How to Do It," *Photo Techniques*, January/February 1996.
- Davis, Phil. "Techniques of Gum Printing, Part II," *Photo Techniques*, pp. 41–49, May/June 1996.
- Dollin, Stuart. *How to Make Movies With Your Home Video Camera*. New York: Pedigree Books, 1986.
- Donellon, Kevin. "A Brief Narrative History of Color Photography," *Photo Techniques*, pp. 22–31, October 1997.
- Gassan, Arnold. *Exploring Black And White Photography*. Dubuque, IA: Wm. C. Brown Publishers, 1989.
- Kachel, David. "Zone System Calibration Part I: A Conceptual Foundation," *Darkroom and Creative Camera Techniques*, pp. 34–38, September/October 1991.
- Kachel, David. "Zone System Calibration Part II: A New Method," *Darkroom and Creative Camera Techniques*, pp. 66–70, November/December 1991.
- Kachel, David. "Some Suggestions Towards a Modified Zone System Terminology," *Dark-room and Creative Camera Techniques*, pp. 26–29, January/February 1995.
- Kachel, David. "Advanced Zone System Color Filter Use Part II: Contrast and D.R. Changes," *Darkroom and Creative Camera Techniques*, September/October 1993.
- Kodak. *Print Your Own Pictures*. New York: Time-Life Books, The Kodak Library of Creative Photography, 1985.
- Malkiewicz, Kris J. Cinematography. New York: Fireside, 1989.

- Malkiewicz, Kris J. Film Lighting. New York: Fireside, 1992.
- Polemis, Spiros. "A Platinum/Palladium Practicum Part II: The Purist Approach," *Photo Techniques*, May/June 1996.
- Rowell, Galen. *Galen Rowell's Vision: The Art of Adventure Photography*. San Francisco: Sierra Club Books, 1993.
- Stokes, Orvil. "B&W Zone System for Roll Films," *Camera and Darkroom*, p. 20, March 1994.
- Strain, James A. "A Platinum/Palladium Practicum Part I: Getting Started With Palladio," *Photo Techniques*, pp. 19–25, March/April 1997.
- Upton, Barbara London, and Upton, John. *Photography*, 4th edition. Boston: Scott, Foresman and Company.

Chapter 4

- Bloj, M.G.; Kersten, D.; and Hurlbert, A.C. "Perception of Three-Dimensional Shape Influences Colour Perception Through Mutual Illumination," *Nature*, December 1999 (Physiological Sciences, Medical School, Newcastle upon Tyne, NE2 4HH, UK).
- Gregory, Richard L. *Eye and Brain: The Psychology of Seeing*, 4th edition. Princeton, NJ: Princeton University Press, 1990.
- Holzshuch, Nicolas. *Color Fidelity and Color Spaces*. Lecture notes, Cape Town, SA: University of Cape Town Press.
- Kendrick, Donald F. Psychology of Perception. Lecture Four, MTSU.
- Kodak. *Mastering Color*. New York: Time-Life Books, The Kodak Library of Creative Photography, 1985.
- Kodak. *Make Color Work For You*. New York: Time-Life Books, The Kodak Library of Creative Photography, 1985.
- Kodak. Set Up Your Home Studio. New York: Time-Life Books, The Kodak Library of Creative Photography, 1985.
- Kodak. *Print Your Own Pictures*. New York: Time-Life Books, The Kodak Library of Creative Photography, 1985.
- Morovic, Jan. *To Develop a Universal Gamut Mapping Algorithm*. Ph.D. thesis. University of Derby, 1998.
- Poulin, Pierre, and Fournier, Alain. *A Model for Anisotropic Reflection*. Department of Computer Science, University of Toronto, Ontario, Canada.
- Wolinsky, Carol. "The Quest For Color," *National Geographic*, pp. 72–93, July 1999. Chapter 5
- Arvo, James. Backward Ray Tracing. Chelmsford MA: Apollo Computer Inc., 1986.
- Christensen, Per Henrik. *Hierarchical Techniques for Glossy Global Illumination*. Ph.D. dissertation, University of Washington, 1995.
- Franks, Steve. *Graphics and Multimedia*. Lecture notes. University of Waikato Computer Science Department, 1997.
- Greenberg, Donald; Torrance, Kenneth; Shirley, Peter; Arvo, James; Lafortune, Eric; Ferweda, James A.; Walter, Bruce; Trumbore, Ben; Pattanaik, Sumanta; and Foo, Sing-

Choong. A Framework for Realistic Image Synthesis. Cornell University Program of Computer Graphics.

- Heckbert, Paul S. *Introduction to Global Illumination*. New York : Global Illumination Course, ACM SIGGGRAPH, 1992.
- Heckbert, Paul S. *Discontinuity Meshing for Radiosity*. Department of Technical Mathematics & Informatics, Delft University of Technology, 1992.
- Holzshuch, Nicolas. 3D Objects Representation and Data Structure. Lecture notes. Cape Town, SA: University of Cape Town.
- Holzshuch, Nicolas. *Introduction to Computer Graphics*. Lecture notes. Cape Town, SA: University of Cape Town.
- Holzshuch, Nicolas. *Illumination, Phong, Gouraud*. Lecture notes. Cape Town, SA: University of Cape Town.
- Holzshuch, Nicolas. *Spline Curves*. Lecture notes. Cape Town, SA: University of Cape Town. Holzshuch, Nicolas. *Spline Surfaces*. Lecture notes. Cape Town, SA: University of Cape
- Holzshuch, Nicolas. *Visible Surface Determination*. Lecture notes. Cape Town, SA: University of Cape Town.
- Holzshuch, Nicolas. *The Radiosity Method*. Lecture notes. Cape Town, SA: University of Cape Town.
- Holzshuch, Nicolas. *Radiosity: Making it Practical*. Lecture notes. Cape Town, SA: University of Cape Town.
- Holzshuch, Nicolas. *Ray Tracing*. Lecture notes. Cape Town, SA: University of Cape Town. Larson, Gregory Ward. *A Visibility Matching Tone Reproduction Operator For High Dynamic Range Scenes*. Regents of the University of California, 1997.
- Lischinski, Daniel. Accurate and Reliable Algorithms for Global Illumination. Ph.D. thesis dissertation, Graduate School of Cornell University.
- Ponyton, Charles. A Guided Tour of Color Space. San Francisco: Edited version of Foundations for Video Technology. Proceedings of the SMPTE Advanced Television and Electronic Imaging Conference, 1995.
- Ryer, Alexander. *Light Measurement Handbook*. Newburyport, MA: International Light, 1997.
- Slusallek, Phillip. *Photorealistic Rendering: Recent Trends and Developments*. Malden, MA: Blackwell Publishers, 1997.
- Matkovic, Kresimir; Nuemann, Laszlo; and Purgathofer, Werner. *A Survey of Tone Mapping Techniques*. Institute of Computer Graphics, Vienna University of Technology.
- Matkovic, Kresimir, and Nuemann, Laszlo. *Interactive Calibration of the Mapping of Global Illumination Values to Display Devices*. Budapest: Institute of Computer Graphics, Technical University Vienna..

Chapter 6

Town.

"Icons," American Photo, May/June 2000.

"Hollywood," American Photo, special issue, March/April 1999.

"Masterpieces of Cinema," American Photo, May/June 1995.

"Models," American Photo, May/June 1993.

"Euro Style," American Photo, March/April 1992.

"Triumph of Photography," American Photo, January/February 1992.

"Fashion," American Photo, March/April 1991.

"Advertising Photography," American Photo, July/August 1990.

Appleford, Steve. "Phil Stern: The C&D Interview," *Camera and Darkroom*, pp. 22–31, April 1994.

Bidner, Jenni. "10 Lighting Setups," Petersen's Photographic, pp. 18–23, June 1994.

Brierly, Dean. "Sid Avery: Transforming the Hollywood Icon," *Camera and Darkroom*, p. 32–41, April 1994.

Galuzzo, Tony. "Recreating 'Natural' Light," Shutterbug, pp. 125–127, September 1993.

Gassan, Arnold. *Exploring Black And White Photography*. Dubuque, Iowa: Wm. C. Brown Publishers, 1989.

Kodak. *The Art of Portraits and the Nude*. New York: Time-Life Books, The Kodak Library of Creative Photography, 1985.

Kodak. Set Up Your Home Studio. New York: Time-Life Books, The Kodak Library of Creative Photography, 1985.

Meehan, Joseph. "The Lighting Stall: Setting It Up and Using It," *Petersen's Photographic, pp. 72–74*, July 1993.

Ryer, Alexander. *Light Measurement Handbook*. Newburyport, MA: International Light, 1997.

"Portraiture," Shutterbug, October 1995.

Upton, Barbara London, and Upton, John. *Photography*, 4th edition. Boston: Scott, Foresman and Company.

Chapter 7

Alton, John. *Painting with Light*. Berkeley/Los Angeles, CA: University of California Press, 1995.

Malkiewicz, Kris J. Cinematography. New York: Fireside, 1989.

Malkiewicz, Kris J. Film Lighting. New York: Fireside, 1992.

Chapter 8

Cohen, Debbie. *Professional Photographic Illustration*. Rochester, NY: Silver Pixel Press, 1994. Lightscape Technologies Inc. *Lightscape Visualization System 3.0 User's Guide*. San Jose, CA: Lightscape Technologies Inc., 1996.

Autodesk Inc. Lightscape Release 3.2 User's Guide. Autodesk Inc., 1999.

Pearman, Hugh. Contemporary World Architecture. London: Phaidon Press Limited, 1998.

Shames, Laurence. "In Search of High Performance Actual," *American Photographer*, pp. 50–61, November 1987.