

## BIBLIOGRAPHY FOR VOLUMES I-VI

1. Ambarzumian, V. A., "Diffuse reflection of light by a foggy medium" *Compt. rend. (Doklady) Acad. Sci. U.R.S.S.* 38, 229 (1943).
2. Ambarzumian, V. A., "On the problem of the diffuse reflection of light," *J. Phys. Acad. Sci. U.S.S.R.* 8, 65 (1944).
3. *American Institute of Physics Handbook* (McGraw-Hill, New York, 1957).
4. American Standards Association, "Nomenclature, for radiometry and photometry (Z58.1.1-1953)," *J. Opt. Soc. Am.* 43, 809 (1953).
5. Armed Forces NRC Vision Committee, *Minutes and Proceedings. 23rd Meeting*, pp. 123-126 (March 1949).
6. Atkins, W.R.G., and Poole, H. H., "The angular scattering of blue, green and red light by sea water," *Sci. Proc. Roy. Dublin Soc.* 26, 313 (1954).
7. Austin, R. W., *Water Clarity Meter, Operating and Maintenance Instructions*, (Scripps Inst. of Ocean. Ref. 59-9, University of California, San Diego, 1959).
8. Barber, E., *Radiometry and Photometry of the Moon and Planets*, (Literature Search No. 345, Nat. Aero. and Space Adm., Contract NASw-6, Jet Propulsion Laboratory, California Institute of Technology, Pasadena, September 1961).
9. Barber, N. F., *Measurement of Sea Conditions by the Motion of a Floating Buoy*, (Adm. Res. Lab. Report 103.40/N.2/w. 1946).
10. Batchelor, G. K., *The Theory of Homogeneous Turbulence*, (Camb. Univ. Press 1953).
11. Beach, L. A., et al., *Comparison of Solutions to the One-Velocity Neutron Diffusion Problem* (Naval Res. Lab. Report 5052 December 23, 1957).
12. Beebe, W., *Beneath Tropic Seas* (Blue Ribbon Books, New York, 1928).
13. Bellman, R., and Kalaba, R., "On the principle of invariant imbedding and propagation through inhomogeneous media," *Proc. Natl. Acad. Sci.* 42, 629(1956).

14. Bellman, R., and Kalaba, R., "On the principle of invariant imbedding and diffuse reflection from cylindrical regions," *Proc. Natl. Acad. Sci.* 43, 514 (1957).
15. Bellman, R. E., Kalaba, R. E., and Prestrud, M. C., *Invariant Imbedding and Radiative Transfer on Slabs of Finite Thickness* (American Elsevier Pub. Co., New York, 1963).
16. Bellman, R. E., Kagiwada, H. H., Kalaba, R. E., and Prestrud, M. C., *Invariant Imbedding and Time-Dependent Transport Processes* (American Elsevier Pub. Co., New York, 1964).
17. Bellman, R. E., Kalaba, R. E., and Wing, G. M., "Invariant imbedding and neutron transport theory," *J. Math. and Mech.* I, 149(1958); II, 741 (1958); III, 249(1959).
18. Benford, F., "Reflection and transmission by parallel plates," *J. Opt. Soc. Am.* 7, 1017 (1923).
19. Benford, F., "Transmission and reflection by a diffusing medium," *Gen. Elec. Rev.* 49, 46(1946).
20. Benford, F., "Radiation in a diffusing medium," *J. Opt. Soc. Am.* 36, 524 (1946).
21. Berry, A. C., "The Fourier transform theorem," *J. Math. and Phys.* 8, 106(1929).
22. Birkhoff, G., *Hydrodynamics: A Study in Logic, Fact and Similitude* (Princeton Univ. Press, Princeton, N.J., 1960), rev. ed.
23. Birkhoff, G., and Rota, G., *Ordinary Differential Equations* (Ginn and Co., New York, 1962).
24. Blackman, R. B., and Tukey, J. W., *The Measurement of Power Spectra from the Point of View of Communications Engineering* (Dover Pub., Inc., New York, 1958).
25. Blake, L. V., "Reflection of radio waves from a rough sea," *Proc. I.R.E.* 38, 301 (1950).
26. Boileau, A. R., *Atmospheric Optical Measurements During High Altitude Balloon Flight*, parts I, II, III, IV (Scripps Inst. of Ocean. Refs. 59-32, 61-1, 61-2, 61-3, University of California, San Diego, December 1959, July 1961, July 1961, December 1961).
27. Boldyrev, N. G., and Alexandrov, A., "On the lightfield in light-scattering media," (in Russian), *Trans. Opt. Inst. Leningrad* 6, (No. 59), 1 (1931), and 11 (No. 99), 56 (1936).
28. Bouguer, P., *Optical Treatise on the Gradation of Light* (Paris, 1760, trans. by W. E. K. Middleton, Univ. of Toronto Press, Toronto, 1961).

29. Bracewell, R., *The Fourier Transform and Its Applications* (McGraw-Hill, New York, 1965).
30. Brand, L., *Vector and Tensor Analysis* (John Wiley and Sons, New York, 1947).
31. Bremerman, H., *Distributions, Complex Variables, and Fourier Transforms* (Addison-Wesley Pub. Co., Reading, Mass., 1965).
32. Bretschneider, C. L., "The generation and decay of wind waves in deep water," *Trans. Am. Geophys. Union* 33, 381 (1952).
33. Bretschneider, C. L., *Wave Variability and Wave Spectra for Wind-Generated Gravity Waves* (Beach Erosion Board, Corps of Engineers, Tech. Memo. 118, 1959).
34. Bretschneider, C. L., "One-dimensional gravity wave spectrum" in *Ocean Wave Spectra* (Prentice Hall, Englewood Cliffs, N.J., 1963), p. 41.
35. Brown, D. R. E., *Natural Illumination Charts* (Report No. 374-1, Proj. NS 714-100, Bureau of Ships, Dept. of the Navy, September 1952).
36. Burton, H. E., "The optics of Euclid," *J. Opt. Soc. Am.* 35, 357 (1945).
37. Busbridge, I. W., *The Mathematics of Radiative Transfer* (Cambridge Univ. Press, London, 1960).
38. Carslaw, H. S., *Introduction to the Theory of Fourier's Series and Integrals* (Dover Pub., Inc., New York, 1955).
39. Carslaw, H. S., and Jaeger, J. C., *Operational Methods in Applied Mathematics* (Dover Pub., Inc., New York, 1963).
40. Case, K. M., de Hoffman, F., and Placzek, G., *Introduction to the Theory of Neutron Diffusion* (Los Alamos Scientific Laboratory, Los Alamos, New Mexico, June 1953), vol. I.
41. Cashwell, E. D., and Everett, C. J., (*A Practical Manual on the*) *Monte Carlo Method for Random Walk Problems* (Pergamon Press, New York, 1959).
42. Chandrasekhar, S., "On the radiative equilibrium of a stellar atmosphere, II," *Astrophys. J.* 100, 76 (1944).
43. Chandrasekhar, S., *Radiative Transfer* (Oxford, 1950).
44. Channon, H. J., Renwick, F. F., and Storr, B. V., "The behaviour of scattering media in fully diffused light," *Proc. Roy. Soc. A* 94, 222 (1918).

45. Chase, J. et al., *The Directional Spectrum of a Wind-Generated Sea as Determined from Data Obtained by the Stereo Wave Observation Project* (N.Y.U. Coll. Eng. Research Division Report, July 1957).
46. Churchill, R. V., *Operational Mathematics* (McGraw-Hill, New York, 1958).
47. Coddington, E. N., and Levinson, N., *The theory of Ordinary Differential Equations* (McGraw-Hill, New York, 1955).
48. Cohen, E. G. D., "The Boltzmann equation and its generalization to higher densities," in *Fundamental Problems in Statistical Mechanics* (Interscience Pub., New York, 1962).
49. Committee on Colorimetry (Optical Society of America), "The psychophysics of color," *J. Opt. Soc. Am.* 34, 245 (1944).
50. Committee on Colorimetry (Optical Society of America), *The Science of Color* (Thomas Y. Crowell Co., New York, 1953).
51. Condas, G. A., "Maximum spectral luminous efficiency," *J. Opt. Soc. Am.* 54, 1168 (1964).
52. Cote, L. J., et al., *The Directional Spectrum of a Wind-Generated Sea as Determined from Data Obtained by the Stereo Wave Observation Project* (Met. Pap., N.Y.U. Coll. Eng. 2, No. 6, 1960).
53. Coulson, K. L., Dave, J. V., and Sekera, Z., *Tables Related to Radiation Emerging from a Planetary Atmosphere with Rayleigh Scattering* (Univ. of Calif. Press, Berkeley, 1960).
54. Cox, C., "Measurements of slopes of high-frequency wind waves," *J. Mar. Res.* 16, 199 (1958).
55. Cox, C., and Munk, W., *The Measurement of the Roughness of the Sea Surface from Photographs of the Sun's Glitter*, Parts I, II, III (Scripps Inst. of Ocean. Refs. 52-61, 53-53, 54-10, University of California, San Diego, 1952, 1953, 1954).
56. Cox, C., and Munk, W., "Measurement of the roughness of the sea surface from photographs of the sun's glitter," *J. Opt. Soc. Am.* 44, 838 (1954).
57. Cox, C., and Munk, W., "Statistics of the sea surface derived from sun glitter," *J. Mar. Res.* 13, 198 (1954).
58. Cox, C., and Munk, W., "Some problems in optical oceanography," *J. Mar. Res.* 14, 63 (1955).
59. Cramer, H., *Mathematical Methods of Statistics* (Princeton Univ. Press, Princeton, N.J., 1946).

60. Crapper, G. D., "An exact solution for progressive capillary waves of arbitrary amplitude," *J. Fluid Mech.* 2, 108 (1957).
61. Culver, W. H., *Description of a New Wave-Slope Meter* (Contract NObs-50274, Index Number NS 714-100, Visibility Laboratory, University of California, San Diego, March 1956). (Manuscript completed October 1959).
62. Davison, B., *Neutron Transport Theory* (Clarendon Press, Oxford, 1957).
63. Dawson, L. H., and Hulburt, E. O., "Angular distribution of light scattered in liquids," *J. Opt. Soc. Am.* 31, 554 (1941).
64. de Leonibus, P. S., "Power spectra of surface wave heights estimated from recordings made from a submerged hovering submarine," in *Ocean Wave Spectra* (Prentice Hall, Englewood Cliffs, N.J., 1963), p. 243.
65. Dietzius, R., "Die lichtdurchlassigkeit und die albedo von nebel und wolker," *Beitr. z. Physik d. Frei. Atm.* 10, 202 (1922).
66. Doob, J. L., *Stochastic Processes* (John Wiley and Sons, N.Y., 1953).
67. Dresner, L., "Isoperimetric and other inequalities in the theory of neutron transport," *J. Math. Phys.* 2, 829 (1961).
68. Drummeter, L. F., and Knestrick, G. L., *A High Resolution Investigation of the Relative Spectral Attenuation Coefficients of Water--Part I: Preliminary* (Report 5642, U.S. Naval Research Laboratory, May 24, 1961).
69. Duntley, S. Q., "The optical properties of diffusing materials," *J. Opt. Soc. Am.* 32, 61 (1942).
70. Duntley, S. Q., "The mathematics of turbid media," *J. Opt. Soc. Am.* 33, 252 (1943).
71. Duntley, S. Q., "The reduction of apparent contrast by the atmosphere," *J. Opt. Soc. Am.* 38, 179 (1948).
72. Duntley, S. Q., "The visibility of distant objects," *J. Opt. Soc. Am.* 38, 237 (1948).
73. Duntley, S. Q., "Measurements of the distribution of water wave slopes," *J. Opt. Soc. Am.* 44, 574 (1954).
74. Duntley, S. Q., *Examples of Water Clarity, I, II* (Visibility Laboratory, Univ. of California, San Diego, Report 3-7, Task 3, Contract NObs-72039 Bureau of Ships, May 1959; and Report 5-7, Task 5, same contract, June 1960).

75. Duntley, S. Q., *Improved Nomographs for Calculating Visibility by Swimmers (Natural Light)* (Visibility Laboratory, Univ. of California, San Diego, Report 5-3, Task 5, Contract NObs-72039, Bureau of Ships, February 1960).
76. Duntley, S. Q., *Measurements of the Transmission of Light from an Underwater Point Source* (Visibility Laboratory, Univ. of California, San Diego, Report 5-11, Task 5, Contract NObs-72039, Bureau of Ships, October 1960).
77. Duntley, S. Q., *Measurements of the Transmission of Light from an Underwater Source Having Variable Beam-Spread* (Scripps Inst. of Ocean. Ref. 60-57, University of California, San Diego, 1960).
78. Duntley, S. Q., "Light in the sea," *J. Opt. Soc. Am.* 53 214 (1963).
79. Duntley, S. Q., *Underwater Communication by Scattered Light* (Visibility Laboratory, University of California, San Diego, Report 5-12, Task 5 (Final Report), Contract NObs-72039, Bureau of Ships, September 1963).
80. Duntley, S. Q., Boileau, A. R., and Preisendorfer, R. W., "Image transmission through the troposphere, I," *J. Opt. Soc. Am.* 47, 499 (1957).
81. Duntley, S. Q., Culver, W. H., Richey, F., and Preisendorfer, R. W., "Reduction of contrast by atmospheric boil," *J. Opt. Soc. Am.* 53, 351 (1963).
82. Duntley, S. Q., and Preisendorfer, R. W., *The Visibility of Submerged Objects* (Final Report N5ori-07864, Visibility, Massachusetts Institute of Technology, 31 August 1952).
83. Duntley, S. Q., Tyler, J. E., and Taylor, J. H., *Field Test of a System for Predicting Visibility by Swimmers from Measurements of the Clarity of Natural Waters* (Scripps Inst. of Ocean. Ref. 59-39, University of California, San Diego, 1959).
84. DuPré, E. F., and Dawson, L. H., *Transmission of Light in Water: An Annotated Bibliography* (U.S. Naval Research Laboratory, Bibliography No. 20, April, 1961).
85. Eckart, C., *The Sea Surface and Its Effect on the Reflection of Sound and Light* (University of California, Div. of War Res. File Report, Contract NObs-2074, 20 March 1946).
86. Eckart, C., "The generation of wind waves on a water surface," *J. App. Phys.* 24, 1485 (1953).

87. Ehrenfeld, S., Goodman, N.R., et al., *Theoretical and Observed results for the Zero and Ordinate Crossing Problems of Stationary Gaussian Noise with Application to Pressure Records of Ocean Waves* (Tech. Report 1, Contract NObs-72018 (1734F), Bureau of Ships, New York Univ., Coll. Eng. Res. Div., 1958).
88. Elliott, J. P., "Milne's problem with a point source," *Proc. Roy. Soc., A*, 228, 424 (1955).
89. Erdelyi, A., *Operational Calculus and Generalized Functions* (Holt, Rinehart, Winston, New York, 1962).
90. Fano, V., "Gamma ray attenuation, part 1, basic proceses," *Nucleonics* 11, 8 (August 1953).
91. Feigelson, E. M., et al., *Calculation of the Brightness of Light in the Case of Aisotropic Scattering, Part 1* (translated from Transactions (Trudy) of the Inst. of Atm. Phys. No. 1, Consultants Bureau, Inc., New York, 1960).
92. Feynman, R. P., Leighton, R. B., and Sands, M., *The Feynman Lectures on Physics* (Addison-Wesley Pub. Co., Reading, Mass., 1965), vol. III, Quantum Mechanics.
93. Fourier, J., *The Analytical Theory of Heat* (Dover Publications, Inc., New York, 1955).
94. Fresnel, A. J., *Oeuvres Completes* (Paris, 1866), vol. 10, p. 640.
95. Friedman, B., *Principles and Techniques of Applied Mathematics* (Wiley and Sons, New York, 1956).
96. Gates, D.M., *Energy Exchange in the Biosphere* (Harper and Row, New York, 1962).
97. Gershun, A., "The passage of light through a plane lamina of light-diffusing material," *Trans. Opt. Inst. Leningrad* 11, (No. 99), 43 (1936).
98. Gershun, A., "The light field," (trans. by P. Moon and G. Timoshenko), *J. Math. and Phys.* 18, 51 (1939).
99. Goodman, N. R., *On the Joint Estimation of the Spectra, Co-spectra and Quadrature Spectra of a Two-Dimensional Stationary Gaussian Process* (Sci. Paper Ho. 10, New York Univ., Eng. Stat. Lab., 1957).
100. Gouy, G. L., "Sur le mouvement lumineux," *Jour. de Physique* 5, 354 (1886).
101. Grenander, U., and Rosenblatt, M., *Statistical Analysis of Stationary Time Series* (Wiley, New York, 1957).
102. Gurevic, M. M., "On a rational classification of light scattering media," (in Russian), *Trans. Opt. Inst. Leningrad* 6 (No. 57), 1 (1931).

103. Halmos, P. R., *Measure Theory* (D. Van Nostrand, New York, 1950).
104. Halmos, P. R., *Introduction to Hilbert Space* (Chelsea Pub. Co., New York, 1951).
105. Hasselmann, K., "On the nonlinear energy transfer in a wave spectrum," in *Ocean Wave Spectra* (Prentice Hall, Englewood Cliffs, New Jersey, 1963), p. 191.
106. Hasselmann, K., "On the nonlinear energy transfer in a gravity-wave spectrum" *J. Fluid Mech.* 15, 384 (1963).
107. Herman, M., and Lenoble, J., "Asymptotic Radiation in a Scattering and Absorbing Medium," *Proceedings of the Symposium on Interdisciplinary Aspects of Radiative Energy Transfer*, 24-26 February 1966 (Cosponsors: General Electric Co., Joint Inst. for Lab. Astrophys. of Univ. of Col., and Off. of Nav. Res.).
108. Herman, M., and Lenoble, J., "Etude du Régime Asymptotique dans une Milieu Diffusant et absorbant," *Revue d'Optique* 43, 555 (1964).
109. Hill, M. N., ed., *The Sea* (Interscience Pub., New York, 1962), Vol. I, Physical Oceanography.
110. Hille, E., and Phillips, R. S., *Functional Analysis and Semi-groups* (Amer. Math. Soc., Providence, R. I., 1957).
111. Hopf, E., *Mathematical Problems of Radiative Equilibrium* (Cambridge Univ. Press, 1934).
112. Hopkinson, R., "Measurements of sky luminance distribution at Stockholm," *J. Opt. Soc. Am.* 44, 455 (1954).
113. Hulburt, E. O., "The polarization of light at sea," *J. Opt. Soc. Am.* 24, 35 (1934).
114. Hulburt, E. O., "Propagation of radiation in a scattering-absorbing medium," *J. Opt. Soc. Am.* 33, 42 (1943).
115. Hulburt, E. O., "Optics of distilled and natural water," *J. Opt. Soc. Am.* 35, 698 (1945).
116. Ince, E. L., *Ordinary Differential Equations* (Dover Publications, Inc., New York, 1956).
117. Ivanoff, A., and Waterman, T. H., "Elliptical polarization of submarine illumination," *J. Mar. Res.* 16, 255 (1958).
118. Ivanoff, A., and Waterman, T. H., "Factors, mainly depth and wavelength, affecting the degree of underwater polarization," *J. Mar. Res.* 16, 283 (1958).
119. Jahnke, E., and Emde, F., *Tables of Functions with Formulae and Curves* (Dover Publications, Inc., New York, 1945).

120. Jeans, J. H., "The equations of radiative transfer of energy," *Monthly Not. Roy. Astron. Soc.* 78, 28 (1917).
121. Jeffreys, H., "On the formation of water waves by wind," *Proc. Roy. Soc. London* 107A, 189 (1925).
122. Jerlov, N. G., "Optical studies of ocean water," *Reports of the Swedish Deep-Sea Expedition* 3, 1 (1951).
123. Jerlov, N. G., "Optical measurements in the eastern North Atlantic," *Discovery II exp. of August and September 1959*, *Medd. Oceanogr. Inst. Göteborg* 30, 1 (1961).
124. Jerlov, N. G., ed., *Symposium on Radiant Energy in the Sea*, International Union of Geodesy and Geophysics, Helsinki Meeting, August 1960 (L'Institut Géographique National, Monograph No. 10, Paris, 1961).
125. Jerlov, N. G., "Optical oceanography," *Oceanogr. Mar. Biol. Ann. Rev.* 1, 89 (1963). See also: *Optical Oceanography* (Elsevier Publishing Co., N.Y., 1968).
126. Jerlov, N. G., "Factors influencing the colour of the oceans," in *Studies on Oceanography* (1964), p. 260.
127. Jerlov, N.G., "Optical classification of ocean water," in *Physical Aspects of Light in the Sea* (Univ. of Hawaii Press, 1964), J. E. Tyler, ed.
128. Johnson, F. S., "The solar constant," *J. Met.* 11, 431 (1954).
129. Johnson, J. W., and Rice, E. K., "A laboratory investigation of wind-generated waves," *Trans. Am. Geophys. Un.* 33, 845 (1952).
130. Jones, R. C., "Terminology in photometry and radiometry," *J. Opt. Soc. Am.* 53, 1314 (1963).
131. Judd, D. B., "Fresnel reflection of diffusely incident light," *National Bureau of Standards Research Paper RP1504*, *J. of Res. of the N.B.S.* 29, 329 (1942).
132. Kalle, K., "What do we know about the 'Gelbstoff'?" *Symposium on Radiant Energy in the sea*, International Union of Geodesy and Geophysics, Helsinki Meeting, August 1960 (L'Institut Géographique National, Monograph No. 10, Paris, 1961).
133. Kampa, E. M., and Boden, B. P., "Light generation in a sonic-scattering layer," *Deep Sea Res.* 4, 73 (1957).
134. Kampé, de Fériet, J., "Statistical fluid mechanics: Two dimensional linear gravity waves," in *Partial Differential Equations and Continuum Mechanics* (Univ. of Wisconsin Press, Madison, Wisconsin, 1961), R. E. Langer, ed.

135. Khintchine, A., "Korrelationstheorie der stationären stochastischen prozesse," *Math. Ann.* 109, 604 (1934).
136. King, J. I. F., "Radiative equilibrium of a line-absorbing atmosphere, I," *Astrophys. J.* 121, 711 (1955).
137. King, J. I. F., "Radiative equilibrium of a line-absorbing atmosphere, II," *Astrophys. J.* 124, 272 (1956).
138. King, L. V., "On the scattering and absorption of light in gaseous media, with applications to the intensity of sky radiation," *Phil. Trans. A* 212, 375 (1913).
139. Kinsman, B., *Wind Waves (Their Generation and Propagation on the Ocean Surface)* (Prentice Hall, Englewood Cliffs, N.J., 1964).
140. Kolmogorov, A. N., and Fomin, S. V., *Elements of the Theory of Functions and Functional Analysis* (Graylock Press, Rochester, New York, 1957), vol. 1.
141. Koschmieder, H., "Theorie der horizontalen sichtweite," *Beitr. z. Phys. d. Frei. Atm.* 12, 33 (1924).
142. Kottler, F., "Turbid media with plane-parallel surfaces," *J. Opt. Soc. Am.* 50, 483 (1960).
143. Kourganoff, V., with the collaboration of I.W. Busbridge; *Basic Methods in Transfer Problems* (Oxford Univ. Press, London, 1952).
144. Kozlyaninov, M. V., "New instrument for measuring the optical properties of sea water," *Trudy Inst. Okeanol. Akad. Nauk, S.S.S.R.* 25, 134 (1957), (trans. available Off. Tech. Serv., U.S. Dept. of Comm., Washington, D.C.).
145. Kubelka, P., "New contributions to the optics of intensely light-scattering material," *J. Opt. Soc. Am.* 38, 448 (1948) and 44, 330 (1954).
146. Kubelka, P., and Munk, F., "Ein beitrag zur optik der farbanstriche," *Z. F. Tech. Physik* 12, 593 (1931).
147. Kuscer, I., "Milne's problem for anisotropic scattering," *J. Math. and Phys.* 34, 256 (1955).
148. Lake, H., "A comparison of the power law and a generalized logarithmic formula in micrometeorology," *Trans. Am. Geophys. Union* 33, 661 (1952).
149. Lamb, H., *Hydrodynamics* (Dover Pub. Co., Inc., New York, 1945), 6th ed.
150. Landé, A., *From Dualism to Unity to Quantum Physics* (Cambridge Univ. Press, 1960).
151. Landé, A., *New Foundations of Quantum Mechanics* (Cambridge Univ. Press, 1965).

152. Lee, Y. W., *Statistical Theory of Communication* (John Wiley and Sons, New York, 1963).
153. Le Grand, Y., *Light, Colour and Vision* (John Wiley and Sons, New York, 1957).
154. Lenoble, J., "Angular distribution of submarine daylight in deep water," *Nature* 178, 756 (1956).
155. Lenoble, J., "Application de la methode de Chandrasekhar a l'etude du rayonnement diffusé dans le Brouillard et dans la mer," *Rev. d'Optique* 35, 1 (1956).
156. Lenoble, J., "Etude theorique de la pénétration du rayonnement dans les milieux diffusants naturels," *Optica Acta* 4, 1 (1957).
157. Lenoble, J., "Theoretical study of transfer of radiation in the sea and verification on a reduced model," *Symposium on Radiant Energy in the Sea*, International Union of Geodesy and Geophysics, Helsinki Meeting, August 1960 (L'Institute Géographique National, Monograph No. 10, Paris, 1961).
158. Levy, H., and Roth, L., *Elements of Probability* (Oxford Univ. Press, 1936).
159. Lighthill, M. J., *Introduction to Fourier Analysis and Generalized Functions* (Cambridge Univ. Press, 1962).
160. Limbaugh, C., and Rechnitzer, A. B., "Visual detection of temperature-density discontinuities in water by diving," *Science* 121, 1 (1955).
161. Lock, R. C., "Hydrodynamic stability of the flow in the laminar boundary layer between parallel streams," *Proc. Camb. Phil. Soc.* 50, 105 (1954).
162. Loeve, M., *Probability Theory* (D. Van Nostrand Co., New York, 1955).
163. Longuet-Higgins, M. S., *Measurement of Sea Conditions by the Motion of a Floating Buoy. Detection of Predominant Groups of Swell* (Adm. Res. Lab. Report 103.40/N5, 1946).
164. Longuet-Higgins, M. S., "On the statistical distribution of the heights of sea waves," *J. Mar. Res.* 11, 245 (1952).
165. Longuet-Higgins, M. S., "Statistical properties of a moving wave form," *Proc. Camb. Phil. Soc.* 52, 234 (1956).
166. Longuet-Higgins, M. S., "The statistical analysis of a random moving surface," *Phil. Trans. Roy. Soc. A* 249, 321 (1957).

167. Longuet-Higgins, M. S., "A theory of the origin of microseisms," *Phil. Trans. Roy. Soc.* 243 A, 1 (1950).
168. Longuet-Higgins, M. S., "On the intervals between successive zeros of a random function," *Proc. Roy. Soc.* 246 A, 99 (1958).
169. Longuet-Higgins, M. S., Cartwright, D. E., and Smith, N. D., Observations on the directional spectrum of sea waves using the motions of a floating buoy," in *Ocean Wave Spectra* (Prentice Hall, Englewood Cliffs, N.J., 1963), p. 111.
170. Loomis, Lynn H., *An Introduction to Abstract Harmonic Analysis* (D. Van Nostrand Co., New York, 1953).
171. Luchka, A. Y., *The Method of Averaging Functional Corrections: Theory and Applications* (Academic Press, New York, 1965).
172. Mark, C., "The neutron density near a plane surface," *Phys. Rev.* 72, 558 (1947).
173. Malkus, J. S., "Large scale interactions," in *The Sea* (Interscience Pub., New York, 1962), M. N. Hill, ed., vol. I, Chapt. 4.
174. Mecke, R., "Über zerstreung und beugung des lihtes durch nebel und wolken," *Ann. der Physik* 65, 257 (1921).
175. Meghreblian, R. V., and Holmes, D. K., *Reactor Analysis* (McGraw-Hill, New York, 1960).
176. Meyer, H. A., (*Symposium on*) *Monte Carlo Methods* (Statistical Lab., University of Florida, March 1954).
177. Middleton, W. E. K., *Vision Through the Atmosphere* (Univ. of Toronto Press, 1952).
178. Middleton, W. E. K., "The color of the overcast sky," *J. Opt. Soc. Am.* 44, 793 (1954).
179. Miles, J., "On the generation of surface waves by shear flows," *J. Fluid Mech.* 3, 185 (1957).
180. Milne, E. A., "Thermodynamics of the stars," *Handbuch der Astrophysik* (Springer, Berlin, 1930), vol. 3, Chapt. 2.
181. Milne-Thomson, L. M., *Theoretical Hydrodynamics* (Macmillan Co., New York, 1960), 4th ed.
182. Minnaert, M., *The Nature of Light and Color in the Open Air* (Dover Pub., Inc., New York, 1954), trans. by H. M. Kremer-Priest, revised by K. E. Brian Jay.
183. Moon, P., "A table of Fresnel reflection," *J. Math. and Phys.* 19, 1 (1940).

184. Moon, P., "A system of photometric concepts," *J. Opt. Soc. Am.* 32, 348 (1942).
185. Moon, P., *The Scientific Basis of Illuminating Engineering* (Dover Pub., Inc., New York, 1961), rev. ed.
186. Moon, P., and Spencer, D. E., "Illumination from a non-uniform sky," *Illum. Eng.* 37, 707 (1942).
187. Moon, P., and Spencer, D. E., "Theory of the photic field," *Jour. Franklin Inst.* 255, 33 (1953).
188. Moon, P., and Spencer, D. E., "Some applications of the photic field theory," *Jour. Franklin Inst.* 255, 113 (1953).
189. Neumann, G., *On Ocean Wave Spectra and a New Method of Forecasting Wind-Generated Sea* (Beach Erosion Board, Corps of Engineers, Tech. Memo. 43, December 1952).
190. Neumann, G., and Pierson, W. J., *Principles of Physical Oceanography* (Prentice Hall, Englewood Cliffs, N.J., 1966).
191. *Ocean Wave Spectra*, Proceedings of a conference sponsored by the U.S. Naval Oceanographic Office and the National Academy of Sciences, National Research Council, May 1-4, 1961 (Prentice Hall, Englewood Cliffs, N.J., 1963).
192. Parke, N. G., *Statistical Optics: I Radiation* (M.I.T. Research Laboratory of Electronics Report 70, Cambridge, Mass., 1948).
193. Parke, N. G., *Statistical Optics: II Mueller Phenomenological Algebra* (M.I.T. Research Laboratory of Electronics Report 119, Cambridge, Mass. 1949).
194. Parke, N. G., "Optical algebra," *J. Math. and Phys.* 28, 131 (1949).
195. Phillips, O. M., "The irrotational motion outside a free turbulent boundary," *Proc. Camb. Phil. Soc.* 51, 220 (1955).
196. Phillips, O. M., "On the aerodynamic surface sound from a plane turbulent boundary layer," *Proc. Roy. Soc.* 234 A, 327 (1956).
197. Phillips, O. M., "On the generation of waves by turbulent wind," *J. Fluid Mech.* 2, 417 (1957).
198. Phillips, O. M., "The dynamics of random finite amplitude gravity waves," in *Ocean Wave Spectra* (Prentice Hall, Englewood Cliffs, N. J., 1963), p. 171.
199. Pierson, W. J., "Wind generated gravity waves," *Advances in Geophysics* (Academic Press, N. Y., 1955), H. E. Landsberg, ed., vol. II.

200. Pierson, W. J., *Models of Random Seas Based on the Lagrangian Equations of Motion* (N.Y.U. Coll. of Eng., Res. Div. April 1961).
201. Pierson, W. J., *Some New Unsolved Problems in Connection with Random Processes of Interest in Geophysics* (N.Y.U. Coll. of Eng., Res. Div., January 1962).
202. Pierson, W. J., and Marks, W., "The power spectrum analysis of ocean-wave records," *Trans. Am. Geophys. Union* 33, 834 (1952).
203. Pierson, W. J., and Moskowitz, L., *A Proposed Spectral Form for Fully Developed Wind Seas Based on the Similarity Theory of S. A. Kitaigorodskii* (N.Y.U. College of Engineering and Science, October 1963).
204. Pierson, W. J., and Neumann, G., "A detailed comparison of theoretical wave spectra and wave forecasting methods," *Deutsch Hydrographische Zeitschrift* Band 10, 73 and 134 (1957).
205. Pierson, W. J., Neumann, G., and James, R. W., *Practical Methods for Observing and Forecasting Ocean Waves by Means of Wave Spectra and Statistics* (N.Y.U. Coll. of Eng., Res. Div., Tech. Report No. 1, July 1953).
206. Pivovonsky, M., and Nagel, M. R., *Tables of Blackbody Radiation Functions* (Macmillan Co., New York, 1961).
207. Plancherel, M., "Sur les formules de reciprocité du type de Fourier," *J. London Math. Soc.* 8, 220 (1933).
208. Pontrjagin, L., *Topological Groups* (Princeton Univ. Press, Princeton, N. J., 1946).
209. Poole, H. H., "The angular distribution of submarine daylight in deep water," *Sci. Proc. Roy. Dublin Soc.* 24, 29 (1945).
210. Preisendorfer, R. W., *Lectures on Photometry, Hydrologic Optics, Atmospheric Optics* (Lecture Notes, vol. I, Visibility Laboratory, Scripps Inst. of Ocean., University of California, San Diego, Fall 1953).
211. Preisendorfer, R. W., *A Preliminary Investigation of the Transient Radiant Flux Problem* (Lecture Notes, vol. II, Visibility Laboratory, Scripps Inst. of Ocean., University of California, San Diego, February 1954).
212. Preisendorfer, R. W., "Apparent radiance of submerged objects," *J. Opt. Soc. Am.* 45, 404 (1955).
213. Preisendorfer, R. W., *Calculation of the Path Function. Theory and Numerical Example* (Contract NObs-50274, Index Number 714-100, Visibility Laboratory, University of California, San Diego, March 1956), (manuscript completed August 1954).

214. Preisendorfer, R. W., *A New Method for the Determination of the Volume Scattering Function in Environmental Optics* (Contract NObs-50274, Index Number 714-100, Visibility Laboratory, University of California, San Diego, March 1956), (manuscript completed 1954).
215. Preisendorfer, R. W., "Exact reflectance under a cardioidal luminance distribution," *Quart. J. Roy. Met. Soc.* 83, 540 (1957).
216. Preisendorfer, R. W., "A mathematical foundation for radiative transfer theory," *J. Math. and Mech.* 6, 685 (1957).
217. Preisendorfer, R. W., *A General Theory of Perturbed Light Fields, with Applications to Forward Scattering Effects in Beam Transmittance Measurements* (Scripps Inst. of Ocean. Ref. 58-37, University of California, San Diego, 1958).
218. Preisendorfer, R. W., *The Planetary Hydrosphere Problem* (Scripps Inst. of Ocean. Ref. 58-40, University of California, San Diego, 1957).
219. Preisendorfer, R. W., *The K-Method of Determining the Path Function* (Scripps Inst. of Ocean. Ref. 58-39, University of California, San Diego, 1958).
220. Preisendorfer, R. W., *The Divergence of the Light Field in Optical Media* (Scripps Inst. of Ocean. Ref. 58-41, University of California, San Diego, 1957).
221. Preisendorfer, R. W., *Unified Irradiance Equations* (Scripps Inst. of Ocean. Ref. 58-43, University of California, San Diego, 1957).
222. Preisendorfer, R. W., *Directly Observable Quantities for Light Fields in Natural Hydrosols* (Scripps Inst. of Ocean. Ref. 58-46, University of California, San Diego, 1958).
223. Preisendorfer, R. W., *Canonical Forms of the Equation of Transfer* (Scripps Inst. of Ocean. Ref. 58-47, University of California, San Diego, 1958).
224. Preisendorfer, R. W., *A Proof of the Asymptotic Radiance Hypothesis* (Scripps Inst. of Ocean. Ref. 58-57, University of California, San Diego, 1958).
225. Preisendorfer, R. W., *On the Existence of Characteristic Diffuse Light in Natural Waters* (Scripps Inst. of Ocean. Ref. 58-59, University of California, San Diego, 1958).
226. Preisendorfer, R. W., *Some Practical Consequences of the Asymptotic Radiance Hypothesis* (Scripps Inst. of Ocean. Ref. 58-60, University of California, San Diego, 1958).

227. Preisendorfer, R. W., *Photie Field Theory for Natural Hydrosols* (Scripps Inst. of Ocean. Ref. 58-66, University of California, San Diego, 1958).
228. Preisendorfer, R. W., and Harris, J. L., *The Contrast Transmittance Distribution as a Possible Tool in Visibility Calculations* (Scripps Inst. of Oceanography Ref. 58-68, University of California, San Diego, 1958).
229. Preisendorfer, R. W., and Tyler, J. E., *The Measurement of Light in Natural Waters: Radiometric Concepts and Optical Properties* (Scripps Inst. of Ocean. Ref. 58-69, University of California, San Diego, 1958).
230. Preisendorfer, R. W., and Richardson, W. H., *Simple Formulas for the Volume Absorption Coefficient in Asymptotic Light Fields* (Scripps Inst. of Ocean. Ref. 58-79, University of California, San Diego, 1958).
231. Preisendorfer, R. W., *Theory of Attenuation Measurements in Planetary Atmospheres* (Scripps Inst. of Ocean. Ref. 58-81, University of California, San Diego, 1958).
232. Preisendorfer, R. W., *A Sea Surface Simulator, I. Theoretical Analysis: Simulation of Reflectance Properties of the Sea Surface by Arrays of Ergodic Caps* (Report 1-1, Task 1, Contract NObs-72039, Visibility Laboratory, University of California, San Diego, June 1958).
233. Preisendorfer, R. W., "Invariant imbedding relation for the principles of invariance," *Proc. Nat. Acad. Sci.* 44, 320 (1958).
234. Preisendorfer, R. W., "Functional relations for the R and T operators on plane-parallel media," *Proc. Nat. Acad. Sci.* 44, 323 (1958).
235. Preisendorfer, R. W., "Time-dependent principles of invariance," *Proc. Nat. Acad. Sci.* 44, 328 (1958).
236. Preisendorfer, R. W., *Temporal Metric Spaces in Radiative Transfer Theory* (five papers: I Temporal Semi-metrics; II Epoch Times and Characteristic Functions; III Characteristic Spheroids and Ellipsoids; IV Temporal Diameters; V Local Temporal Diameters), (Scripps Inst. of Ocean. Refs.: I 59-2; II 59-7; III 59-10; IV 59-17; V 59-18, University of California, San Diego, 1959).
237. Preisendorfer, R. W., *A Study of Light Storage Phenomena in Scattering Media* (Scripps Inst. of Ocean. Ref. 59-12, University of California, San Diego, 1959).
238. Preisendorfer, R. W., *On Ground-Based Measurements of the Optical Properties of the Atmosphere Aloft* (Scripps Inst. of Ocean. Ref. 59-19, University of California, San Diego, 1959).

239. Preisendorfer, R. W., *Radiance Bounds* (Scripps Inst. of Ocean. Ref. 59-20, University of California, San Diego, 1959).
240. Preisendorfer, R. W., *The Universal Radiative Transport Equation* (Scripps Inst. of Ocean. Ref. 59-21, University of California, San Diego, 1959).
241. Preisendorfer, R. W., *On the Direct Measurement of the Total Scattering Function* (Scripps Inst. of Ocean. Ref. 59-41, University of California, San Diego, 1959).
242. Preisendorfer, R. W., *The Covariation of the Diffuse Attenuation and Distribution Functions in Plane-Parallel Media* (Scripps Inst. of Ocean. Ref. 59-52, University of California, San Diego, 1959).
243. Preisendorfer, R. W., *Principles of Invariance for Directly Observable Irradiances in Plane-Parallel Media* (Scripps Inst. of Ocean. Ref. 59-73, University of California, San Diego, 1959).
244. Preisendorfer, R. W., "Theoretical proof of the existence of characteristic diffuse light in natural waters," *J. Mar. Res.* 18, 1 (1959).
245. Preisendorfer, R. W., *On the Structure of the Light Field at Shallow Depths in Deep Homogeneous Hydrosols* (Report 3-5, Task 3, Contract NObs-72039, Visibility Laboratory, University of California, San Diego, March 1959).
246. Preisendorfer, R. W., *General Analytical Representations of the Observable Reflectance Function* (Report 5-1, Task 5, Contract NObs-72039, Visibility Laboratory, University of California, San Diego, November 1959).
247. Preisendorfer, R. W., "Application of radiative transfer theory to light measurements in the sea," *Symposium on Radiant Energy in the Sea*, International Union of Geodesy and Geophysics, Helsinki Meeting, August 1960 (L'Institute Geographique National Monograph No. 10, Paris, 1961).
248. Preisendorfer, R. W., "Generalized invariant imbedding relation," *Proc. Nat. Acad. Sci.* 47, 591 (1961).
249. Preisendorfer, R. W., *Spatial Semi-groups in Neutron Transport Theory* (General Atomic Report GA-2057, John Jay Hopkins Laboratory of Pure and Applied Science, San Diego, California, 1961).
250. Preisendorfer, R. W., "A model for radiance distributions," in *Physical Aspects of Light in the Sea* Univ. of Hawaii Press, 1964), J. E. Tyler, ed.

251. Preisendorfer, R. W., *Radiative Transfer on Discrete Spaces* (Pergamon Press, New York, 1965).
252. Redheffer, R., "Remarks on the basis of network theory," *J. Math. and Phys.* 28, 237 (1950).
253. Redheffer, R., "Novel uses of functional equations," *J. Rat. Mech. and Anal.* 3, 271 (1954).
254. Redheffer, R., "On solutions of Riccati's equation as functions of the initial values," *J. Rat. Mech. and Anal.* 5, 835 (1956).
255. Redheffer, R., "The Riccati equation: initial values and inequalities," *Math. Ann.* 133, 235 (1957).
256. Redheffer, R., "Inequalities for a matrix Riccati equation," *J. Math. and Mech.* 8, 349 (1959).
257. Redheffer, R., "Supplementary note on matrix Riccati equations," *J. Math. and Mech.* 9, 745 (1960).
258. Redheffer, R., "The Myciolski-Pazkowski diffusion problem," *J. Rat. Mech. and Anal.* 9, 607 (1960).
259. Redheffer, R., "On the relation of transmission-line theory to scattering and transfer," *J. Math. and Phys.* 41, 1 (1962).
260. Redmond, P. M., *Light Refraction by a Free Ocean Surface* (AIAA paper No. 65-238, Am. Inst. of Aeronautics and Astronautics, New York, March 1965).
261. Reid, W. T., "Solutions of a Riccati matrix differential equation as functions of initial values," *J. Math. and Mech.* 8, 221 (1959).
262. Reid, W. T., "Properties of solutions of a Riccati matrix differential equation," *J. Math. and Mech.* 9, 749 (1960).
263. Richardson, W. H., *Determination of the Non-zero Asymptote of an Exponential Decay Function* (Scripps Inst. of Ocean. Ref. 58-36, University of California, San Diego, 1958).
264. Rickart, C. E., *General Theory of Banach Algebras* (D. Van Nostrand, New York, 1960).
265. Riley, G. A., "Theory of food-chain relations in the ocean," in *The Sea* (Interscience Pub., New York, 1963), M. N. Hill, Ed., vol. II, Chapt. 20.
266. Roll, H. U., "Neue messungen zur entstehung von wasserwellen durch wind," *Ann. Met. Hamburg* 4, 269 (1951).

267. Roll, H. U., and Fischer, G., "Eine kritische bemerkung zum Neumann-spektrum des seeganges," *Deutsche Hydrogr. Zeits.*, Band 9, Heft 9 (1956).
268. Rosenblatt, H., "A random model of the sea surface generated by a hurricane," *J. Math. and Mech.* 6, 235 (1957).
269. Rudin, W., *Fourier Analysis on Groups* (Interscience Pub., New York, 1962).
270. Ryde, J. W., and Cooper, B. S., "The scattering of light by turbid media," *Proc. Roy. Soc. London* 131A, 451 (1931).
271. Sasaki, T., Okami, N., Oshiba, G., and Watanabe, S., "Angular distribution of light in deep water," *Records of Ocean. Works in Japan* 5, 1 (1960).
272. Schenck, H., "On the focusing of sunlight by ocean waves," *J. Opt. Soc. Am.* 47, 653 (1957).
273. Schmidt, H. W., "Über reflexion und absorption von  $\beta$ -strahlen," *Ann. der Physik* 23, (series 4), 671 (1907).
274. Schooley, A. H., "A simple optical method of measuring the statistical distribution of water surface slopes," *J. Opt. Soc. Am.* 44, 37 (1954).
275. Schooley, A. H., "Curvature distributions of wind-created water waves," *Trans. Am. Geophys. Un.* 36, 273 (1955).
276. Schooley, A. H., "Profiles of wind-created water waves in the capillary-gravity transition region," *J. Mar. Res.* 16, 100 (1958).
277. Schuster, A., "On hidden periodicities," *Terrestrial Magnetism* 3, 3 (1897).
278. Schuster, A., "The periodogram of magnetic declination," *Camb. Phil. Trans.* 18, 108 (1899).
279. Schuster, A., "Radiation through a foggy atmosphere," *Astrophys. J.* 21, 1 (1905).
280. Schuster, A., "The periodogram and its optical analogy," *Proc. Roy. Soc.* 77, 136 (1906).
281. Schwarzschild, K., "Ueber das gleichgewicht das sonnenatmosphäre," *Gesell. Wiss. Göttingen, Nachr. Math.-phys. Klasse*, p. 41, (1906).
282. Schwarzschild, K., "Über diffusion und absorption in der sonnenatmosphäre," *Sitzungsberichte der Königlich Preussischen Akad. der Wiss.*, p. 1183 (Jan.-June, 1914).

283. Secchi, P. A., *Relazione della Esperienze Fatte a Bordo della Pontificia Pirocorvetta L'Immacolata Concezione per Determinare la Trasparenza del Mare* (circa 1866) [Reports on Experiments Made on Board the Papal Steam Sloop L' Immacolata Concezione to Determine the Transparency of the Sea] (Translation available, Dept. of the Navy, Office of Chief of Naval Operations, O.N.I. Trans. No. A-655, Op-923 M4B, 21 Dec. 1955).
284. Sekera, Z., *Radiative Transfer in a Planetary Atmosphere* (Rand Corp. Report R-413-PR, June 1963).
285. Silberstein, L., "The transparency of turbid media," *Phil. Mag.* 4, 1291 (1927).
286. Singer, I. A., and Raynor, G. S., "Variation of wind profile with meteorological parameters," *6th Midwestern Conference on Fluid Mechanics* (Univ. of Texas, 1959), p. 98.
287. Slipecevich, C. M., Churchill, S. W., Clark, G. C., and Chiao-min Chu, *Attenuation of Thermal Radiation by a Dispersion of Oil Particles* (Army Chem. Corps Contract No. DA18-108-CML-4695, AFSWP-749 ERI-2089-2-F, Eng. Res. Inst., University of Michigan, Ann Arbor, 1954).
288. Sobolev, V., *A Treatise on Radiative Transfer* (Van Nostrand, New York, 1963).
289. Sommerfeld, A., *Partial Differential Equations in Physics* (Academic Press, New York, 1949).
290. Spilhaus, A. F., *Observations of Light Scattering in Sea Water* (Ph. D. Thesis, Dept. of Geology and Geophysics, M.I.T., February 1965, prepared under ONR Contract Nonr 1841(74), NR 083-157).
291. Stokes, G. G., "On the intensity of the light reflected from or transmitted through a pile of plates," *Mathematical and Physical Papers of Sir George Stokes* (Cambridge Univ. Press, 1904), vol. IV, p. 145.
292. Stratton, J. A., *Electromagnetic Theory* (McGraw-Hill, New York, 1941).
293. Sverdrup, H. U., and Munk, W. H., *Wind, Sea, and Swell; Theory of Relationships for Forecasting* (Hydrographic Office Publication 601, 1947).
294. *Symposium on Applications of Autocorrelation Analysis to Physical Problems*, Woods Hole, Mass., 13-14 June 1949 (O.N.R., Depart. of the Navy).
295. Taylor, G. I., "Diffusion by continuous movements," *Proc. London Math. Soc.* 20(Ser. 2), 196(1920).
296. Thekaekara, M. P., "The solar constant and spectral distribution of solar radiant flux," *Solar Energy* 9, 7 (1965).

297. Tick, L. J., "A nonlinear random model of gravity waves," *J. Math. and Mech.* 8, 643 (1959).
298. Tyler, J. E., "Radiance distribution as a function of depth in an underwater environment," *Bull. Scripps Inst. Ocean.* 7, 362 (1960).
299. Tyler, J. E., *An Instrument for the Measurement of the Volume Absorption Coefficient of Horizontally Stratified Water* (Report No. 5-4, Task 5, Contract NObs-72039, Bureau of Ships Project NS714-100, Visibility Laboratory, University of California, San Diego, February 1960).
300. Tyler, J. E., "Scattering properties of distilled and natural waters," *Limnology and Oceanography* 6, 451 (1961).
301. Tyler, J. E., "Estimation of percent polarization in deep oceanic water," *J. Mar. Res.* 21, 102 (1963).
302. Tyler, J. E., "Colour of the ocean," *Nature* 202, 1262 (1964).
303. Tyler, J. E., ed., *Physical Aspects of Light in the Sea, A Symposium at the Tenth Pacific Science Congress, Honolulu, Hawaii, August 1961* (Univ. of Hawaii Press, Honolulu, Hawaii, 1964).
304. Tyler, J. E., and Shaules, A., "Irradiance on a flat object underwater," *Applied Optics* 3, 105 (1964).
305. Tyler, J. E., and Preisendorfer, R. W., "Light," in *The Sea* (Interscience Pub., New York, 1962), M. N. Hill, ed., vol. I, Chapt. 8.
306. Tyler, J. E., Richardson, W. H., and Holmes, R. W., "Method for obtaining the optical properties of large bodies of water," *J. Geophys. Res.* 64, 667 (1959).
307. Ursell, F., "Wave generation by wind," in *Surveys in Mechanics* (Camb. Monographs on Mech. and Applied Math., 1956), G. K. Batchelor, R. M. Davies, eds.
308. van de Hulst, H. C., *Light Scattering by Small Particles* (John Wiley and Sons, New York, 1957).
309. Volterra, V., *Theory of Functionals and of Integral and Integrodifferential Equations* (Dover Pub., Inc., New York, 1959).
310. Walsh, J. W. T., "The reflection factor of a polished glass surface for diffused light," *Dept. Sci. Ind. Res. (Brit.)*, Illumination Research Tech. Pap. 2, 10 (1926).
311. Walsh, J. W. T., *Photometry* (Dover Pub., Inc., New York, 1965).

312. Wang, Alan Ping-I, *Scattering Processes* (Ph. D. Math. Thesis, University of California, Los Angeles, 1966).
313. Wax, N., ed., *Selected Papers on Noise and Stochastic Processes* (Dover Pub., Inc., New York, 1954).
314. Weinberg, A.M., and Wigner, E. P., *The Physical Theory of Neutron Chain Reactors* (Univ. of Chicago Press, 1958).
315. Whitney, L. V., "The angular distribution of characteristic diffuse light in natural waters," *J. Mar. Res.* 4, 122 (1941).
316. Whitney, L. V., "A general law of diminution of light intensity in natural waters and the percent of diffuse light at different depths," *J. Opt. Soc. Am.* 31, 714 (1941).
317. Whitney, W. M., *Contrast Reduction by Time-Varying Refraction* (Contract NObs-50274, Index Number NS741-100, Visibility Laboratory, University of California, San Diego, March 1956).
318. Whittaker, E. T., and Watson, G. N., *A Course of Modern Analysis* (Cambridge Univ. Press, 1952), 4th ed.
319. Wick, G. C., "Uber ebene diffusionsprobleme," *Z. f. Phys.* 121, 702 (1943).
320. Wiener, N., "Generalized harmonic analysis," *Acta Math.* 55, 117 (1930).
321. Wiener, N., *The Fourier Integral and Certain of Its Applications* (Cambridge Univ. Press, 1933; reprinted by Dover Pub., Inc., New York).
322. Wilczynski, E. J., "An application of group theory to hydrodynamics," *Trans. Am. Math. Soc.* 23, 339 (1912).
323. Wilf, H. S., "Numerical integration of the transport equation with no angular truncation," *J. Math. Phys.* 1, 225 (1960).
324. Wuest, W., "Beitrag zur entstehung von wasserwellen durch wind," *Z. Angew. Math. Mech.* 29, 239 (1949).
325. Yabushita, S., "Tschebyscheff polynomial approximation method of the neutron transport equation," *J. Math. Phys.* 2, 543 (1961).
326. Yosida, K., *Functional Analysis* (Academic Press, New York, 1965).
327. Zemanian, A. H., *Distribution Theory and Transform Analysis* (McGraw-Hill, New York, 1965).