

BIBLIOGRAPHIC REFERENCES USED IN PREPARATION OF TEXT

(See the introduction for an explanation of the letters preceding each bibliographic reference)

- AS Abramowitz, M. and Stegun, I. A., *Handbook of Mathematical Functions*, Dover Publications, New York, 1972.
- AD Adams, E. P. and Hippisley, R. L., *Smithsonian Mathematical Formulae and Tables of Elliptic Functions*, Smithsonian Institute, Washington, D.C., 1922.
- AK Appell, P. and Kampé de Fériet, *Fonctions hypergéométriques et hypersphériques, polynômes d'Hermite*, Paris, 1926.
- BB Beckenbach, E. F. and Bellman, R., *Inequalities*, 3rd printing. Springer Verlag, Berlin, 1971.
- BE Bertrand, J., *Traite de calcul différentiel et de calcul intégral*, vol. 2, *Calcul intégral, intégrales définies et indéfinies*. Gauthier-Villars, Paris, 1870.
- BI Bierens de Haan, D., *Nouvelles tables d'intégrales définies*. Amsterdam, 1867.
- BL Bellman, R., *Introduction to Matrix Analysis*. McGraw Hill, New York, 1960.
- BR* Bromwich, T. I'A., *An Introduction to the Theory of Infinite Series*. Macmillan, London, 1908, 2nd edition, 1926.
- BS Bellman, R., *Stability Theory of Differential Equations*. McGraw-Hill, New York, 1953.
- BU Buchholz, H., *Die konfluente hypergeometrische Funktion mit besonderer Berücksichtigung ihrer Anwendungen*. Springer Verlag, Berlin, 1953.
- BY Byrd, P. F. and Friedman, M. D., *Handbook of Elliptic Integrals for Engineers and Physicists*. Springer Verlag, Berlin, 1954.
- CA Carslaw, H. S., *Introduction to the Theory of Fourier's Series and Integrals*. Macmillan, London, 1930.
- CE Cesàro, Z., *Elementary Class Book of Algebraic Analysis and the Calculation of Infinite Limits*, 1st ed. ONTI, Moscow and Leningrad, 1936.
- CL Coddington, E. A. and Levinson, N., *Theory of Ordinary Differential Equations*. McGraw Hill, New York, 1955.
- CO Courant, R. and Hilbert, D., *Methods of Mathematical Physics*, vol. I. Wiley (Interscience), New York, 1953.
- DW Dwight, H. B., *Tables of Integrals and Other Mathematical Data*. Macmillan, New York, 1934.
- EF Efros, A. M. and Danilevskiy, A. M., *Operatsionnoye ischisleniye i konturnyye integraly* (Operational calculus and contour integrals). GNTIU, Khar'kov, 1937.
- EH Erdélyi, A., et al., *Higher Transcendental Functions*, vols. I, II, and III. McGraw Hill, New York, 1953-1955.
- ET Erdélyi, A. et al., *Tables of Integral Transforms*, vols. I and II. McGraw Hill, New York, 1954.
- EU Euler, L., *Introductio in Analysin Infinitorum*. Lausanne, 1748.
- FI Fikhtengol'ts, G. M., *Kurs differentsial'nogo i integral'nogo ischisleniya* (Course in differential and integral calculus), vols. I, II, and III. Gostekhizdat, Moscow and Leningrad, 1947-1949.
- GA Gauss, K. F., *Werke*, Bd. III. Göttingen, 1876.
- GE Gel'fond, A. O., *Ischisleniye konechnykh raznostey* (Calculus of finite differences), part I. ONTI, Moscow and Leningrad, 1936.
- GI Giunter, N. M. and Kuz'min, R. O. (eds.), *Sbornik zadach po vysshey matematike* (Collection of problems in higher mathematics), vols. I, II, and III. Gostekhizdat, Moscow and Leningrad, 1947.

* The Bibliographic Reference BR* refers to the 1908 edition of Bromwich T. I.'A., *An Introduction to the Theory of Infinite Series*. BR refers to the 1926 edition.

- GM Gantmacher, F. R., *Applications of the Theory of Matrices*, translation by J. L. Brenner. Wiley (Interscience), New York, 1959.
- GO Goursat, E. J. B., *Cours d'Analyse*, vol. I. Gauthier-Villars, Paris, 1923.
- GU Gröbner, W. et al., *Integraltafel*, Teil I, *Unbestimmte Integrale*. Braunschweig, 1944.
- GW Gröbner, W. and Hofreiter, N., *Integraltafel*, Teil II, *Bestimmte Integrale*. Springer Verlag, Wien and Innsbruck, 1958.
- HI Hille, E., *Lectures on Ordinary Differential Equations*. Addison-Wesley, Reading, Massachusetts, 1969.
- HL Hardy, G. H., Littlewood, J. E., and Polya, G., *Inequalities*. Cambridge University Press, London, 2nd ed., 1952.
- HO Hobson, E. W., *The Theory of Spherical and Ellipsoidal Harmonics*. Cambridge University Press, 1931.
- HU Hurewicz, W., *Lectures on Ordinary Differential Equations*. MIT Press, Cambridge, Massachusetts, 1958.
- IN Ince, E. L., *Ordinary Differential Equations*. Dover, New York, 1944.
- JA Jahnke, E. and Emde, F., *Tables of Functions with Formulas and Curves*. Dover, New York, 1943.
- JE James, H. M. et al. (eds.), *Theory of Servomechanisms*. McGraw Hill, New York, 1947.
- JO Jolley, L., *Summation of Series*. Chapman and Hall, London, 1925.
- KE Kellogg, O. D., *Foundations of Potential Theory*. Dover, New York, 1958.
- KR Krechmar, V. A., *Zadachnik po algebre* (Problem book in algebra), 2nd ed. Gostekhizdat, Moscow and Leningrad, 1950.
- KU Kuzmin, R. O., *Besselevy funktsii* (Bessel functions). ONTI, Moscow and Leningrad, 1935.
- LA Laska, W., *Sammlung von Formeln der reinen und angewandten Mathematik*. Friedrich Viewig und Sohn, Braunschweig, 1888.
- LE Legendre, A. M., *Exercices calcul intégral*. Paris, 1811.
- LI Lindeman, C. E., *Examen des nouvelles tables d'intégrales définies de M. Bierens de Haan*, Amsterdam, 1867, Norstedt, Stockholm, 1891.
- LO Lobachevskiy, N. I., *Poloye sobraniye sochineniy* (Complete works), vols. I, III, and V. Gostekhizdat, Moscow and Leningrad, 1946-1951.
- LW Lawden, D. F., *Elliptic Functions and Applications*. Springer Verlag, Berlin, 1989.
- MA McLachlan, N. W., *Theory and Application of Mathieu Functions*. Oxford University Press, 1947.
- ME McLachlan, N. W. and Humbert, P., *Formulaire pour le calcul symbolique*. L'Acad. des Sciences de Paris et al., Fasc. 100, 1950.
- MF Morse, M. P. and Feshbach, H., *Methods of Theoretical Physics*, vol. I. McGraw Hill, New York, 1953.
- MG Marden, M., *Geometry of Polynomials*. American Mathematical Society, Mathematical Survey 3, Providence, Rhode Island, 1966.
- MI McLachlan, N. W. et al., *Supplément au formulaire pour le calcul symbolique*. L'Acad. des Sciences de Paris et al., Fasc. 113, 1950.
- ML Mirsky L., *An Introduction to Linear Algebra*. Oxford University Press, 1963.
- MM MacMillan, W. D., *The Theory of the Potential*. Dover, New York, 1958.
- MO Magnus, W. and Oberhettinger, F., *Formeln und Sätze für die speziellen Funktionen der mathematischen Physik*, Springer Verlag, Berlin, 1948.
- MS Magnus, W., Oberhettinger, F. and Soni, R. P., *Formulas and Theorems for the Special Functions of Mathematical Physics*, 3rd ed. Springer Verlag, Berlin, 1966.
- MT Mitrinović, D. S., *Analytic Inequalities*. Springer Verlag, Berlin, 1970.
- MV Milne, E. A., *Vectorial Mechanics*. Methuen, London, 1948.
- MZ Meyer Zur Capellen, W., *Integraltafeln, Sammlung unbestimmter Integrale elementarer Funktionen*. Springer Verlag, Berlin, 1950.
- NA Natanson, I. P., *Konstruktivnaya teoriya funktsiy* (Constructive theory of functions). Gostekhizdat, Moscow and Leningrad, 1949.
- NH Nielsen, N., *Handbuch der Theorie der Gammafunktion*. Teubner, Leipzig, 1906.
- NO Noble, B., *Applied Linear Algebra*. Prentice Hall, Englewood Cliffs, New Jersey, 1969.
- NT Nielsen, N., *Theorie des Integrallogarithmus und verwandter Transcendenten*. Teubner, Leipzig, 1906.
- NV Novoselov, S. I., *Obratnyye trigonometricheskiye funktsii, posobiye dlya uchiteley* (Inverse trigonometric functions, textbook for students), 3rd ed. Uchpedgiz, Moscow and Leningrad, 1950.
- PE Peirce, B. O., *A Short Table of Integrals*, 3rd ed. Ginn, Boston, 1929.
- SA Sansone, G., *Orthogonal Functions* (Revised English Edition), Interscience, New York, 1959.
- SI Sikorskiy, Yu. S., *Elementy teorii ellipticheskikh funktsiy s prilozheniyama k mekhanike* (Elements of theory of elliptic functions with applications to mechanics). ONTI, Moscow and Leningrad, 1936.
- SN Sneddon, I. N., *Fourier Transforms*, 1st ed. McGraw Hill, New York, 1951.
- SM Smirnov, V. I., *Kurs vysshey matematiki* (A course of higher mathematics), Vol. III, Part 2, 4th ed. Gostekhizdat, Moscow and Leningrad, 1949.
- ST Strutt, M. J. O., *Lamésche, Mathieusche und Verwandte Funktionen in Physik and Technik*. Springer Verlag, Berlin, 1932.
- SU Sneddon, I. N., *The Use of Integral Transforms*. McGraw Hill, New York, 1972.
- SZ Szegő, G., *Orthogonal Polynomials*, Revised Edition, Colloquium Publications XXIII, American Mathematical Society, New York, 1959.



- TF Titchmarsh, E. C., *Introduction to the Theory of Fourier Integrals*, 2nd ed. Oxford University Press, London, 1948.
- TI Timofeyev, A. F. *Integrirvaniye funktsiy* (Integration of functions), part I. GTTI, Moscow and Leningrad, 1933.
- VA Varga, R. S., *Matrix Iterative Analysis*. Prentice Hall, Englewood Cliffs, New Jersey, 1963.
- VL Vladimirov, V. S., *Equations of Mathematical Physics*. Dekker, New York, 1971.
- WA Watson, G. N., *A Treatise on the Theory of Bessel Functions*, 2nd ed. Cambridge University Press, 1944.
- WH Whittaker, E. T. and Watson, G. N., *Modern Analysis*, 4th ed. Cambridge University Press, 1927, part II, 1934.
- ZH Zhuravskiy, A. M., *Spravochnik po ellipticheskim funktsiyam* (Reference book on elliptic functions). Izd. Akad. Nauk. U.S.S.R., Moscow and Leningrad, 1941.
- ZY Zygmund, A., *Trigonometric Series*, 2nd ed. Chelsea, New York, 1952.

BIBLIOGRAPHIC REFERENCES

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CLASSIFIED SUPPLEMENTARY REFERENCES*

General Reference Books

- Bromwich, T. P. A., *An Introduction to the Theory of Infinite Series*. Macmillan, London. 2nd ed. 1926 (Reprinted 1942).
- Carlitz, L., *Generating Functions*, Duke University, Durham, 1969.
- Copson, E. T., *An Introduction to the Theory of Functions of a Complex Variable*. Oxford University Press, 1935.
- Courant, R. and Hilbert, D., *Methods of Mathematical Physics*, vol. I. Interscience, New York, 1953.
- Davies, H. T., *Summation of Series*, San Antonio, Texas, 1962.
- Erdélyi, A. et al. *Higher Transcendental Functions*, vols. I to III, McGraw Hill, New York 1953 to 1955.
- Erdélyi, A. et al., *Tables of Integral Transforms*, vols. I and II. McGraw Hill, New York, 1954.
- Fletcher, A., Miller, J. C. P., and Rosenhead, L., *An Index of Mathematical Tables*. Scientific Computing Service, London, 2nd ed., 1962.
- Gröbner, W. and Hofreiter, N., *Integraltafel*. I, II. Springer Verlag, Wien and Innsbruck, 1949.
- Hardy, G. H., Littlewood, J. E., and Pólya, G., *Inequalities*. Cambridge University Press, 2nd ed., 1952.
- Hartley, H. O. and Greenwood, J. A., *Guide to Tables in Mathematical Statistics*. Princeton University Press, 1962.
- Jeffreys, H. and Jeffreys, B. S., *Methods of Mathematical Physics*. Cambridge University Press, 1956.
- Jolley, L. B. W., *Summation of Series*, Dover, New York, 1962.
- Knopp, K., *Theory and Application of Infinite Series*. Blackie, London, 1946, Hafner, New York, 1948.
- Lebedev, N. N., *Special Functions and their Applications*, Prentice Hall, 1965.
- Magnus, W. and Oberhettinger, F., *Formulas and Theorems for the Special Functions of Mathematical Physics*. Chelsea, New York, 1949.
- McBride, E. B., *Obtaining Generating Functions*, Springer-Verlag, Berlin, 1971.
- National Bureau of Standards, *Handbook of Mathematical Functions*. U.S. Government Printing Office, Washington, D.C., 1964.
- Prundnikov, A. P., Brychkov, Yu. A., and Marichev, O. I., *Integrals and Series*, Vols. 1-4, Gordon and Breach, New York, 1986-1992.
- Truesdell, C. *A Unified Theory of Special Functions*. Princeton University Press, New Jersey, 1948.
- Whittaker, E. T. and Watson, G. N., *A Course of Modern Analysis*. Cambridge University Press, 4th ed. 1940.

Exponential Integrals, The Gamma Function and Related Functions

- Artin, E., *The Gamma Function*. Holt, Rinehart, and Winston, New York, 1964.
- Busbridge, I. W., *The Mathematics of Radiative Transfer*. Cambridge University Press, 1960.
- Erdélyi, A. et al., *Higher Transcendental Functions*, vol. II. McGraw Hill, New York, 1953.
- Erdélyi, A. et al., *Tables of Integral Transforms*, vols. I and II. McGraw Hill, New York, 1954.
- Hastings, Jr., C., *Approximations for Digital Computers*. Princeton University Press. New Jersey, 1955.
- Kourganoff, V., *Basic Methods in Transfer Problems*. Oxford University Press, 1952.

Prepared by Alan Jeffrey for the English language edition.

- Losch, F. and Schoblik, F., *Die Fakultat (Gamma-funktion) und Verwandte Funktionen*, Teubner, Leipzig, 1951.
 Neilsen, N., *Handbuch der Theorie der Gammafunktion*, Teubner, Leipzig, 1906.
 Oberhettinger, F., *Tabellen zur Fourier Transformation*, Springer Verlag, Berlin, 1957.

Error Function and Fresnel Integrals

- Erdélyi, A. et al., *Higher Transcendental Functions*, vol. II. McGraw Hill, New York, 1953.
 Erdélyi, A. et al., *Tables of Integral Transforms*, vol. I. McGraw Hill, New York, 1954.
 Slater, L. J., *Confluent Hypergeometric Functions*. Cambridge University Press, 1960.
 Tricomi, F. G., *Funzioni ipergeometriche confluenti*. Edizioni Cremonese, Italy, 1954.
 Watson, G. N., *A Treatise on the Theory of Bessel Functions*. Cambridge University Press, 2nd ed., 1958.

Legendre and Related Functions

- Erdélyi, A. et al., *Higher Transcendental Functions*, vol. I. McGraw Hill, New York, 1953.
 Helfenstein, H., *Ueber eine Spezielle Lamésche Differentialgleichung*. Brunner and Bodmer, Zurich, 1950 (Bibliography).
 Hobson, E. W., *The Theory of Spherical and Ellipsoidal Harmonics*. Cambridge University Press, 1931. Reprinted by Chelsea, New York, 1955.
 Lense, J., *Kugelfunktionen*. Geest and Portig, Leipzig, 1950.
 MacRobert, T. M., *Spherical Harmonics: An Elementary Treatise on Harmonic Functions with Applications*, Methuen, England, 1927. (Revised ed. 1947; reprinted Dover, New York, 1948).
 Snow, C., *The Hypergeometric and Legendre Functions with Applications to Integral Equations of Potential Theory*. National Bureau of Standards, Washington, D.C., 2nd ed. 1952.
 Stratton, J. A., Morse, P. M., Chu, L. J. and Hunter, R. A., *Elliptic Cylinder and Spheroidal Wave Functions Including Tables of Separation Constants and Coefficients*. Wiley, New York, 1941.

Bessel Functions

- Bickley, W. G., *Bessel Functions and Formulae*. Cambridge University Press, 1953.
 Erdélyi, A. et al., *Higher Transcendental Functions*, vols. I and II. McGraw Hill, New York, 1954.
 Erdélyi, A. et al., *Tables of Integral Transforms*, vols. I and II. McGraw Hill, New York, 1954.
 Gray, A., Mathews, G. B. and MacRobert, T. M., *A Treatise on Bessel Functions and Their Applications to Physics*. Macmillan, 2nd ed. 1922.
 McLachlan, N. W., *Bessel Functions for Engineers*. Oxford University Press, 2nd ed. 1955.
 Luke, Y. L., *Integrals of Bessel Functions*, McGraw-Hill, New York, 1962.
 Petiau, G., *La théorie des fonctions de Bessel*. Centre National de la Recherche Scientifique, Paris, 1955.
 Relton, F. E., *Applied Bessel Functions*. Blackie, London, 1946.
 Watson, G. N., *A Treatise on the Theory of Bessel Functions*. Cambridge University Press, 2nd ed. 1958.
 Wheelon, A. D., *Tables of Summable Series and Integrals Involving Bessel Functions*, Holden-Day, San Francisco, 1968.

Struve Functions

- Erdélyi, A. et al., *Higher Transcendental Functions*, vol. II. McGraw Hill, New York, 1954.
 Gray, A., Mathews, G. B. and MacRobert, T. M., *A Treatise on Bessel Functions and Their Applications to Physics*. Macmillan, London, 2nd ed., 1922.
 Watson, G. N., *A Treatise on the Theory of Bessel Functions*. Cambridge University Press, 2nd ed. 1958.

Hypergeometric and Confluent Hypergeometric Functions

- Appell, P., *Sur les Fonctions Hypergéométriques de Plusieurs Variables*, Gauthier-Villars, Paris, 1926.
 Bailey, W. N., *Generalized Hypergeometric Functions*. Cambridge University Press, 1935.
 Buchholz, H., *Die konfluente hypergeometrische Funktion*. Springer Verlag, Berlin, 1953.
 Erdélyi, A. et al., *Higher Transcendental Functions*, vol. I. McGraw Hill, New York, 1953.
 Jeffreys, H. and Jeffreys, B. S., *Methods of Mathematical Physics*. Cambridge University Press, 1956.
 Klein, F., *Vorlesungen über die hypergeometrische Funktion*. Springer Verlag, Berlin, 1933.
 Nörlund, N. E., *Sur les Fonctions Hypergéométriques d'Ordre Superior*, Copenhagen, 1956.
 Slater, L. J., *Confluent Hypergeometric Functions*. Cambridge University Press, 1960.
 Slater, L. J., *Generalized Hypergeometric Functions*, Cambridge University Press, London, 1966.

Snow, C., *The Hypergeometric and Legendre Functions with Applications to Integral Equations of Potential Theory*. National Bureau of Standards, Washington, D.C., 2nd ed. 1952.

Swanson, C. A. and Erdélyi, A., *Asymptotic Forms of Confluent Hypergeometric Functions*. Memoir 25, American Mathematical Society, 1957.

Tricomi, F. G., *Lezioni sulla funzioni ipergeometriche confluenti*. Gheroni, Torino, 1952.

Jacobian and Weierstrass Elliptic Functions and Related Functions

Erdélyi, A. et al., *Higher Transcendental Functions*, vol. II. McGraw Hill, New York, 1953.

Byrd, P. F. and Friedman, M. D., *Handbook of Elliptic Integrals for Engineers and Physicists*, Springer Verlag, Berlin, 1954.

Graeser, E., *Einführung in die Theorie der Elliptischen Funktionen und deren Anwendungen*. Oldenbourg, Munich, 1950.

Hancock, H., *Lectures on the Theory of Elliptic Functions*, vol. I. Dover, New York, 1958.

Neville, E. H., *Jacobian Elliptic Functions*. Oxford University Press, 1944 (2nd ed. 1951).

Oberhettinger, F. and Magnus, W., *Anwendungen der Elliptischen Funktionen in Physik und Technik*. Springer Verlag, Berlin, 1949.

Roberts, W. R. W., *Elliptic and Hyperelliptic Integrals and Allied Theory*. Cambridge University Press, 1938.

Tannery, J. and Molk, J., *Eléments de la Théorie des Fonctions Elliptiques*, 4 volumes. Gauthier-Villars, Paris, 1893-1902.

Tricomi, F. G., *Elliptische Funktionen*. Akad. Verlag, Leipzig, 1948.

Parabolic Cylinder Functions

Buchholz, H., *Die konfluente hypergeometrische Funktion*. Springer Verlag, Berlin, 1953.

Erdélyi, A. et al., *Higher Transcendental Functions*, vol. II. McGraw Hill, New York, 1954.

Orthogonal Polynomials and Functions

Bibliography on Orthogonal Polynomials. Bulletin of National Research Council No. 103, Washington, D.C., 1940.

Courant, R. and Hilbert, D., *Methods of Mathematical Physics*, vol. I. Interscience, New York, 1953.

Erdélyi, A. et al., *Higher Transcendental Functions*, vol. II. McGraw Hill, New York, 1954.

Kaczmarz, St. and Steinhaus, H., *Theorie der Orthogonalreihen*. Chelsea, New York, 1951.

Lorentz, G. G., *Bernstein Polynomials*. University of Toronto Press, Toronto, 1953.

Sansone, G., *Orthogonal Functions*. Interscience, New York, 1959.

Shohat, J. A. and Tamarkin, J. D., *The Problem of Moments*. American Mathematical Society, 1943.

Szegő, G., *Orthogonal Polynomials*, American Mathematical Society Colloquium Pub. No. 23, 1959.

Titchmarsh, E. C., *Eigenfunction Expansions Associated with Second Order Differential Equations*. Oxford University Press, part I (1946), part II (1958).

Tricomi, F. G., *Vorlesungen über Orthogonalreihen*. Springer Verlag, Berlin, 1955.

Riemann Zeta Function

Titchmarsh, E. C., *The Zeta Function of Riemann*. Cambridge University Press, 1930.

Titchmarsh, E. C., *The Theory of the Riemann Zeta Function*. Oxford University Press, 1951.

Probability Function

Cramer, H., *Mathematical Methods of Statistics*. Princeton University Press, 1951.

Erdélyi, A. et al., *Higher Transcendental Functions*, vols. I, II, and III. McGraw Hill, New York, 1953 to 1955.

Kendall, M. G. and Stuart, A., *The Advanced Theory of Statistics*, vol. I: *Distribution Theory*, Griffin, London, 1958.

Mathieu Functions

Erdélyi, A., *Higher Transcendental Functions*, vol. III. McGraw Hill, New York, 1955.

McLachlan, N. W., *Theory and Application of Mathieu Functions*. Oxford University Press, 1947.

Meixner, J. and Schäfke, F. W., *Mathieusche Funktionen und Spheroid-funktionen mit Anwendungen auf Physikalische und Technische Probleme*. Springer Verlag, Heidelberg, 1954.

Strutt, M. J. O., *Lamésche, Mathieusche und verwandte Funktionen in Physik und Technik*. *Ergeb. Math. Grenzgeb.* 1, 199-323 (1932). Reprint Edwards Bros., Ann Arbor, Michigan, 1944.

Integral Transforms

- Bochner, S., *Vorlesungen über Fouriersche Integrale*. Akad. Verlag, Leipzig, 1932. Reprint Chelsea, New York, 1948.
- Bochner, S. and Chandrasekharan, K., *Fourier Transforms*. Princeton University Press, 1949.
- Campbell, G. and Foster, R., *Fourier Integrals for Practical Applications*, Van Nostrand, New York, 1948.
- Carslaw, H. S. and Jaeger, J. C., *Conduction of Heat in Solids*. Oxford University Press, 1948.
- Doetsch, G., *Theorie und Anwendung der Laplace-Transformation*. Springer Verlag, Berlin, 1937. (Reprinted by Dover, New York, 1943)
- Doetsch, G., *Theory and Application of the Laplace-Transform*. Chelsea, New York, 1965.
- Doetsch, G., *Handbuch der Physik, Mathematische Methoden II*, 1st ed., Berlin, 1955.
- Doetsch, G., *Guide to the Applications of the Laplace and Z-Transforms*, 2nd Ed., Van Nostrand-Reinhold, London, 1971.
- Doetsch, G., *Handbuch der Laplace-Transformation, Vols. I-IV*, Birkhäuser Verlag, Basel, 1950-56.
- Doetsch, G., Kniess, H., and Voelker, D., *Tabellen zur Laplace-Transformation*, Springer-Verlag, Berlin, 1947.
- Erdélyi, A., *Operational Calculus and Generalized Functions*, Holt, Rinehart and Winston, New York, 1962.
- Exton, H., *Multiple Hypergeometric Functions and Applications*, Horwood, Chichester, 1976.
- Exton, H., *Handbook of Hypergeometric Integrals: Theory, Applications, Tables, Computer Programs*, Horwood, Chichester, 1978.
- Hirschmann, J. J. and Widder, D. V., *The Convolution Transformation*. Princeton University Press, New Jersey, 1955.
- Marichev, O. I., *Handbook of Integral Transforms of Higher Transcendental Functions, Theory and Algorithmic Tables*, Ellis Horwood Ltd., Chichester (1982).
- Oberhettinger, F., *Tabellen zur Fourier Transformation*, Springer-Verlag, Berlin (1957).
- Oberhettinger, F., *Tables of Bessel Transforms*, Springer-Verlag, New York (1972).
- Oberhettinger, F., *Fourier Expansions: A Collection of Formulas*, Academic Press, New York, 1973.
- Oberhettinger, F., *Fourier Transforms of Distributions and Their Inverses*, Academic Press, New York, 1973.
- Oberhettinger, F., *Tables of Mellin Transforms*, Springer-Verlag, Berlin, 1974.
- Oberhettinger, F. and Badii, L., *Tables of Laplace Transforms*, Springer-Verlag, Berlin, 1973.
- Oberhettinger, F. and Higgins, T. P., *Tables of Lebedev, Mehler and Generalized Mehler Transforms*, Math. Note No. 246, Boeing Scientific Research Laboratories, Seattle, Wash., 1961.
- Roberts, G. E. and Kaufman, H., *Table of Laplace Transforms*, McAinsh, Toronto, 1966.
- Sneddon, I. N., *Fourier Transforms*. McGraw Hill, New York, 1951.
- Titchmarsh, E. C., *Introduction to the Theory of Fourier Integrals*. Oxford University Press, 1937.
- Van der Pol, B. and Bremmer, H., *Operational Calculus Based on the Two Sided Laplace Transformation*. Cambridge University Press, 1950.
- Widder, D. V., *The Laplace Transform*. Princeton University Press, New Jersey, 1941.
- Wiener, N., *The Fourier Integral and Certain of its Applications*. Dover, New York, 1951.

Asymptotic Expansions

- De Bruijn, N. G., *Asymptotic Methods in Analysis*. North-Holland Publishing Co., Amsterdam, 1958.
- Cesari, L., *Asymptotic Behavior and Stability Problems in Ordinary Differential Equations*. 3rd ed. New York: Springer, 1971.
- Copson, E. T., *Asymptotic Expansions*. Cambridge University Press, 1965.
- Erdélyi, A., *Asymptotic Expansions*. Dover, New York, 1956.
- Ford, W. B., *Studies on Divergent Series and Summability*. Macmillan, New York, 1916.
- Hardy, G. H., *Divergent Series*. Clarendon Press, Oxford, 1949.
- Watson, G. N., *A Treatise on the Theory of Bessel Functions*. Cambridge University Press, 2nd ed., 1958.

Complex Analysis

- Ahlfors, L. V., *Complex Analysis*. 3rd ed. New York: McGraw-Hill, 1979.
- Ahlfors, L. V. and Sario, L., *Riemann Surfaces*. Princeton, NJ: Princeton University Press, 1971.
- Bieberbach, L., *Conformal Mapping*. New York: Chelsea, 1964.
- Henrici, P., *Applied and Computational Complex Analysis*. 3 vols. New York: Wiley, 1988, 1991, 1977.
- Hille, E., *Analytic Function Theory*. 2 vols. 2nd ed. New York: Chelsea, 1990, 1987.
- Kober, H., *Dictionary of Conformal Representations*, Dover, 1952.
- Titchmarsh, E. C., *The Theory of Functions*. 2nd ed. London: Oxford University Press, 1939. (Reprinted 1975).