

References

- [A-B] Asplund, Edgar, and Lutz Bungart, *A first course in integration*, Holt, Rinehart and Winston, New York, 1966.
- [B-1] Bartle, Robert G., *The elements of integration and Lebesgue measure*, Wiley Classics Library, John Wiley & Sons Inc., New York, 1995.
- [B-2] ——, *The elements of real analysis*, Second Edition, John Wiley & Sons Inc., New York, 1974.
- [B-3] ——, *An extension of Egorov's theorem*, Amer. Math. Monthly **87** (1980), no. 8, 628–633.
- [B-4] ——, *A convergence theorem for generalized Riemann integrals*, Real Analysis Exchange **20** (1994-95), no. 1, 119–124.
- [B-5] ——, *Return to the Riemann integral*, Amer. Math. Monthly **103** (1996), no. 8, 625–632.
- [B-6] ——, *The concept of ‘negligible variation’*, Real Analysis Exchange **23** (1997-98), no. 1, 47–48.
- [B-J] —— and James T. Joichi, *The preservation of convergence of measurable functions under composition*, Proc. Amer. Math. Soc. **12** (1961), 122–126.
- [B-S] —— and Donald R. Sherbert, *Introduction to real analysis*, Third edition, John Wiley & Sons Inc., New York, 2000.

- [Br-1] Bruckner, Andrew M., *Differentiation of integrals*, Slaught Memorial Paper, no. 12, Math. Assn. America, Washington, 1971. Supplement to Amer. Math. Monthly **78** (1971), no. 9.
- [Br-2] —— , *Differentiation of real functions*, CRM Monograph Series, no. 4, American Mathematical Society, Providence, 1994.
- [BBT] Bruckner, Andrew M., Judith B. Bruckner and Brian M. Thomson, *Real analysis*, Prentice-Hall, Upper Saddle River, NJ, 1997.
- [C-D] Čelidze, V. G. and A. G. Džvaršešvili, *The theory of the Denjoy integral and some applications*, English translation by P. S. Bullen, World Scientific Pub. Co., Singapore, 1989.
- [D-1] Denjoy, Arnaud, *Une extension de l'intégrale de M. Lebesgue*, C. R. Acad. Sci. Paris **154** (1912), 859–862.
- [DP-S] DePree, John D., and Charles W. Swartz, *Introduction to analysis*, John Wiley & Sons Inc., New York, 1988.
- [Dd] Dudley, Richard M., *Real analysis and probability*, Wadsworth & Brooks/Cole, Pacific Grove, CA, 1989.
- [D-S] Dunford, Nelson, and Jacob T. Schwartz, *Linear operators, Part I*, Interscience Pub., Inc., New York, 1958.
- [Fo-1] Foran, James, *Fundamentals of real analysis*, Marcel Dekker, New York, 1991.
- [G-1] Gordon, Russell A., *Another look at a convergence theorem for the Henstock integral*, Real Analysis Exchange **15** (1989-1990), no. 2, 724–728.
- [G-2] —— , *A general convergence theorem for non-absolute integrals*, J. London Math. Soc. (2) **44** (1991), 301–309.
- [G-3] —— , *The integrals of Lebesgue, Denjoy, Perron, and Henstock*, Graduate Studies in Math., vol. 4, American Math. Soc., Providence, 1994.
- [G-3] —— , *An iterated limits theorem applied to the Henstock integral*, Real Analysis Exchange **21** (1995-96), no. 2, 774–781.
- [G-4] —— , *The use of tagged partitions in elementary analysis*, Amer. Math. Monthly **105** (1998), no. 2, 107–117 and 886.

- [Ha] Hake, Heinrich, *Über de la Vallée Poussins Ober- und Unterfunktionen einfacher Integrale und die Integraldefinitionen von Perron*, Math. Annalen **83** (1921), 119–142.
- [Hl] Halmos, Paul R., *Measure theory*, D. Van Nostrand, New York, 1950; Second edition, Springer-Verlag, New York, 1988.
- [Hw-1] Hawkins, Thomas, *Lebesgue's theory of integration, its origins and development*, University of Wisconsin Press, Madison, 1970. Reprinted by Amer. Math. Soc., Chelsea Series, 1998.
- [H-1] Henstock, Ralph, *The efficiency of convergence factors for functions of a continuous real variable*, J. London Math. Soc. **30** (1955), 273–286.
- [H-2] ——, *Definitions of Riemann type of the variational integrals*, Proc. London Math. Soc. **(3)11** (1961), 402–418.
- [H-3] ——, *Theory of integration*, Butterworths, London, 1963.
- [H-4] ——, *A Riemann-type integral of Lebesgue power*, Canadian J. Math. **20** (1968), 79–87.
- [H-5] ——, *Lectures on the theory of integration*, World Scientific Pub. Co., Singapore, 1988.
- [H-6] ——, *The general theory of integration*, Clarendon Press, Oxford University Press, New York, 1991.
- [He-St] Hewitt, Edwin, and Karl Stromberg, *Real and abstract analysis*, Springer-Verlag, New York, 1965.
- [Hb-1] Hobson, E. W., *The theory of functions of a real variable*, Volume 1, Third edition, Cambridge University Press, 1927. Reprint, Dover Pub. Inc., New York, 1957.
- [Hb-2] Hobson, E. W., *The theory of functions of a real variable*, Volume 2, Second edition, Cambridge University Press, 1926. Reprint, Dover Pub. Inc., New York, 1957.
- [K-1] Kurzweil, Jaroslav, *Generalized ordinary differential equations and continuous dependence on a parameter*, Czechoslovak Math. J. **7(82)** (1957), 418–446.
- [K-2] ——, *Nichtabsolut konvergente Integrale*, Teubner-Texte, Band 26, Teubner Verlag, Leipzig, 1980.

- [K-3] ——, *Appendix*, in Konrad Jacob's book *Measure and integral*, Academic Press, New York, 1978.
- [K-4] ——, *On multiplication of Perron-integrable functions*, Czechoslovak Math. J. **23(98)** (1973), 542–566.
- [K-5] ——, *Henstock-Kurzweil integration: Its relation to topological vector spaces*, World Scientific Pub. Co., Singapore, 2000.
- [K-*] (By J. Jarník, Š. Schwabik, M. Tvrď and I. Vrkoč) *Sixty years of Jaroslav Kurzweil*, Czech. Math. J. **36 (111)** (1986), 147–166.
- [L-1] Lebesgue, Henri, *Intégrale, longueur, aire*, Annali Mat. Pura Appl. **7** (3) (1902), 231–359. Reprint, Chelsea Pub. Co., New York, 1973.
- [L-2] ——, *Leçons sur l'intégration et la recherche des fonctions primitives*, Gauthiers-Villars, Paris, 1904; 2nd ed., 1928. Reprinted by Amer. Math. Soc., Chelsea Series, no. 267.
- [Le-1] Lee Peng-Yee, *Lanzhou lectures on Henstock integration*, World Scientific Pub. Co., Singapore, 1989.
- [Le-2] ——, *On ACG* functions*, Real Analysis Exchange **15** (1989-90), no. 2, 754–759.
- [L-V] Lee Peng-Yee and Rudolf Výborný, *The integral. An easy approach after Kurzweil and Henstock*, Cambridge University Press, Cambridge, 2000.
- [M-1] Mawhin, Jean, *Analyse. Fondements, techniques, évolution*, De Boeck Université, Brussels, 1992. Second edition, 1997.
- [McL] McLeod, Robert M., *The generalized Riemann integral*, Carus Monograph, No. 20, Mathematical Association of America, Washington, 1980.
- [McS-1] McShane, Edward J., *A Riemann-type integral that includes Lebesgue-Stieltjes, Bochner and stochastic integrals*, Memoirs Amer. Math. Soc., Number 88 (1969).
- [McS-2] ——, *A unified theory of integration*, Amer. Math. Monthly **80** (1973), no. 4, 349–359.
- [McS-3] ——, *Unified integration*, Academic Press, Inc., Orlando, FL, 1983.
- [N-1] Natanson, I. P., *Theory of functions of a real variable*, English translation (by Leo F. Boron), Volume 1, F. Ungar Pub. Co., New York, 1955. Fourth printing, 1974.

- [Ni] Nielsen, Ole A., *An introduction to integration and measure theory*, Canadian Math. Soc., John Wiley & Sons, New York, 1997.
- [Pe-1] Perron, Oskar, *Über den Integralbegriff*, Sitzber. Heidelberg Akad. Wiss., Math.-Naturw. Klasse Abt. A **16** (1914), 1–16.
- [Ps-1] Pesin, Ivan N., *Classical and modern integration theories*, English transl., Academic Press, New York, 1970.
- [P-1] Pfeffer, Washek F., *The Riemann approach to integration: Local geometric theory*, Cambridge Univ. Press, Cambridge, 1993.
- [Ph-1] Phillips, Esther R., *An introduction to analysis and integration theory*, Revised edition, Dover Pub. Inc., New York, 1984.
- [R] Riemann, Bernhard, *Über die Darstellbarkeit einer Funktion durch eine trigonometrische Reihe*, Read in 1854, published in 1867. Re-published in Riemann's *Gesammelte Math. Werke*, 1892, pp. 227–271. Reprint, Dover Pub. Inc., New York, 1953.
- [S-1] Saks, Stanisław, *Sur les fonctions d'intervalle*, Fundamenta Math. **10** (1927), 211–224.
- [S-2] ——, *Theory of the integral*, 2nd English edition, Warsaw, 1937. Reprint, Dover Pub. Co., New York, 1964.
- [Sr] Sargent, W. L. C., *On the integrability of a product*, J. London Math. Soc. **23** (1948), 28–34.
- [Sch] Schechter, Eric, *Handbook of analysis and its foundations*, Academic Press, San Diego, 1997. (See also CD-ROM Version 1.)
- [Schw] Schwabik, Štefan, *Generalized ordinary differential equations*, World Scientific Pub. Co., Singapore, 1992.
- [S-V] Serrin, James B., and Dale E. Varberg, *A general chain rule for derivatives and the change of variables formula for the Lebesgue integral*, Amer. Math. Monthly **76** (1969), 514–520.
- [St] Stromberg, Karl R., *An introduction to classical real analysis*, Wadsworth Inc., Belmont, CA, 1981.
- [T-1] Talvila, Erik, *Limits and Henstock integrals of products*, Real Analysis Exchange **25** (1999-2000), no. 2, 907–918.
- [T-2] ——, *The Riemann-Lebesgue lemma and some divergent integrals*, (to appear).

- [V] Výborný, Rudolf, *Some applications of Kurzweil-Henstock integration*, Math. Bohemica **118** (1993), no. 4, 425–441.
- [Wa] Wang Pujie, *Equi-integrability and controlled convergence for the Henstock integral*, Real Analysis Exchange **19** (1993-94), no. 1, 236–241.
- [W-Z] Wheeden, Richard L., and Antoni Zygmund, *Measure and integral*, Marcel Dekker, Inc., New York, 1977.
- [X-L] Xu Dongfu, and Lu Shipan, *Henstock integrals and Lusin's condition (N)*, Real Analysis Exchange **15** (1987-88), no. 2, 451–453.
- [Z] Zygmund, Antoni, *Trigonometrical series*, Monografje Matematyczne, Warsaw, 1935. Reprint, Dover Pub. Inc., New York, 1955.