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# bibliography for real analysis

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# 1    Introductory

Ralph P. Boas, *A Primer of Real Functions*, MAA, 1972.
    Edward Gaughan, *Introduction to Analysis*, Brooks/Cole, 1968.
    Serge Lang, *Undergraduate Analysis*, Springer-Verlag, 1968.
    Walter Rudin, *Principles of Mathematical Analysis*, McGraw-Hill, 1964.
    Georgi A. Shilov, *Elementary Real and Complex Analysis*, MIT, 1973.

# 2    Advanced

Sterling K. Berberian, *Measure and Integration*, Chelsea, 1970.
    Edwin Hewitt and Karl Stromberg, *Real and Abstract Analysis*, Springer-Verlag, 1969.
    H. L. Royden, *Real Analysis*, MacMillan, 1968.
    Walter Rudin, *Real & Complex Analysis*, McGraw-Hill, 1987.
    Ernst Lindelöf, *Differentiali- ja integralilasku ja sen sovellutukset* I – IV (Differential and integral calculus and its applications), WSOY and Mercatorin Kirjapaino, Helsinki, 1928–1946.
    G. E. Shilov and B. L. Gurevich, *Integral, Measure and Derivative: A Unified Approach*, Prentice-Hall, 1966.

# 3    Additional Topic

non-Newtonian calculus