

ZMATH 2014e.00678

Riečan, Beloslav

Minitheory of definite integral.

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Summary: An elementary theory of the integral $\int f(x)dx$ for functions $f : [a, b] \rightarrow R$ is presented. We use the Riemann construction of the integral and we show that it is from the practical point of view sufficient to consider only continuous (partially continuous) functions.

Classification: I50

Keywords: definite integral; Riemann integral