

Courant, Richard; Hilbert, David

Methods of mathematical physics. Vol. I. (Translated and revised from the German original.) First English ed. (English) [Zbl 0051.28802](#)

New York: Interscience Publishers xv, 561 p. (1953).

See the reviews of previous editions in [[JFM 50.0335.07](#); [Zbl 0001.00501](#); [JFM 57.0245.01](#)].

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MSC:

[00A05](#) Mathematics in general

[00A06](#) Mathematics for nonmathematicians (engineering, social sciences, etc.)

[01A75](#) Collected or selected works; reprintings or translations of classics

[45-00](#) General reference works (handbooks, dictionaries, bibliographies, etc.) pertaining to integral equations

[35-00](#) General reference works (handbooks, dictionaries, bibliographies, etc.) pertaining to partial differential equations

Cited in **1** Review
Cited in **780** Documents

Keywords:

methods of mathematical physics; linear integral equations; algebra of linear transformations; variational methods; Hamilton principle; oscillation; eigenvalue problems of physics; Bessel functions; spherical functions