

**Korotkov, V. B.**

**On the integral operators of the third kind.** (Russian, English) [Zbl 1032.45018](#)

*Sib. Mat. Zh.* 44, No. 5, 1063-1066 (2003); translation in *Sib. Math. J.* 44, No. 5, 829-832 (2003).

Summary: We establish some necessary and sufficient conditions for an operator in the space of square summable functions to be representable as a sum of multiplication by a bounded function and an integral operator.

**MSC:**

- [45P05](#) Integral operators
- [47B07](#) Linear operators defined by compactness properties
- [47G10](#) Integral operators
- [47B38](#) Linear operators on function spaces (general)

Cited in **2** Documents

**Keywords:**

multiplication by a function; kernel of an integral operator; measurable set

**Full Text:** [EuDML](#) [EMIS](#)