

Weidmann, Joachim**Linear operators in Hilbert spaces.** Transl. by **Joseph Szücs.** (English) Zbl 0434.47001
Graduate Texts in Mathematics, Vol. 68. New York - Heidelberg - Berlin: Springer-Verlag. XIII, 402 p.
DM 68.00; \$ 40.20 (1980).For a scan of this review see the [web version](#).**MSC:**

- [47-02](#) Research exposition (monographs, survey articles) pertaining to operator theory
- [47A10](#) Spectrum, resolvent
- [47A40](#) Scattering theory of linear operators
- [47A53](#) (Semi-) Fredholm operators; index theories
- [47A55](#) Perturbation theory of linear operators
- [47A60](#) Functional calculus for linear operators
- [47A70](#) (Generalized) eigenfunction expansions of linear operators; rigged Hilbert spaces
- [47B06](#) Riesz operators; eigenvalue distributions; approximation numbers, s -numbers, Kolmogorov numbers, entropy numbers, etc. of operators
- [47B10](#) Linear operators belonging to operator ideals (nuclear, p -summing, in the Schatten-von Neumann classes, etc.)
- [47B15](#) Hermitian and normal operators (spectral measures, functional calculus, etc.)
- [47B25](#) Linear symmetric and selfadjoint operators (unbounded)
- [47D03](#) Groups and semigroups of linear operators
- [47L90](#) Applications of operator algebras to the sciences
- [47E05](#) General theory of ordinary differential operators
- [47F05](#) General theory of partial differential operators
- [35J10](#) Schrödinger operator, Schrödinger equation

Cited in **5** Reviews
Cited in **293** Documents**Keywords:**[linear operators in Hilbert spaces](#)