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Approximation of an element in the range of a function of an operator. (English. Russian original) [Zbl 0426.41019](#)

Sov. Math., Dokl. 20, 318-321 (1979); translation from *Dokl. Akad. Nauk SSSR* 245, 527-530 (1979).

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MSC:

[41A35](#) Approximation by operators (in particular, by integral operators)

[30E10](#) Approximation in the complex plane

[41A65](#) Abstract approximation theory (approximation in normed linear spaces and other abstract spaces)

[47A55](#) Perturbation theory of linear operators

Keywords:

approximation of an element in the range of a function of an operator; linear combinations of eigenvalues