

Read, C. J.

A short proof concerning the invariant subspace problem. (English) [Zbl 0664.47006](#)
J. Lond. Math. Soc., II. Ser. 34, 335-348 (1986).

An example of an operator on the space ℓ^1 is constructed that has no invariant subspace other than $\{0\}$ and ℓ^1 . This operator is a nuclear perturbation of a weighted shift.

Reviewer: V.V.Peller

MSC:

[47A15](#) Invariant subspaces of linear operators

Cited in **2** Reviews
Cited in **24** Documents

Keywords:

invariant subspace problem; nuclear perturbation of a weighted shift

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