

Read, C. J.

A solution to the invariant subspace problem on the space ℓ_1 . (English) Zbl 0574.47006
Bull. Lond. Math. Soc. 17, 305-317 (1985).

The paper is an addendum to the author's earlier paper [ibid. 16, 337-401 (1984; [Zbl 0566.47003](#))]. In this note he indicates modifications which yield an operator on the space ℓ_1 with no proper invariant subspaces. The problem for operators on Hilbert space or reflexive Banach spaces remains open.

Reviewer: [R.G.Douglas](#)

MSC:

[47A15](#) Invariant subspaces of linear operators
[46A45](#) Sequence spaces (including Köthe sequence spaces)

Cited in **7** Reviews
Cited in **52** Documents

Keywords:

invariant subspace problem; operator on the space ℓ_1 with no proper invariant subspaces

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