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The almost lattice isometric copies of c_0 in Banach lattices

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Abstract: In this paper it is shown that if a Banach lattice E contains a copy of c_0 , then it contains an almost lattice isometric copy of c_0 . The above result is a lattice version of the well-known result of James concerning the almost isometric copies of c_0 in Banach spaces.

Keywords: Banach lattice, lattice isometry, almost lattice isometry, copy of c_0

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