

LINEAR MAPS STRONGLY PRESERVING MOORE–PENROSE INVERTIBILITY

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Abstract. Let A and B be C^* -algebras. We investigate linear maps from A to B strongly preserving Moore–Penrose invertibility, where A is unital, and either it is linearly spanned by its projections, or has large socle, or has real rank zero (in this last case the map T is assumed to be bounded).

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