

REMARKS ON NEARLY EQUIVALENT OPERATORS

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Abstract. An operator $S \in \mathcal{L}(\mathcal{H})$ is said to be nearly equivalent to T if there exists an invertible operator $V \in \mathcal{L}(\mathcal{H})$ such that $S^*S = V^{-1}T^*TV$. In this paper, we study several properties of nearly equivalent operators, and investigate their local spectral properties and invariant subspaces.

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