Operators and Matrices
Volume 12, Number 2 (2018), 537–547
doi:10.7153/oam-2018-12-33

REMARKS ON NEARLY EQUIVALENT OPERATORS

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Abstract. An operator $S \in \mathscr{L}(\mathscr{H})$ is said to be nearly equivalent to T if there exists an invertible operator $V \in \mathscr{L}(\mathscr{H})$ 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.

Mathematics subject classification (2010): 47B20, 47A10.
Keywords and phrases: Nearly equivalent operators, local spectral property, invariant subspace.

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Paper OaM-12-33