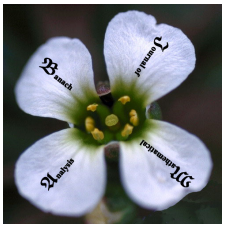

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COMPACT OPERATORS IN THE COMMUTANT OF ESSENTIALLY NORMAL OPERATORS

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Abstract. Let T be a bounded, linear operator on a complex, separable, infinite dimensional Hilbert space H. We assume that T is an essentially isometric (resp. normal) operator, that is, $I_H - T^*T$ (resp. $TT^* - T^*T$) is compact. For the compactness of S from the commutant of T, some necessary and sufficient conditions are found on S. Some related problems are also discussed.

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