SPECTRAL PROPERTIES AND CHARACTERIZATION
OF QUASI–n–HYPONORMAL OPERATORS

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Abstract. In this paper the class of quasi-n-hyponormal operators is introduced. The representation and characterization of the operators on a Hilbert space are established. Using these results, we obtain some spectral properties of the quasi-n-hyponormal operators. Finally we show that the class of n-hyponormal operators is properly contained in the class of quasi-n-hyponormal operators.

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