ON THE CLASSES OF D–NORMAL OPERATORS AND
D–QUASI–NORMAL OPERATORS ON HILBERT SPACE

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Abstract. The purpose of this paper is to introduce some new classes of operators, called $[DN]$, $[nDN]$, $[DQN]$, $[nDQN]$, associated with a Drazin invertible operator using its Drazin inverse. $[nDN]$ and $[nDQN]$ operatots extend the notion of $[DN]$ and $[DQN]$ operators, respectively. The relations between these classes and some basic properties of these operators are studied in this study.

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