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WEYL TYPE THEOREM FOR QUASI - $*$ - CLASS A OPERATORS

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Abstract

Let T be a quasi - $*$ - class A operator on a complex Hilbert space $\mathcal{H}$ if $T^*(|T^2| - |T^*|^2)T \geq 0$. In this paper, we prove that the spectral mapping theorem for Weyl spectrum holds for quasi - $*$ - class A operators. Also we prove that the Weyl type theorems holds for quasi - $*$ - class A.

Key Words and Phrases : $*$ - *paranormal operators, Weyl's theorem,* $*$ - *class A operators, Quasi* - $*$ - *class A operators, Generalized a - Weyl's theorem, B - Fredholm, B - Weyl.*

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