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WEYL'S THEOREM FOR ALGEBRAICALLY QUASI- $*$ - A OPERATORS

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ABSTRACT. In the paper, we prove the following assertions: (1) If T is an algebraically quasi- $*$ - A operator, then T is polaroid. (2) If T or T^* is an algebraically quasi- $*$ - A operator, then Weyl's theorem holds for $f(T)$ for every $f \in H(\sigma(T))$. (3) If T^* is an algebraically quasi- $*$ - A operator, then a-Weyl's theorem holds for $f(T)$ for every $f \in H(\sigma(T))$.

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