THE SPECTRUM OF THE RESTRICTION TO AN INvariant SUBSPACE

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Abstract. Let $X$ be a Banach space, $A \in B(X)$ and $M$ be an invariant subspace of $A$. We present an alternative proof that, if the spectrum of the restriction of $A$ to $M$ contains a point that is in any given hole in the spectrum of $A$, then the entire hole is in the spectrum of the restriction.

Keywords and phrases: Spectrum, invariant subspace.

REFERENCES