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Title: Inverse continutiy of the numerical range map

Abstract: Let A be a linear bounded operator acting on a Hilbert space $\mathcal{H}$. The numerical range $W(A)$ of A can be thought of as the image of the units sphere of $\mathcal{H}$ under the *numerical range generating function $f_A \colon x \mapsto (Ax, x)$.* This talk is devoted to continuity properties of the (multivalued) inverse mapping f_A^{-1}. In particular, strong continuity of f_A^{-1} on the interior of $W(A)$ is established.

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