

THE NUMERICAL RANGE OF LINEAR OPERATORS ON THE 2-DIMENSIONAL KREIN SPACE*

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Abstract. The aim of this note is to provide the complete characterization of the numerical range of linear operators on the 2-dimensional Krein space \mathbb{C}^2 .

Key words. Krein space, Numerical range, Rank one operator.

AMS subject classifications. 46C20, 47A12.

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