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On the numerical range of operators on locally and on H-locally convex spaces

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Abstract: The spatial numerical range for a class of operators on locally convex space was studied by Giles, Joseph, Koehler and Sims in [3]. The purpose of this paper is to consider some additional properties of the numerical range on locally convex and especially on H-locally convex spaces.

Keywords: locally convex space, H-locally convex space, numerical range, spectrum

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