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A TOPOLOGY VIA ω -LOCAL FUNCTIONS IN IDEAL SPACES

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Abstract. The class of ω -closed subsets of a space (X, τ) was defined to introduce ω -closed functions. The purpose of this paper to introduce the notion of ω -local functions and to give some of its basic properties in an ideal topological space. Moreover, we define and investigate the ω -compatible spaces. **MSC 2010.** 54A05, 54C10.

Key words. Ideal, Kuratowski, local function, ω -open set, compatible space.

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