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A generic theorem in the theory of cardinal invariants of topological spaces

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Abstract: Relative versions of many important theorems on cardinal invariants of topological spaces are formulated and proved on the basis of a general technical result, which provides an algorithm for such proofs. New relative cardinal invariants are defined, and open problems are discussed.

Keywords: Lindelöf space, Souslin number, spread, extent, pseudocharacter, relative cardinal invariant

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