

Selection principles and chain conditions

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Resumo

We present joint work with Aurichi, Bella and Zdomskyy about chain conditions and their selective versions. For example, we provide:

1. Several partial answers to an old question of Bell, Ginsburg and Woods about the cardinality of weakly Lindelof first-countable regular spaces.
2. Characterizations of certain selective versions of separability and the ccc on spaces of continuous functions and hyperspaces of finite sets.
3. Topological characterizations of a few cardinal invariants of the continuum.