

1044-54-66

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In [1], it is shown that for any natural number n , there exist Tychonoff topologies on ω that are n -resolvable but not $n + 1$ -resolvable. Later ([2], [3]) the same conclusion was shown to be valid when ω is replaced by an arbitrary infinite cardinal. The authors now show that every n -resolvable Tychonoff space has a Tychonoff expansion that is n -resolvable, but not $n + 1$ -resolvable.

[1] E.K. van Douwen, *Applications of maximal topologies*, *Top. Appl.* **51** (1993) 125-139

[2] Li Feng, *Strongly exactly n-resolvable spaces of arbitrarily large dispersion character*, *Topology and Its Applications* **105** (2000) 31–36.

[3] István Juhász, Lajos Soukup, and Zoltán Szentmiklóssy, *\mathcal{D} -forced spaces: A new approach to resolvability*. *Topology Appl.* **153** (2006), 161–167. (Received August 14, 2008)