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Some cardinal properties of stratifiable spaces and the space of linked systems with compact elements. (English) [Zbl 1310.54002](#)

Math. Aeterna 4, No. 1, 45-54 (2014).

The authors prove some equalities and inequalities for cardinal functions on stratifiable spaces and on spaces of linked systems.

The first one adds equality of density and π -network weight to a list of coinciding cardinal functions for stratifiable spaces. However the proof of this equality is universally valid.

Other results deal with π -weight, π -character and (pre-)calibers of the space of linked systems with compact elements.

Reviewer: [K. P. Hart \(Delft\)](#)

MSC:

[54A25](#) Cardinality properties (cardinal functions and inequalities, discrete subsets)

[54D80](#) Special constructions of topological spaces (spaces of ultrafilters, etc.)

[54E20](#) Stratifiable spaces, cosmic spaces, etc.

Keywords:

[stratifiable space](#); [linked system](#); [superextension](#); [cardinal function](#)

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