Some characterizations of submaximality

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ABSTRACT.

A topological space \((X, T)\) is submaximal if \(T\) is the maximal element of \([T]\). Submaximality was first defined and characterized by Bourbaki. Since then, some mathematicians presented several characterizations of submaximal spaces. In this paper, we will attempt to develop the concept of submaximality and offer some new results. Furthermore, some results concerning \(\alpha\)-scattered space will be obtained.

REFERENCES

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