



**NEW PROPERTIES, TOOLS, AND CHANGES FOR SUBSPACE
PROPERTIES AND SINGLETON SET SPACES**

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Abstract

Subspace properties have been long studied in classical topology. However, as revealed in this paper, the use of new, long overlooked topological properties and tools make a correction necessary in the study of subspace properties, while at the same time, giving many new properties and examples of spaces with and without the subspace property, and giving further insights and importance to singleton set topological spaces.

Keywords and phrases: subspace properties, not-subspace properties.

