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countably compact

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Synonym countable compactness

Related topic Compact Related topic Lindelof

Related topic LimitPointCompact

A topological space X is said to be $countably \ compact$ if every countable open cover has a finite subcover.

Countable compactness is equivalent to limit point compactness if A is T_1 spaces, and is equivalent to http://planetmath.org/Compactcompactness if X is a metric space.