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## alternative characterization of Stone-Čech compactification

 ${\bf Canonical\ name} \quad {\bf Alternative Characterization Of Stonev Cech Compactification}$ 

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The Stone-Čech compactification of a space is the set of all ultrafilters  $^1$  with the topology generated by the Stone-basis.

<sup>&</sup>lt;sup>1</sup>Here, the term "utrafilter" is used to denote ultrafilters with respects to the topology of the space.