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Hausdorff compactifications of completely regular spaces. (English) Zbl 0984.54034
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The authors study a technique to obtain compact spaces from two fixed subsets of a semigroup with unit element. The technique is applied to obtain compactifications of completely regular Hausdorff topological spaces. A relationship is established between this compactification technique and other known ones.

Reviewer: [Anna Avallone \(Potenza\)](#)

MSC:

- 54D80 Special constructions of topological spaces (spaces of ultrafilters, etc.)
- 54D35 Extensions of spaces (compactifications, supercompactifications, completions, etc.)

Keywords:

[ring of continuous functions](#); [maximal ideal](#); [ultrafilter](#); [compactification](#)

Full Text: [EuDML](#)

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