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***Perfect compactifications of functions***

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**Abstract:** We prove that the maximal Hausdorff compactification  $\chi f$  of a  $T_2$ -compactifiable mapping  $f$  and the maximal Tychonoff compactification  $\beta f$  of a Tychonoff mapping  $f$  (see [P]) are perfect. This allows us to give a characterization of all perfect Hausdorff (respectively, all perfect Tychonoff) compactifications of a  $T_2$ -compactifiable (respectively, of a Tychonoff) mapping, which is a generalization of two results of Skljarenko [S] for the Hausdorff compactifications of Tychonoff spaces.

**Keywords:** Hausdorff (Tychonoff) mapping, compactification of a mapping, maximal Hausdorff (Tychonoff) compactification of a mapping, perfect compactification of a mapping

**AMS Subject Classification:** Primary 54C05, 54C10, 54C20, 54C25; Secondary 54D15, 54D30, 54D35