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Title: Some generalizations of the Stone Duality Theorem

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In this paper we obtain some extensions of the Stone Duality Theorem to the categories **BoolSp** and **PerfBoolSp** of zero-dimensional locally compact Hausdorff spaces and continuous (respectively, perfect) maps. We also prove some new Stone-type duality theorems for the cofull subcategories of the category **BoolSp** determined, respectively, by the skeletal maps, quasi-open perfect maps, open maps and open perfect maps.

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