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Correction to: “Notes on quotient maps”

Commentationes Mathematicae Universitatis Carolinae, Vol. 8 (1967), No. 1, 171

Persistent URL: <http://dml.cz/dmlcz/105100>

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CORRECTION TO NOTES ON QUOTIENT MAPS

Otomar HÁJEK

In the author's paper "Notes on quotient maps" (this journal, 7,3(1966), 319-232) the following three corrections should be carried out:

1. In the statement of Prop. 2, 3^o (p. 322, line 13) delete "compact".
2. In its proof, p. 322, line 6 from below, replace "compactification" by "augmentation".
3. Delete Corollary 3 (p. 323) in toto.

As Professor Michael kindly pointed out to the author, the original form of condition 3^o in Prop. 2 is a general property of quotient maps; indeed, it even holds for all locally compact Hausdorff spaces R (cf. Dugundji, Topology, p. 262, theorem 4.1). As concerns Corollary 3, enough could be salvaged from its proof to obtain that, for first countable Hausdorff spaces P , (quotient) \iff (cl) .