

Miroslav Hušek

Čech–Stone-like compactifications for general topological spaces

Comment.Math.Univ.Carolinae 33,1 (1992) 159-163.

Abstract: The problem whether every topological space X has a compactification Y such that every continuous mapping f from X into a compact space Z has a continuous extension from Y into Z is answered in the negative. For some spaces X such compactifications exist.

Keywords: compactification, mapping-extension

AMS Subject Classification: 54D35, 54C20