Jiří Spurný Banach space valued mappings of the first Baire class contained in usco mappings

Comment.Math.Univ.Carolin. 48,2 (2007) 269-272.

Abstract: We prove that any Baire-one usco-bounded function from a metric space to a closed convex subset of a Banach space is the pointwise limit of a usco-bounded sequence of continuous functions.

Keywords: Baire-one functions, usco map, usco-bounded sequence of continuous functions AMS Subject Classification: 54C60, 54E45, 26A21