

Year: 2009

Vol.: 75

Fasc.: 1-2

Title: On selections of general linear inclusions

Author(s): Kazimierz Nikodem and Dorian Popa

In this paper we prove that a set-valued map with closed, convex and uniformly bounded values in a Banach space, which satisfy a general linear inclusion, admits a selection that satisfies a general linear equation.

Address:

Kazimierz Nikodem
Department of Mathematics
University of Bielsko-Biała
Willowa 2
43-309 Bielsko-Biała
Poland

Address:

Dorian Popa
Department of Mathematics
Technical University of Cluj-Napoca
Str. C. Daicoviciu 15
400020 Cluj-Napoca
Romania