

Bornological projective limits of inductive limits of normed spaces

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Abstract

We establish a criterion to decide when a countable projective limit of countable inductive limits of normed spaces is bornological. We compare the conditions occurring within our criterion with well-known abstract conditions from the context of homological algebra and with conditions arising within the investigation of weighted PLB-spaces of continuous functions.

Original language	English
Pages (from-to)	227-242
Number of pages	16
Journal	Functiones et Approximatio, Commentarii Mathematici
Volume	44
Issue number	2
State	Published - 2011

Bonet, J., & Wegner, S. A. (2011). Bornological projective limits of inductive limits of normed spaces. Functiones et Approximatio, Commentarii Mathematici, 44(2), 227-242.