

The Spring Topology and Dynamics Conference 2009, March 7–9, 2009, University of Florida, Gainesville, FL, USA

INVERSE LIMITS WITH SET-VALUED FUNCTIONS

ALEXANDER CORNELIUS

Necessary and sufficient conditions are given for a compact subset of an inverse limit to be the inverse limit of its projections. Weak crossovers are introduced and used to describe the relationship between a set and the inverse limit of its projections. Also, conditions giving connected inverse limits are given.

BAYLOR UNIVERSITY

E-mail address: `Alexander.Cornelius@baylor.edu`