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Van C. Nall* (vnall@richmond.edu), Department of Mathematics and Computer Science,
University of Richmond, Richmond, VA 23173. *Inverse Limits with Set Valued Functions.*

An inverse limit with upper semi-continuous set valued functions on compact factor spaces is the most general compact subset of the product of the factor spaces that could be considered an inverse limit. We look at the dimension of such inverse limits and the question of what compact sets can be obtained with an inverse limit with a single factor space and a single set valued function. (Received August 22, 2008)