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**Scott M. Varagona\*** (varagsm@auburn.edu). *Amalgamating Factor Spaces of Generalized Inverse Limits.*

Inverse limits with upper semi-continuous bonding functions have become a popular topic in Continuum Theory. One of the many problems being studied is the following: if such an inverse limit space is a continuum, then how can we detect whether the inverse limit is decomposable, or indecomposable? In this talk, we show how to “amalgamate” an inverse limit’s factor spaces in order to write the inverse limit in an alternate form. We then apply this technique to help prove that certain inverse limit spaces are decomposable. (Received September 22, 2011)