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**James E Keesling\*** ([kees@ufl.edu](mailto:kees@ufl.edu)), Department of Mathematics, University of Florida, P.O. Box 118105, Gainesville, FL 32611-8105. *The Group of Homeomorphisms of Certain Inverse Limit Spaces.*

Many spaces in continuum theory are given as inverse limits. Attractors in dynamical systems can be shown to have that structure. Compact topological groups also have this structure with the inverse system consisting of Lie groups and the bonding maps continuous homomorphisms.

Even if the homeomorphisms are known for the spaces in the inverse system, the homeomorphisms of the limit may not be easily determined. This talk will examine the structure of the group of homeomorphisms for certain inverse limit spaces. (Received August 25, 2009)