Meeting: 1006, Lubbock, Texas, SS 1A, Special Session on Topology of Continua

1006-54-64 **James T. Rogers, Jr.*** (jim@math.tulane.edu), Department of Mathematics, Tulane University, New Orleans, LA 70118. *Injectivity and Intrinsic Rotations.*

Let G be a simply connected domain in the complex plane with a nonempty boundary. A homeomorphism h of G onto itself is an intrinsic rotation if h is analytically conjugate to a rotation of the unit disk in the plane. An intrinsic rotation h is extendible if h extends to a continuous function on the boundary of G. We discuss some theorems about the injectivity of the extension of h. (Received February 02, 2005)