

Meeting: 1006, Lubbock, Texas, SS 5A, Special Session on Recent Advances in Complex Function Theory

1006-30-17 **Zair Ibragimov*** (ibragizs@math.uc.edu), Department of Mathematical Sciences, University of Cincinnati, Cincinnati, OH 45221-0025, and **David Herron** and **David Minda**. *Geodesics and curvature of a Möbius invariant metric*. Preliminary report.

We discuss the geodesics and the generalized Gaussian curvature of the K-P metric for plane regions. We show that there are plenty of circular geodesic lines. We also show that its curvature is always between -1 and 0. (Received December 17, 2004)