

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

1006-30-127 **Shanshuang Yang*** (syang@mathcs.emory.edu), Department of Mathematics and Computer Science, Emory University, 400 Dowman Drive, Atlanta, GA 30322. *Asymptotically Symmetric Embeddings and Conformal Mappings*. Preliminary report.

The class of asymptotically symmetric (AS) embeddings was recently introduced in part to characterize symmetric quasicircles (or asymptotically conformal curves) in the plane. This class of maps is closely related to the well known class of quasymmetric (QS) embeddings. The purpose of this talk is to discuss some connections between asymptotically symmetric embeddings and conformal mappings in the plane. (Received February 11, 2005)