

1035-57-603

Fabiola Manjarrez-Gutierrez* (fabiola@math.ucdavis.edu), University of California,
Department of Mathematics, One Shields Avenue, Davis, CA 95616. *Circular thin position for
3-manifolds*. Preliminary report.

In this talk I will introduce the concept of circular thin position for a manifold, which is a generalization of thin position for manifolds which has been defined by Thompson and Scharlemann. Circular thin position arises from the study of a Morse function from the manifold to S^1 . (Received September 11, 2007)