

1087-05-216

**Hongyu He\*** (hongyu@math.lsu.edu), Baton Rouge, LA 70803. *Reconstruction of Graphs and Grassmannian.*

In this talk, I shall relate the reconstruction of graphs to the reconstruction of geometric simplices. I shall give a proof of Tutte's theorem about the reconstructibility of determinant. Then I will formulate a conjecture about the reconstruction of Grassmannian. (Received December 04, 2012)