1109-05-157 **Guantao Chen***, Dept. of Math and Stat, Georgia State University. *Forbidden Pairs for Spanning Halin Subgraphs.*

A *Halin graph* is a plane graph $H = T \cup C$ consisting of a spanning tree T with no vertices of degree 2 and a cycle C induced by the leaves of the tree T. The family of Halin graphs is a natural generalization of the family of wheels, where T is a star. Halin [**?**] constructed this family of edge-minimal 3-connected plane graphs, which are named *Halin graphs* by Lovász and Plummer. In this talk, we discuss forbidden subgraph conditions for graphs containing a spanning Halin subgraph. (Received January 29, 2015)