

Meeting: 998, Houston, Texas, SS 1A, Special Session on Graph Theory and Combinatorics

998-05-403 **Farhad Shahrokhi*** (farhad@cs.unt.edu), Dept. Of Computer Sci., UNT, Denton, TX
76203-1366. *On Pseudo-Transitive Graphs.*

A general combinatorial approach for solving a class of problems in discrete and computational geometry is presented. The method uses a generalization of Posets which we call Pseudo-transitive graphs. Some algorithms and structural results and their applications will be mentioned. (Received March 02, 2004)