

Meeting: 1006, Lubbock, Texas, SS 6A, Special Session on Real Algebraic Geometry

1006-57-52 **Patrick M Gilmer*** (gilmer@math.lsu.edu). *Arf invariants of links and real algebraic curves*. Preliminary report.

We give a generalization of a theorem of Fiedler's which prohibits some schemes for nodal maximal curves. This is obtained as a corollary of a more general result which is stated in terms of the Arf invariant of associated links. (Received January 30, 2005)