

ALGEBRA SEMINAR

Almost locally free groups and a theorem of Magnus, II

Dennis Spellman
Temple University

Abstract: Seven decades ago Wilhelm Magnus proved that if two elements r and s in free group have the same normal closure then s must be conjugate to either r or its inverse. I consider a sufficient condition for Magnus' theorem to extend to the class of fully residually free groups and a sufficient condition for Magnus' theorem to extend more generally to the class of residually free groups. I do not know if either condition holds.

Monday, November 10, 2008, 1:40 – 2:30 pm,
Wachman 617