Manhattan Algebra Day

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Profinite groups associated to symbolic dynamical systems

Friday, December 9, 2011
CUNY Graduate Center, Room C205
9:20 am

Abstract:
Jorge Almeida associated to each irreducible symbolic dynamical system a profinite group. He announced, and it was proved by his student Costa, that the profinite group is a conjugacy invariant. Here we survey recent progress on these groups, focusing on work of Almeida and Costa on minimal substitutional systems and of the speaker and Costa on sofic systems.