

Meeting: 999, Nashville, Tennessee, SS 13A, Special Session on Semigroup Theory

999-20-56

Mark Sapir* (m.sapir@vanderbilt.edu), Dept. of Mathematics, Vanderbilt University,
Nashville, TN 37240. *Extensions of endomorphisms of free groups to their pro-finite completions.*

Let V be a pseudovariety of finite groups. Let F be a free group. We can consider the corresponding pro- V -completion F' of F . We shall discuss conditions under which an injective homomorphism of F into another free group or into itself can be extended to an injective homomorphism of F' . This talk is based on joint work with Borisov, Coulbois and Weil. (Received July 30, 2004)