The Oliver Club

www.math.cornell.edu/~oliver/

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Manifestations of the Lamplighter

A group belongs to the Lamplighter if it is a wreath product of a finite group and an infinite group. The most classical examples are the wreath products of Z_2 by Z^n , but one can consider more sophisticated examples involving free groups, groups of intermediate growth or Burnside groups as the active group. We will present a survey of results from algebra, topology, amenability, growth, random walks, and operator algebras which were obtained using the Lamplighter construction.



Friday, May 6, 2011 at 4:30 PM in 251 Malott Hall

Refreshments will be served at 4:00 PM in the Mathematics Department lounge (532 Malott Hall).