1046-03-471 Andreas Blass* (ablass@umich.edu), Mathematics Department, University of Michigan, Ann Arbor, MI 48109-1043. Partition theorems and permutation groups. Preliminary report.
Several partition theorems, including Ramsey's and van der Waerden's, can be formulated in terms of permutation actions of certain groups. These formulations originally came up in the study of permutation models for set theory without the axiom of choice. More recently, they have acquired connections in other directions. (Received September 04, 2008)