

1116-20-173

Tuval Foguel* (tfoguel@adelphi.edu), Adelphi University, Garden City, NY 11530. *Partition Numbers of Finite Groups*.

A group partition is a group cover in which the elements have trivial pairwise intersection. Here we define the partition number of a group - the minimal number of subgroups necessary to form a partition - and examine some of its properties, including its relation to the covering number. (Received August 11, 2015)