1139-20-170   **Tuval Foguel*** (`tfoguel@adelphi.edu`), Department of Math and CS, Science Building, Room 416, One South Avenue, Garden City, NY 11530. *Partition Numbers of Finite Solvable 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 for solvable groups. Also, the role of GAP in this work is briefly discussed. (Received February 07, 2018)