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**Stephen Trefethen\*** (sjtrefethen@wm.edu). *Finite groups with the CUT property.*

A finite group  $G$  is said to have the CUT property if the integral group ring  $\mathbb{Z}G$  has only trivial central units, where a central unit is trivial if it is of the form  $\pm g$  for some  $g \in Z(G)$ . The question of classifying all finite groups with the CUT property was posed by Goodaire and Parmenter in 1986. Since then, abelian groups, metacyclic groups, nilpotent groups, and solvable groups with the CUT property have been classified. In this talk we present a complete list of the possible non-abelian composition factors of non-solvable finite groups with the CUT property. (Received September 17, 2019)