

1135-20-295

**Joseph Kirtland\*** ([joe.kirtland@marist.edu](mailto:joe.kirtland@marist.edu)), Department of Mathematics, 3399 North Road, Poughkeepsie, NY 12601. *Finite Groups with a Frattini Subgroup Property Satisfied by Nilpotent Groups*. Preliminary report.

Given a finite nilpotent group  $G$  and a Sylow  $p$ -subgroup  $P$  of  $G$ , then  $P \cap \Phi(G) = \Phi(P)$ . This talk will investigate finite groups that share this property. (Received August 21, 2017)