## 1056-20-1655

Margaret H. Dean<sup>\*</sup> (mdean@bmcc.cuny.edu), BMCC Math Department, 199 Chambers Street, Room N524, New York, NY 10007. The free metabelian product of a free nilpotent group with a free abelian group.

If two groups are residually- $\mathcal{P}$ , their free product is not necessarily so; however, it is known that the free product of residually torsion-free nilpotent groups is again residually torsion-free nilpotent. In this talk, I will discuss a new result for free metabelian products; namely, that the free metabelian product of a free nilpotent group of class two with a free abelian group is residually torsion-free nilpotent. (Received September 22, 2009)