

1116-20-2055      **Bir Kafle\*** (bkafle@pnc.edu), 1401 S. U.S. 421, Westville, IN 46391, and **Robert Perlis**. *Local Conjugacy in Nilpotent Groups*. Preliminary report.

Two subgroups  $H, H'$  of a finite group  $G$  are said to be Gassmann equivalent if each conjugacy class of  $G$  intersects  $H$  and  $H'$  in the same number of elements. Gassmann equivalent subgroups are also locally conjugate in  $G$ . In this talk, we will discuss the local conjugacy in nilpotent groups. We will also present a construction of a finite group with locally conjugate subgroups which are pairwise non-conjugate. (Received September 21, 2015)