1035-16-44   **G Alan Cannon**, **Carl J Maxson** and **Kent M Neuerburg*** (`kneuerburg@selu.edu`), Department of Mathematics, SLU Box 10687, Hammond, LA. *Rings determined by covers of groups.* Preliminary report.

Let G be a group and C be a set of abelian subgroups of G which form a cover of G. Let $M_0(G)$ be the nearring of zero-preserving functions from G into G. Let R(C) be the set of functions in $M_0(G)$ which are linear maps of each subgroup in C into itself. R(C) is always a ring. We discuss which covers yield rings having certain properties; e.g., simple, maximal in $M_0(G)$, minimal in $M_0(G)$. (Received June 22, 2007)