1116-20-840   **Peter Loth*** (`lothp@sacredheart.edu`), Department of Mathematics, Sacred Heart University, 5151 Park Avenue, Fairfield, CT 06825. *Abelian groups with partial decomposition bases.* Preliminary report.

Warfield groups are defined to be abelian groups possessing a nice decomposition basis with simply presented cokernel. Generalizing the concept of decomposition basis, C. Jacoby developed the class of abelian groups with partial decomposition bases in order to extend Barwise and Eklof's classification of torsion groups in $L_{\infty\omega}$ to Warfield groups. In this talk, we study the class of groups with (partial) decomposition bases relative to Warfield groups. (Received September 14, 2015)