1078-03-35 **John Goodrick**, **Byunghan Kim** and **Alexei Kolesnikov*** (`akolesnikov@towson.edu`), Department of Mathematics, Towson University, 8000 York Rd., Towson, MD 21252.
Amalgamation functors and homology groups in model theory, part II.

This talk will continue the exposition of the work by John Goodrick, Byunghan Kim, and Alexei Kolesnikov. We will present examples illustrating the main notions, outline the proof of the "Prism Lemma" (an important technical result used in the calculation of the homology groups). Finally, we will compute the group H_2 for strong types in stable theories and show that any profinite abelian group can occur as the group H_2 in the model-theoretic context. (Received November 03, 2011)