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**Elijah James Stines\*** (ejstines@iastate.edu). *Abelian Quasi Ordered Groups.*

In this talk we shall discuss results concerning the category **QAb** of abelian quasi ordered groups with order preserving morphisms. Specifically, we shall construct an isomorphic category and an adjunction with the category **Set<sup>m</sup>**, the category of set monomorphisms, which will be seen to be monadic.

We shall also discuss some other adjoint situations between the categories of **QAb**, partially ordered groups, and lattice ordered groups. (Received December 13, 2010)