

ROGER SMITH, Texas A&M University, College Station, TX 77843, USA

*The Pukanszky invariant in group factors*

In 1960, Pukanszky associated to each maximal abelian self-adjoint subalgebra (masa) in a finite factor an isomorphism invariant which is a subset of the extended natural numbers. The primary examples of factors arise from groups, and abelian subgroups give examples of masas. In this talk I will describe how to compute the Pukanszky invariant, and show how this can be used to give new examples of the invariants that can arise.

This is joint work with Allan Sinclair.