

**Meeting:** 999, Nashville, Tennessee, SS 4A, Special Session on Universal Algebra and Lattice Theory

999-06-178

**M. E. Adams, K. V. Adaricheva** and **W. Dziobiak\***, Department of Mathematics, University of Puerto Rico, Mayaguez, PR 00681, and **A. V. Kravchenko**. *Open Questions Related to the Problem of Birkhoff and Maltsev.*

The Birkhoff-Maltsev problem asks for a characterization of those lattices each of which is isomorphic to the lattice  $L(\mathbf{K})$  of all subquasivarieties for some quasivariety  $\mathbf{K}$  of algebraic systems. The current status of this problem, which is still open, is discussed. Various unsolved questions that are related to the Birkhoff-Maltsev problem are considered. (Received August 22, 2004)