

**JOINT COLLOQUIUM
OF THE
DEPARTMENT OF MATHEMATICS AND STATISTICS
AND
MATHEMATICAL SCIENCES GROUP**

Friday, February 27, 2004
4:00 p.m.
Arts 208

SPEAKER

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TITLE

Some questions of the theory of partial ordered groups

ABSTRACT

- Section 1: A partial orders of the group $\text{Aut}(\mathbb{Q})$
In this section we give a description of all minimal and maximal partial orders of the group $\text{Aut}(\mathbb{Q})$ of all ordered permutations of the set of rational numbers \mathbb{Q} .
- Section 2 : On Dlab groups
In this section we examine some questions of total ordering for Dlab groups.
- Section 3 : On numbers of right orders of a locally indicable group
We shall show that not exists a locally indicable group wich has a infinite countable set of right orders.