



Pacific Institute for the
Mathematical Sciences

PIMS Distinguished Visitor Series

MATHEMATICS & COMPUTER SCIENCE

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Title: Isomorphism problem for Cayley combinatorial objects

Abstract: A Cayley object over a finite group H is any relational structure R with point set H which is invariant under the group of right translations. The well-known examples of Cayley objects include Cayley graphs, Cayley maps, group codes etc. The isomorphism problem for Cayley objects may be formulated as follows: Given two combinatorial objects over the group H , find whether they are isomorphic or not. In my talk I'll present the old and the new results which solves the above problem for different classes of objects.

EVERYONE WELCOME!

Light refreshments

Friday—October 14, 2016

12:00 to 12:50 p.m.

UHall D634