Department of Mathematics and Statistics

COLLOQUIUM
Tuesday, April 15, 2014

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Symmetries of Tetravalent Metacirculant Graphs of Type III

Abstract: This talk will examine tetravalent metacirculant graphs of type III, specifically those that are possibly edge-transitive. The goal is to classify all possible tetravalent edge-transitive metacirculant graphs of type III. In doing so, LR structures, which possibly generate edge-transitive graphs, will be examined. Properties, restrictions, and isomorphisms of the parameters of type III graphs will be examined and eventually a few infinite families of LR structures will be introduced.

4:00 – 5:00 pm
Adel Mathematics Bldg., Room 164
(refreshments at 3:45)

ACGT Seminar:
Tuesday, April 15, **11:20 – 12:20 pm**, AMB 221. Speaker: Michael Falk (NAU),
Title: The poset of pairs in a Coxeter group, and the Charney-Davis conjecture (continued).

Special Seminar (in the AMS time slot**):**
Thursday, April 17, 12:45 – 1:35 pm, AMB 224.
Speaker/Facilitator: Jeff Hovermill, Title: Teachers' Concept of Function.
Please refer to Dr. Hovermill's email for a description.

Friday Afternoon Undergraduate Mathematics Seminar (FAMUS):
Friday April 18, 3:00 – 4:00 pm, AMB 164
Speaker: TBA, Title: TBA, Faculty guest: TBA.