NORTHERN ARIZONA UNIVERSITY

Department of Mathematics and Statistics

COLLOQUIUM
Tuesday, October 27th, 2015
4:00 – 5:00 pm, Adel Mathematics Bldg., Room 164
(refreshments at 3:45)

Dr. Nándor Sieben
NAU Department of Mathematics

Sabbatical Report

Abstract: Given a distribution of pebbles on the vertices of a connected graph, a pebbling move removes two pebbles at a vertex and places one pebble at an adjacent vertex. One pebble is the cost of transportation. A vertex is t-reachable if t pebbles can be moved to the vertex using pebbling moves. The t-pebbling number of a graph is the minimum number of pebbles that ensures that any vertex is t-reachable from any initial distribution of the pebbles. We determine the t-pebbling number of the complete graph with a missing edge.

Algebra Combinatorics Geometry and Topology (ACGT) Seminar meets every Tuesday, 12:45 – 1:45 pm, AMB 164.

Applied Math Seminar (AMS) will meet occasionally on Thursdays, 12:45 – 1:45 pm, AMB 164, as announced.

Friday Afternoon Undergraduate Mathematics Seminar (FAMUS) meets Fridays, 3pm, AMB 164.