

Wednesday, October 17., 2007

Root Hall A186, ISU

12:00 p.m., noon

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THE RAMSEY NUMBER FOR HYPERGRAPH CYCLES

The *Ramsey number* of an r -uniform graph H is the smallest integer n such that every 2-coloring of the edge set of $K_n^{(r)}$, the complete r -uniform graph with n vertices, will yield a monochromatic copy of H . Ramsey numbers are generally difficult to determine even for graphs. In this talk we will give the Ramsey number for 3-uniform cycles.

For more information write to jajcay@cayley.indstate.edu
or visit <http://marilyn.indstate.edu/jajcay/seminar.html>