

Combinatorics Seminar

Friday, April 22, 2005

3:00 pm in Hume 331

(Refreshment will be served at 2:30pm in Hume 307)

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Ramsey Unsaturated and Saturated Graphs

ABSTRACT

A graph is Ramsey unsaturated if there exists a proper supergraph of the same order with the same Ramsey number, and Ramsey saturated otherwise. Conjectures and results concerning both Ramsey saturated and unsaturated graphs will be presented. In particular, cycles and paths of order five or more will be shown to be unsaturated.