

BI-CO MATHEMATICS
COLLOQUIUM

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"Planar Graphs with Many Perfect Matchings"

Monday, April 4, 2016

Talk at 4:00 - H109

Tea at 3:30 - KINSC Math Lounge, H208

Abstract:

We will discuss upper and lower bounds on the number of perfect matchings contained in a planar graph with n vertices. These results can be used to determine bounds on the number of Hamiltonian cycles in a planar graph, a problem where determining exact results is particularly difficult (#P-complete).

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