Combinatorics Seminar

Thursday, Oct. 28, 2010
2:00 pm in Hume 321

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Long cycles in 3-connected graphs with bounded degrees

ABSTRACT

In 1993 Jackson and Wormald conjectured that if G is a 3-connected n-vertex graph with maximum degree $d \geq 4$ then G has a cycle of length $\Omega(n^{\log_d - 1})$. In this talk, I will report progresses on this conjecture and related problems.