Combinatorics Seminar

Counting restricted orientations of random graphs

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Abstract: Following a suggestion of Erdos (1974), Alon and Yuster (2006) investigated the maximum number of orientations graphs of a given order admit if we forbid copies of a fixed tournament. We discuss the analogous problem in which certain restricted orientations of typical graphs of a given order and a given number of edges are considered.

This is joint work with M. Collares (Belo Horizonte), R. Morris (Rio de Janeiro) and G. O. Mota (Sao Paulo).

Monday, September 25, 2017, 4:00 pm
Mathematics and Science Center: W302

Mathematics and Computer Science
Emory University