

# Combinatorics and Probability Theory

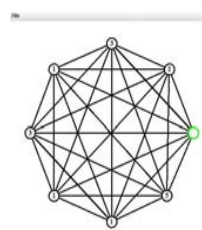


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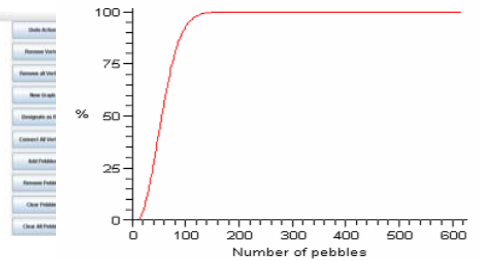
PhD in Mathematics (2002), Arizona State University  
 BA in Applied Mathematics and Computer Science (1991),  
 Moscow State University, Russia  
 Areas of expertise: Combinatorics and Graph Theory,  
 Probability Theory and Statistics

Grants and Awards:  
 HHMI Interdisciplinary Grant, 2007  
 Project NExT fellowship, 2003-2004  
 NSF-REU Grant 2005, 2006  
 SIAM Graduate Student grant, 2002  
 Fellowship for Excellence in Studies, Moscow State U.

Publications:  
 ("The pebbling threshold of the square of cliques" (with G. Hurlbert), *J. Discrete Math.*, *accepted*, 2007  
 "Thresholds for families of multisets, with an application to graph pebbling" (with G. Hurlbert, G. Brightwell and A. Czygrinow), *Discrete Math.* 269 (2003), no.1-3, pp. 21-34.  
 "Do dogs know calculus? A statistical investigation" (with T. Pennings and T. Swanson) *STATS*, 41 (2004), pp. 10-13.  
Acknowledgements: NSF REU, HHMI

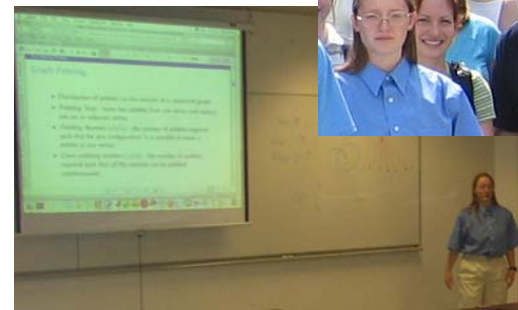


Pebbling Applet



Threshold

Undergraduate Conference



Description of Class 1 graphs

