



UNIVERSITY OF LETHBRIDGE

Department of Mathematics & Computer Science

Dr. Joy Morris

(University of Lethbridge)

THE PROBABILISTIC METHOD

Abstract: Paul Erdős is well-known for the number and breadth of his publications. His most significant contributions to combinatorics involved using the "probabilistic method:" proving that various objects must exist by developing a probability model and proving that the probability of finding such an object is strictly greater than 0. I will introduce the probabilistic method, and work through examples of several theorems that can be proved using this method.

Visit the seminar page at <http://www.cs.uleth.ca/~nathanng/ntcoseminar.html>



Monday—March 19, 2012

12:00—12:50 p.m.

E575

Everyone Welcome!