



Institute for Mathematics and its Applications

IMA Public Lecture Series
MATH MATTERS

Mathematics and Magic Tricks

125 Willey Hall
225 19th Avenue South
University of Minnesota
Minneapolis

Wednesday
April 19, 2006
7:00 pm



Persi Diaconis

Mary V. Sunseri Professor of Statistics
and Mathematics
Stanford University

Sometimes the way a magic trick works is even more amazing than the trick itself. I will illustrate with some performable tricks that seem to fool magicians. The math involved has application to breaking and entering, robot vision, cryptography, random number generation, and DNA sequence analysis.