Discrete Mathematics Seminar

Time: Friday, 26 October 2012, 1:30-2:30 PM
Room: 238 Derrick Hall
Title: The Probability Distributions Associated with the Encoding of Natural
            Numbers as Nested Parentheses Strings
Speaker: Dr. Robert Ogden, Department of Computer Science (retired)

Abstract:

In this talk I will review properties of the Catalan numbers and the associated numerical joining. I will define a family of probability distributions on N = {0,1,2,...}, believed to be new, and I will outline some of their properties, including a curious "fixed point" property which they share, namely, that the space is isomorphic to its own sampling space.