Discrete Mathematics Seminar

Time: Friday, 21 September 2012, 1:30-2:30 PM
Room: 238 Derrick Hall
Title: Properties of k-Residue
Speaker: Randy Davila, Department of Mathematics, Texas State University
           David Amos, Department of Computer and Mathematical Science, University
           of Houston - Downtown

Abstract:

The $k - residue$, given by a polynomial time algorithm on a graphic degree sequence of some graph G, is a known lower bound for $k - indepedence\ number$ for G. In this presentation, a brief history of the development and uses of $k - residue$ is given, followed by a summary of current research and results, developed by the authors. This is joint work with Dr. Ryan Pepper of University of Houston – Downtown.