

Dr. Kenneth Roblee

Recent Research publications:

1. Some extremal problems for edge-regular graphs (with Tom Smotzer, P.D. Johnson, Jr., and Kris Coolsaet), awaiting publication in *Ars Combinatoria*.
2. Some Conditions for Edge-Regularity (with Peter Johnson and Robert McNellis), *Congressus Numerantium*.
3. Non-Existence of a Nearly Extremal Family of Edge-Regular Graphs (with P.D. Johnson, Jr.), *Congressus Numerantium, Vol. 203*, 2010, pages 161-166.

Recent Research presentations:

1. "On an Infinite Family of Edge-Regular Graphs" (with Kelly Bragan, James Hammer, and P.D. Johnson, Jr. of Auburn University), *42nd Southeastern International Conference on Combinatorics, Graph Theory, and Computing*, March 8, 2011.
2. "On specific graph parameter values implying edge-regularity " (with Robert McNellis of Troy University), *42nd Southeastern International Conference on Combinatorics, Graph Theory, and Computing*, March 8, 2011.
3. "Friendship in Edge-Regular Graphs" (with Kelly Bragan, James Hammer, and P.D. Johnson, Jr. of Auburn University), *42nd Southeastern International Conference on Combinatorics, Graph Theory, and Computing*, March 8, 2011.
4. "Clique Friendship in Edge-Regular Graphs" (with Kelly Bragan, James Hammer, and P.D. Johnson, Jr. of Auburn University), *42nd Southeastern International Conference on Combinatorics, Graph Theory, and Computing*, March 8, 2011."
5. "Non-Existence of an Extremal Family of Edge Regular Graphs," 3. Research presentation at *41st Southeastern International Conference on Combinatorics, Graph Theory, and Computing*, March 8, 2010.