

MATHEMATICS SEMINAR



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ZERO DIVISOR GRAPHS OF COMMUTATIVE RINGS

Thursday, March 24, 2016

3:30 pm – 4:30 pm

Marieb Hall Room 200

The zero divisor graph of a commutative ring is a visual depiction of the relationship of the zero divisors in a ring. These are (nonzero) elements whose product is 0, so they are considered “divisors of zero.”

Since their introduction by Beck in 1988, much work has been done on the subject of zero divisor graphs, partly due to their position at the intersection of algebra and combinatorics.

Many interesting and accessible questions can be asked and answered without resorting to sophisticated tools or methods of proof.

Some of the work that will be presented is joint work with an FGCU undergraduate student.

Light Refreshments will be provided

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