CCSU department of mathematical sciences COLLOQUIUM

Friday, February 26 2:00 – 3:00 PM Maria Sanford, Room 101

RECIPROCITY LAW IN PUTNAM PROBLEMS (CONTINUED)

MARIAN ANTON

CENTRAL CONNECTICUT STATE UNIVERSITY

<u>Abstract:</u> In the first talk we presented one proof of the reciprocity law based on permuting coset representatives and counting lattice points. In this second talk we will summarize the basic facts proved in the first talk and apply them to solve some problems from past Putnam competitions. This talk is self-contained, so everyone who did not attend the first talk can attend this one.

For further information: <u>gotchevi@ccsu.edu</u> 860-832-2839 http://www.math.ccsu.edu/gotchev/colloquium/