

CCSU
DEPARTMENT OF MATHEMATICAL SCIENCES

COLLOQUIUM

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

BEYOND ODD FUNCTIONS TO PLATONIC SOLIDS

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Abstract: Odd functions are those which commute with the minus sign and they get their name because they only occur in odd degrees. Given any finite subgroup G of $PGL_2(\mathbb{C})$ we can similarly speak of rational functions which commute with elements of G . In this talk we will figure out the degrees in which such functions occur for a given choice of G . The tool is a decomposition of a function into a divergence and the fixed-point divisor, and comes from Clebsch-Gordon formula.

For further information:
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