CCSU

DEPARTMENT OF MATHEMATICAL SCIENCES

COLLOQUIUM

Friday, April 8
3:00 – 4:00 PM
Maria Sanford, Room 101

THE LINEAR ALGEBRA OF GROUP ACTIONS

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Abstract: An abstract finite group can be represented as a group of permutations or as a group of linear maps. Each group of permutations induces a group of linear maps by a construction known as 'linearization'. In this talk we discuss a recent result about the kernel of this linearization map when the group is an abelian p-group. The technique reveals a 'symbolic world' of group actions that could be of general interest.

To join us online use the following link: https://ccsu.webex.com/meet/gotchev

For further information: gotchevi@ccsu.edu; 860-832-2839; https://web.ccsu.edu/colloquium/