CCSU
DEPARTMENT OF MATHEMATICAL SCIENCES

COLLOQUIUM

Friday, February 28
3:00 – 4:00 PM
Maria Sanford, Room 101

RECONSTRUCTION OF PERSYMMETRIC JACOBI MATRICES AND ITS RELATION TO THE PERFECT QUANTUM STATE TRANSFER

ANASTASIIA MINENKOVA
UNIVERSITY OF HARTFORD

Abstract: I will discuss how to blend research problems into the classrooms to enhance a linear algebra course. In particular, I will present an elementary approach to the reconstruction of persymmetric Jacobi matrices from their eigenvalues and the application of this algorithm to the perfect quantum state transfer. This talk is accessible for undergraduate students who took linear algebra.

To join us online use the following link: https://ccsu.webex.com/meet/gotchev
For further information: gotchevi@ccsu.edu; 860-832-2839; http://mathcolloquium.sites.ccsu.edu/