

Undergraduate Math Colloquium

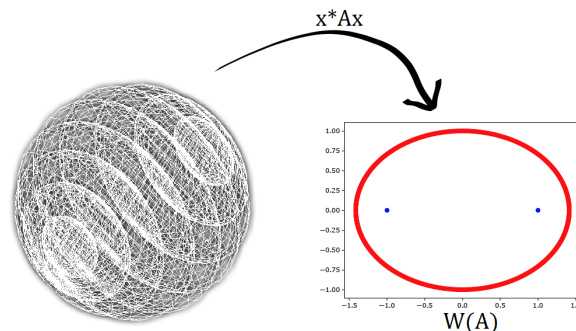
Friday, October 26th 3:00-4:00pm

Durham Science Center Room 115

A Century at Home on the (Numerical) Range

By Dr. Rebekah Yates, Houghton College

One hundred years ago, the German mathematician Otto Toeplitz published a paper in which he defined the Wertvorrat, a subset of the complex plane that captures some of the essential information about bounded linear operators on Hilbert spaces. In the ensuing century, mathematicians of many specialties have studied this set that we today call the numerical range. Restricting our focus to the context of matrices, we will explore some of the properties of this fascinating set and some current research in this area. We'll introduce/review linear algebra topics as needed along the way so that everyone can feel at home on the numerical range.



Math Social with Pizza

Friday, October 26th 4:00-5:00pm

Durham Science Center, 2nd Floor Foyer

Please join the UNO Math Department for a math social with refreshments and pizza provided. Come and chat with other math enthusiasts, ask the speaker questions, or browse the **speaker's collection of math-related children's books.**

All are welcome to join!