



THE DEPARTMENT OF MATHEMATICAL SCIENCES PROUDLY PRESENTS

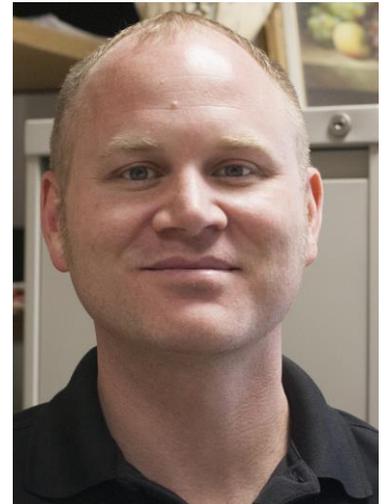
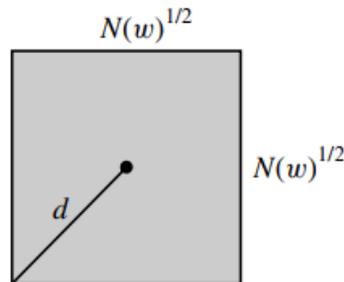
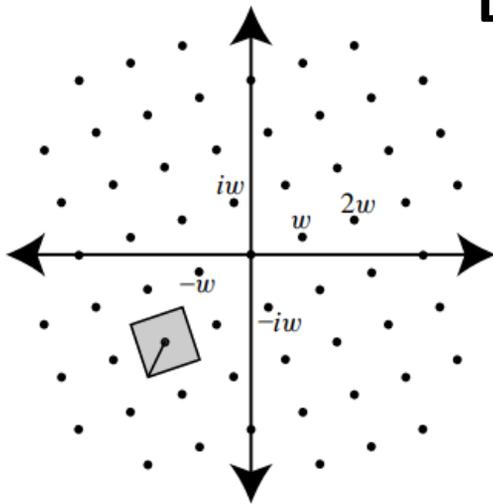
COLLOQUIUM

Fall 2023

Visual Proofs

Dr. Jack Calcut
Oberlin College

Oct-03-2023
10:30 am



Abstract

Visualization is fundamental to mathematics. The late Fields Medalist Bill Thurston began practicing visualization every day as a first grader. We will practice our visualization and will present visual proofs from combinatorics, analysis, geometry, and topology. Important questions arise including: are visual proofs rigorous?

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