Department of Mathematics and Statistics Colloquium

Counting Faces of Polytopes

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Abstract: We have all encountered Eulers relation for three-dimensional convex polyhedral, V-E+F=2. But what other conditions must hold? And what happens in higher dimensions? We will survey some progress, including significant progress over the last 35 years or so and as yet unanswered questions.

Tuesday, March 17 at 3:45 in Roop 103

refreshments at 3:30