

Talk Math 2 Me

Friday October 21, 2016

DERR 113

12:00pm–12:55pm

The Golden Triangle

Elise Garcia

Abstract

The golden triangle, sometimes also called the sublime triangle, is an isosceles such that the ratio of the hypotenuse a to base b is equal to the golden ratio, $a/b = \phi$. Golden triangles and gnomons can be dissected into smaller triangles that are golden gnomons and golden triangles. Successive points dividing a golden triangle into golden gnomons and triangles lie on a logarithmic spiral.

These Are Not the Graphs You Are Looking For: An Introduction to Graph Theory

Ellen Robinson

Abstract

What is a graph? The graphical structures in this talk are not the graphs you would normally see in a college algebra class. We will examine the information that these graphs hold, how we can organize this information into matrices, and even see an important theorem called the Matrix Tree Theorem.