

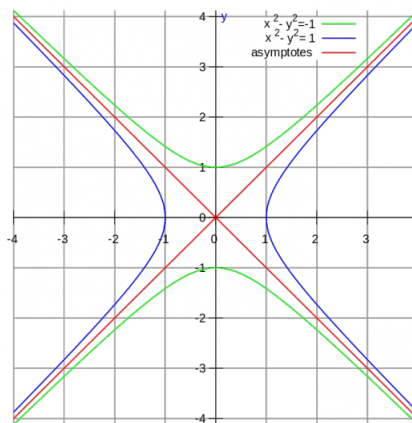
Secret Student Seminar

Experimental Algebra & Geometry Lab

Complex, Hyperbolic, and Dual Numbers

Ramiro Castillo

Department of Mathematics
University of Texas-Pan American



Abstract

We define the hyperbolic, complex, and dual numbers and show that they are the only examples of two dimensional number systems. We then look at Euler's formula in all three systems.

Date: Friday, April 26, 2013

Time: 2:00pm–3:00pm

Place: MAGC 1.302

Pizza and soda will be served at the presentation.

For further information or for special accommodations, please contact Dr. Sean Lawton via email at lawtonsd@utpa.edu.