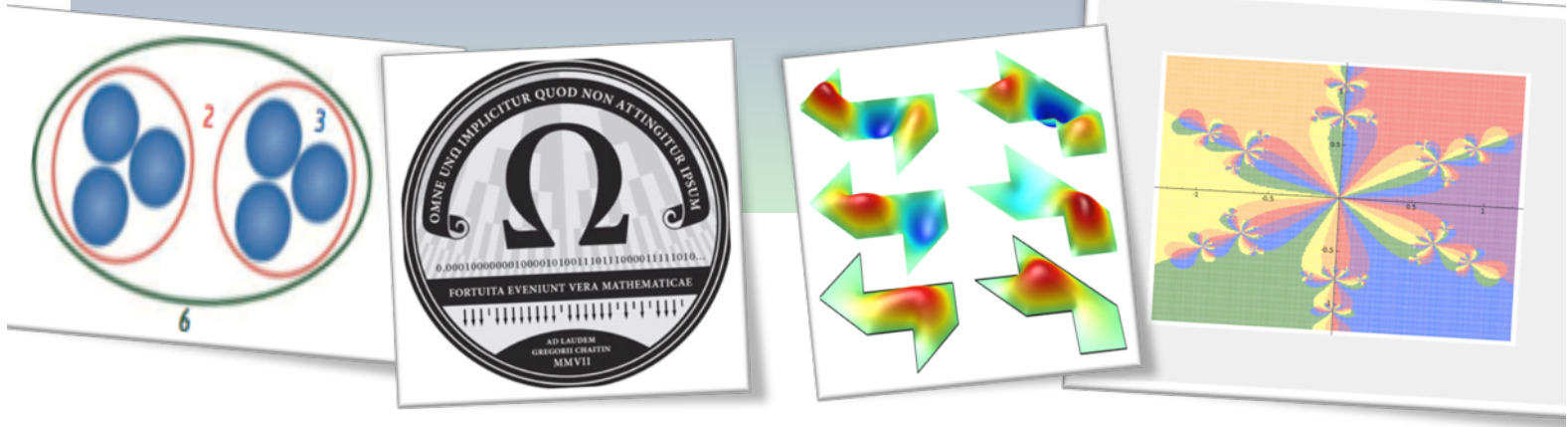# Math (Enthusiast) Series

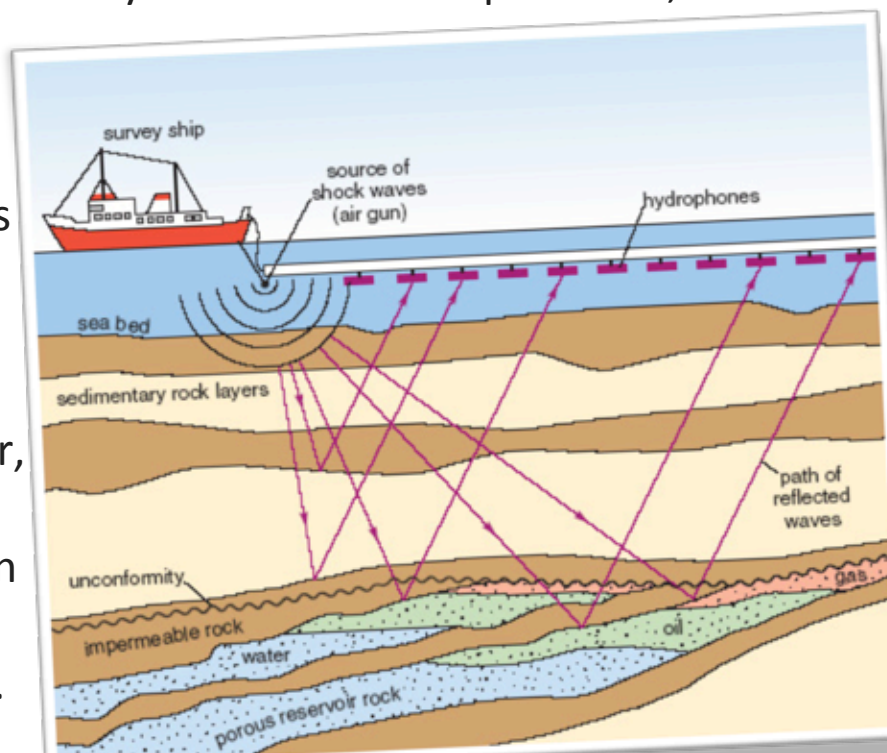Joy 110 @ 3:15 unless otherwise indicated

Everyone interested in mathematics is welcome to attend TMath 450's presentations most Tuesdays of Winter quarter (and some Thursdays!)

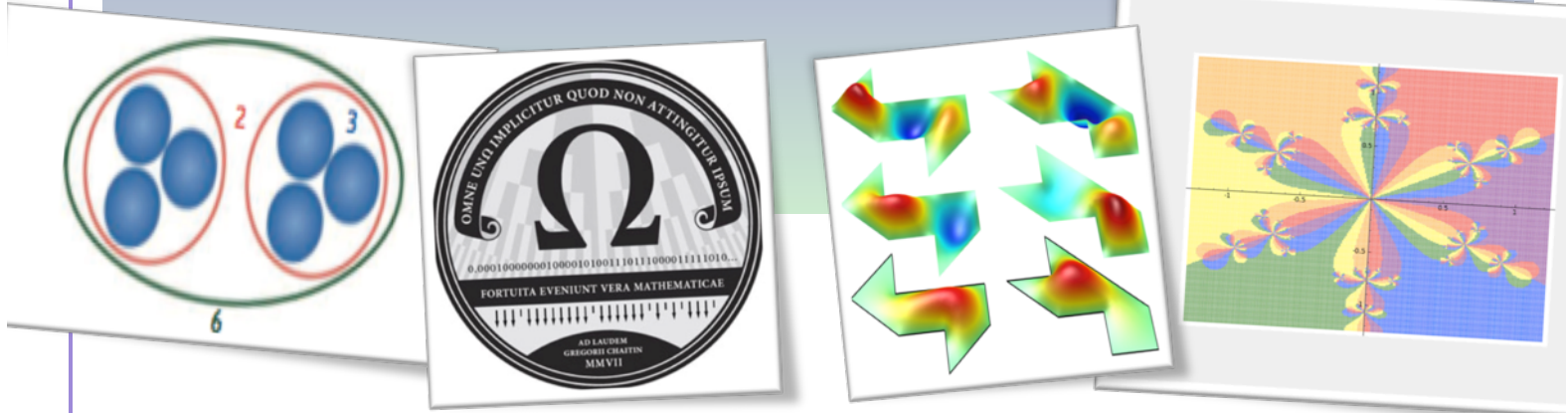1/17/17 Tuesday | Dr. Yajun An (PLU, applied math)

A brief Introduction to Finite Difference Methods

We will discuss applied math from a pure math point of view: what it is and why we care about it. An important area of applied math is the numerical solution of partial differential equations. These numerical methods simplify the solution of many well understood problems, as well as giving approximate solutions when pure methods do not suffice. We will talk about finite difference schemes for solving partial differential equations, and how these schemes can be designed for different purposes. In particular, we will talk about schemes designed for minimizing error in wave speed computation with applications in seismic imaging.
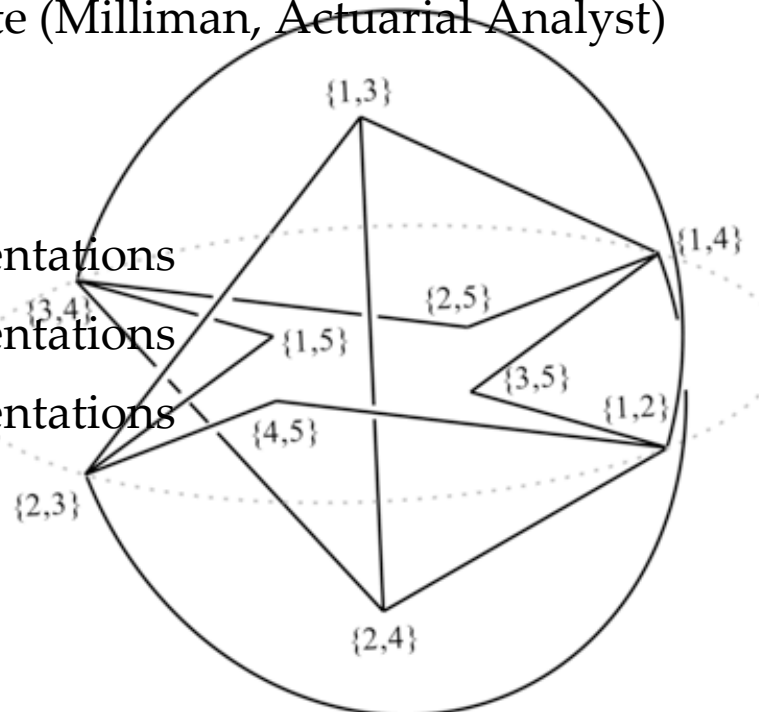
Math (Enthusiast) Series

Joy 110 @ 3:15 unless otherwise indicated

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1/10/17 Tuesday	Dr. Courtney Thatcher (UPS, topologist)
1/17/17 Tuesday	Dr. Yajun An (PLU, applied mathematician)
1/24/17 Tuesday	Kari Treese (teacher & UWT alumn)
2/9/17 **Thursday**	Dr. Rob Fisette (Milliman, Actuarial Analyst)
2/21/17 @**4:05pm**	Career Panel
2/28/17 Tuesday	Speaker TBD
3/7/17 Tuesday	Student Presentations
3/9/17 **Thursday**	Student Presentations
3/16/17 **Thursday**	Student Presentations

Petersen embedding with Z4 symmetries