

Lecture 28: Last Lecture!

COMPSCI/MATH 290-04

Chris Tralie, Duke University

4/26/2016

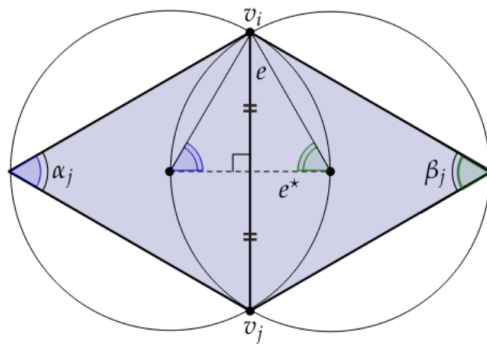
Announcements

- ▷ Group Assignment 3 Final Deadline Tonight
- ▷ Last office hours this Thursday
- ▷ Final Project Videos due **Sunday 5/1**
- ▷ Final Project Feedback due Monday 5/2
- ▷ Final Project Deliverables due Tuesday 5/3
- ▷ Grades coming in soon!

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Cotangent Weights: Voronoi Area Interpretation



First Item: 3D Scan of Head, 6 draws

Second Item: 3D Printed Head, 3 Draws

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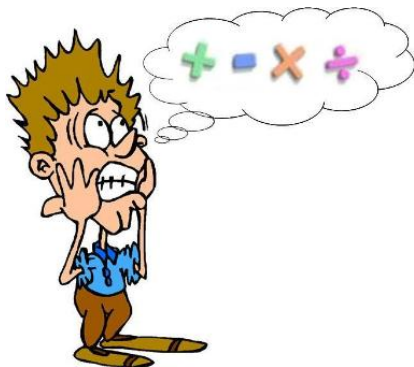
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- ▷ 200-level course! Focus on *fundamentals*
- ▷ Practical skills and applications (Javascript/Python/Numerical Coding)...
- ▷ ...but also *straight up math* in a visual way
- ▷ Meant to take everyone out of their comfort zones

Setting the Bar High...

...but largely keeping that a secret



Overcoming Math Fear



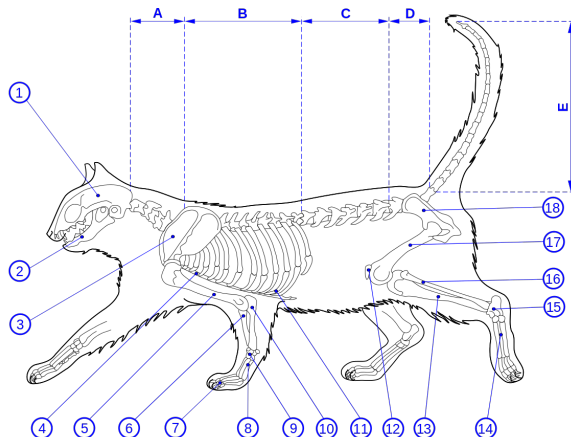
<http://www.kids-activities-learning-games.com/images/math-anxiety.jpg>

Most common fear in beginning of class survey, but *everyone* stepped it up. Congratulations!!!

Art Contests

Own your work, *be creative!*

Skeleton Code



Use the code in your own future projects!! It's all open source

Look At What You've Learned!

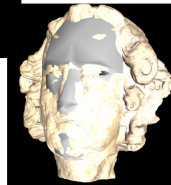
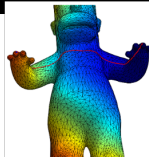
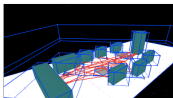
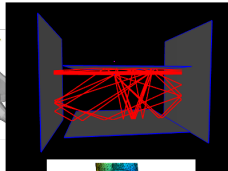
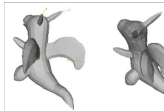
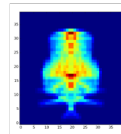
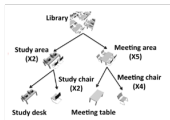
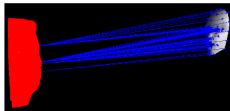
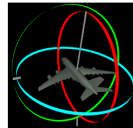
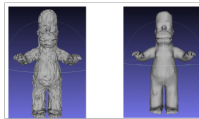
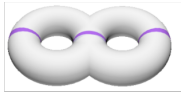


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...good! Keep going!

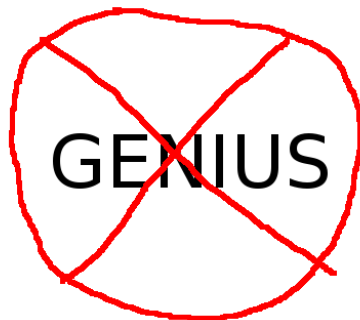
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Learning is a lifelong thing, things come into focus slowly over time

Geniuses?!

This class was a “no genius zone”. Everyone is capable



It's about working hard, challenging yourself, *struggling*, and growing

Nobody Is Special...

...but as a result, *everyone* is special! I really enjoyed getting to know you all

Two Secrets

1. I don't know everything (maybe that wasn't such a secret...).
This was important so you also weren't afraid to make mistakes
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1. I don't know everything (maybe that wasn't such a secret...). This was important so you also weren't afraid to make mistakes and admit you didn't know something!
2. You guys are so good, that I was really just your coach

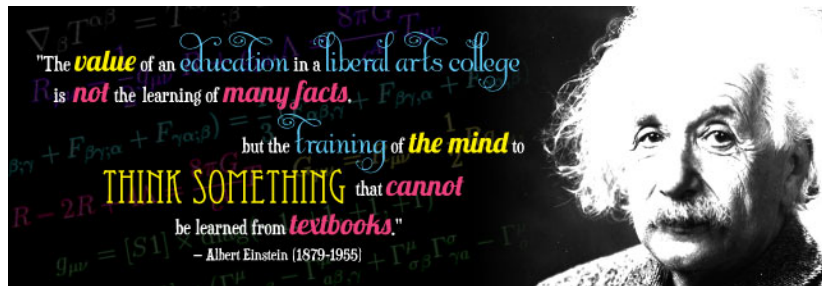




Get to know yourself and your values

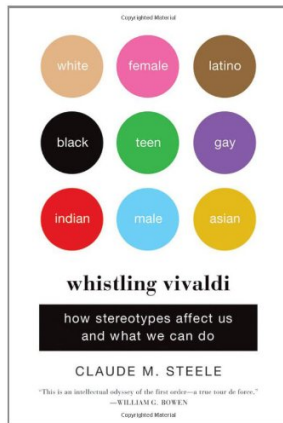
Liberal Arts

Be a patron and protector of the liberal arts!



There is a war being waged right now against the liberal arts.
Pick the correct side. You have the power

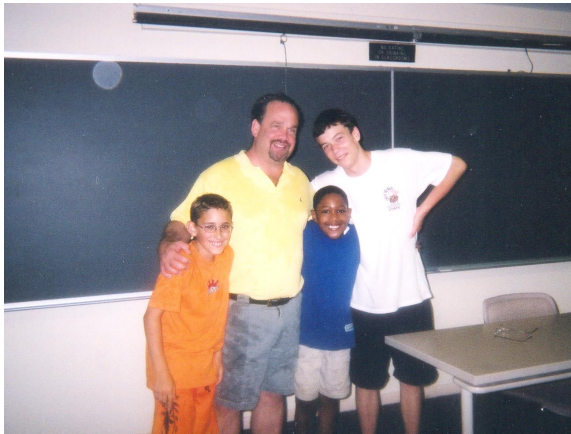
Stereotype Threat



This is a real thing, and it's been scientifically proven again and again. Be aware of it. Work to foster positive and inclusive environments

Thank you!!!

Teaching was my dream. You made my dreams come true this semester. Stay in touch!



Temple University Ambler Summer 2003, "Fun with Math, Science, And Computers"

