

Stony Brook Math Club and Graduate Student Seminar

Wednesday, March 17, Math P-131

This is the 4th of a series of meetings of the Stony Brook Math Club aimed to give undergraduate students a glimpse of actual math research and math related activities. If you are curious about and/or interested in math, do not hesitate to come.

12:50-1:45pm Alex Kunin, *Origametry*

This talk is in two parts. In the first, we consider some famous questions from Euclid's time, namely, how to trisect an angle and how to double the volume of a cube, neither of which could be accomplished with a compass and straightedge. However, with the power of paper folding, we will see that both of these problems, and more, are easy as can be.

In the second, we add some depth to our talk by talking about 3D geometry, starting with basic definitions then moving into stellations, augmentations, and how to create them with a few (dozen) pieces of paper!

1:45-2:15pm *Pizza social*

Alex Kunin is the president of the Stony Brook Math Club and an expert in origami; come and see for yourself.

Questions? E-mail Moira Chas at moira@math.sunysb.edu