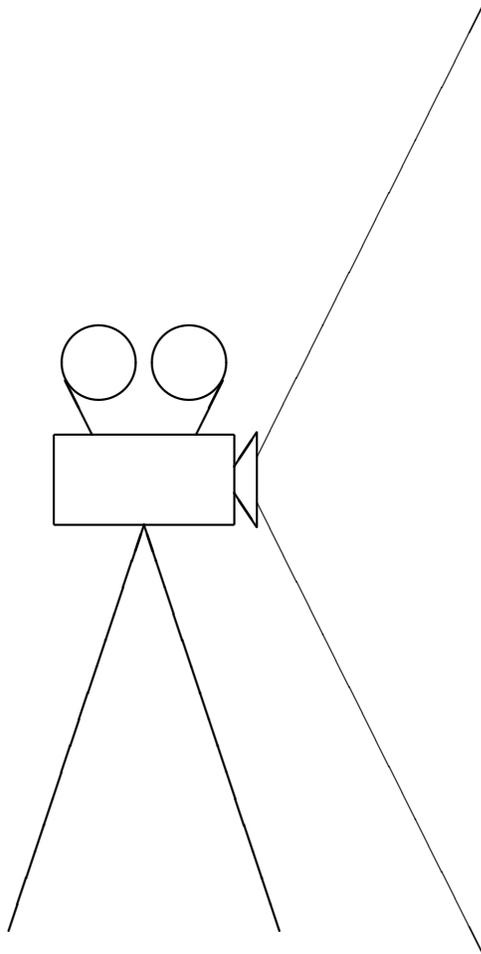


UNIVERSITY OF KENTUCKY

*Math Movie of the Month*

*presents:*



**Ancient  
Computer**

**A NOVA  
documentary**

**about  
an ancient  
computing machine**

“In 1900, a boatload of sponge divers discovered a 2,000 year-old Greek shipwreck. Among the ship’s cargo they hauled up was an unimpressive green lump of corroded bronze. Rusted remnants of gear wheels could be seen on its surface, suggesting some kind of intricate mechanism. The first X-ray studies confirmed that idea, but how it worked and what it was for puzzled scientists for decades. Recently, hi-tech imaging has revealed the extraordinary truth: this unique clockwork machine was the world’s first computer. An array of 30 intricate bronze gear wheels, originally housed in a shoebox-size wooden case, was designed to predict the dates of lunar and solar eclipses, track the Moon’s subtle motions through the sky, and calculate the dates of significant events such as the Olympic Games. No device of comparable technological sophistication is known from anywhere in the world for at least another 1,000 years. So who was the genius inventor behind it? And what happened to the advanced astronomical and engineering knowledge of its makers?” – 60 min

**Friday October 23, 2015**

**7:30pm in Classroom Building 106**

For more information see: [www.math.uky.edu/~movies](http://www.math.uky.edu/~movies)