

Fun with Numb3rs – the amazing entertainment of recreational mathematics

Ed Pegg Jr.

December 4th, at 4:00 p.m.

Abstract: How can you draw an ellipse that is tangent to the three midpoints of an arbitrary triangle? Marden's theorem provides a simple answer. Place the triangle in the complex plane, make a polynomial from the three corners, and take the derivative. Ed Pegg Jr. will discuss and demonstrate this piece of recreational mathematics, along with several dozen others. Time permitting, he will also discuss his 6 years of math consulting for the Numb3rs television show.