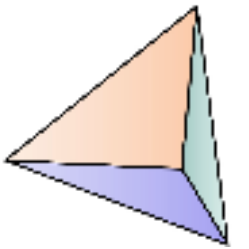
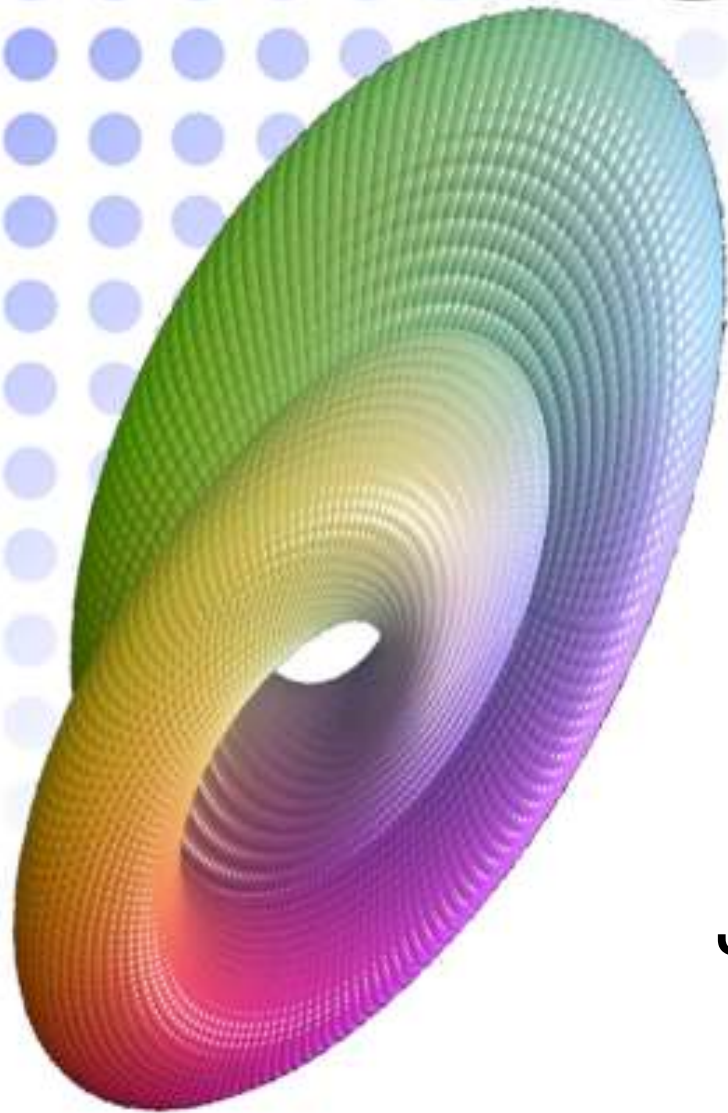


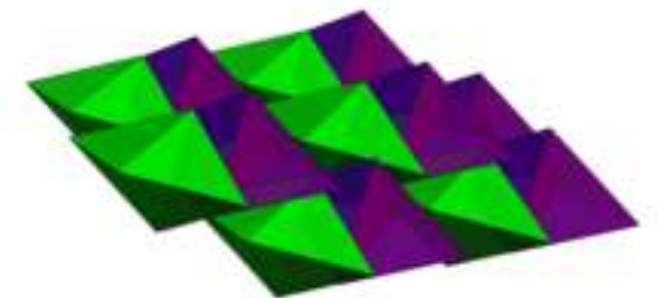
Michigan Math Club



Thursday at 4pm in EH1360
Pizza + pop outside afterwards!!



Packing Space with Regular Tetrahedra



Jeff Lagarias

16 November 2023



Packings and tilings of the plane and of space by identical copies of one figure have fascinated people since antiquity. They have been studied in mathematics, physics, materials science, architecture and art. We describe work on the problem of finding the densest packing of space by congruent regular tetrahedra.