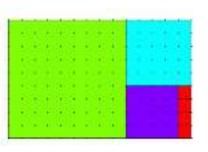
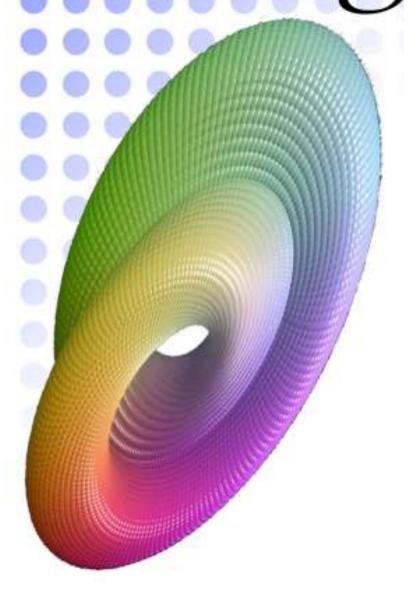
## Michigan Math Club







A stroll around the Euclidean Algorithm

Hyman Bass

19 October 2023



Have you ever wondered: What is the least perimeter of a square tiling of a ( $c \times s$ )-rectangle? OR What is the fewest number of cake pieces needed to equally share c cakes among s students? We will explore these questions, answering the second and then using it to answer the first!