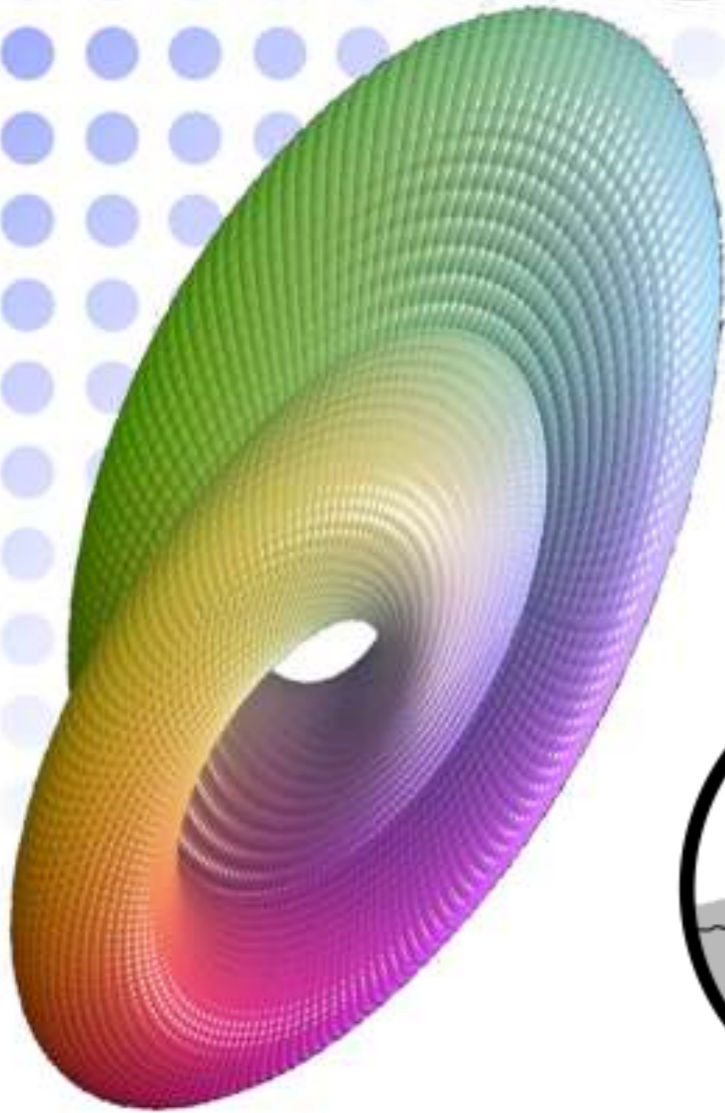


# Michigan Math Club

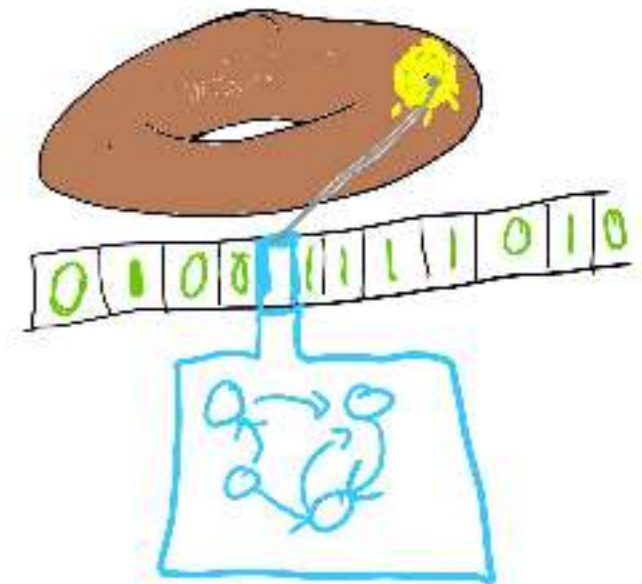
Meeting [virtually](#) for Winter 2021  
Thursdays at 4pm EDT

## The materials of mathematics



Bar Roytman  
UCLA

22 April 2021



Built into our historical mathematical tradition are many assumptions about the nature of truth and the fundamental mathematical concepts we work with. While no consistency crisis arose as of yet, the era of computers has called our framework into question. New patterns are appearing in the attempts to conceptualize mathematical objects through the lenses of computation. This talk is intended to serve as an introduction to the problem of finding a computer-friendly mathematical material and to discuss what we can learn from several non-comprehensive approaches.