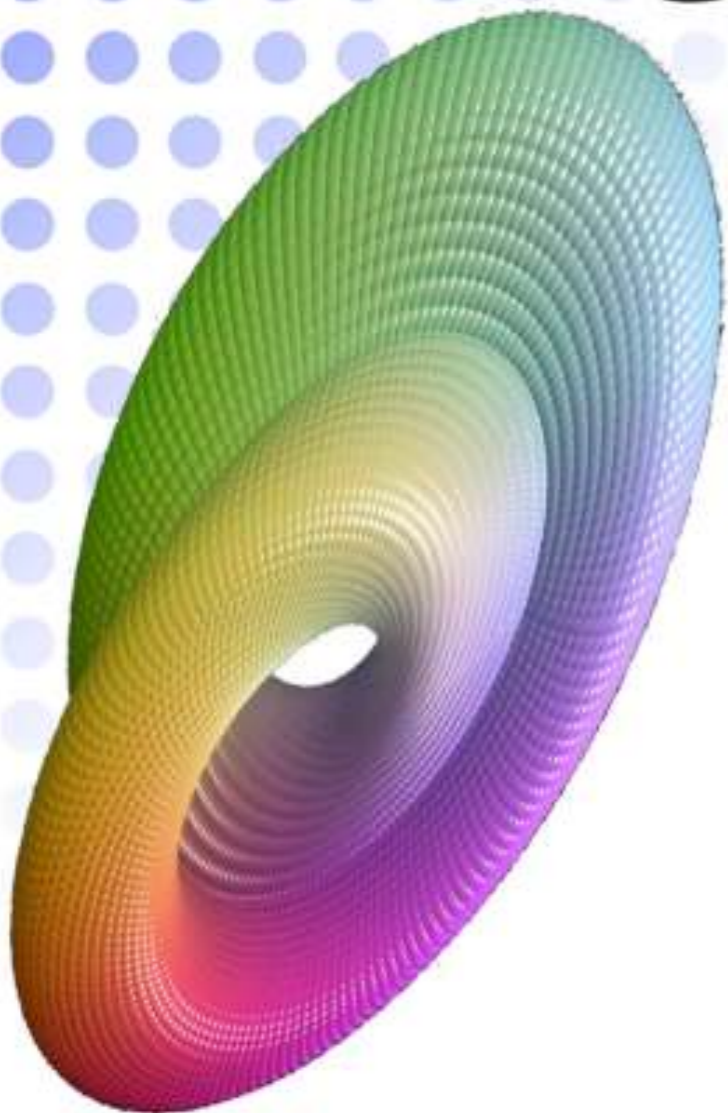


Michigan Math Club

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



Categorifying Cardinal Arithmetic

Emily Riehl
Johns Hopkins University

08 April 2021

In this talk we'll prove that $a \times (b + c) = a \times b + a \times c$ via a roundabout method that takes us on a tour through several deep ideas including categorification, the Yoneda lemma, universal properties, and adjunctions.

