

# Michigan Math Club

Thursday at 4pm in the Nesbitt Room  
Free Pizza and Pop



## *Frieze Patterns*

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Friezes are horizontal symmetrical patterns that have occurred as architectural ornaments for many centuries. The mathematical analog of friezes was introduced in the 1970s by Conway and Coxeter. Coxeter conjectured in 1971 that the classification of friezes coincided with that of triangulations of convex polygons, that is, friezes can be enumerated by Catalan numbers. The theorem was proved two years later by Conway and Coxeter. In this talks, we will discuss symmetry patterns in friezes and the connection to  $n$ -gons.

