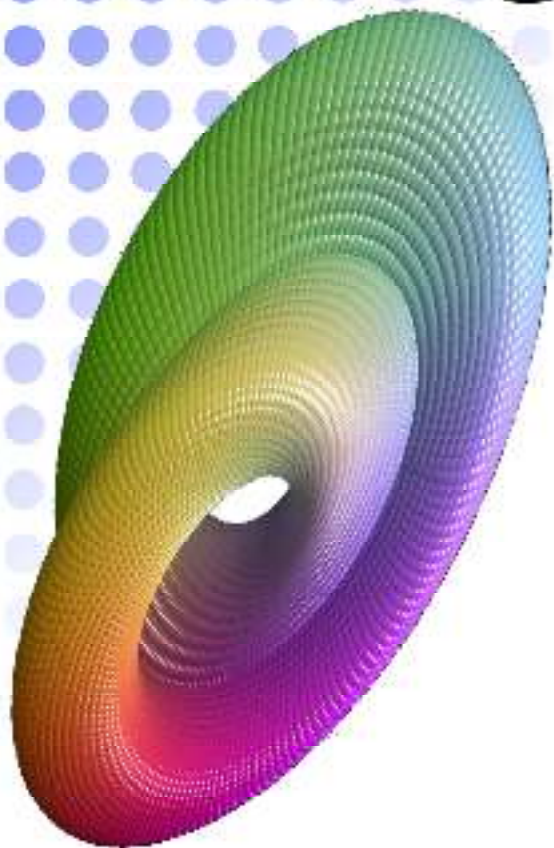


Michigan Math Club

Thursday at 4pm in the Commons

Free Pizza and Pop



Brick Packings

Harm Derksen

Abstract for 11 Oct. 2012

Is it possible to pack a $6 \times 6 \times 6$ box with bricks of size $1 \times 2 \times 4$? Is it possible to tile a 1000×1000 floor only using tiles of size 7×7 , 9×9 and 11×11 ? I will give the answers to these questions in my talk. One of the principal features will be a theorem of the Dutch mathematician N. G. de Bruijn (1918-2012) about brick packings.

