

Michigan Math Club

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



Does the bouncing
DVD logo ever hit
the corner?

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Abstract for 04 October 2018

Some have called it the greatest mystery ever: During a DVD screensaver, does the bouncing logo ever exactly hit a corner? The inspiration for this talk came while preparing a Math 105 lesson on vertical and horizontal shifts, so it should be accessible to anybody interested! Attempting to answer this question leads to a very natural introduction to modular arithmetic and dynamics.

