

# Michigan Math Club

Thursday at 4pm in the Commons

Free Pizza and Pop



## Robot motion, human vision, and Heisenblocks

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Abstract for 20 November



What do remote controlled cars have to do with visual processing? We'll see that both systems are governed by the same three-dimensional “sub-Riemannian” geometry. We will then play with 3-D printed “Heisenblocks” illustrating this type of geometry in the simpler case of the Heisenberg group.