

Michigan Math Club

Thursday at 4pm in the Commons

Free Pizza and Pop



Hex and the Brouwer Fixed Point Theorem

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Abstract for 2 October

Hex is a two player game played on a hexagonal grid. The Hex theorem states that a game of Hex never ends in a tie.

The Brouwer fixed point theorem states that any continuous mapping f from the closed disk to itself has a fixed point, that is, there exists an x such that $f(x) = x$. I will present the remarkable connection between these two theorems.

