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**Lucas Sabalka\*** ([sabalka@math.ucdavis.edu](mailto:sabalka@math.ucdavis.edu)), Department of Mathematics, One Shields Ave,  
Davis, CA 95616-8633. *Navigating blindly*. Preliminary report.

We present an online algorithm for mobile robot navigation in an unknown multidimensional environment with tactile sensors. (Received February 05, 2008)