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Omer Angel*, math dept, UBC, vancouver, BC v6t1z2, Canada, and **Mark Holmes** and **Alejandro Ramirez**. *Range growth of an excited martingale*.

The following process was introduced by Benjamini, Kozma, and Schapira: A particle in Z^2 moves vertically on the first visit to each site, and vertically on all subsequent visits. In all cases it the movement is equally likely in to in the two directions. We give the first non-trivial lower bound on the rate of growth of the range for this process. (Received January 18, 2021)