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**Mike Boyle\*** ([mmb@math.umd.edu](mailto:mmb@math.umd.edu)), Department of Mathematics, University of Maryland, College Park, MD 20742, and **Bryant Lee**. *Jointly periodic points of cellular automata*. Preliminary report.

Jointly Periodic Points in Cellular Automata. We investigate the spatially periodic points of a surjective one dimensional cellular automata which are also temporally periodic. This is primarily an experimental mathematics investigation based on a computer program of the nonpresenting author(Lee) but also includes a new mathematical result. (Received August 11, 2005)