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Deepak Bal*, deepak.bal@montclair.edu, and **Pat Devlin**, patrick.devlin@yale.edu. *Hamiltonian Berge cycles in random hypergraphs*. Preliminary report.

A Berge cycle in a hypergraph is an alternating sequence of distinct vertices and edges $(v_1, e_1, \dots, v_n, e_n)$ where v_i, v_{i+1} are in e_i for each i (indices considered modulo n), and a Hamiltonian Berge cycle is one in which every vertex appears. In this talk we will discuss the threshold probability for when a random r -uniform hypergraph is likely to contain such a cycle. (Received January 23, 2019)