1163-L5-1203   **Eric Sundberg***, 1600 Campus Road, Los Angeles, CA 90041, and **Ramin Naimi**. *Tic-Tac-Toe on the Boolean Hypercube.* Preliminary report.

We introduce a tic-tac-toe-style game on the vertices of the n-dimensional Boolean hypercube $\{0,1\}^n$ where the winning sets are the sets of vertices of k-dimensional subcubes. We also present pairing strategies which allow the second player to force at least a draw. (Received September 15, 2020)