Garritt Johns and Zach Teitler* (zteitler@boisestate.edu), Department of Mathematics, Boise State University, 1910 University Drive, Boise, ID 83725-1555. An upper bound for the Waring rank of the determinant.

The Waring rank of the generic $d \times d$ determinant has Waring rank bounded above by $d \cdot d!$. This improves previous upper bounds. We give an explicit expression, and comment on its symmetries and defining ideal. (Received February 07, 2021)