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

The Waring rank of the generic $d \times d$ determinant has Waring rank bounded above by $d \cdot d!$. This exponentially improves previous upper bounds, which were of the form an exponential times the factorial. (Received January 13, 2020)