1163-14-152   **Andreas Malmendier** (`andreas.malmendier@usu.edu`) and **Noah Braeger***
(`noahbraeger2@gmail.com`). *An isogeny between certain K3 surfaces of Picard rank 18.*

We construct a geometric two-isogeny between two algebraic K3 surfaces obtained as quartic projective hypersurfaces explicitly. One is the Kummer surfaces of the Jacobian of a genus-two curve with elliptic involution, the other is the Shioda-Inose surface associated with the Kummer surface of two non-isogeneous elliptic curves. The construction uses a classical result due to Jacobi and Morrison on Nikulin involutions. (Received August 25, 2020)