1161-14-160 Emma Brakkee* (e.l.brakkee@uva.nl). Moduli of twisted K3 surfaces.

Motivated by the relation between (twisted) K3 surfaces and special cubic fourfolds, we construct moduli spaces of polarized twisted K3 surfaces of fixed degree and order. We do this by mimicking the construction of the moduli space of untwisted polarized K3 surfaces as a quotient of a bounded symmetric domain. (Received August 16, 2020)