

CORRECTION TO: HYPERKÄHLER MANIFOLDS

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As Laurent Manivel pointed out to me, there is an error in the description given in [D, Section 2.3] of general polarized K3 surfaces of degree 34. One should read instead:

$L^2 = 34$. General K3 surfaces of degree 34 are exactly the zero loci of general sections of the rank-10 vector bundle $\mathcal{S}^{\oplus 5}$ on the 12-dimensional orthogonal Grassmannian¹ $\mathrm{OGr}(3, 9)$ ([Mu5, Theorem 0.3]; here, \mathcal{S} is the so-called rank-2 spinor bundle).

REFERENCES

- [D] Debarre, O., Hyperkähler manifolds, with an appendix with E. Macrì, *Milan J. Math.* **90** (2022), 305–387.
- [Mu5] Mukai, S., Polarized K3 surfaces of genus 18 and 20, in *Complex projective geometry (Trieste, 1989/Bergen, 1989)*, 264–276, London Math. Soc. Lecture Note Ser. **179**, Cambridge Univ. Press, Cambridge, 1992.

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¹This is the family of all 3-dimensional isotropic subspaces for a nondegenerate quadratic form on \mathbf{C}^9 .