

ADDENDUM TO “HILBERT SQUARES OF K3 SURFACES AND DEBARRE-VOISIN VARIETIES”

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There is an error in [DHOV, Table 2]: the entry 15 should be 4. Consequently, the divisors \mathcal{D}_2 , \mathcal{D}_6 , \mathcal{D}_8 , \mathcal{D}_{10} , and \mathcal{D}_{18} are expected to be HLS divisors. This was recently proved in [O, Corollary 1], together with the fact that \mathcal{D}_{30} is *not* an HLS divisor, answering a question raised in the introduction of [DHOV]. It remains to understand the geometry of the HLS divisor \mathcal{D}_8 .

REFERENCES

- [DHOV] Debarre, O., Han, F., O’Grady, K., Voisin, C., Hilbert squares of K3 surfaces and Debarre-Voisin varieties, *J. Éc. polytech. Math.* **7** (2020), 653–710.
- [O] Oberdieck, G., Gromov–Witten theory and Noether–Lefschetz theory for holomorphic-symplectic varieties, eprint [arXiv:2102.11622](https://arxiv.org/abs/2102.11622).

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