

**CORRECTION TO:  
DOUBLE COVERS OF QUADRATIC DEGENERACY AND LAGRANGIAN  
INTERSECTION LOCI**

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Some parts of [DK, Theorem 5.6] (quoted from an earlier version of [IKKR]) need to be corrected as follows (the degrees of the various subschemes  $Z_A^{\geq k}$  of  $\text{Gr}(3, V_6)$  are computed with respect to the Plücker embedding of  $\text{Gr}(3, V_6)$  into  $\mathbf{P}(\wedge^3 V_6)$ ; note that the degree of  $\text{Gr}(3, V_6)$  itself is 42):

- the degree of the scheme  $Z_A^{\geq 1}$  is  $4 \times 42 = 168$ ;
- the degree of the scheme  $Z_A^{\geq 2}$  is 480;
- the degree of the scheme  $Z_A^{\geq 3}$  is 720.

Moreover, the fact that  $Z_A^{\geq 3}$  is integral is not proven in [IKKR]. One can find a proof in [R].

REFERENCES

- [DK] Debarre O., Kuznetsov A., Double covers of quadratic degeneracy and Lagrangian intersection loci, *Math. Ann.* **378** (2020), 1435–1469.
- [IKKR] Iliev, A., Kapustka, G., Kapustka, M., Ranestad, K., EPW cubes, *J. reine angew. Math.* **748** (2019), 241–268.
- [R] Rizzo, F., On the fixed locus of the antisymplectic involution of an EPW cube, eprint [arXiv:2505.15717](https://arxiv.org/abs/2505.15717).

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