Results

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1 Potentially useful results

Proposition 1.1. *Let $\widehat{X} \to X$ be a small resolution of a Gorenstein terminal 3-fold X and $\widetilde{X}$ a smoothing of X. Then the difference of the topological Euler numbers $e(\widehat{X}) - e(\widetilde{X})$ equals the number $2|Sing(X)|$ if and only if the singularities of X are ordinary double points.*

See [Wan16].

Might I be able to prove an analog of this for the type of singularities in my smoothing?

References

[Wan16] S.-S. Wang. On the connectedness of the standard web of Calabi-Yau 3-folds and small transitions. *ArXiv e-prints*, March 2016.