

ELLIPTIC VIRTUAL STRUCTURE CONSTANTS AND GENERALIZATIONS OF BCOV-ZINGER
FORMULA TO PROJECTIVE FANO HYPERSURFACES

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In this talk, we propose a recipe for B-model computation of genus 1 Gromov-Witten invariants of Calabi-Yau and Fano Projective Hypersurfaces. Our formalism can be applied equally to both Calabi-Yau and Fano cases. In Calabi-Yau case, drastic cancellation of terms used in our formalism occurs and it results in another representation of BCOV-Zinger formula for projective Calabi-Yau hypersurfaces.

REFERENCES

- [1] M. Jinzenji, K. Kuwata. *Elliptic Virtual Structure Constants and Generalizations of BCOV-Zinger Formula to Projective Fano Hypersurfaces*. Preprint, arXiv:2404.07591.