ANDREI CĂLDĂRARU
LIST OF PUBLICATIONS

1. Effective algorithms for enumerating ribbon graphs
to be submitted to SIAGA

2. The g=2 categorical Gromov-Witten invariants of elliptic curves
(with Weng-Him Cheung), in preparation

3. On the cohomology of the Bridgeland differential
(with Dima Arinkin), in preparation

4. An HKR decomposition for Azumaya orbifolds
(with Dima Arinkin), in preparation

5. The cup product in orbifold Hochschild cohomology
(with Shengyuan Huang), submitted (arXiv:2101.06276), 33pp

6. Categorical enumerative invariants, I: string vertices
(with Kevin Costello and Junwu Tu), submitted, (arXiv:2009.06673), 35pp

7. Categorical enumerative invariants, II: Givental formula

8. Categorical primitive forms and Gromov-Witten invariants of $A_n$ singularities

9. Computing a categorical Gromov-Witten invariant
(with Junwu Tu), Compos. Math. 156 (2020), no. 7, 1275-1309

10. On intersections of two Grassmannians in $P^9$

11. GLSM realizations of maps and intersections of Grassmannians and Pfaffians

12. Formality of derived intersections and the orbifold HKR isomorphism

13. The Hodge theorem as a derived self-intersection
(with Dima Arinkin and Márton Hablicsek) Algebraic Geometry 4 (2017), 394-423

14. On the Lie algebroid of a derived self-intersection
(with Damien Calaque and Junwu Tu), Adv. in Math. 262 (2014), 751-783

15. Curved A-infinity algebras and Landau-Ginzburg models
(with Junwu Tu), New York J. Math. 19 (2013), 305-342

16. PBW for an inclusion of Lie algebras
(with Damien Calaque and Junwu Tu), J. Algebra 378 (2013), 64-79

17. When is the self-intersection of a subvariety a fibration?
(with Dima Arinkin), Adv. in Math., 231 (2012), no. 2, 815-842
18. Non-birational twisted derived equivalences in abelian GLSMs
(with Jacques Distler, Simeon Hellerman, Tony Pantev and Eric Sharpe)
Communications in Mathematical Physics 294 (2010), no. 3, 605-645

19. The Mukai pairing, I: a categorical approach
(with Simon Willerton), New York J. of Math., no. 16 (2010), 61-98

20. The Pfaffian-Grassmannian derived equivalence
(with Lev Borisov), J. Algebraic Geom. 18 (2009) 201-222

21. Non-birational Calabi-Yau threefolds that are derived equivalent

22. Derived categories: a skimming
Snowbird Lectures in Algebraic Geometry, Contemporary Mathematics no. 388 (2005), 43-75

23. The Mukai pairing, II: the Hochschild-Kostant-Rosenberg isomorphism
Adv. in Math., 194 (2005), no. 1, 34-66

24. The Mukai pairing, I: the Hochschild structure
preprint math.AG/0308079, superseded by paper 12. above

25. Algebraic deformations arising from orbifolds with discrete torsion
(with Anthony Giaquinto, Sarah Witherspoon)

26. D-Branes, B-fields, and Ext groups

27. Fiberwise stable bundles on elliptic fibrations with relative Picard number one

28. Non-fine moduli spaces of sheaves on K3 surfaces

29. Derived categories of twisted sheaves on elliptic threefolds

30. Derived categories of twisted sheaves on Calabi-Yau manifolds

PUBLICATIONS OF MY PH.D. STUDENTS, WRITTEN UNDER MY SUPERVISION


