ANDREI CĂLDĂRARIU

LIST OF PUBLICATIONS

1. HAE is easy for CEI
(with Yunfan He and Junwu Tu), 10pp, to be submitted

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

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

4. Constructing the topological field theory associated to a cyclic $A_{\infty}$ algebra,
(with Weng-Him Cheung), preprint

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

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

7. Effective categorical enumerative invariants
(with Junwu Tu), 76pp, arXiv:2404:01499, submitted

8. Moonshine at Landau-Ginzburg points
(with Yunfan He and Shengyuan Huang), to appear, Proc. AMS, 7pp, (arXiv:2107.12405)

9. The cup product in orbifold Hochschild cohomology

10. Categorical enumerative invariants, I: string vertices
(with Kevin Costello and Junwu Tu), now part of paper 7 above, (arXiv:2009.06673), 35pp

11. Categorical enumerative invariants, II: Givental formula
(with Junwu Tu), now part of paper 7 above, (arXiv:2009.06659), 55pp

12. Categorical primitive forms and Gromov-Witten invariants of $A_1$ singularities

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

14. On intersections of two Grassmannians in $\mathbb{P}^9$

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

16. Formality of derived intersections and the orbifold HKR isomorphism

17. The Hodge theorem as a derived self-intersection
(with Dima Arinkin and Márton Hablicsek) Algebraic Geometry 4 (2017), 394-423
18. On the Lie algebroid of a derived self-intersection
(with Damien Calaque and Junwu Tu), Adv. in Math. 262 (2014), 751-783

19. Curved $A_{\infty}$ algebras and Landau-Ginzburg models
(with Junwu Tu), New York J. Math. 19 (2013), 305-342

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

21. When is the self-intersection of a subvariety a fibration?
(with Dima Arinkin), Adv. in Math., 231 (2012), no. 2, 815-842

22. 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

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

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

25. Non-birational Calabi-Yau threefolds that are derived equivalent
Internat. J. Math. 18 (2007), No. 5, 491-504

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

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

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

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

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

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

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

33. Derived categories of twisted sheaves on elliptic threefolds

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

