List of Publications (Masahide Manabe)

Peer Reviewed Journal Publications

20. M. Manabe, S. Terashima and Y. Terashima, "The colored Jones polynomials as vortex partition functions," JHEP **12**, 197 (2021) [arXiv:2110.05662 [hep-th]].

19. M. Manabe, "n-th parafermion $\mathcal{W}_N$ characters from $U(N)$ instanton counting on $\mathbb{C}^2/\mathbb{Z}_n$," JHEP **2006**, 112 (2020) [arXiv:2004.13960 [hep-th]].

18. O. Foda, N. Macleod, M. Manabe and T. Welsh, "$\widehat{\mathfrak{sl}}(n)_N$ WZW conformal blocks from $SU(N)$ instanton partition functions on $\mathbb{C}^2/\mathbb{Z}_n$," Nucl. Phys. B **956**, 115038 (2020) [arXiv:1912.04407 [hep-th]].

17. O. Foda and M. Manabe, "Nested coordinate Bethe wavefunctions from the Bethe/Gauge correspondence," JHEP **1911**, 036 (2019) [arXiv:1907.00493 [hep-th]].

16. Y. Honma and M. Manabe, "Determinantal Calabi-Yau varieties in Grassmannians and the Givental I-functions," JHEP **1812**, 046 (2018) [arXiv:1810.03685 [hep-th]].

15. Y. Honma and M. Manabe, "Local B-model Yukawa couplings from A-twisted correlators," PTEP **2018**, no. 7, 073A03 (2018) [arXiv:1805.02661 [hep-th]].

14. O. Foda and M. Manabe, "Macdonald topological vertices and brane condensates," Nucl. Phys. B **936**, 448 (2018) [arXiv:1801.04943 [hep-th]].

13. P. Ciosmak, L. Hadasz, Z. Jaskolski, M. Manabe and P. Sulkowski, "From CFT to Ramond super-quantum curves," JHEP **1805**, 133 (2018) [arXiv:1712.07354 [hep-th]].

12. H. Fuji, K. Iwaki, M. Manabe and I. Satake, "Reconstructing GKZ via topological recursion," Commun. Math. Phys. **371**, 839 (2019) [arXiv:1708.09365 [math-ph]].

11. J. E. Andersen, H. Fuji, M. Manabe, R. C. Penner and P. Sułkowski, "Partial chord diagrams and matrix models," Trav. Math. **25**, 233 (2017) [arXiv:1612.05840 [math-ph]].

10. J. E. Andersen, H. Fuji, M. Manabe, R. C. Penner and P. Sułkowski, "Enumeration of chord diagrams via topological recursion and quantum curve techniques," Trav. Math. **25**, 285 (2017) [arXiv:1612.05839 [math-ph]].

9. P. Ciosmak, L. Hadasz, M. Manabe and P. Sułkowski, "Super-quantum curves from super-eigenvalue models," JHEP **1610**, 044 (2016) [arXiv:1608.02596 [hep-th]].

8. M. Manabe and P. Sułkowski, "Quantum curves and conformal field theory," Phys. Rev. D **95**, no. 12, 126003 (2017) [arXiv:1512.05785 [hep-th]].

7. Y. Honma and M. Manabe, "Open Mirror Symmetry for Higher Dimensional Calabi-Yau Hypersurfaces," JHEP **1603**, 160 (2016) [arXiv:1507.08342 [hep-th]].

6. M. Manabe, "Stringy Instanton Counting and Topological Strings," JHEP **1507**, 097 (2015) [arXiv:1501.00064 [hep-th]].

5. Y. Honma and M. Manabe, "Exact Kahler Potential for Calabi-Yau Fourfolds," JHEP **1305**, 102 (2013) [arXiv:1302.3760 [hep-th]].

4. M. Manabe, "Deformed planar topological open string amplitudes on Seiberg-Witten curve," JHEP **1204**, 082 (2012) [arXiv:1201.6618 [hep-th]].

3. R. Dijkgraaf, H. Fuji and M. Manabe, "The Volume Conjecture, Perturbative Knot Invariants, and Recursion Relations for Topological Strings," Nucl. Phys. B **849**, 166 (2011) [arXiv:1010.4542 [hep-th]].

2. H. Awata, H. Fuji, H. Kanno, M. Manabe and Y. Yamada, "Localization with a Surface Operator, Irregular Conformal Blocks and Open Topological String," Adv. Theor. Math. Phys. **16**, no. 3, 725 (2012) [arXiv:1008.0574 [hep-th]].

1. M. Manabe, "Topological open string amplitudes on local toric del Pezzo surfaces via remodeling the B-model," Nucl. Phys. B **819**, 35 (2009) [arXiv:0903.2092 [hep-th]].

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21. P. Ciosmak, L. Hadasz, M. Manabe and P. Sułkowski, "Singular-vector structure of quantum curves," Proceedings of Symposia in Pure Mathematics, 2016 AMS von Neumann Symposium [arXiv:1711.08031 [hep-th]].