

ENUMERATIVE GEOMETRY BEYOND NUMBERS

MSRI Program

January 16 to May 25, 2018

- [1] P. S. ASPINWALL, T. BRIDGELAND, A. CRAW, M. R. DOUGLAS, M. GROSS, A. KAPUSTIN, G. W. MOORE, G. SEGAL, B. SZENDRŐI, and P. M. H. WILSON, *Dirichlet branes and mirror symmetry*, Clay Mathematics Monographs **4**, American Mathematical Society, Providence, RI, 2009, ISBN 978-0-8218-3848-8. MR 2567952. Zbl 1188.14026. Available at <http://www.claymath.org/library/monographs/cmim04.pdf>.
- [2] D. AUROUX, L. KATZARKOV, T. PANTEV, Y. SOIBELMAN, and Y. TSCHINKEL (eds.), *Algebra, geometry, and physics in the 21st century: Kontsevich Festschrift*, Birkhäuser, Basel, 2017, ISBN 978-3-319-59938-0/hbk; 978-3-319-59939-7/ebook. Zbl 06755639. doi: 10.1007/978-3-319-59939-7.
- [3] D. A. COX and S. KATZ, *Mirror symmetry and algebraic geometry*, Mathematical Surveys and Monographs **68**, American Mathematical Society, Providence, RI, 1999, ISBN 0-8218-1059-6. MR 1677117. Zbl 0951.14026. doi: 10.1090/surv/068.
- [4] P. DELIGNE, P. ETINGOF, D. S. FREED, L. C. JEFFREY, D. KAZHDAN, J. W. MORGAN, D. R. MORRISON, and E. WITTEN (eds.), *Quantum fields and strings: a course for mathematicians*, American Mathematical Society, Providence, RI, 1999, ISBN 0-8218-1198-3. MR 1701618. Zbl 0984.00503.
- [5] M. GROSS, *Tropical geometry and mirror symmetry*, CBMS Regional Conference Series in Mathematics **114**, American Mathematical Society, Providence, RI, 2011, ISBN 978-0-8218-5232-3. MR 2722115. Zbl 1215.14061. doi: 10.1090/cbms/114.
- [6] K. HORI, S. KATZ, A. KLEMM, R. PANDHARIPANDE, R. THOMAS, C. VAFA, R. VAKIL, and E. ZASLOW, *Mirror symmetry*, Clay Mathematics Monographs **1**, American Mathematical Society, Providence, RI, 2003, ISBN 0-8218-2955-6. MR 2003030. Zbl 1044.14018. Available at <http://www.claymath.org/library/monographs/cmim-1.pdf>.
- [7] D. MCDUFF and D. SALAMON, *J-holomorphic curves and symplectic topology*, 2nd ed., American Mathematical Society Colloquium Publications **52**, American Mathematical Society, Providence, RI, 2012, ISBN 978-0-8218-8746-2. MR 2954391. Zbl 1272.53002. doi: 10.1090/coll/052.

Date: January 16, 2018.

Bibliography by Mina Aganagic, Denis Auroux, Jim Bryan, Andrei Okounkov, and Balázs Szendrői.