

**Tseng, Hsian-Hua**

**A survey on toric mirror symmetry.** (English) [Zbl 1404.14051](#)

Ji, Lizhen (ed.) et al., Uniformization, Riemann-Hilbert correspondence, Calabi-Yau manifolds and Picard-Fuchs equations. Based on the conference, Institute Mittag-Leffler, Stockholm, Sweden, July 13–18, 2015. Somerville, MA: International Press; Beijing: Higher Education Press (ISBN 978-1-57146-363-0/pbk). Advanced Lectures in Mathematics (ALM) 42, 453-473 (2018).

Summary: This is a survey on the Gromov-Witten theoretic aspects of mirror symmetry for toric manifolds.

For the entire collection see [\[Zbl 1398.14003\]](#).

**MSC:**

**14J33** Mirror symmetry (algebraic-geometric aspects)

**14N35** Gromov-Witten invariants, quantum cohomology, Gopakumar-Vafa invariants, Donaldson-Thomas invariants (algebraic-geometric aspects)

**14M25** Toric varieties, Newton polyhedra, Okounkov bodies

**14-02** Research exposition (monographs, survey articles) pertaining to algebraic geometry