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Dagan Karp* (dkarp@hmc.edu). *Toric Symmetry in Gromov-Witten Theory.*

Gromov-Witten invariants are functorial under isomorphism; hence any automorphism which acts nontrivially on cohomology lifts to a nontrivial identity in GW theory. Toric symmetries are a particularly rich class of automorphism. We will discuss toric symmetry in GW theory in several explicit examples, and present enumerative interpretations. Portions of this work are joint with Dhruv Ranganathan and Amin Gholampour. (Received September 24, 2012)