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Cristina Manolache* (c.manolache@imperial.ac.uk). *Reduced Gromov–Witten invariants from cuspidal curves.*

In a series of papers Vakil-Zinger, Li-Zinger, and Zinger introduced reduced Gromov-Witten invariants and compared them to standard Gromov-Witten invariants. Reduced invariants are numbers which contain fewer degenerate contributions than Gromov-Witten invariants and they are also easier to compute. Together with Luca Battistella and Francesca Carocci, we use moduli spaces of stable maps from curves with cusps and we consider the corresponding invariants. We show that for the quintic three-fold these invariants are equal to reduced Gromov-Witten invariants. (Received February 05, 2018)