1078-14-362   **Dustin J Ross*** (`ross@math.colostate.edu`), 1610 Westbridge Dr. J53, Fort Collins, CO 80526.
Open GW theory and the orbifold vertex.

Recent developments in open GW theory of toric orbifolds have led to the formulation of an orbifold topological vertex in GW theory, a basic building block for the GW theory in all genera of toric Calabi-Yau 3-folds. Naturally, our formalism conjecturally coincides with the DT orbifold vertex of Bryan, Cadman, and Young. I will describe the correspondence and mention results in this direction. (Received December 13, 2011)