1003-51-327 **Jun Li**, **Chiu-Chu Melissa Liu*** (`ccliu@math.harvard.edu`), **Kefeng Liu** and **Jian Zhou**.
Gromov-Witten Invariants of Toric Calabi-Yau Threefolds.

We developed a mathematical theory of the topological vertex, an algorithm proposed by M. Aganagic, A. Klemm, M. Marino, and C. Vafa on effectively computing Gromov-Witten invariants of any toric Calabi-Yau threefold in all genera and all degrees. (Received September 09, 2004)