

1145-VL-2996 **Leo Herr*** (leo.herr@colorado.edu). *Product Formulas in Log Gromov-Witten Theory*.

After a discussion of the product formula in ordinary Gromov-Witten Theory and Y.P. Lee- F. Qu's attempt to prove the product formula, we introduce a new perspective on Log Gromov-Witten Invariants which allows us to obtain new theorems. Using the original argument of K. Behrend for the product formula, we adapt the tools and methods to the logarithmic setting to compare logarithmic invariants. (Received September 26, 2018)