1176-14-345 **Anders S Buch*** (asbuch.math@gmail.com) and **Rahul Pandharipande**. *Tevelev degrees.*

Let X be a nonsingular complex projective variety. The virtual Tevelev degree of X associated to (g,d,n) is the virtual count of maps of degree d to X from an n-pointed curve of genus g, such that the marked points are sent to fixed general points in X. I will discuss methods to compute virtual Tevelev degrees. Explicit formulas can be given when X is a cominuscule flag variety or a complete intersection of low degree compared to dimension. Virtual Tevelev degrees are better behaved than arbitrary Gromov-Witten invariants, for example they are more likely to be enumerative by results of Lian and Pandharipande. (Received January 25, 2022)