1153-14-120Dragos Oprea* (doprea@math.ucsd.edu), 9500 Gilman Drive #0112, La Jolla, CA 92093.
Virtual Euler characteristics of Quot schemes of surfaces.

The Quot schemes of surfaces parametrizing quotients of dimension 0 and 1 admit natural 2-term perfect obstruction theories. I will explain several results concerning the calculation of virtual invariants arising this way, in particular the virtual Euler characteristics. This is based on joint work with Rahul Pandharipande. (Received August 21, 2019)