1047-14-142 Matthew M Szczesny* (szczesny@math.bu.edu). Moduli problems and localization functors in orbifold CFT.

Conformal field theory (CFT) yields a mechanism for producing interesting D-modules on the moduli of curves and bundles. We consider localization functors which arise in orbifold CFT, where the above geometric objects are replaced with analogues possessing discrete symmetries. (Received January 25, 2009)