1025-19-125 Christopher Dwyer* (dwyer@math.binghamton.edu), Department of Mathematical Sciences, Binghamton University, Binghamton, NY 13902-6000. When are there enough twisted orbifold vector bundles?

There are a few descriptions of twisted orbifold K-theory depending on the decription of the orbifold by local charts or as a stack. I will show that for compact quotient orbifolds (orbifolds which are quotients of a manifold by a group) there are almost always enough twisted bundles to form the twisted K-theory. I will also discuss why this fails in the cases it does. (Received January 19, 2007)