1073-35-194 Brian Pigott*, bpigott@math.toronto.edu. Polynomial-in-time upper bounds for the orbital instability of the subcritical generalized Korteweg-deVries equations.

We will discuss some of the details relevant in establishing polynomial-in-time upper bounds on the orbital instability of the generalized KdV equations below H^1 . The talk will focus on the construction of an almost conserved quantity which can be used to establish these upper bounds. (Received August 01, 2011)