Daniel S. Silver (silver@jaguar1.usouthal.edu), Department of Mathematics and Statistics, Mobile, AL 36688, and Susan G. Williams\* (swilliam@jaguar1.usouthal.edu), Dept. of Mathematics and Statistics, Mobile, AL 36688. Alexander-Lin Twisted Polynomials.

We extend Xiao-Song Lin's original definition of twisted Alexander polynomial, given in terms of regular Seifert surfaces, to a "pointed invariant" of a finitely presented group and conjugacy class of elements. We give an algebraic generalization of a knot fibering obstruction of J. Cha, and a bound on the degree of the twisted polynomial. (Received March 30, 2010)