1060-11-105   **Jim Brown*** (`jimlb@clemson.edu`), Clemson, SC 29634. *Congruence primes of Saito-Kurokawa lifts.*

There is a conjectural description of the congruence primes of a classic Saito-Kurokawa lift of full level in terms of the primes dividing a special value of the L-function associated to the elliptic modular form giving rise to the Saito-Kurokawa lift. This conjecture was proposed by Katsurada. We will recall the conjecture, state the known evidence for this conjecture as well as explain recent work on the conjecture. In particular, congruences between Saito-Kurokawa lifts and Siegel modular forms that are not "lifts" are constructed using recent work of Pitale-Schmidt and Saha. (Received March 24, 2010)