1021-11-154 **Robert Pollack*** (`rpollack@bu.edu`), 111 Cummington Street, Boston, MA 02215. *A p-adic method for (conjecturally) constructing points on elliptic curves.*

In the mid 90's Perrin-Riou formulated a p-adic version of the Birch and Swinnerton-Dyer conjecture for p-adic L-functions of elliptic curves at primes of supersingular reduction. Using the fact that there are two p-adic L-functions in the supersingular case, one can (conjecturally) recover a point on the elliptic curve from its p-adic L-function when the curve has rank 1. We will describe a method of carrying out this algorithm in practice whose key step is the use of overconvergent modular symbols. This project is joint with Masato Kurihara. (Received September 03, 2006)