1053-11-81   **Dimitar P Jetchev*** (`jetchev@gmail.com`), 444 W 58th st, apt. 4E, New York, NY 10019.
Global Divisbility of Heegner Points and Tamagawa Numbers.

We improve Kolyvagin's upper bound on the order of the p-primary part of the Shafarevich-Tate group of an elliptic curve of rank one over a quadratic imaginary field. In many cases, our bound is precisely the one predicted by the Birch and Swinnerton-Dyer conjectural formula. (Received August 17, 2009)