

1106-11-2572      **Mirela Ciperiani\*** (mirela@math.utexas.edu). *Local points of supersingular elliptic curves on  $\mathbb{Z}_p$ -extensions.*

By work of Kobayashi and Iovita-Pollack we know that local points of supersingular elliptic curves on ramified  $\mathbb{Z}_p$ -extensions of  $\mathbb{Q}_p$  split into two strands of even and odd points. We will discuss a generalization of this result to  $\mathbb{Z}_p$ -extensions that are localizations of anticyclotomic  $\mathbb{Z}_p$ -extensions over which the elliptic curve has non-trivial CM points. (Received September 16, 2014)