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Florian SPRUNG. Shedding light on Selmer groups for elliptic curves at supersingular primes in Z_p^2-extensions via chromatic Selmer groups.

lundi 24 juin 2019 16:00 (1 heure)

Abstract: We present some results and techniques concerning Selmer groups in Z_p^2-extensions for elliptic curves at supersingular primes, focusing on the case a_p not equal to 0. In this case, a convenient pair of objects to consider is the 'chromatic Selmer groups' (also called 'signed Selmer groups' when a_p=0).