

Various approaches to proving subconvexity bounds for $GL(1)$ twists of $GL(2)$ and $GL(3)$ L -functions exist over the rational numbers. The main tools used include bounding a first, second or fourth moment of L -functions, Kuznetsov trace formula, Voronoi formula, and at times, the delta method and amplification developed by Duke, Friedlander, Iwaniec and Sarnak. Certain methods not involving the delta method have been generalized to arbitrary number fields via the works of Balkanova–Frolenkov–Wu, Wu and Qi among others. To the best of our knowledge, no approach involving a delta method has been generalized to number fields. We will present our works in progress in this regard.