

Number of Walsh coefficient superior to a treshold

$[w,s,k,n,u,t] = [4,14,18,150,41,48]$

Number of LPN samples: $N = 4096$

Expected number of parity-checks of weight w on \mathcal{N} : $N_{eq} = 852114$

$$\hat{f}(GV_1) := N - 2 \, GV \left(N, \log_2 \left(\binom{s}{t-u} \right) \right)$$

 $\hat{f}(GV_1)$

