Naming conventions

6.1-principal; 6.2-self-CM; 6.3-generic = section number (dash) nebentype

mf5w4aa = modular form of level 5 weight 4 and character a a (LMFDB label)

comp\_mf5w4aa.sage = compute the lowest lying zeros of family of twists of mf5w4aa in sage

filter\_D\_even.py = filter the fundamental discriminant family depending on even or odd sign

lowly\_zeros\_mf5w4aa.txt = lowest lying zeros for family of twists of mf5w4aa

mf5w4aa-analysis.py = graphic code that normalizes data to have mean 1

nfz\_mf5w8aa\_sign+1\_SO7.png = normalized filtered zeros of mf5w8aa with sign +1 and symmetry group Special Orthogonal of size 7

nfzc\_mf5w8aa\_sign-1\_SO7.png = normalized filtered zeros (closest = non-vanishing) zeros of mf5w8aa with sign -1 and symmetry group Special Orthogonal of size 7