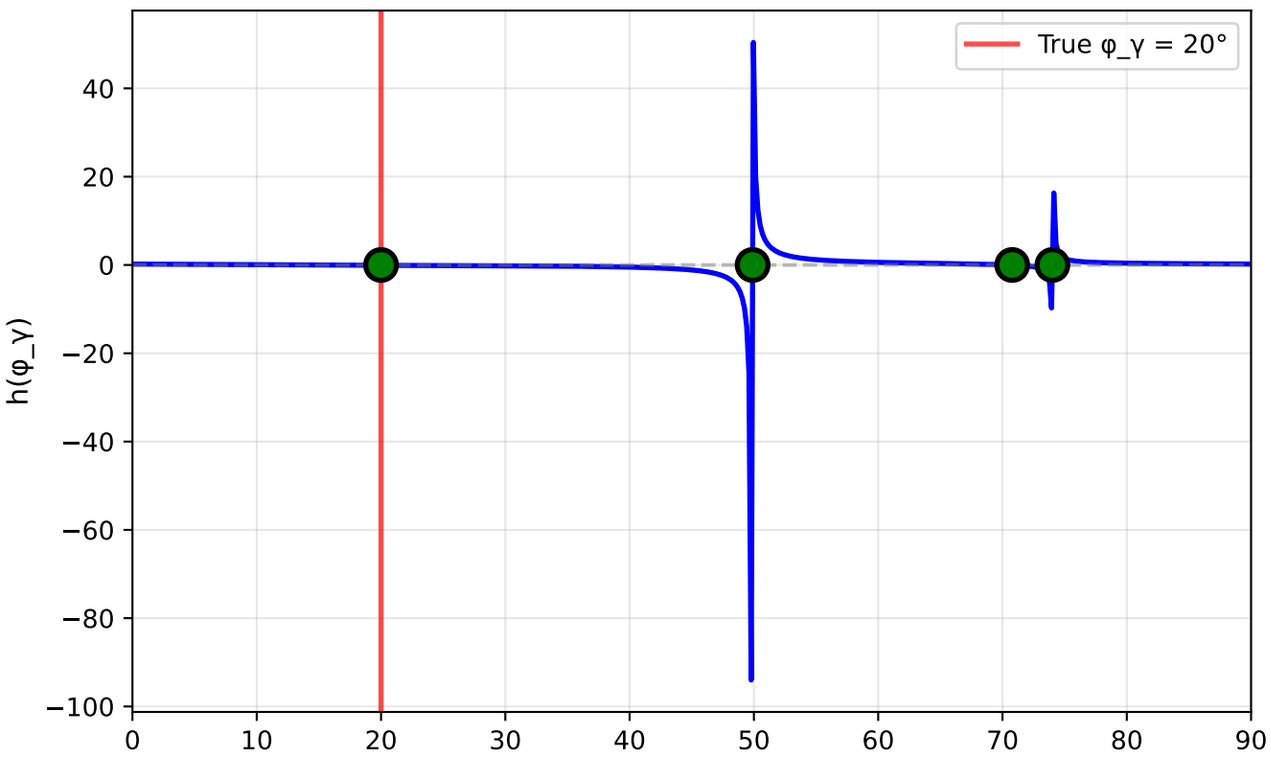
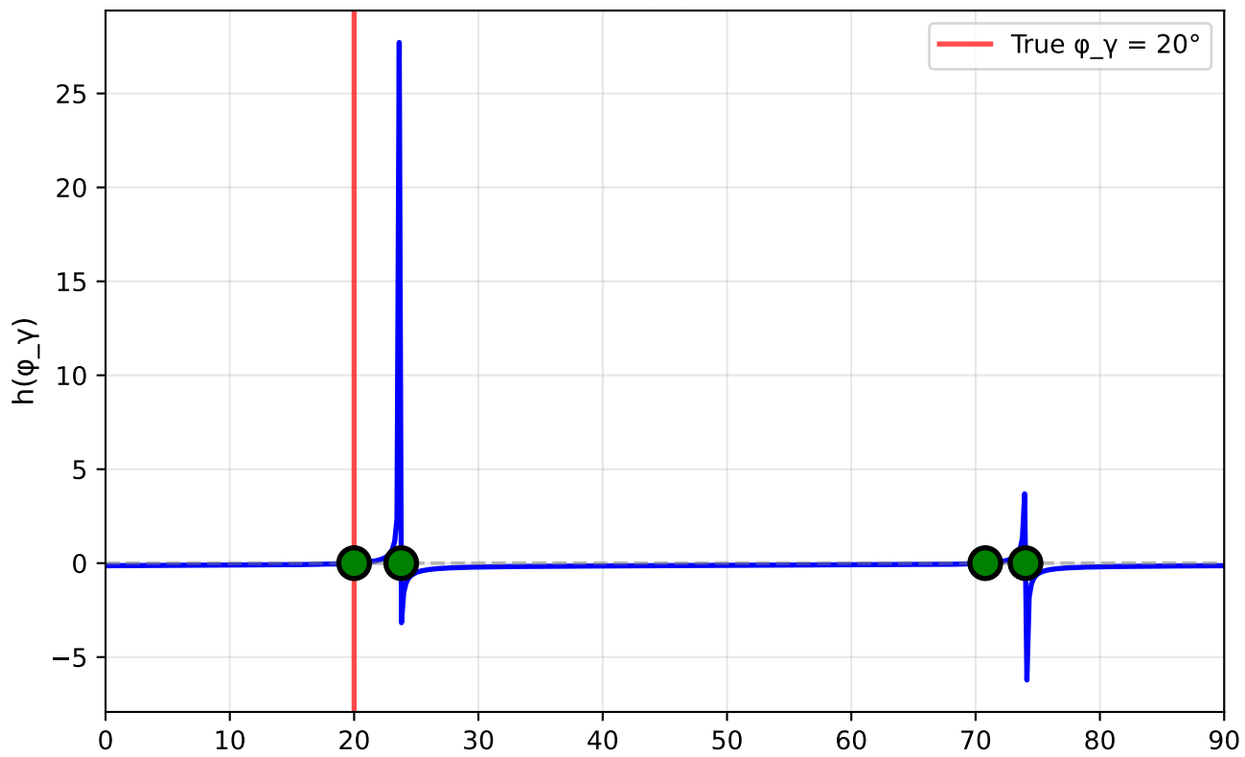
Roots give valid quadrupole orientation

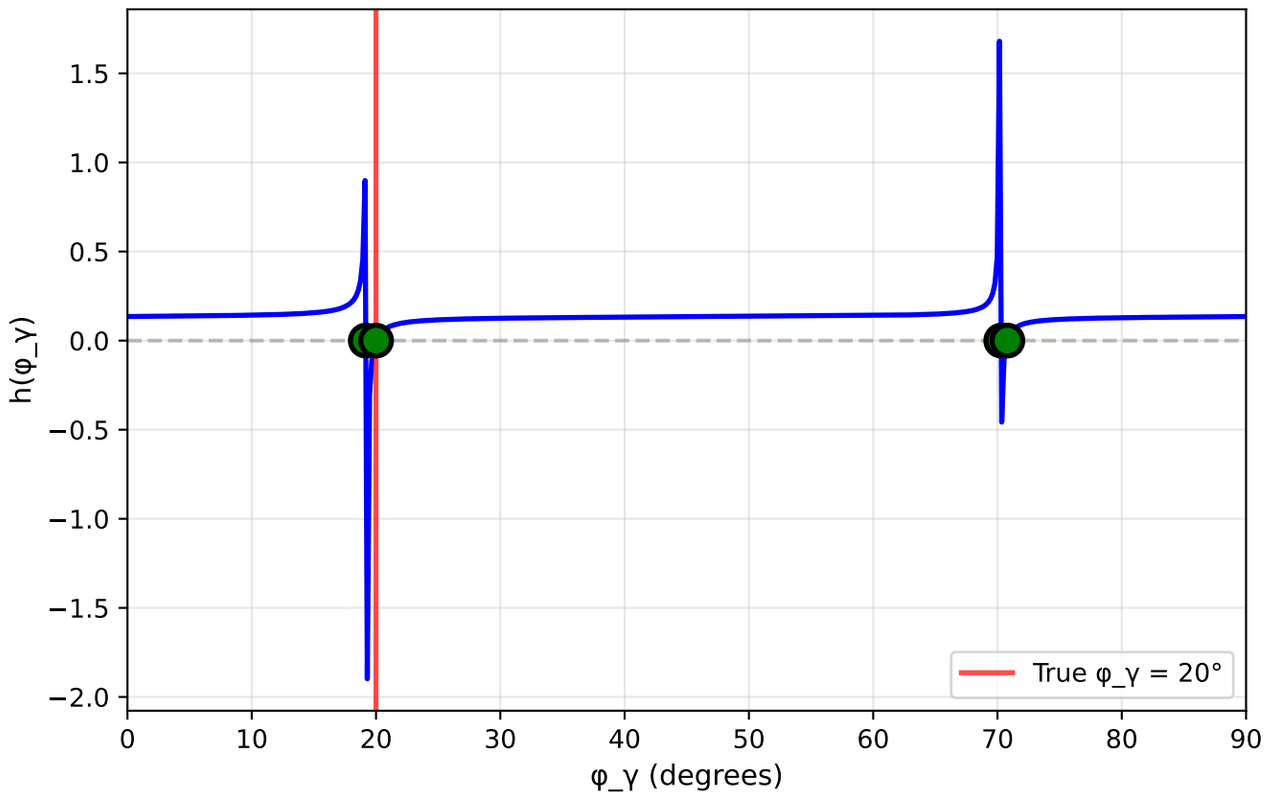
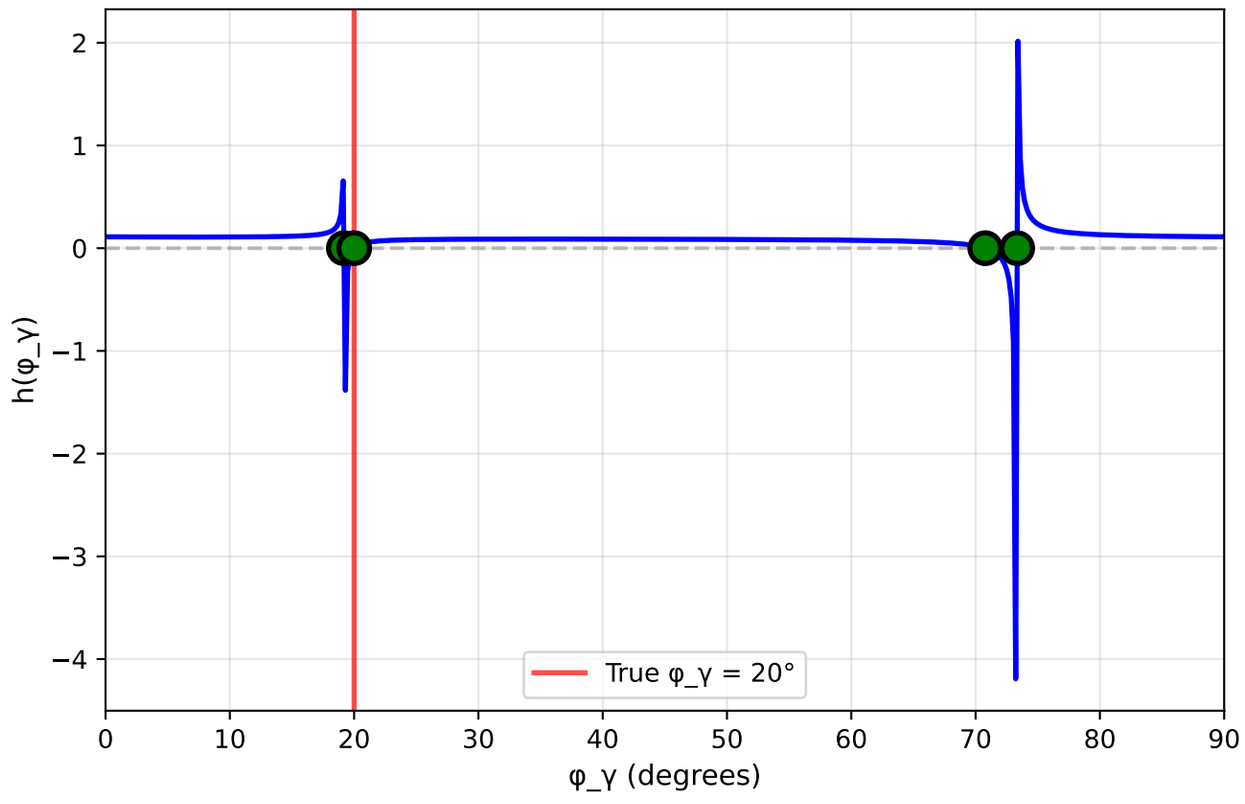
Rows 0-4, check 5



Rows 0-3,5, check 4



Rows 0-2,4,5, check 3



Rows 0,1,3-5, check 2