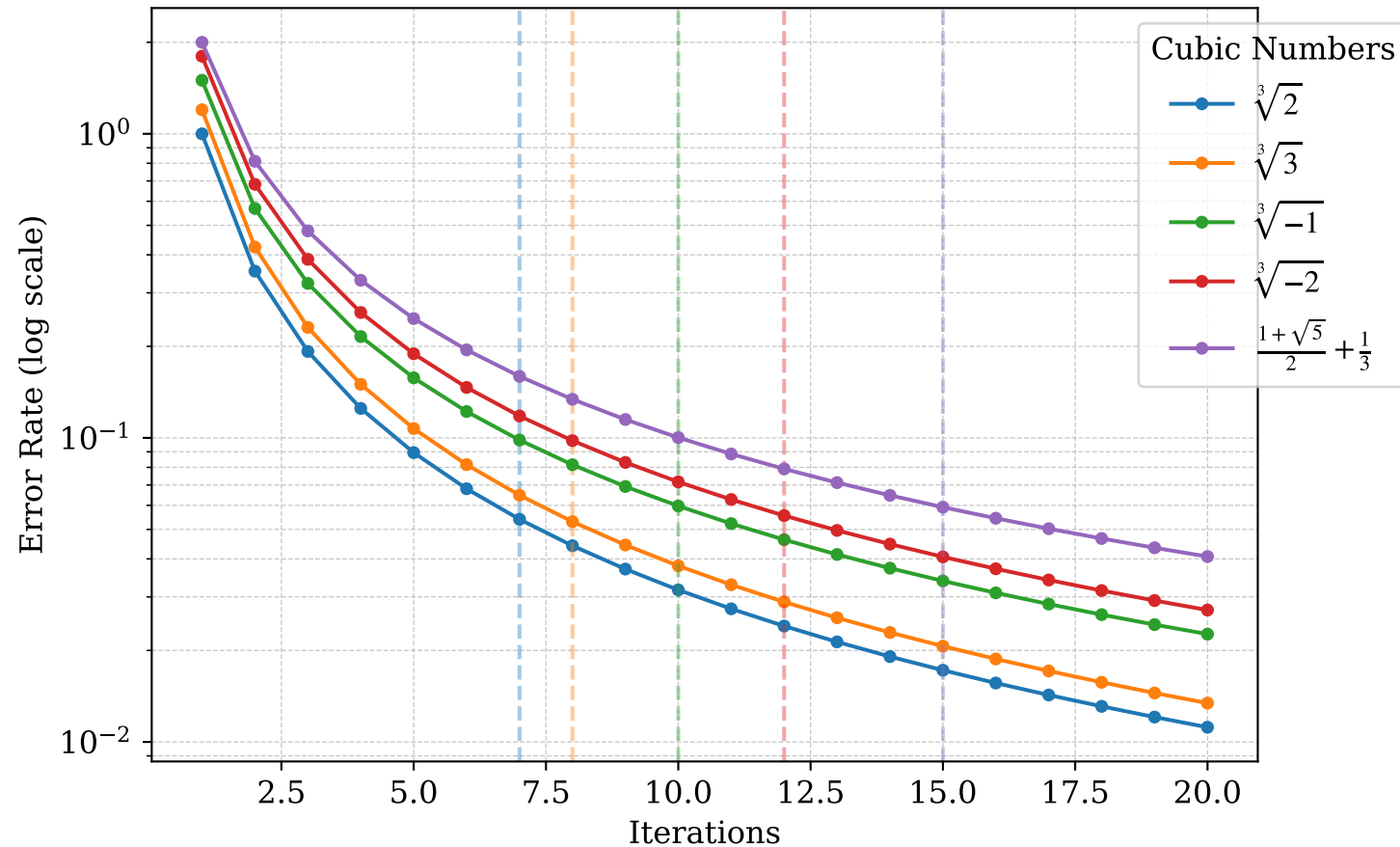
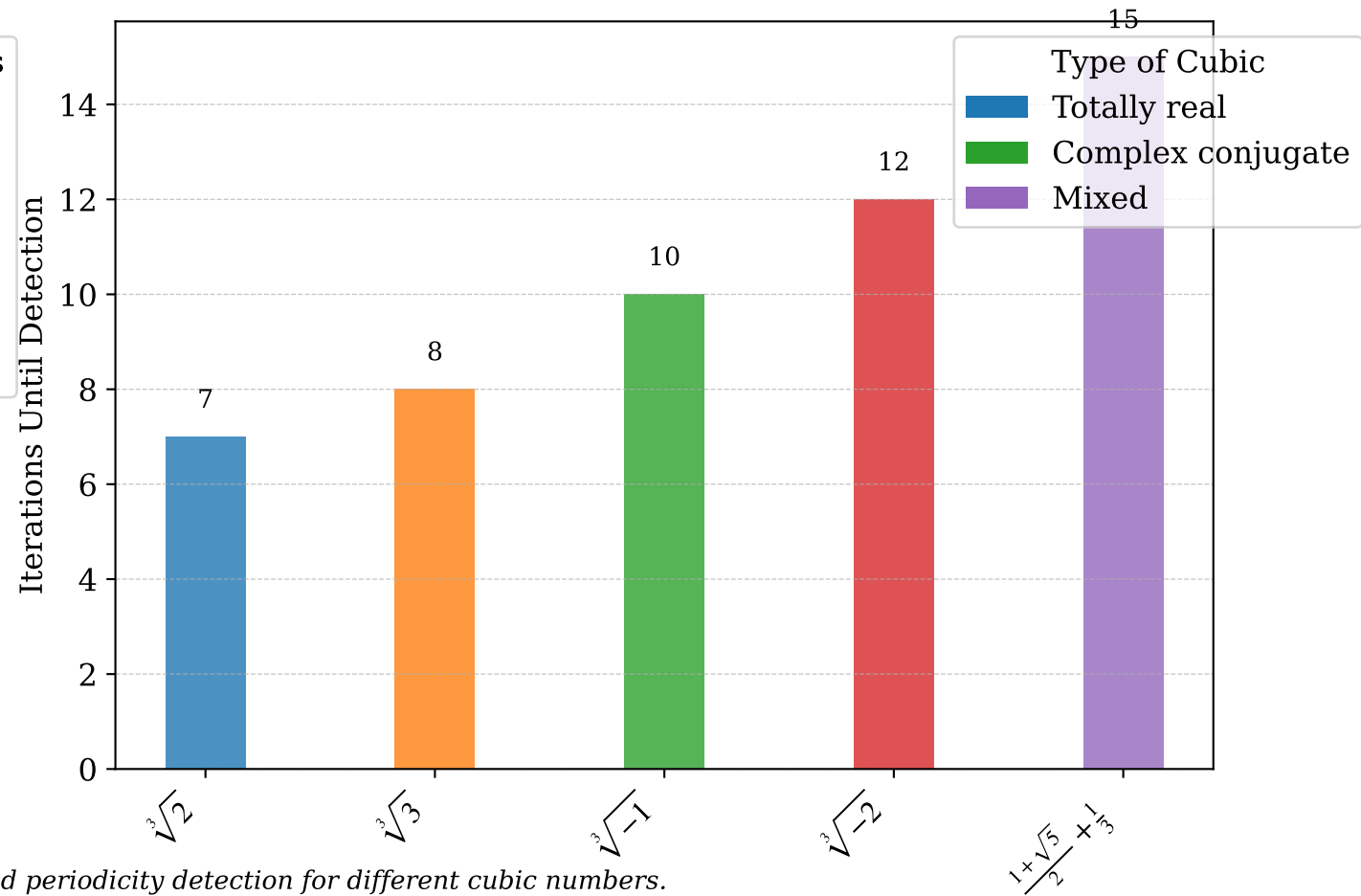


Comparative Analysis of HAPD Algorithm Performance

HAPD Algorithm Convergence Rates



Periodicity Detection Comparison



This visualization compares the convergence rates and periodicity detection for different cubic numbers. The dashed vertical lines indicate the iteration where periodicity is detected for each cubic number.