Table 1: Results

Problem Size	Method	MDE	RMSD	Time	Improv time
pdb1ba5 320	Classic Quaternion	$2.632 \times 10^{-7} 2.632 \times 10^{-7}$	4.1595×10^{-12}	5.9799×10^{-4} 5.3103×10^{-3}	-88.739
pdb1d1n 594	Classic Quaternion	$\begin{array}{c} 1.990 \times 10^{-6} \\ 1.990 \times 10^{-6} \end{array}$	1.3648×10^{-12}	$1.1254 \times 10^{-1} \\ 1.0056$	-88.809
pdb1dp3 332	Classic Quaternion	3.490×10^{-6} 3.490×10^{-6}	2.1817×10^{-12}	$\begin{array}{c} 1.8729 \times 10^{-2} \\ 1.7709 \times 10^{-1} \end{array}$	-89.424
pdb1du1 122	Classic Quaternion	$6.874 \times 10^{-6} \\ 6.874 \times 10^{-6}$	1.3307×10^{-12}	$\begin{array}{c} 2.5955 \times 10^{-4} \\ 2.0830 \times 10^{-3} \end{array}$	-87.539