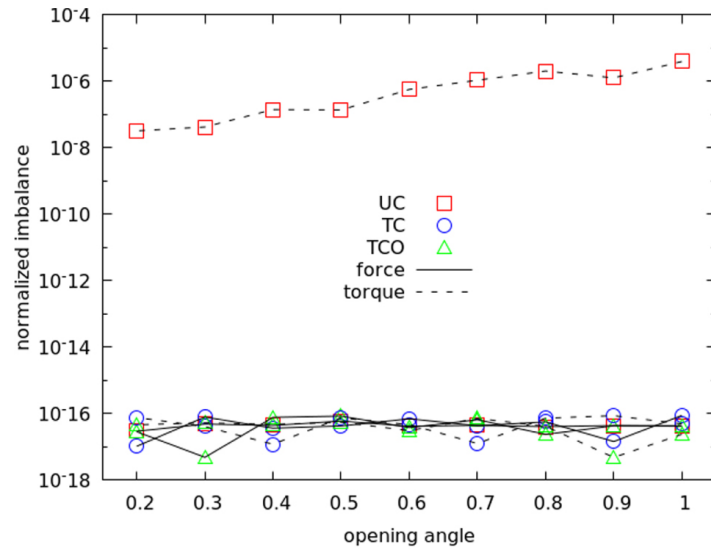


Figure 1. from A Very Fast and Angular Momentum Conserving Tree Code

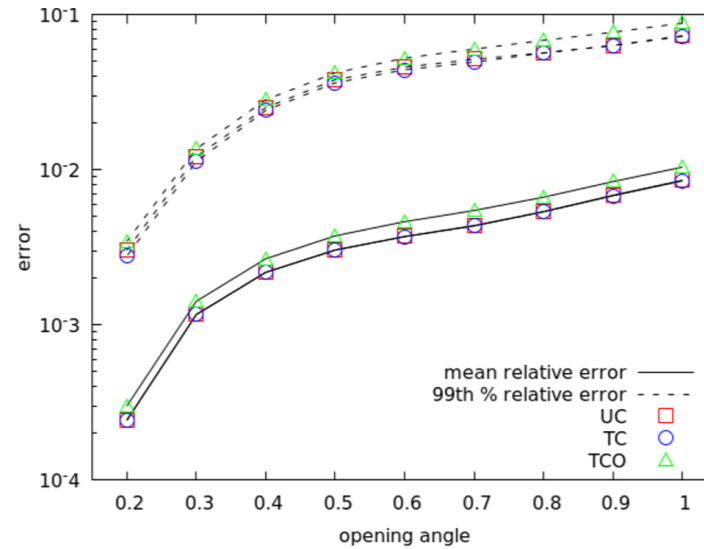
null 2017 AJ 154 92 doi:10.3847/1538-3881/aa7b2f

<https://dx.doi.org/10.3847/1538-3881/aa7b2f>

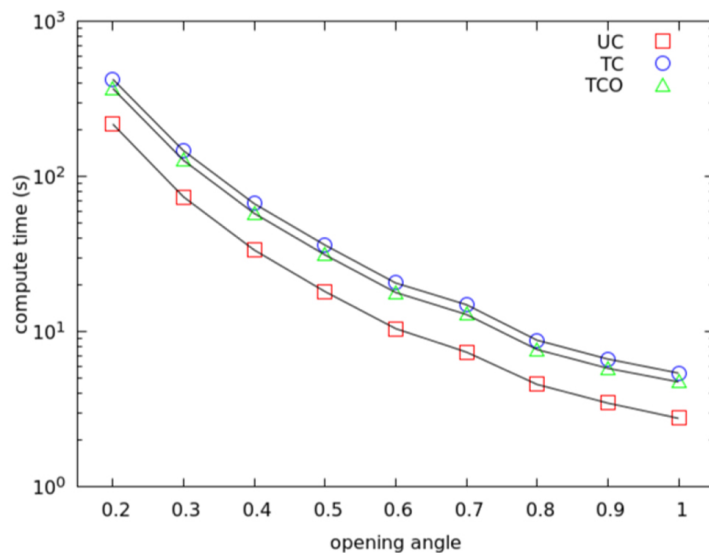
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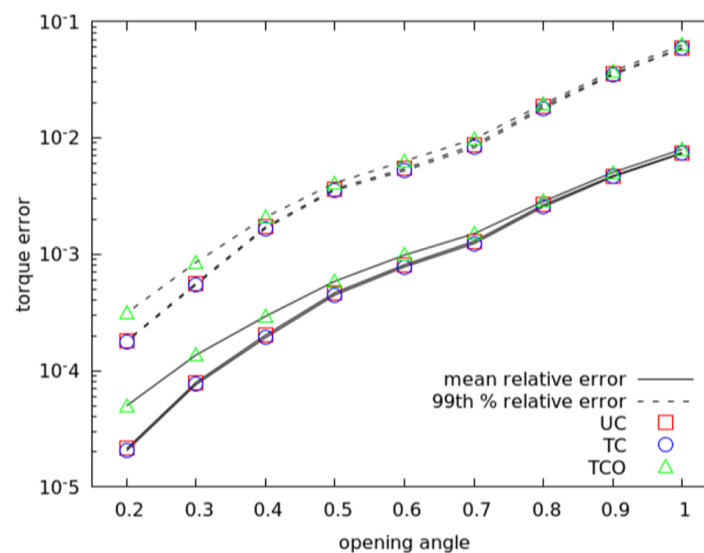
(a) Net force imbalance



(b) Mean relative force error



(c) Compute time



(d) The mean relative torque error.