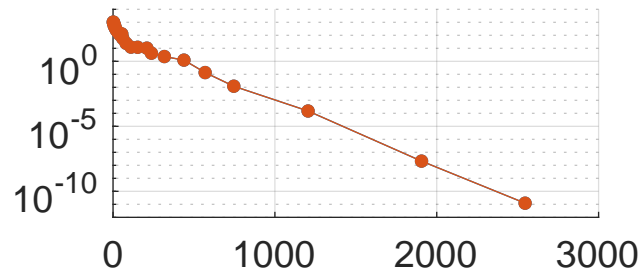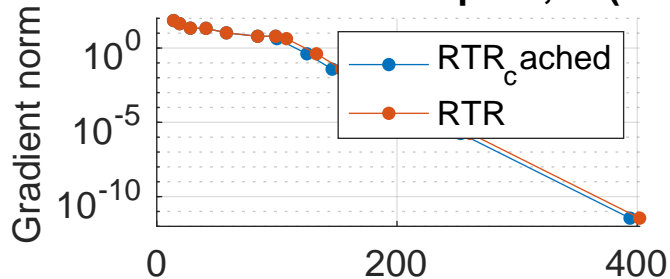**Dominant invariant subspace, Gr(2048, 48)** — **Truncated SVD, St(168, 20) x St(240, 20)**

Legend: RTR$_c$ached, RTR

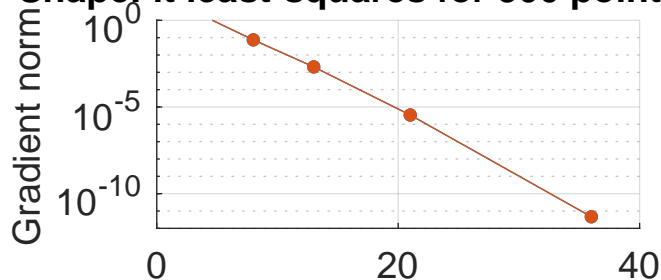**Max-cut with Gset graph #22** — **Synchronization of 50 rotations in SO(3)**
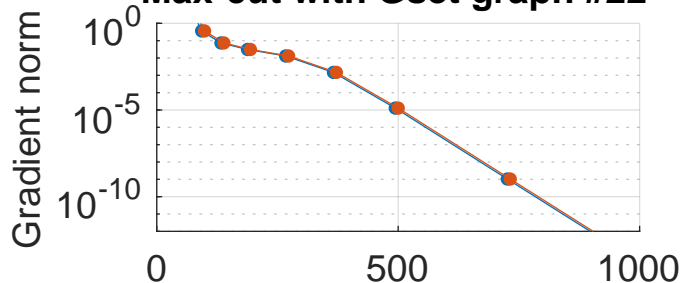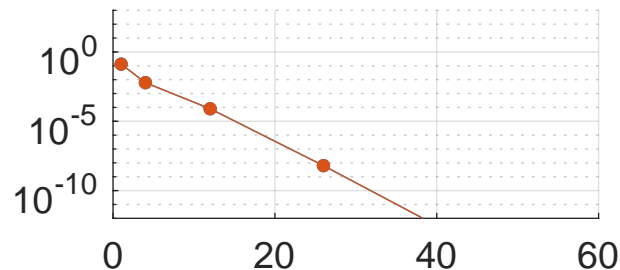
ShapeFit least-squares for 500 points in R^3

gradient calls and Hessian-vector products