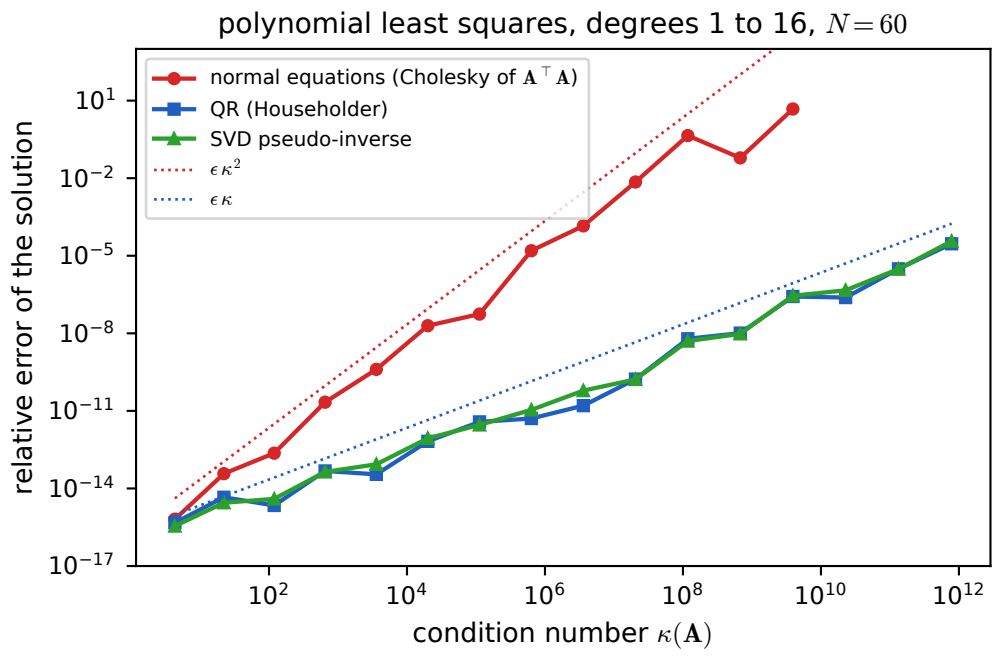

polynomial least squares, degrees 1 to 16, $N = 60$
normal equations (Cholesky of $\mathbf{A}^\top \mathbf{A}$)
QR (Householder)
SVD pseudo-inverse
$\epsilon\kappa^2$
$\epsilon\kappa$
relative error of the solution
condition number $\kappa(\mathbf{A})$
10^{1}
10^{-2}
10^{-5}
10^{-8}
10^{-11}
10^{-14}
10^{-17}
10^{2}
10^{4}
10^{6}
10^{8}
10^{10}
10^{12}