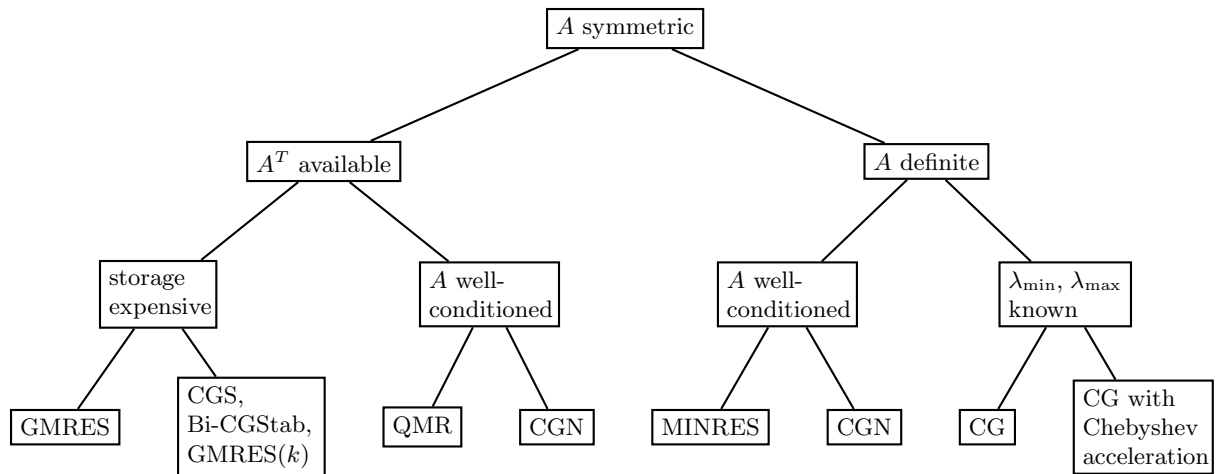


Chart of Iterative Solvers

Branches to left are “no”, to the right “yes”. Taken from the book by Demmel.



The abbreviations used are

GMRES Generalized Minimum RESidual (1986),

CGS Conjugate Gradient Squared (1989),

Bi-CGStab Stabilized Bi-Conjugate Gradient (1992),

QMR Quasi-Minimal Residual (1991),

CGN Conjugate Gradient applied to the Normal equations,

MINRES MINimum RESidual.

Remark A lot more details on iterative solvers can be found in the books by Demmel, Greenbaum, Golub and van Loan, and Trefethen and Bau.