

Optional arguments:

itmax Maximum number of iterations (default: 1000);

iter Actual number of iterations on output;

err Error estimate on output;

istop Stopping criterion:

1 Normwise backward error in the infinity norm (default): $\frac{\|r\|}{\|A\| \|x\| + \|b\|} < \epsilon$

2 2-Norm relative residual $\frac{\|r\|}{\|b\|} < \epsilon$

itrace Print the current value of the error estimator every $itrace > 0$ iterations; default -1 (i.e. no message).

irst Restart parameter for RGMRES (default: 10) and BiCGSTAB(L) (default: 1).