

50

FROM MATLAB PROGRAM 'PMETH' :

[24] ITERATIONS NEEDED FOR CONVERGENCE
OF EIGENVECTOR

$n_c = 22$ IS NUMBER OF ITERATIONS FOR
EIGENVALUE CONVERGENCE

$n_c > n_c$ WHERE n_c IS NUMBER OF
ITERATIONS FOR EIGENVECTOR

CONVERGENCE TOLERANCE VALUES ARE

$$T_c \approx 3.1690 \times 10^{-5} \quad T_l \approx 1.6368 \times 10^{-5}$$

$$T_c \approx 88066 \times 10^{-5} \quad T_l \approx 45486 \times 10^{-5}$$

WHERE T_c, T_l ARE FROM
THE EIGENVECTOR CASE AND
 T_c, T_l ARE FROM THE
EIGENVALUE CASE