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>> probl
-----part b)-----
k = 45 iterations

e-value 1: 2.68554393e+00
e-value 2: -1.74911755e+00
e-value 3: -1.27133037e+00
e-value 4: 0.00000000e+00
e-value 5: 3.34903985e-01

Final Q(e-vectors):
    0.4119    -0.4581    -0.2834         0     0.2004
    0.5825     0.6478    -0.4008         0    -0.2835
    0.2169    -0.3704     0.3153         0    -0.8464
    0.4119    -0.4581    -0.2834         0     0.2004
    0.5237     0.1534     0.7611         0     0.3506

Sum of E-valuse          : 1.11022302e-16
Sum of squared E-valuse: 1.20000000e+01

-----part c)-----
k = 45 iterations

e-value 1: 2.68554393e+00
e-value 2: -1.74911755e+00
e-value 3: -1.27133037e+00
e-value 4: 3.34903985e-01
e-value 5: 0.00000000e+00

Final Q(e-vectors):
    0.5825    -0.6478     0.4008    -0.2835         0
    0.2169     0.3704    -0.3153    -0.8464         0
    0.4119     0.4581     0.2834     0.2004     0.0000
    0.5237    -0.1534    -0.7611     0.3506         0
    0.4119     0.4581     0.2834     0.2004     0.0000

Sum of E-valuse          : 2.77555756e-16
Sum of squared E-valuse: 1.20000000e+01
>>
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