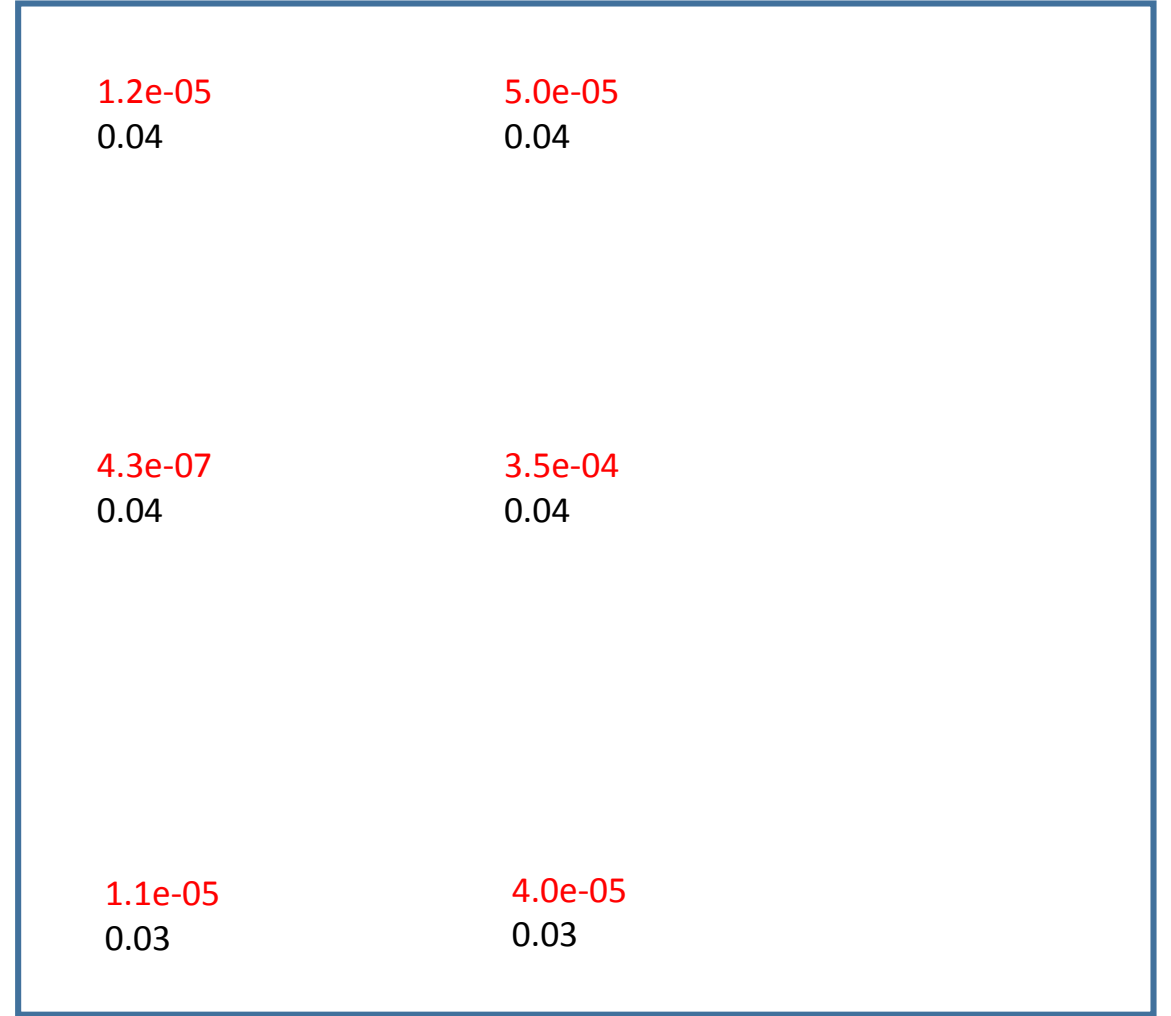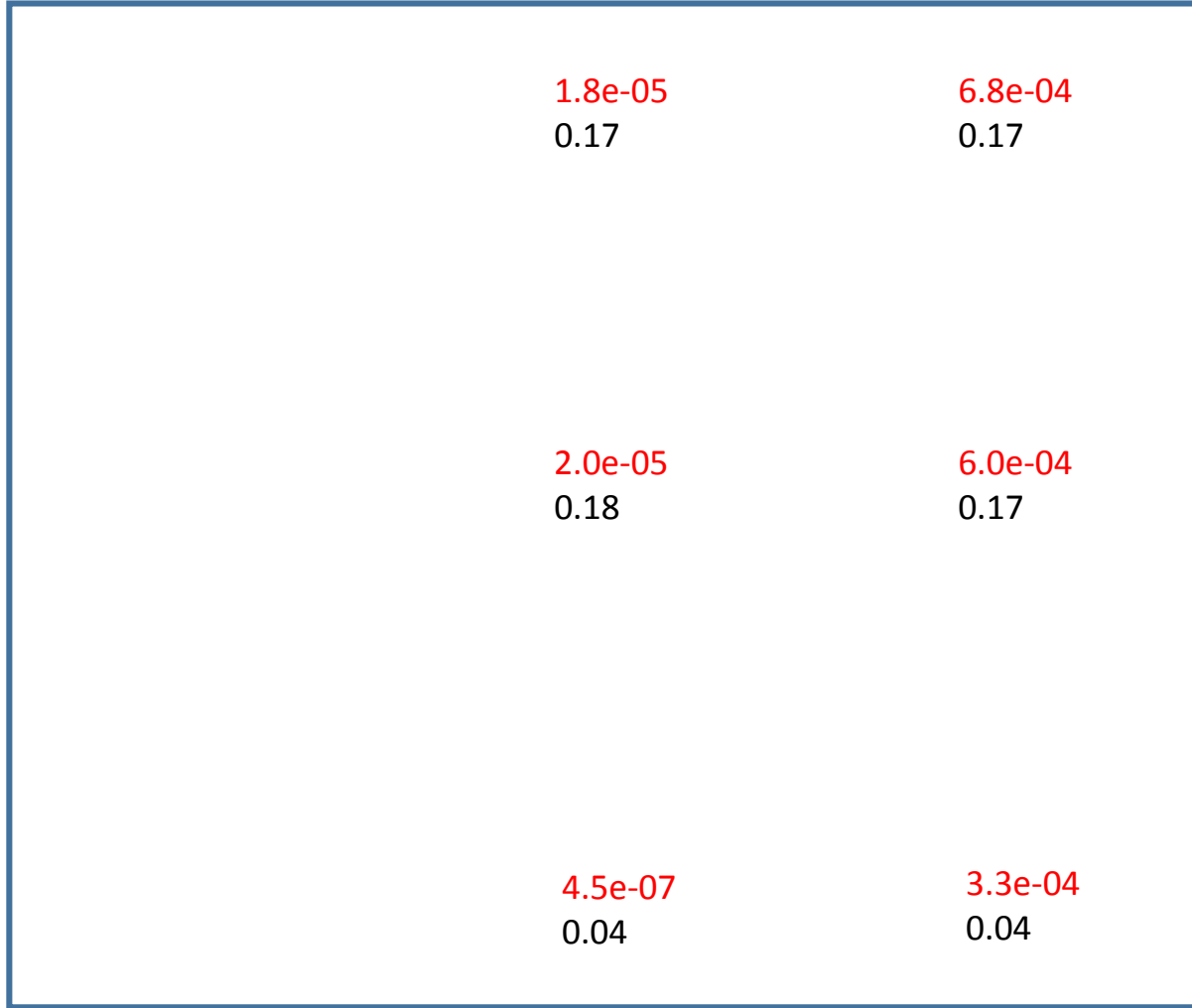rn =

  1.9568e-05
  0.18153
  0.00068692
  0.17186
  1.7592e-05
  0.16972
  0.00068088
  0.1664
  4.484e-07
  0.039313
  0.00032775
  0.041847
  4.3232e-07
  0.040105
  0.0003483
  0.044141
  1.2292e-05
  0.042094
  5.0214e-05
  0.035461
  1.059e-05
  0.034982
  4.0244e-05
  0.030354

>> sum(rn)
ans =

      1

Redundancy Numbers for observations of Relative Orientation (HW 5-1)
Note Sum = 1, total redundancy for the problem

Redundancy Numbers are the diagonal elements of

$$\overline{W} = Q_{vv} W$$

1.8e-05 0.17	6.8e-04 0.17
2.0e-05 0.18	6.0e-04 0.17
4.5e-07 0.04	3.3e-04 0.04

1.2e-05 0.04	5.0e-05 0.04
4.3e-07 0.04	3.5e-04 0.04
1.1e-05 0.03	4.0e-05 0.03

Redundancy Numbers for observations
of Relative Orientation

v_x

v_y