

(numbers for checking your hw5 matlab code)

using 14 ground control points  
 use=[1 0 0 1 0 0 1 0 0]  
 (only zeroth order parameters)

first iteration (parameters all set to zero)

```
B =
1.0e+005 *
 0.0000  -9.9077  -0.0038
 -9.8511   0.0027   0.0001
  0.0000  -9.8981   0.0411
 -9.8513  -0.0069   0.0001
  0.0000  -9.8819   0.1213
 -9.8526  -0.0225   0.0003
  0.0000  -9.8914   0.0740
 -9.8516  -0.0140   0.0002
  0.0000  -9.8960   0.0507
 -9.8514  -0.0079   0.0001
 -0.0000  -9.9093  -0.0125
 -9.8511   0.0058   0.0001
 -0.0000  -9.9087  -0.0115
 -9.8511   0.0045   0.0001
  0.0000  -9.8966   0.0488
 -9.8513  -0.0084   0.0001
  0.0000  -9.8935   0.0626
 -9.8515  -0.0131   0.0001
  0.0000  -9.8776   0.1390
 -9.8530  -0.0293   0.0005
  0.0000  -9.8829   0.1238
 -9.8526  -0.0262   0.0004
  0.0000  -9.8946   0.0684
 -9.8516  -0.0148   0.0002
  0.0000  -9.9092  -0.0031
 -9.8511   0.0003   0.0001
  0.0000  -9.8941   0.0778
 -9.8517  -0.0167   0.0002
```

```
f =
 0.0576
 -3.2514
  0.1730
 -3.3822
  1.0186
  0.2607
  0.6614
 -3.7702
  1.2787
 -3.8129
 -0.1713
 -3.4611
 -1.6197
 -0.7758
  0.4210
 -3.1250
  0.4625
 -3.6287
  1.2221
 -2.5739
  1.1086
 -2.3452
 -0.4487
 -4.0430
 -0.7581
 -1.9028
 -0.2110
 -3.0801
```

```
del =
1.0e-003 *
 0.0028
 0.0004
 0.1199
```