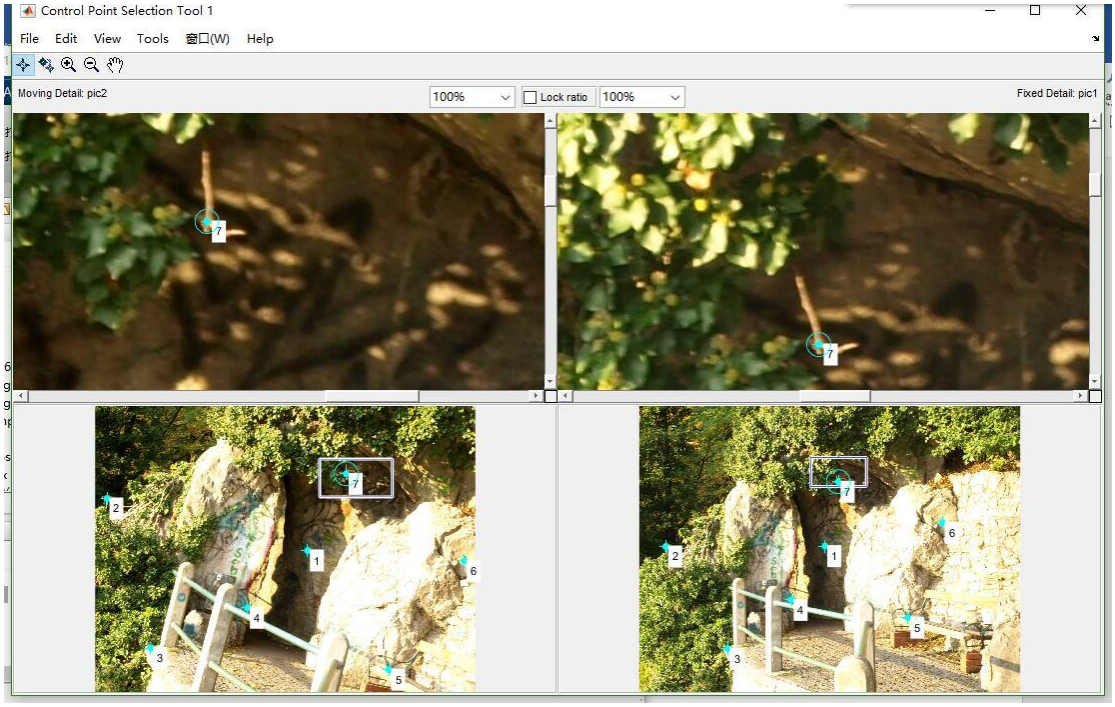
1. 手动标点



2. 输出两幅图中对应点的坐标

```
fixedPoints = 1778.00000000000  1340.50000000000
              254.999999999999  1344
              846.000000000000  2322
              1457    1855.00000000000
              2575    2025.00000000000
              2904    1117.00000000000
              1906    724.999999999999


movingPoints = 1557   1056
                88    676
                408   1769
                1117  1474
                2152  1926
                2705  1132
                1840  496
```

3. 计算转换矩阵

```
>> disp(tran.tdata.T)
    0.9672   -0.2573         0
    0.2573    0.9672         0
   -3.0350  716.0662    1.0000

>> disp(tran.tdata.Tinv)
    0.9656    0.2568         0
   -0.2568    0.9656         0
  186.8423 -690.6217    1.0000
```

4. 输出转换之后的图像

5. 代码示例

```
>> clear
>> pic1 = imread('Image A.jpg');
>> pic2 = imread('Image B.jpg');
>> cpselect(pic2, pic1);
变量已在基础工作区中创建。
>>
>> tran = cp2tform(movingPoints,fixedPoints,'linear conformal');
```

```
>> pic = imtransform(pic2,tran);
>>
>> figure(1)
>> subplot(1,2,1),imshow(pic)
>> subplot(1,2,2),imshow(pic1)
>>
```