

HW6

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Q1

```
x1 = 0.176776  
x2 = 0.012692  
x3 = -0.020661  
x4 = -1.183264
```

Q2

```
矩陣 A 的反矩陣為：  
[[ 0.2797 -0.0805  0.0383 -0.0153]  
 [-0.0805  0.3793  0.0575 -0.023 ]  
 [ 0.0383  0.0575  0.2107 -0.0843]  
 [-0.0153 -0.023  -0.0843  0.2337]]
```

Q3

```
解向量 x 為：  
x1 = 1.4364  
x2 = 2.3091  
x3 = 2.4909  
x4 = 1.1636
```