

### 第一題

Solution: [ 0.17677633 0.0126921 -0.0206612 -1.18326429]

### 第二題

Inverse of A:

```
[[ 0.27969349 -0.08045977 0.03831418 -0.01532567]
 [-0.08045977 0.37931034 0.05747126 -0.02298851]
 [ 0.03831418 0.05747126 0.21072797 -0.08429119]
 [-0.01532567 -0.02298851 -0.08429119 0.23371648]]
```

### 第三題

Solution x: [1.43636364 2.30909091 2.49090909 1.16363636]