1. (x1, x2, x3, x4) = [0.17677633   0.0126921   -0.0206612   -1.18326429]

```
(x1, x2, x3, x4) = [ 0.17677633  0.0126921  -0.0206612  -1.18326429]
```

2. [[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]]

```
A⁻¹ =
[[ 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]]
```

3. x ≈ [1.338028, 2.014085, 1.704225, 0.901408]

```
x ≈ [1.338028, 2.014085, 1.704225, 0.901408]
```