(a) Payoff Matrix

```
weights
tensor([[1., 0., 0.],
        [0., 0., 0.],
        [0., 0., 0.]])
qr
            7.99094,
                         -118.87904,
tensor([[
                                       -118.92965],
          -119.28863,
                            0.07563,
                                          0.07735],
                                          0.09058]])
          -119.26910
                            0.09698,
Qtot
tensor([[8.00000, 4.98479, 5.08439],
        [5.53112, 2.57487, 2.66962],
        [5.48603, 2.53198, 2.62652]])
0i
         0.51580, -0.09452, -0.10572
tensor([
         0.58066, -0.13759, -0.11364]
```

```
(b) Reconstructed Joint and Individual Values
Alpha = 0
```

```
weights
tensor([[1.00000, 0.10000, 0.10000],
        [0.10000, 0.10000, 0.10000],
        [0.10000, 0.10000, 1.00000]]
qr
tensor([[ 3.34509]
                        -120.12776,
                                      -120.10280],
        [-119.64796]
                          -0.02074
                                        -0.09590],
        [-119.68114]
                                        3.35196]])
                          -0.10457,
Qtot
tensor([[-26.49328, -26.49246, -26.49242],
       [-26.49241, -1.22054, -0.45353],
       [-26.49237, -0.54135, 0.23331]])
Qi
tensor([[-21.26166,
                     0.15220,
                                0.22226]
       [-17.93683,
                     0.16158, 0.22885]))
```

(c) Reconstructed Joint and Individual Values
Alpha = 0.1