HW7

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1

I exclude the matrices for the value and policy functions since they are 30x30, they can be found in the .mat file.
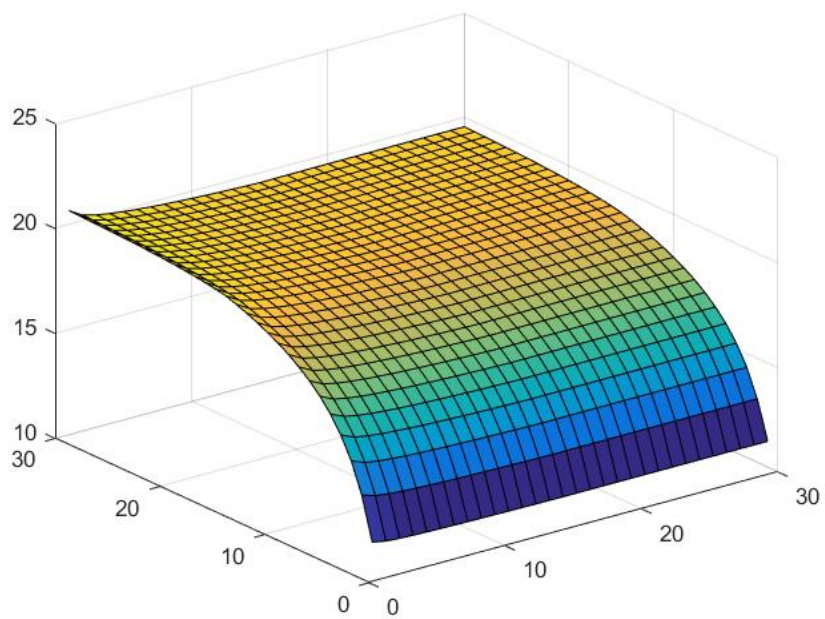
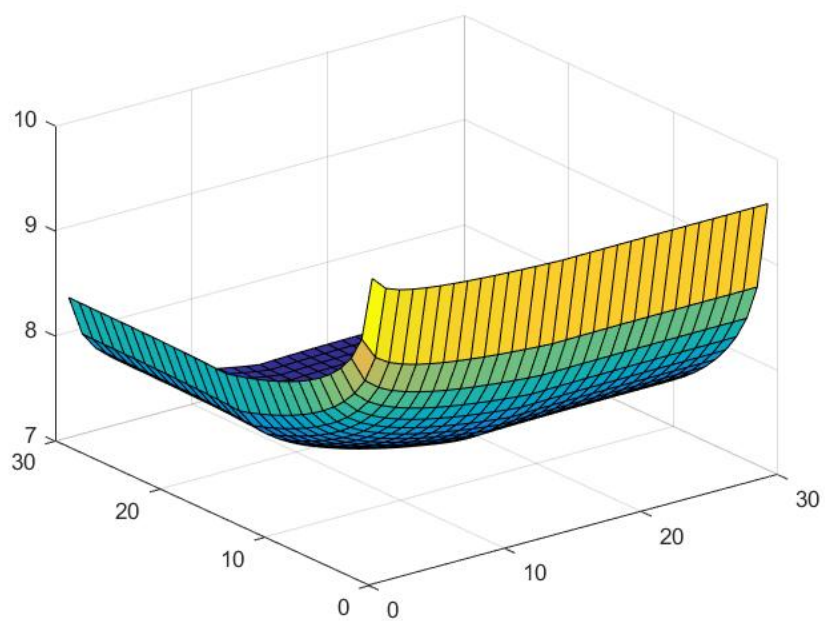Graphs asked in the question are as follows:

Figure 1:

Figure 2:

2

For this part, I couldn't find a compact way of writing the loop, but I included my attempt anyways. I wanted to write a while loop that takes any initial distribution of states and gives the distribution in the next step. So, in 10-20-30 iterations, we would get the requested results.