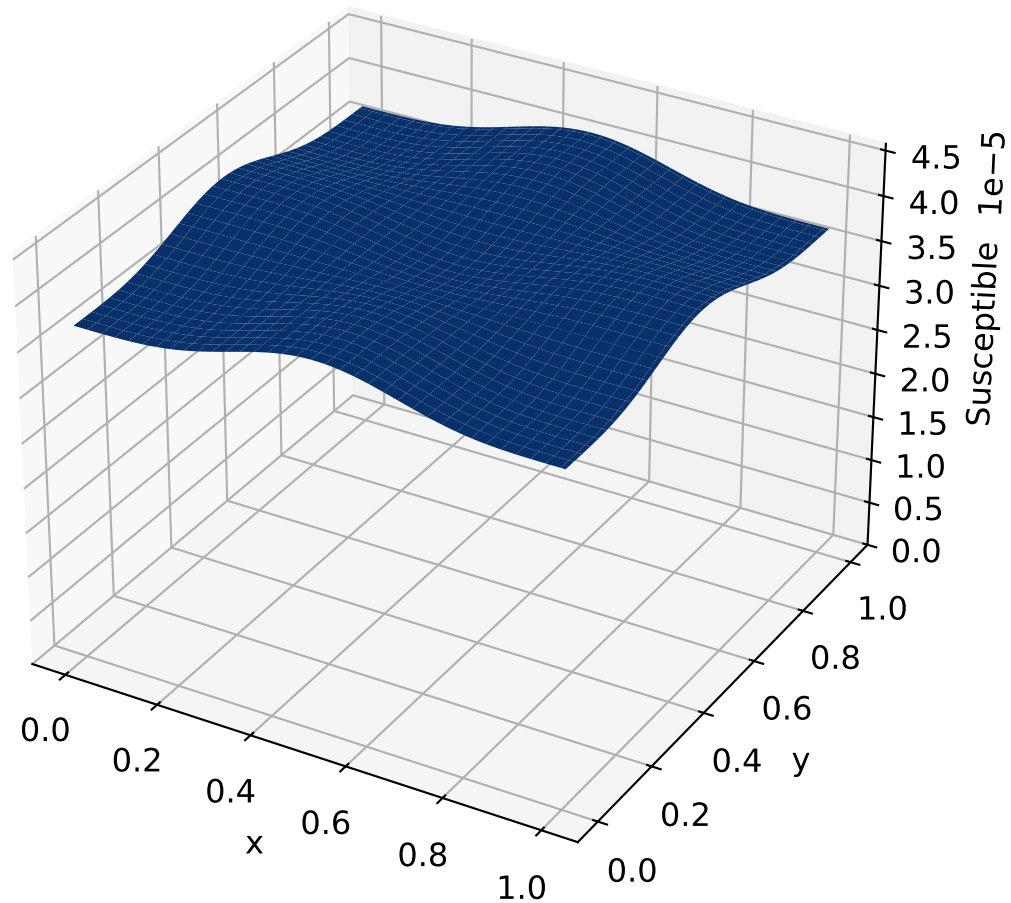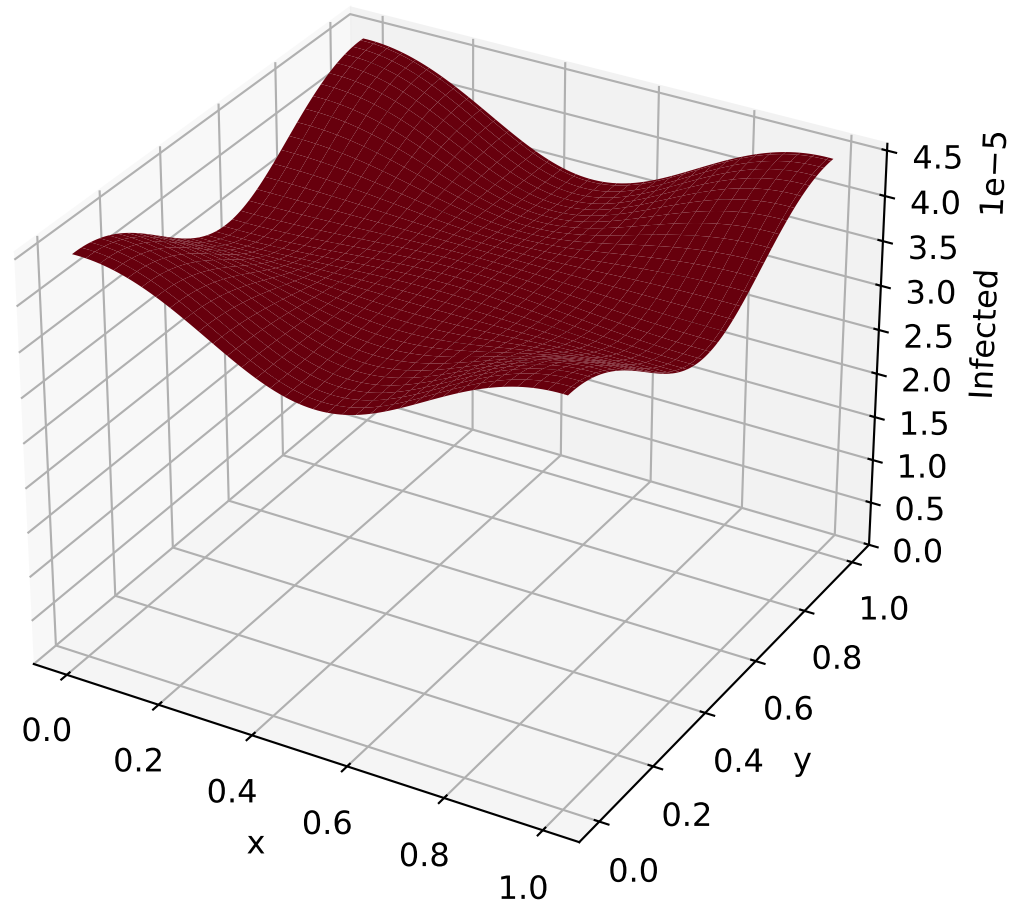Plot of the SIR-model at time 0.500

Susceptible

Infected

Recovered