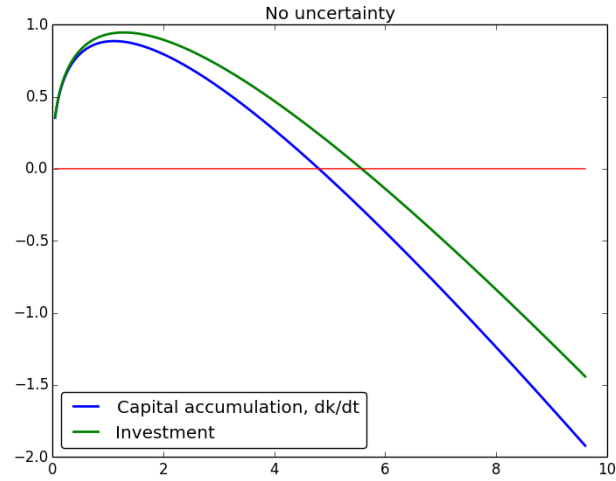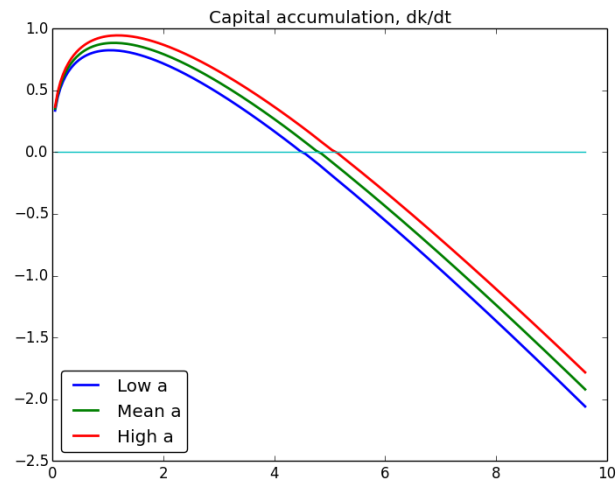# Problem 2

Following the slides, we implement a finite difference approach to solve the problem. Figure 5 depicts the results for the case of no uncertainty. Adding Poisson jumps is straightforward. Figure 6 shows the results.

Figure 5: Policies in absence of uncertainty

Figure 6: Policies with uncertainty