Generic deterministic problem

for

State variables: for

Control variables: for

Return function:

Transition function: for

Neoclassical growth model: ([slides](https://benjaminmoll.com/wp-content/uploads/2021/04/STEG_course.pdf) 16+, [Moll Julia code](https://github.com/chandlerlester/Radio_Free_Julia/tree/master/Moll_Code/Section15-General_Continuous_Time_Models/HJB_NGM_implicit))

Consumption saving model: (Moll [notes](https://benjaminmoll.com/wp-content/uploads/2020/06/HACT_Additional_Codes.pdf), [Julia code](https://github.com/chandlerlester/Radio_Free_Julia/tree/master/Moll_Code/Section15-General_Continuous_Time_Models/HJB_simple_implicit))