The code solves the steady state in Julia and uses the BKM Method to solve the dynamics.

The steady state of the model uses the Endogenous Grid Method (EGM), using the code of Alidstair McKay (All errors are ours)

**I - Julia code to solve for the steady state, the IRF and the comparison between the methods:**

* Main file « MIT\_simul.jl » It uses the following files:
  + « Aiyagari\_solve.jl » solve aiyagari model
  + « Parameters.jl » parameters of the Aiyagari model
  + « MIT\_functions.jl » functions to generate the transition and the IRF in the BKM Method

**II – Simulations and the IRF :**

* Be sure the following files are in the same folder to generate the comparison between the methods:
  + « tofigtruncation.mat » impulse response functions from the variables
  + « tofigtruncationsimt.mat » time series simulations for the main variables (deviation from the steady state)
  + « tofigreiter.mat » impulse response functions from the variables
  + « tofigreitersimt.mat » time series simulations for the main variables (deviation from the steady state)