* More “controversial”: *Using Simulink to model the Ramsey/Cass-Koopmans (RCK) system (Sonia & Ken, MATLAB, Simulink, PCT).*
  + <https://en.wikipedia.org/wiki/Ramsey%E2%80%93Cass%E2%80%93Koopmans_model>
  + “Controversial” because it would highlight the use of Simulink in a finance/economics context (although really it’s just two coupled differential equations).
  + Also inspired by central bank questions (I have no imagination)
  + More of an “academic” question, widely studied in university degrees/modules, but should be of interest to central banks and possibly others
  + Much easier to understand than DSGE (it’s a 2D system) – should highlight how easy it is to get started with Simulink and build something useful
  + Would like to make a nice visualisation of the phase plane (see wiki page for a simple visualisation of this)
  + Run the Simulink model in parallel to create many distinct trajectories for the phase plane.

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Gentle introduction to Simulink, with parfor.

Simulink adds value for graphically setting

up the equations. Simulink use cases outside of

the usual engineering world. Applications

of Simulink.

Compare with a MATLAB implementation using

ODE45. Shows plus/delta of both approaches.

Marta has some materials on the Simulink Visual Editor.