Dynamic Economic Policy

Course Description
This course has two aims. Firstly, we seek to explore dynamic processes, which involves a formal and computational analysis of linear and nonlinear difference equations. Secondly, we aim to expand our understanding of economics by developing various economic models and examining their implications for economic policy.

Topics
1. Exemplary fields of application: Business cycle models - growth models - financial market models - Cobweb models - housing market models
2. Analytical methods: Linear difference equations - nonlinear difference equations - systems of difference equations
4. Software programs: Mathematica

Times and Rooms
Lecture: Thursday, 12:00-14:00, F21/02.18, starts on April, 18
Exercise: Wednesday, 10:00-12:00, RZ/01.03, starts on April, 24

Course Material
Course material will be provided on the Virtueller Campus.

Literature