CURSOS DE INVERNO CMCD | 2018

Syllabus

[cmcd.economia@fgv.br]

Course: Recursive Dynamic Models
Professor: V. Filipe Martins-da-Rocha

2018WINTER

PROGRAM

Basic concepts of dynamic optimization applied to recursive economic problems.

BIBLIOGRAPHY

1. Sorger, G.: "Dynamic Economic Analysis: Deterministic Models in Discrete Time". Cambridge University Press, 2015.
2. Sundaran, R.: "A First Course in Optimization Theory". Princeton University Press, 2011.
3. Ljungqvist, L and Sargent, T.: "Recursive Macroeconomic Theory". MIT Press, 2004.
4. Miao, J.: "Economic Dynamics in Discrete Time". MIT Press, 2014

GRADING

Final examination or an equivalent exercise due at the time of the final examination.

PROFESSOR-EMAIL

victor.rocha@fgv.br

DETAILEDPROGRAM

1. Euler equations and Transversality Condition
2. Recursive approach
3. Stationary discounted problems
4. Applications to dynamic competitive equilibrium