

Microeconomics II

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Antonio Nicolò (antonio.nicolo@unipd.it)

Textbooks

- Macho-Stadler, I., Perez-Castrillo, D. *An Introduction to the Economics of Information. Incentives and Contracts*, Oxford University Press 2001.
- S.Barberà, “Strategy-proof Social Choice”, in K. J. Arrow, A. K. Sen and K. Suzumura (eds.) *Handbook of Social Choice and Welfare*, Volume 2 . Netherlands: North-Holland, 731—831, 2010.
- M. O. Jackson. “Mechanism Theory”, in *Optimization and Operations Research*, edited by Ulrich Derigs, in the Encyclopedia of Life Support Systems, 2003.
- M. O. Jackson. “A Crash Course in Implementation Theory”, *Social Choice and Welfare*, 18, 655-708, 2001.

Other useful books

Bolton, P., Dewatripont M. *Contract Theory*, MIT press, 2004.

Mas-Colell, Whinston and Green, *Microeconomic Theory*, Oxford University Press 1995, Chapters 13,14, 23

Programme

Part I Economics of Information

Lecture 1 Introduction to Economics of Information: baseline model

Lecture 2 Moral Hazard

Lecture 3 Adverse Selection

Lecture 4 Signalling

Part II Incentives and Mechanism Design

Lecture 5 Introduction to Mechanism Design

Lecture 6 Strategy-proofness Gibbard- Satterthwaite theorem

Lecture 7 Single-peaked Domain and Quasi linear domain

Lecture 8 Nash and Subgame Nash implementation

Lecture 9 Matching Theory I (one-sided matching)

Lecture10 Matching Theory II (two-sided matching)