



APRIL 28, 2025

REAL LIFE GAMES: HOW GAME THEORY SHAPES HUMAN DECISIONS

LOGISTICS

Adrian Haret
a.haret@lmu.de

The class is about *game theory*.

The class is about *game theory*. And how it explains behavior

The class is about *game theory*. And how it explains behavior that seems weird, unintuitive, or irrational.

PLAN

Topics

We'll start with some basic notions: games, strategies, equilibria.

We'll then study various games through their applications to interesting topics.

PLAN

Topics

We'll start with some basic notions: games, strategies, equilibria.

We'll then study various games through their applications to interesting topics.

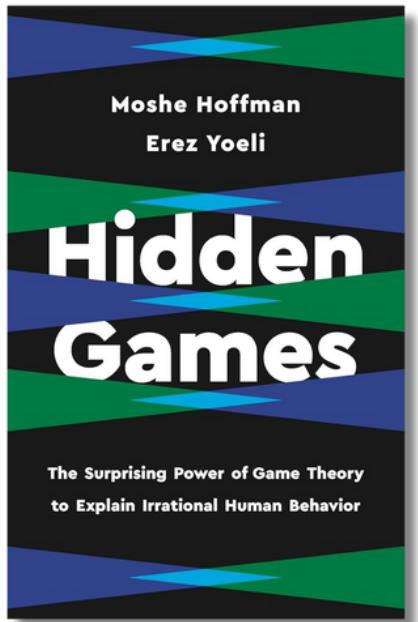
Methods

Mix of formal and empirical work.

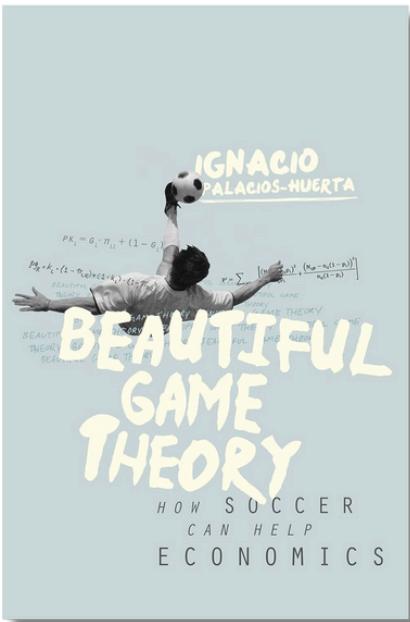
A bit mathy (sorry!).

But, in general, the main intuition is what matters.

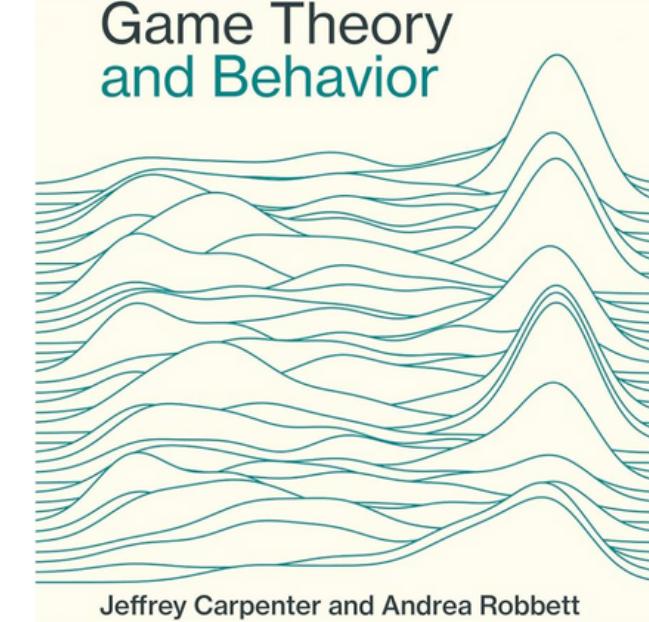
RESOURCES



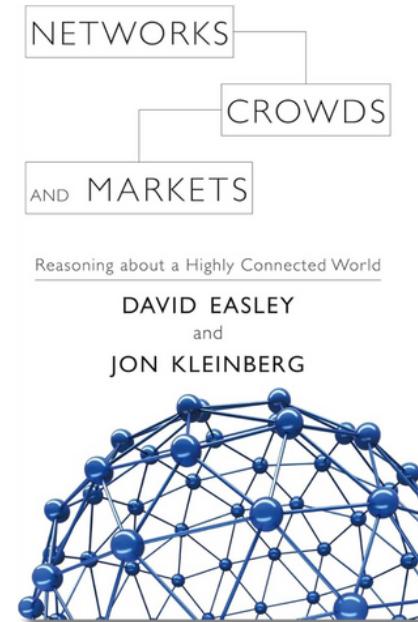
MOSHE HOFFMAN & EREZ YOELI
Hidden Games: The Surprising Power of Game Theory to Explain Irrational Human Behavior
Basic Books
2022



IGNACIO PALACIOS-HUERTA
Beautiful Game Theory: How Soccer Can Help Economics
Princeton University Press
2014

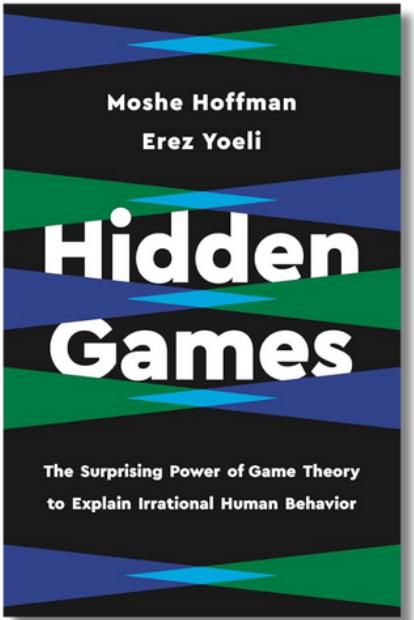


JEFFREY CARPENTER & ANDREA ROBBETT
Game Theory and Behavior
MIT Press
2022

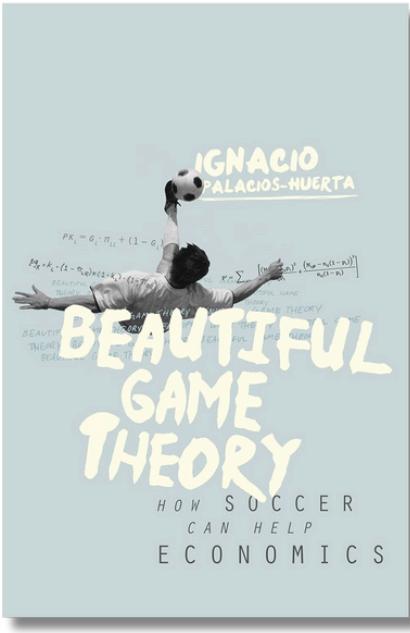


DAVID EASLEY & JON KLEINBERG
Networks, Crowds, and Markets: Reasoning about a Highly Connected World
Cambridge University Press
2010

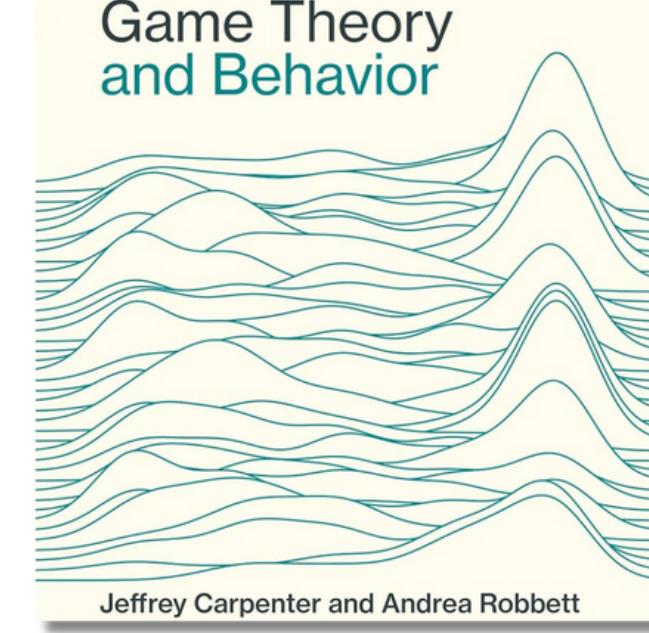
RESOURCES



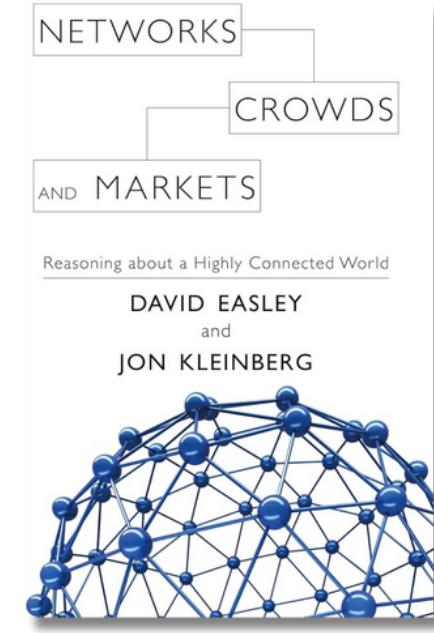
MOSHE HOFFMAN & EREZ YOELI
Hidden Games: The Surprising Power of Game Theory to Explain Irrational Human Behavior
Basic Books
2022



IGNACIO PALACIOS-HUERTA
Beautiful Game Theory: How Soccer Can Help Economics
Princeton University Press
2014



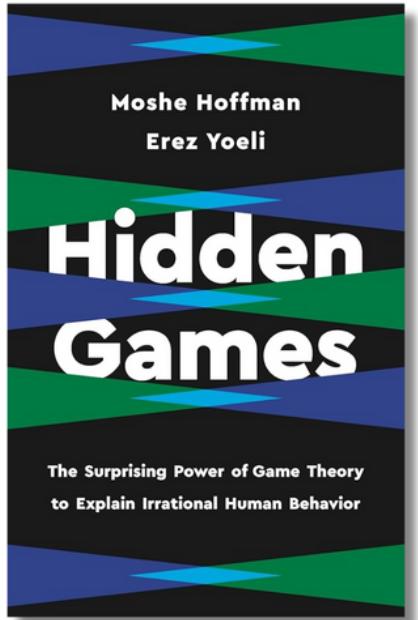
JEFFREY CARPENTER & ANDREA ROBBETT
Game Theory and Behavior
MIT Press
2022



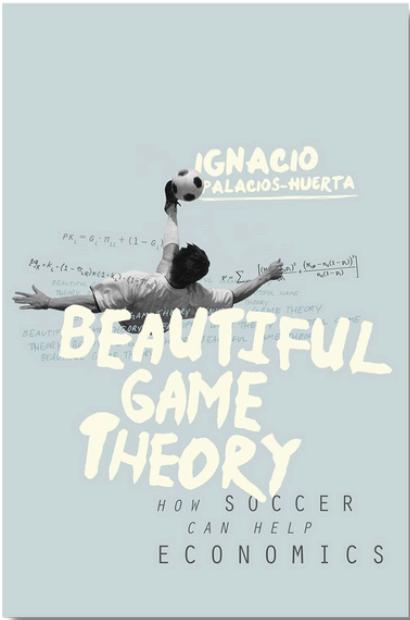
DAVID EASLEY & JON KLEINBERG
Networks, Crowds, and Markets: Reasoning about a Highly Connected World
Cambridge University Press
2010

...plus papers, videos, podcasts.

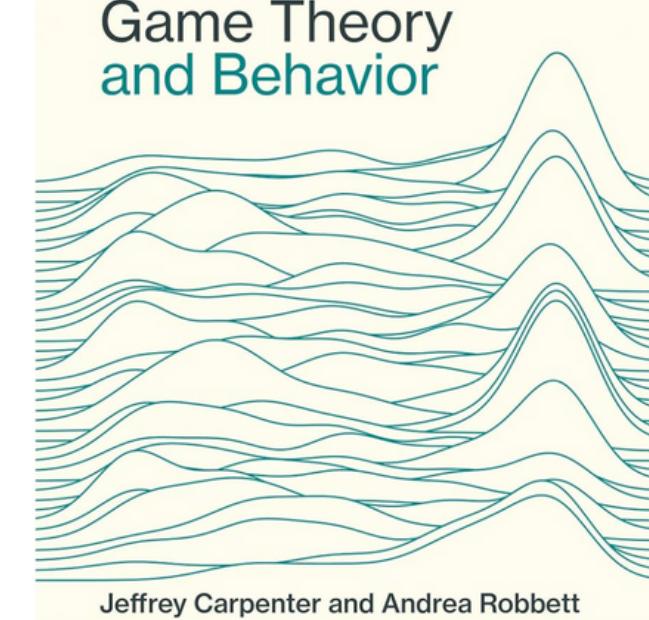
RESOURCES



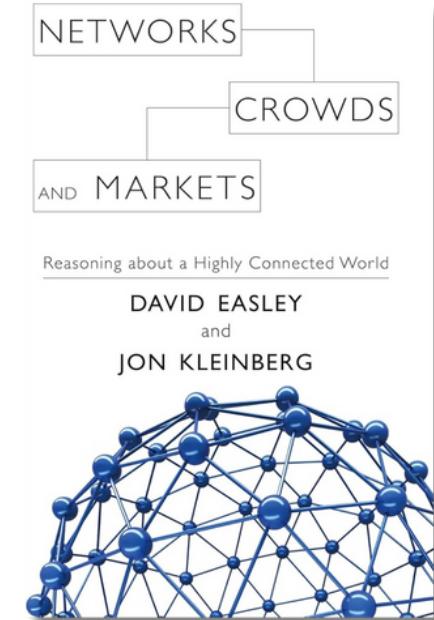
MOSHE HOFFMAN & EREZ YOELI
Hidden Games: The Surprising Power of Game Theory to Explain Irrational Human Behavior
Basic Books
2022



IGNACIO PALACIOS-HUERTA
Beautiful Game Theory: How Soccer Can Help Economics
Princeton University Press
2014



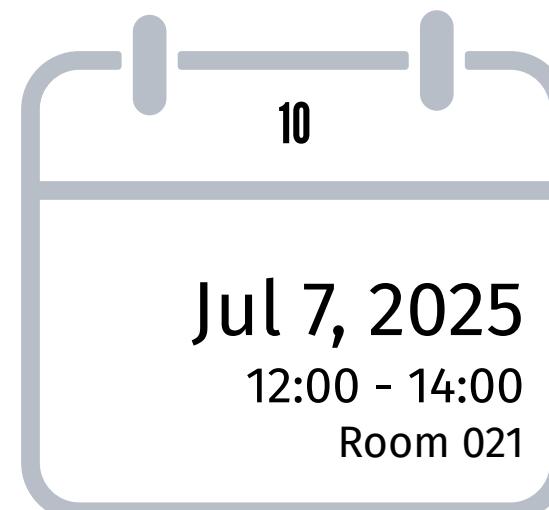
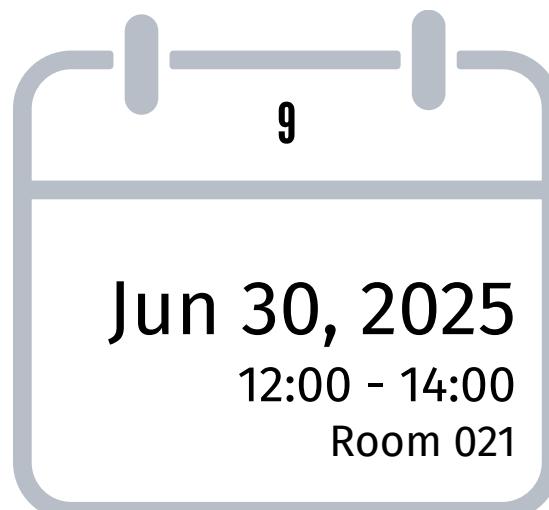
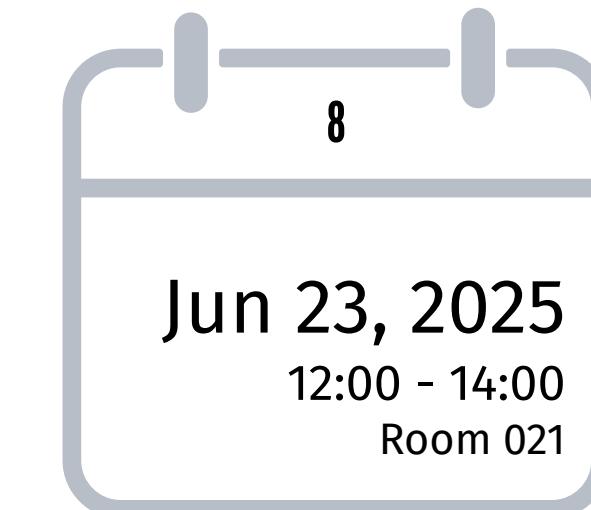
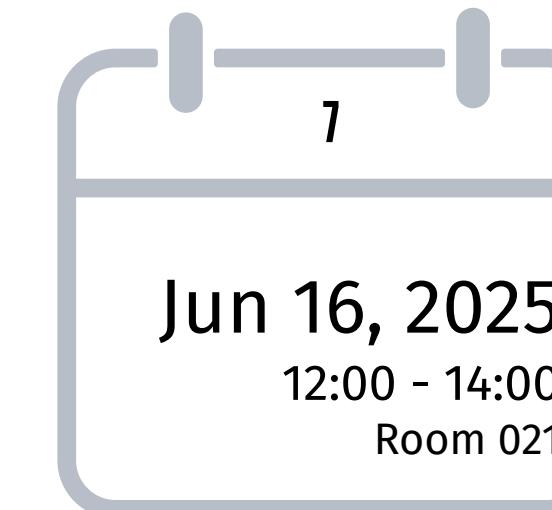
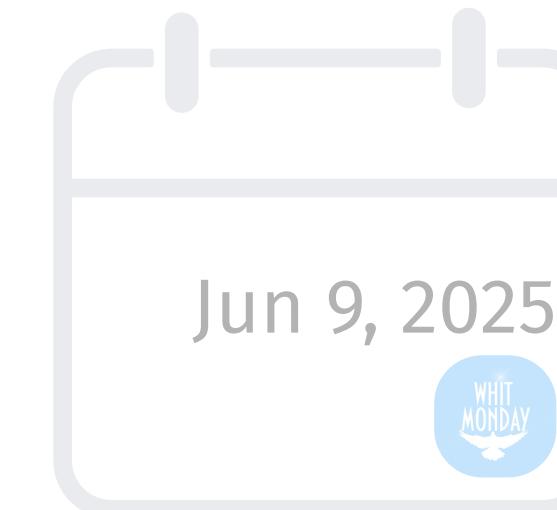
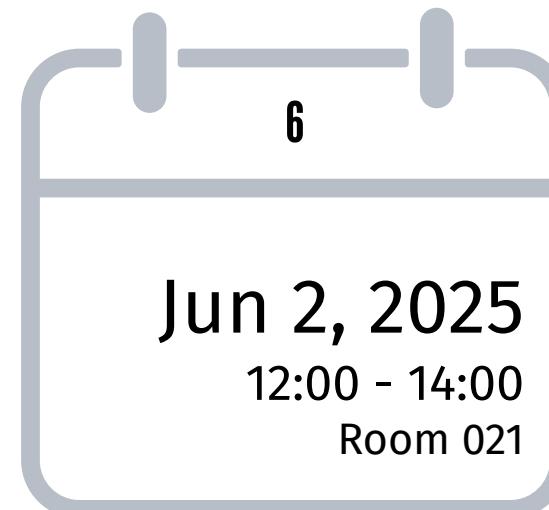
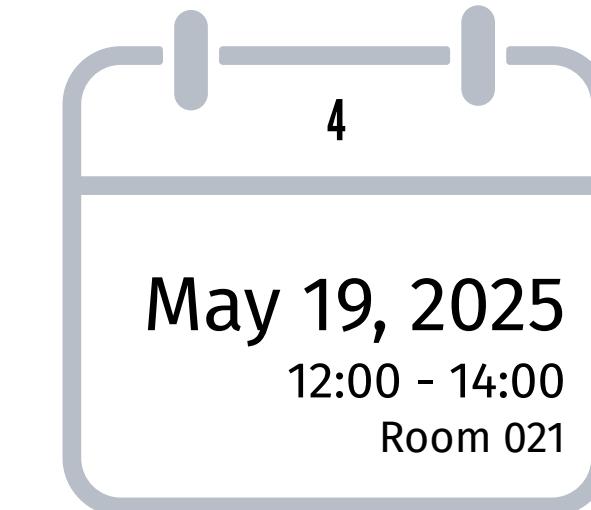
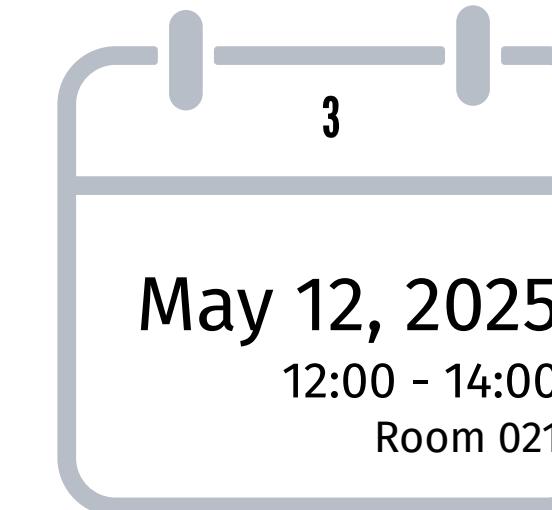
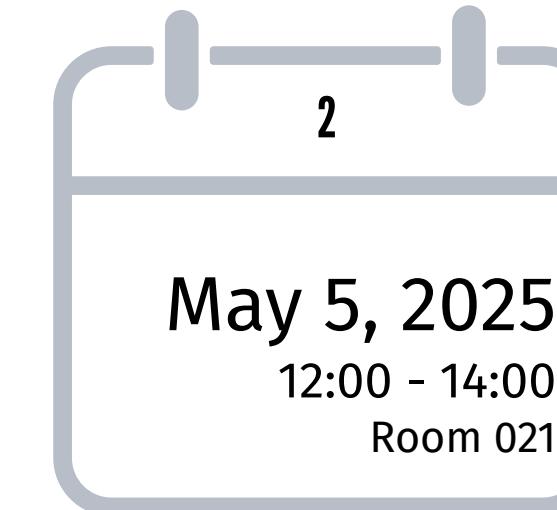
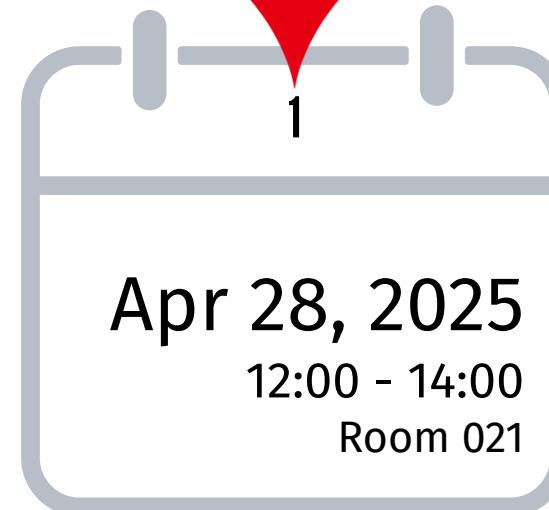
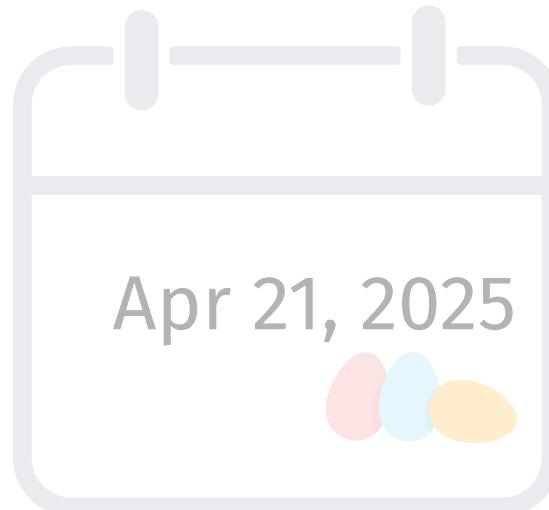
JEFFREY CARPENTER & ANDREA ROBBETT
Game Theory and Behavior
MIT Press
2022



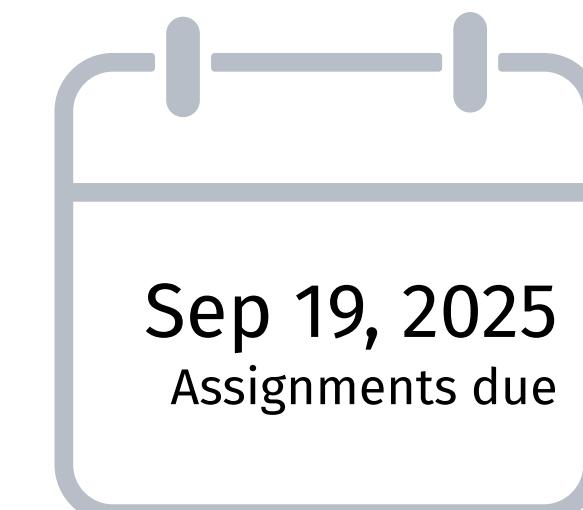
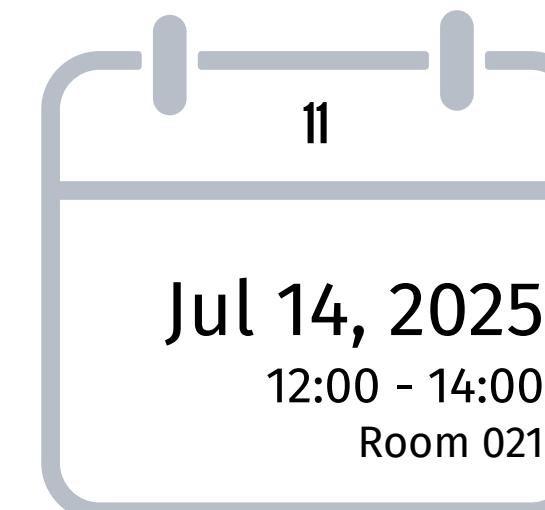
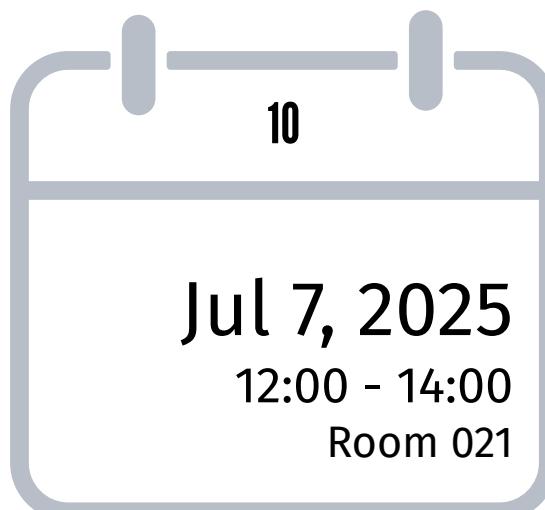
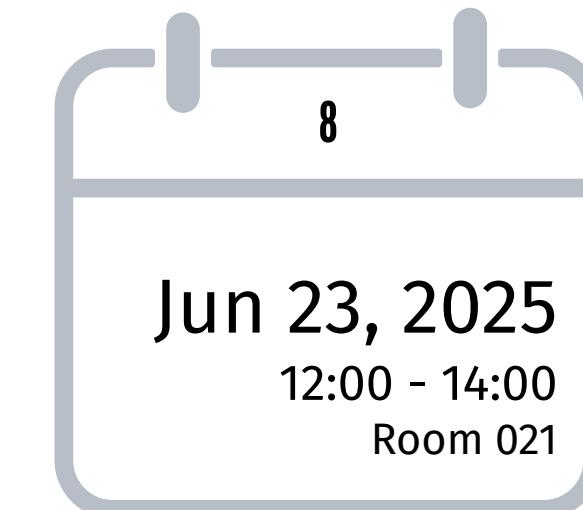
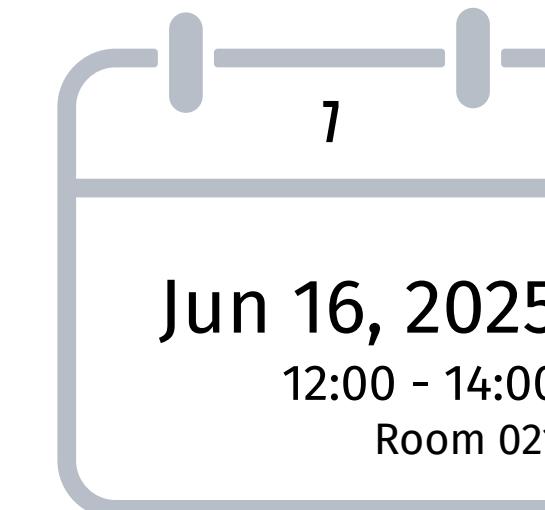
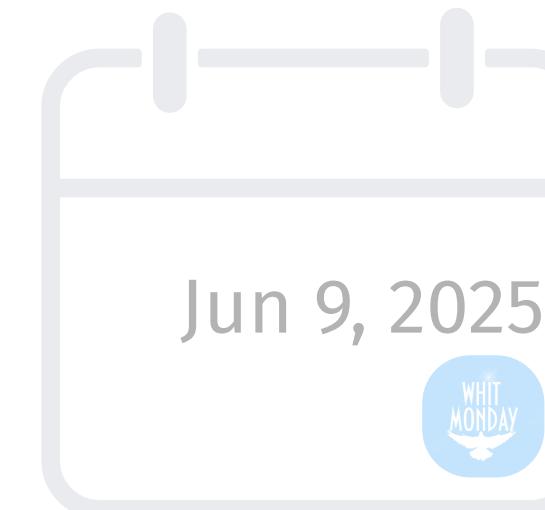
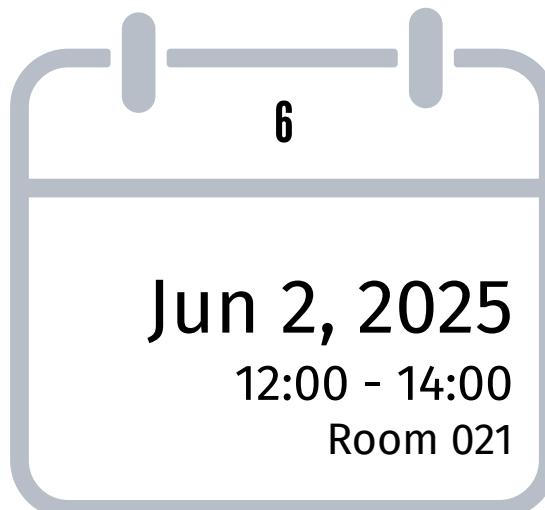
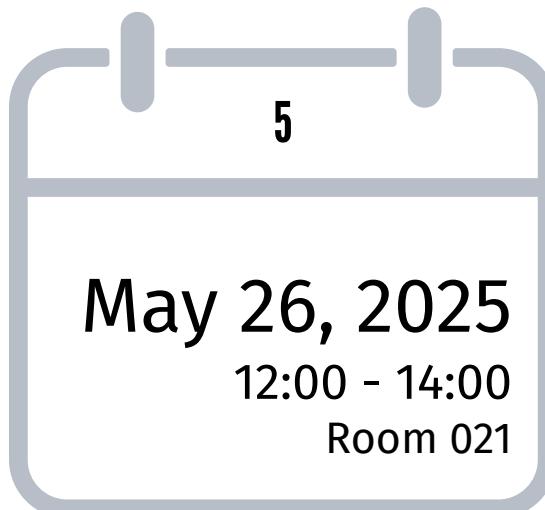
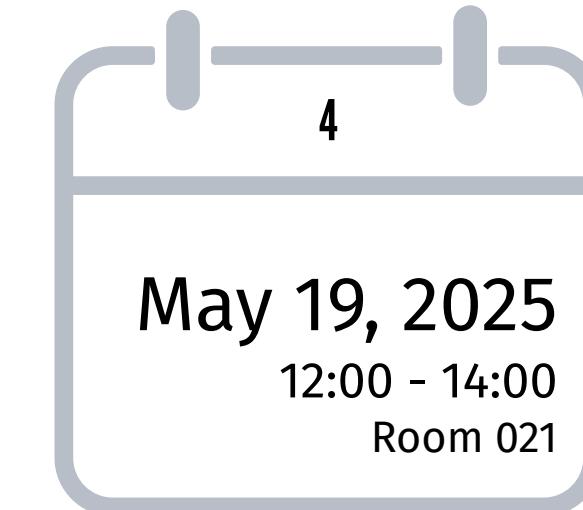
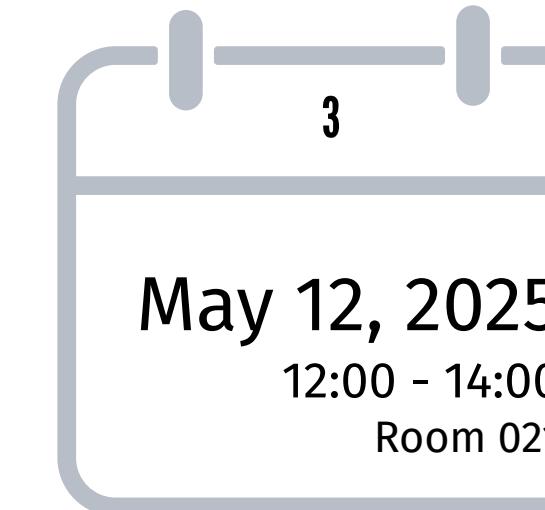
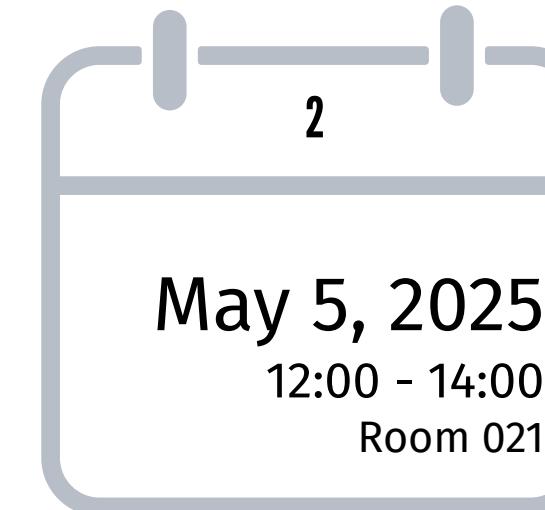
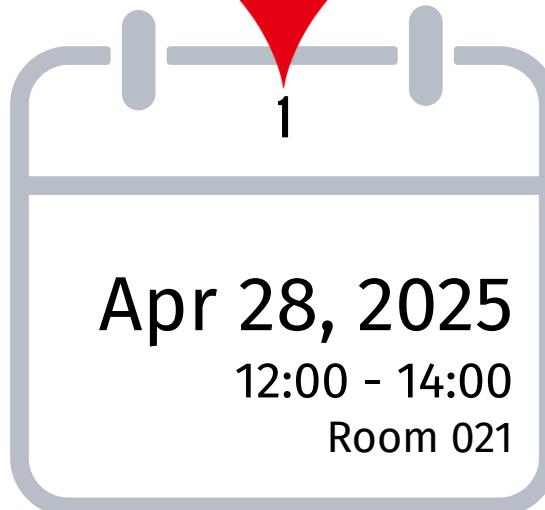
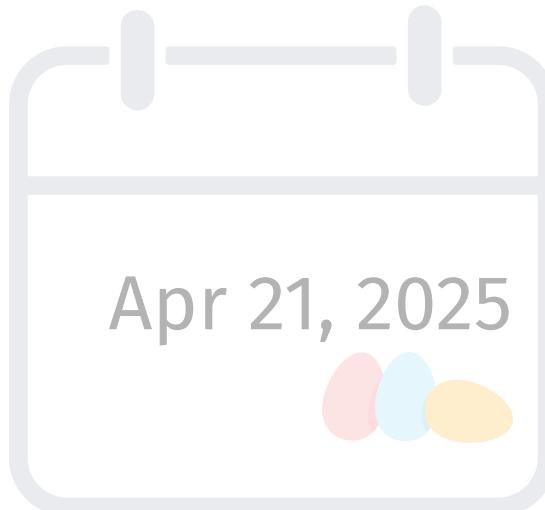
DAVID EASLEY & JON KLEINBERG
Networks, Crowds, and Markets: Reasoning about a Highly Connected World
Cambridge University Press
2010

...plus papers, videos, podcasts.
Stay tuned!

LECTURES



LECTURES

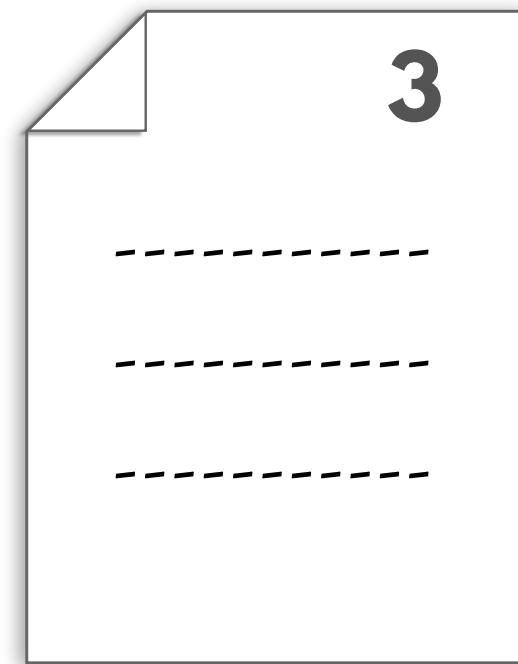
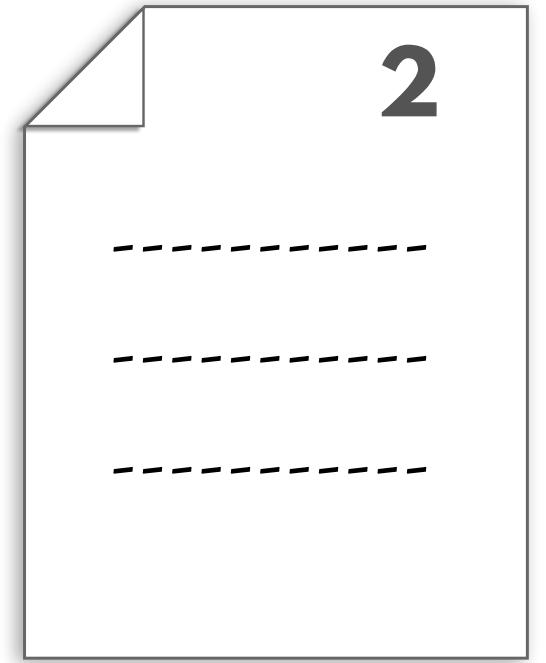
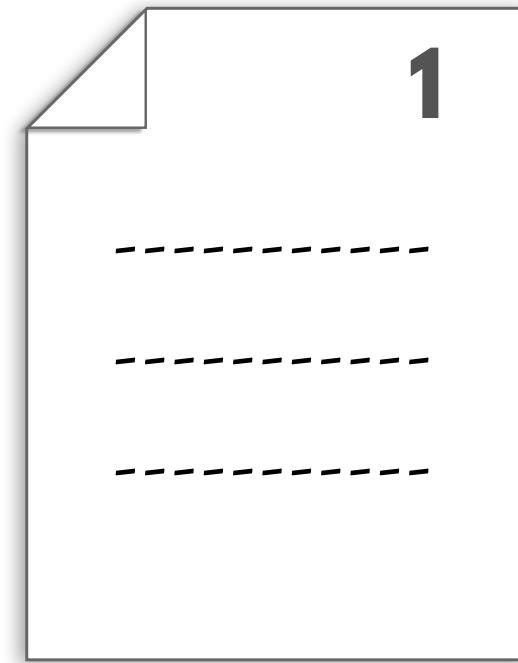


EVALUATION

Three assignments

An assignment is either an:

- essay (~3pp), or
- oral presentation of course material, or
- implementation + report



EVALUATION

Three assignments

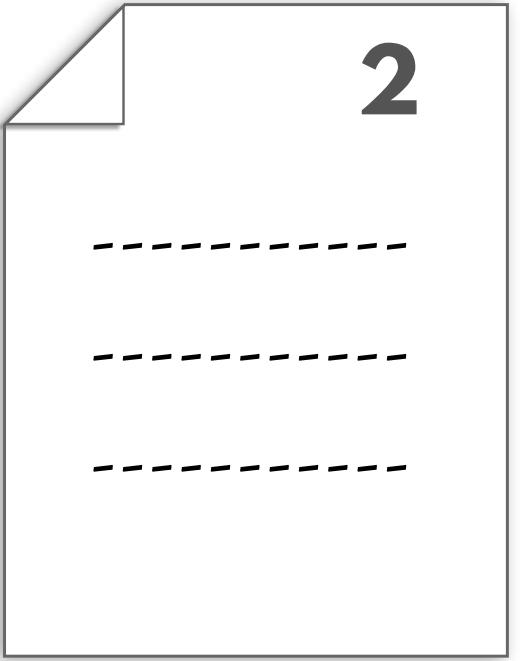
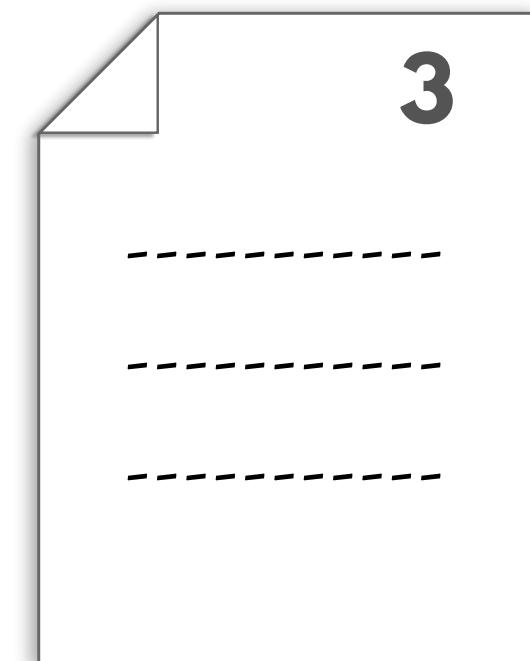
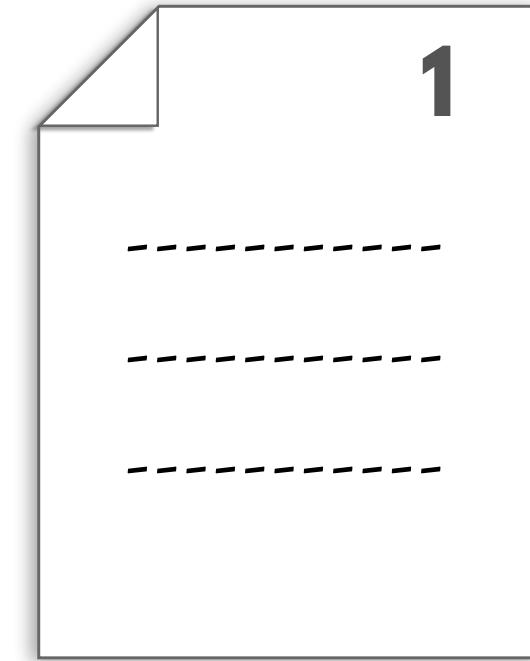
An assignment is either an:

- essay (~3pp), or
- oral presentation of course material, or
- implementation + report

Essays

Can be:

- review of existing paper
- developing a research idea
- exploring a topic



EVALUATION

Three assignments

An assignment is either an:

- essay (~3pp), or
- oral presentation of course material, or
- implementation + report

Essays

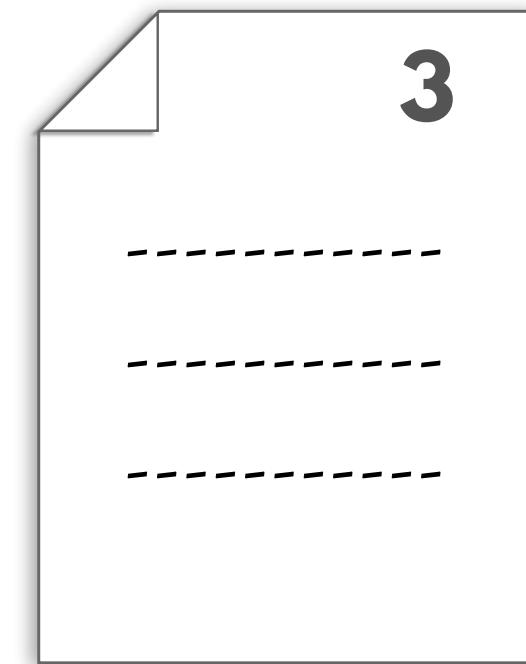
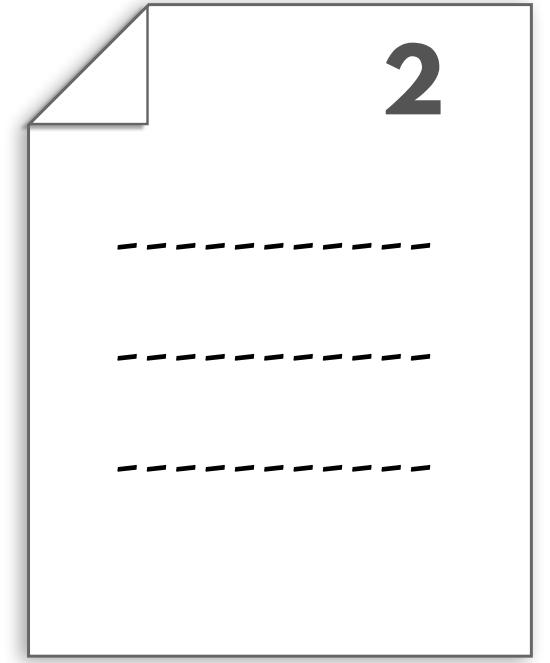
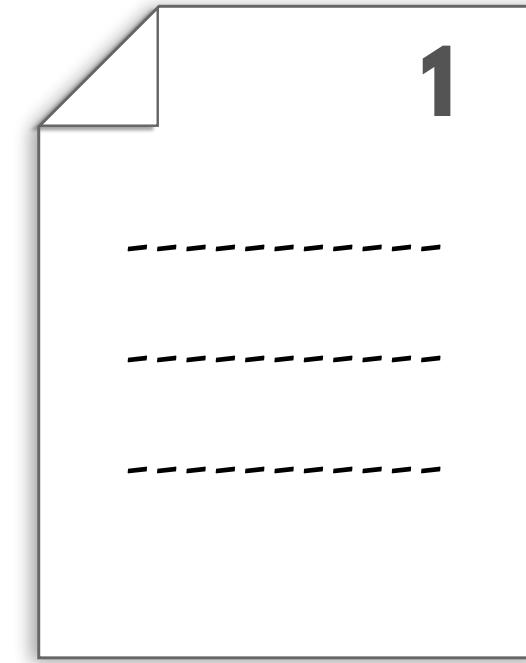
Can be:

- review of existing paper
- developing a research idea
- exploring a topic

Note

Assignments can be combined!

E.g., 1 x 6pp essay = 2 x 3pp essay.



EVALUATION

Three assignments

An assignment is either an:

- essay (~3pp), or
- oral presentation of course material, or
- implementation + report

Essays

Can be:

- review of existing paper
- developing a research idea
- exploring a topic

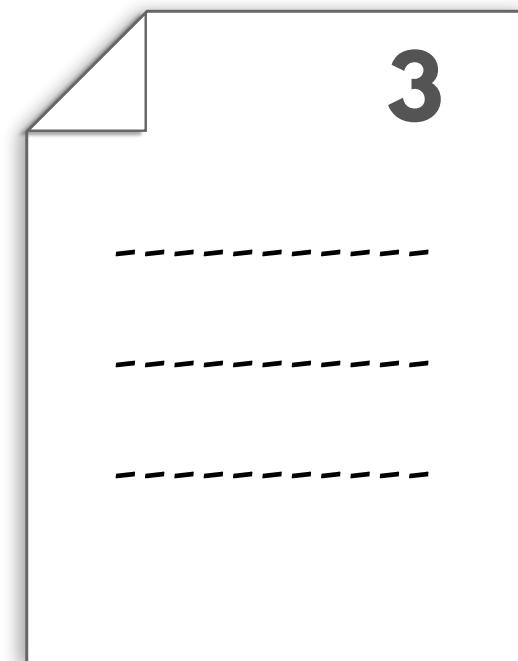
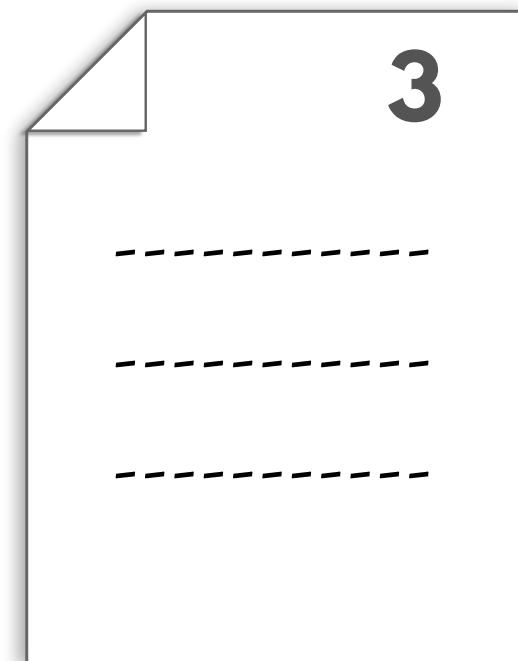
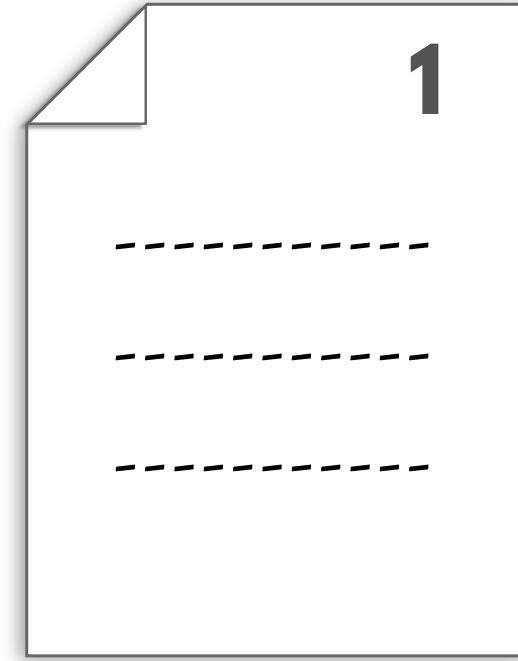
Note

Assignments can be combined!

E.g., 1 x 6pp essay = 2 x 3pp essay.

Deadline

September 19, 2025



ETIQUETTE

Questions

Feel free to interrupt any time.

ETIQUETTE

Questions

Feel free to interrupt any time.

Respect towards peers

Please.

ETIQUETTE

Questions

Feel free to interrupt any time.

Respect towards peers

Please.

Taking credit

Don't plagiarize (obviously).

ETIQUETTE

Questions

Feel free to interrupt any time.

Respect towards peers

Please.

Taking credit

Don't plagiarize (obviously).

ChatGPT?

ETIQUETTE

Questions

Feel free to interrupt any time.

Respect towards peers

Please.

Taking credit

Don't plagiarize (obviously).

ChatGPT? Sure, but you have to put your own spin on things!

Now let's get to know each other.

ME



ADRIAN HARET

- Assistant Professor
- Chair in Philosophy and Decision Theory
MCMP, LMU Munich
- MCMP, LMU Munich
Ludwigstraße 31, Room 032
80539, München
- a.haret@lmu.de
- <https://adrianharet.github.io>

ME



ADRIAN HARET

● Assistant Professor

● Chair in Philosophy and Decision Theory
MCMP, LMU Munich

● MCMP, LMU Munich
Ludwigstraße 31, Room 032
80539, München

● a.haret@lmu.de

● <https://adrianharet.github.io>

● Background in Philosophy, at University of Bucharest.

Switched to Computer Science, PhD in the logic of belief change at TU Wien.

Postdoc in Computational Social Choice at the University of Amsterdam.

ME



Write to me!

ET

sor

Chair in Philosophy and Decision Theory
MCMP, LMU Munich

MCMP, LMU Munich
Ludwigstraße 31, Room 032
80539, München

a.haret@lmu.de

<https://adrianharet.github.io>

Background in Philosophy, at University of Bucharest.

Switched to Computer Science, PhD in the logic of belief change at TU Wien.

Postdoc in Computational Social Choice at the University of Amsterdam.

ME



Write to me!
Or drop by
(I'm next door). **ET**
sor

Chair in Philosophy and Decision Theory
MCMP, LMU Munich

MCMP, LMU Munich
Ludwigstraße 31, Room 032
80539, München

a.haret@lmu.de

<https://adrianharet.github.io>

Background in Philosophy, at University of Bucharest.

Switched to Computer Science, PhD in the logic of belief change at TU Wien.

Postdoc in Computational Social Choice at the University of Amsterdam.

Your turn!