



Some things I do

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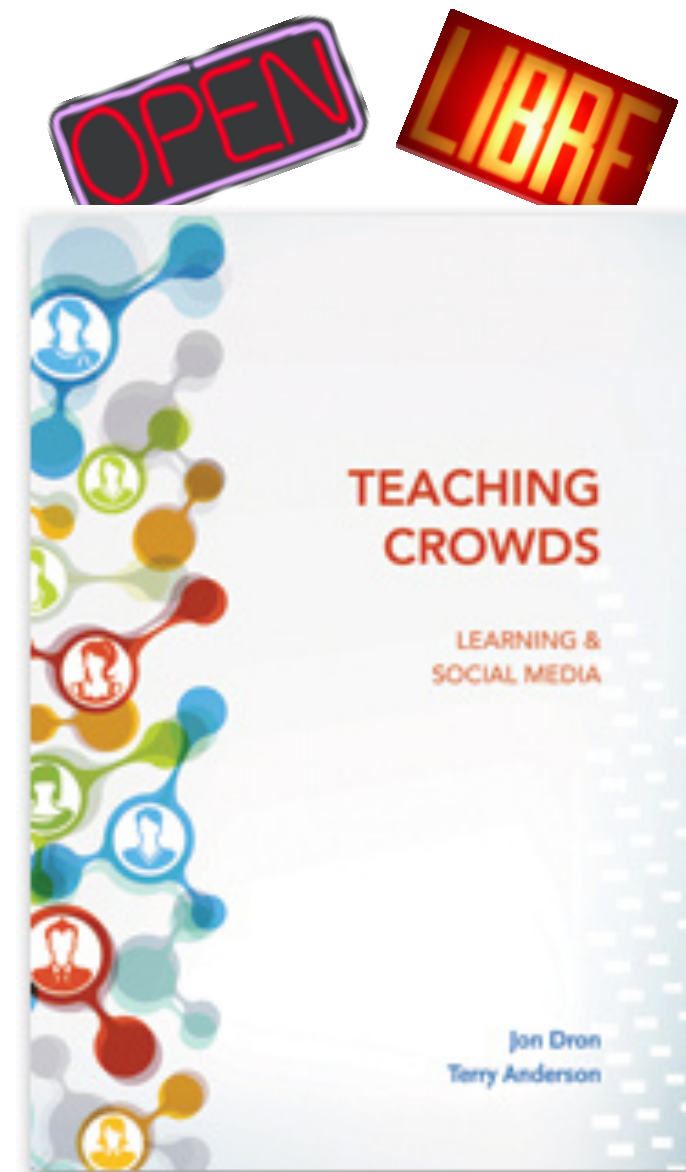
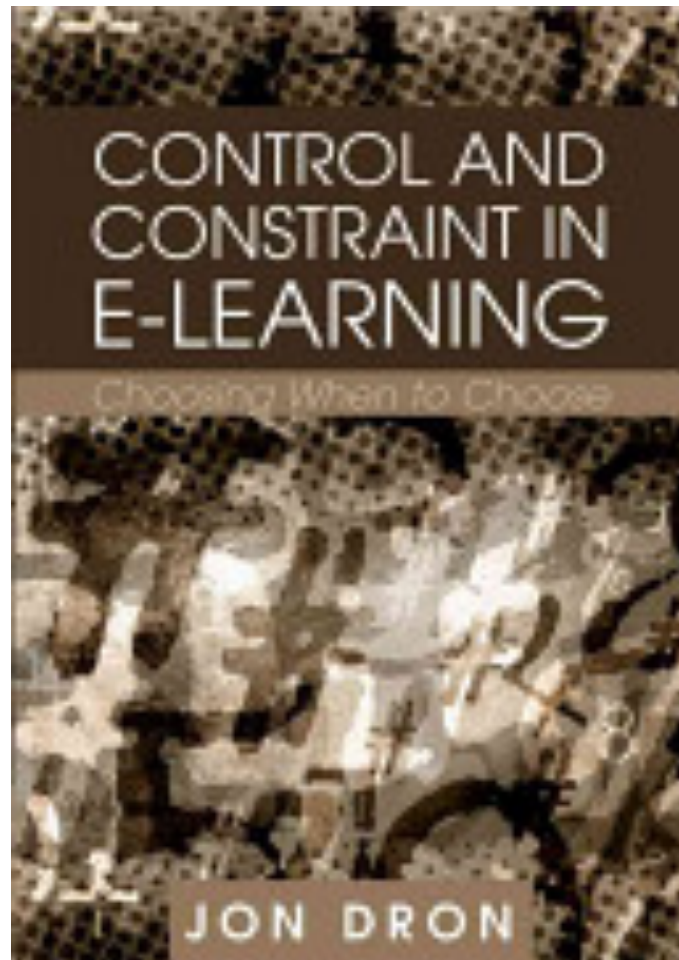


Technology Enhanced
Knowledge Research
Institute (TEKRI)



Athabasca University
FACULTY OF SCIENCE & TECHNOLOGY
School of Computing & Information Systems

I write books....



<http://teachingcrowds.ca>

PhD: Self-Organization in Network-based Learning Environments

Next book: How Education Works

Work in progress

How education works



Education: an owner's manual



- 'taint what you do it's the way that you do it
- soft and hard assemblies
- pedagogies as soft technologies
- the myth of self-direction
- the distributed teacher
- algorithms for learning
- machines for teaching
- designing cyborgs

I build things...



Athabasca Landing

<https://landing.athabascau.ca>

- 📄 Welcome to COMP 466
- 👤 Using Moodle
- 📖 COMP 466 Syllabus
- 🛠️ SCIS Virtual Helpdesk
- 📖 Student Manual

- 👤 COMP 466 General Conference
- 🗨️ News forum

- 📁 Tutor Marked Exercise 1
- 📁 Tutor Marked Exercise 2
- 📁 Tutor Marked Exercise 3
- 📁 Tutor Marked Exercise 4
- 👤 COMP 466 Course Coordinator

Week 1

- 👤 Familiarize yourself with the Study Guide.
- 👤 Complete Unit 1.

Week 2

- 👤 Complete Unit 2.

Week 3

- 👤 Complete and submit TME 1.

Week 4

- 👤 Start working on Unit 3.

Week 5

- 👤 Complete Unit 3.

a space between



social learning commons

social construction kit

I theorize and make models...

Wiki editors,
Alumni networks,
Communities of interest

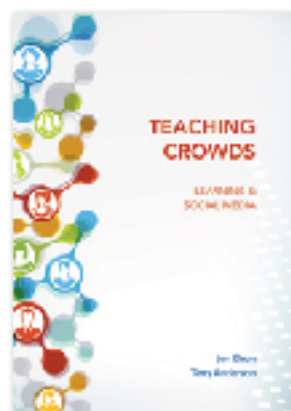
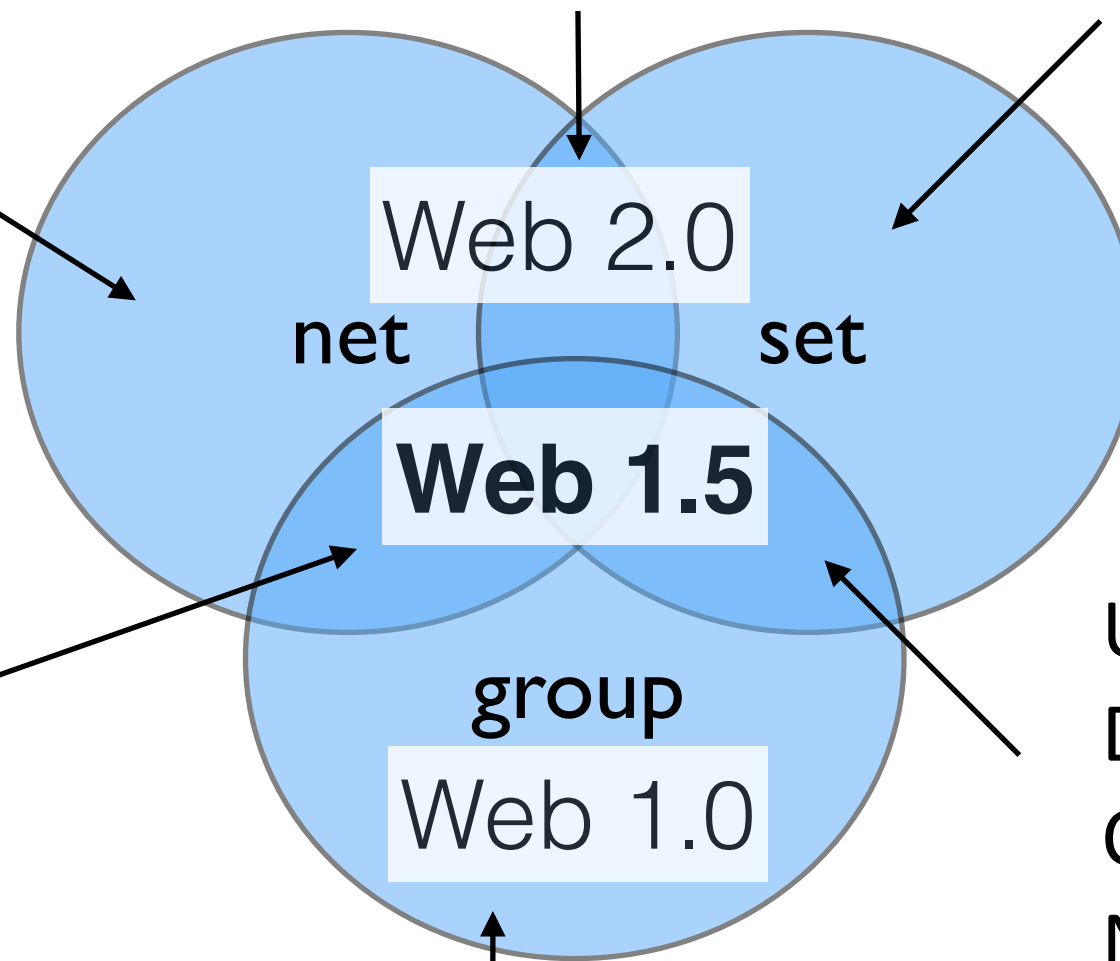
Subject areas,
Geographically
collocated people,
People with shared
characteristics,
abilities, etc

Social networks -
Friends, Work,
Community

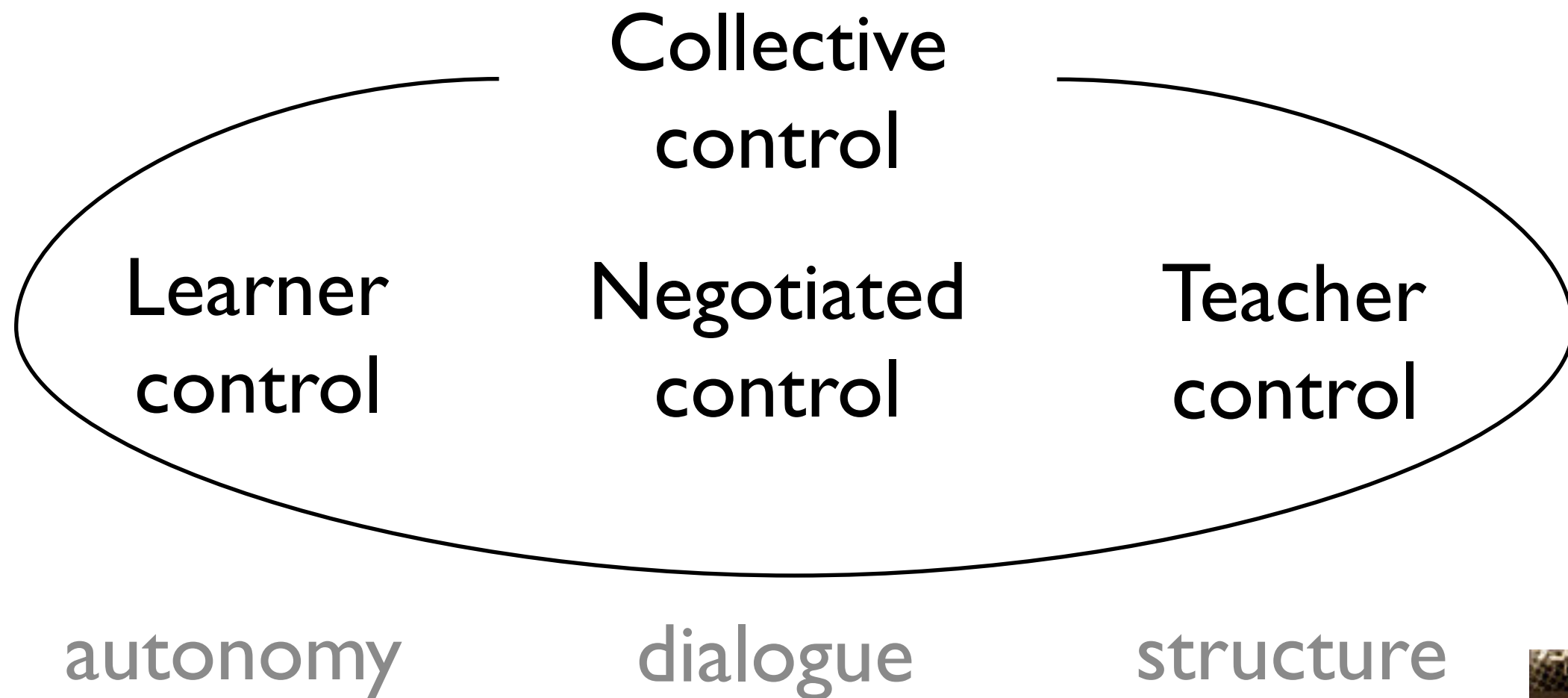
Ad-hoc learning
networks,
Clubs & societies,
Communities of
practice

Classes,
Tutorial groups,
Seminars,
Project teams

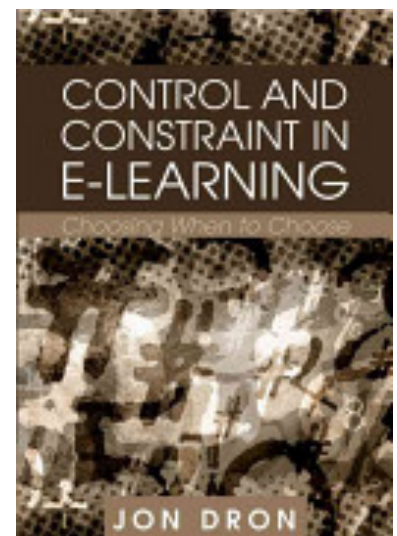
Universities,
Departments,
Companies,
Nations,
Tribes



Transactional control



Dron, J. (2007). Control and Constraint in E-Learning: Choosing When to Choose. Hershey, PA: Idea Group International.



precision
replicability
accuracy
speed
ease of use

hard is easy
soft is hard

resilience
flexibility
diversity
creativity
control

Generations of distance learning pedagogies

closed

1. Instructivist – *Self Paced, Individual Study, etc*

2. Social constructivist – *Groups, classes, etc*

3. Connectivist – *Networks, cMOOCs, etc*

4. Holist - *Sets and Collectives*

individual

group

net

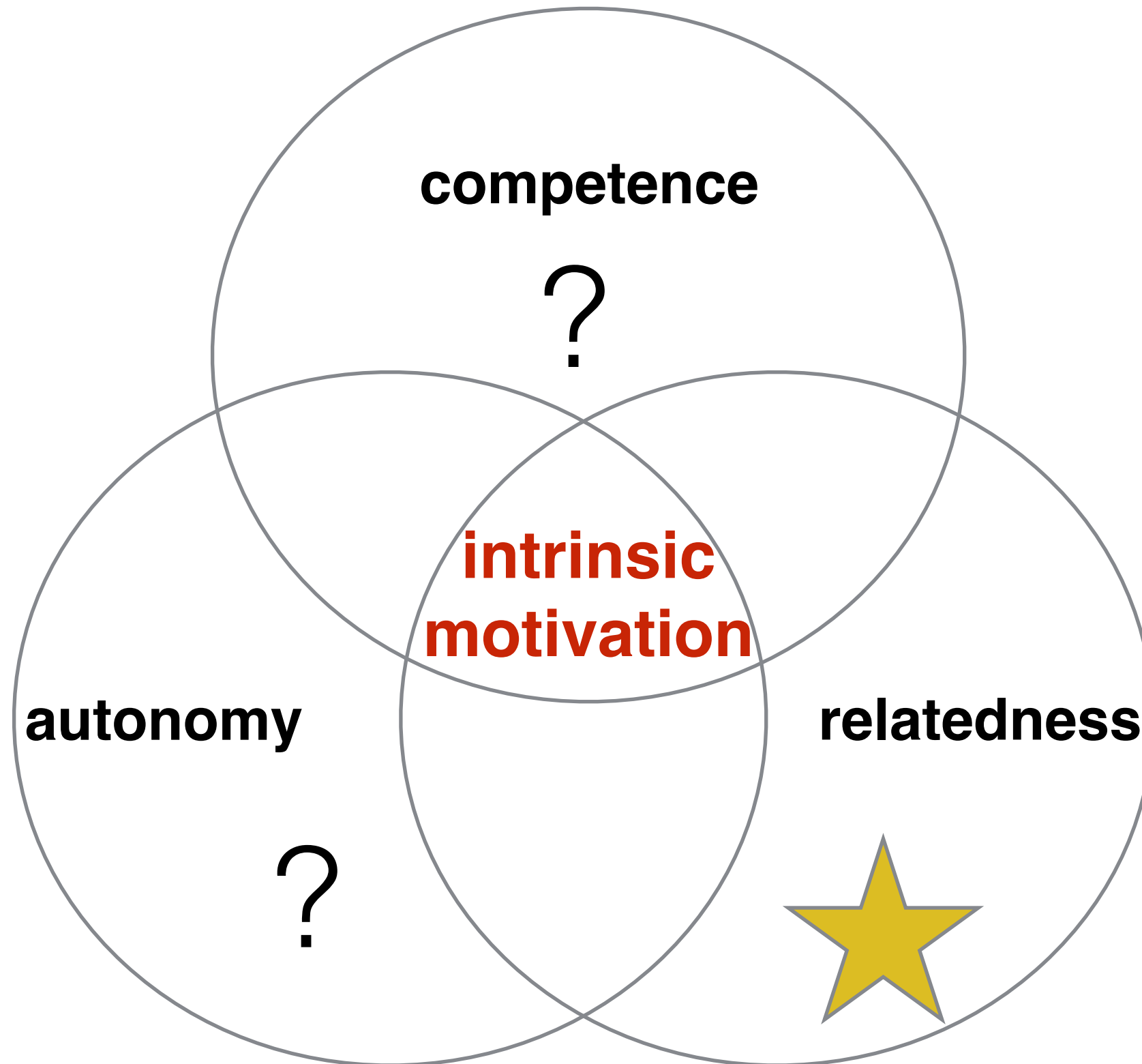
set

Hard

Soft

open

Classroom motivation



A few interests

Structure and behaviour

Learning environment design

Learning experience design

The nature of learning technology

History and future of distance learning

Open learning

Motivation

Bricolage vs engineering

Control

Pedagogies as technologies

'Self'-directed learning

How crowds can teach

connectivism (small 'c')

Educational ecosystems

Collective intelligence

Transactional distance

Social learning Stigmergy

Self-determination theory

Complexity theory

Distributed cognition

Social navigation



**we shape our dwellings and
afterwards our dwellings
shape our lives**

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