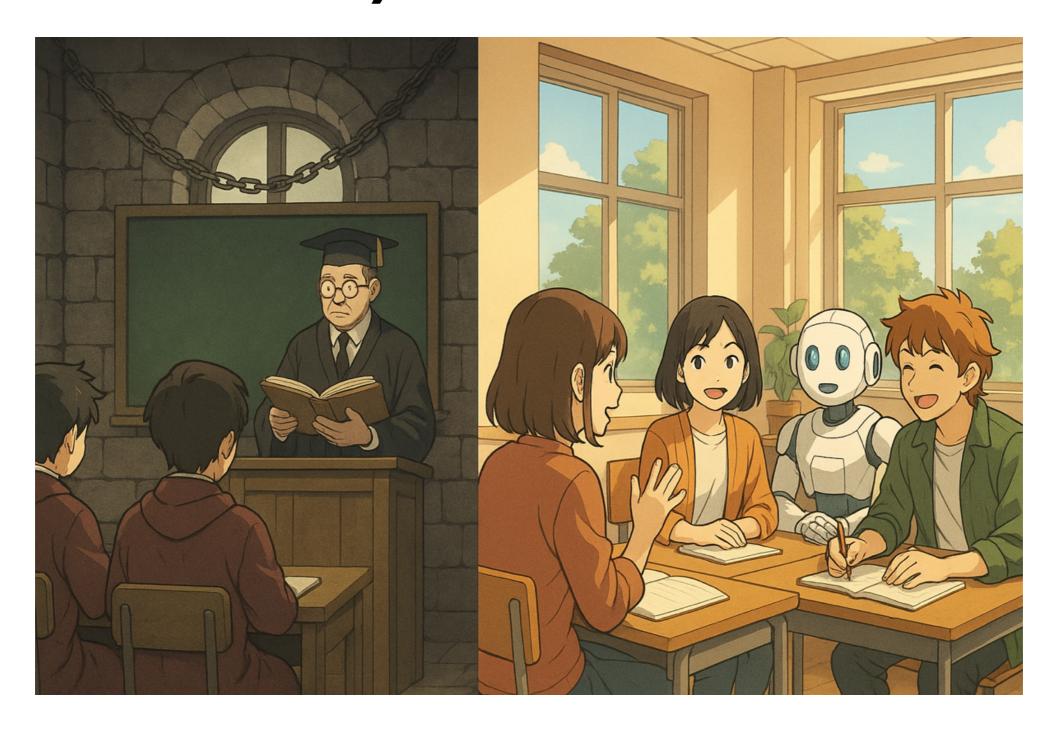
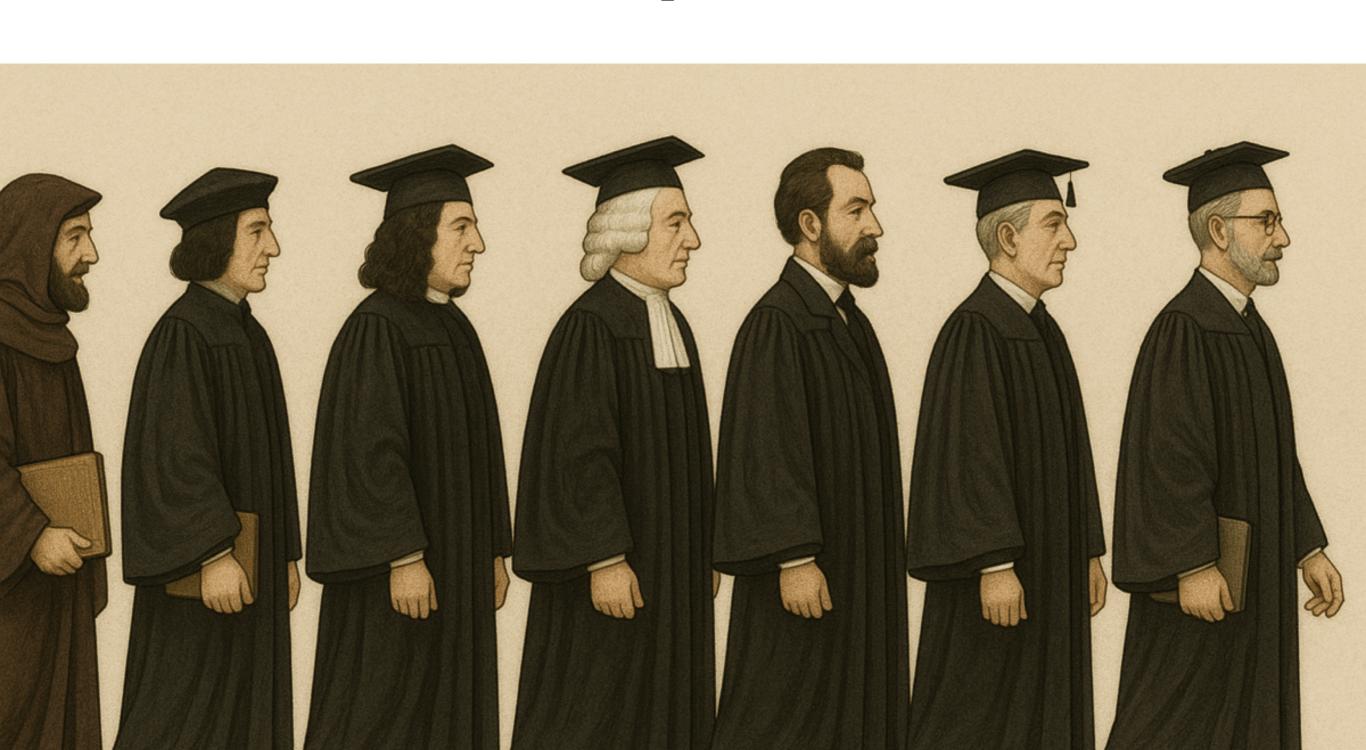




Can education (at least higher education) be transformed?

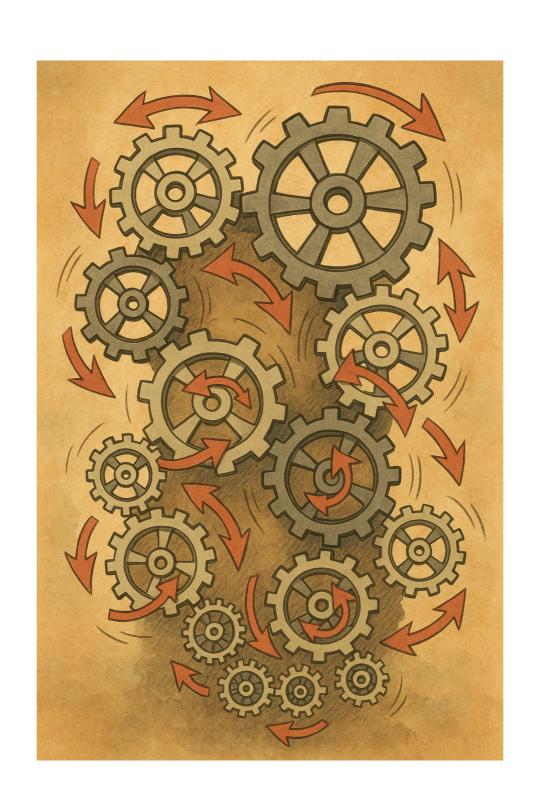


The evolution of the modern professor





Gears in opposition



Self-correcting



Three ways to transform subsystems set in opposition

- 1. Tight coupling
- 2. Decoupling
- 3. Change everything, everywhere, all at once

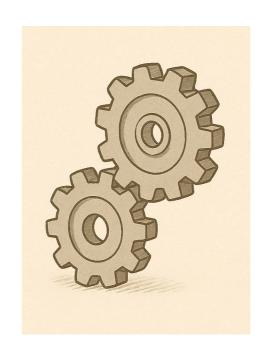


e.g. Assessment

constructive alignment negotiated learning outcomes

Tight coupling

evidence-based assessment

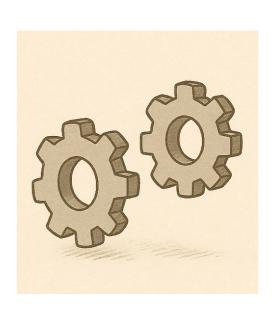


integrative assessments, ungraded courses

Decoupling

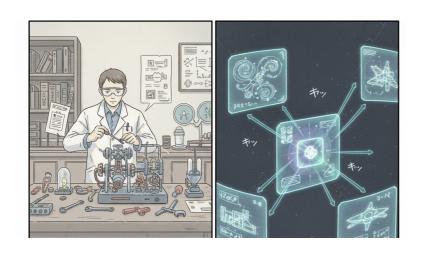
outcome harvesting

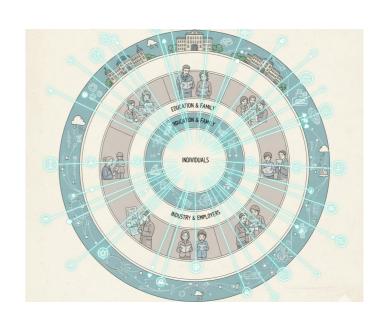
the "driving test" model



But everything is intertwingled

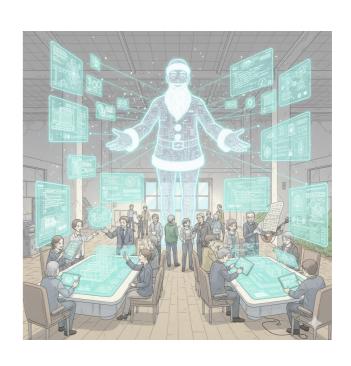


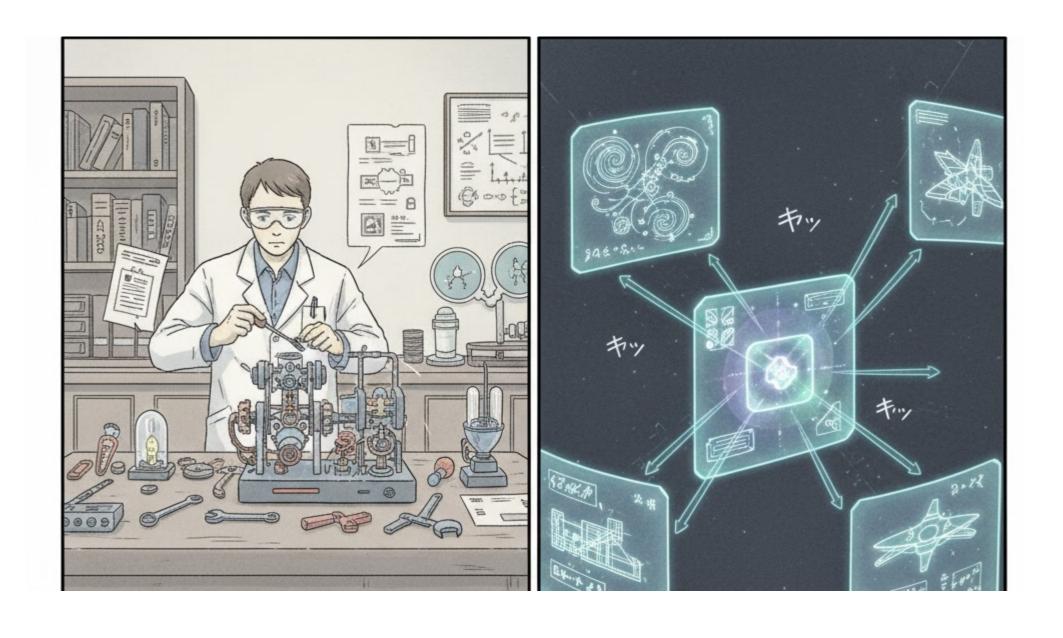




Four reasons it *might* be different this time



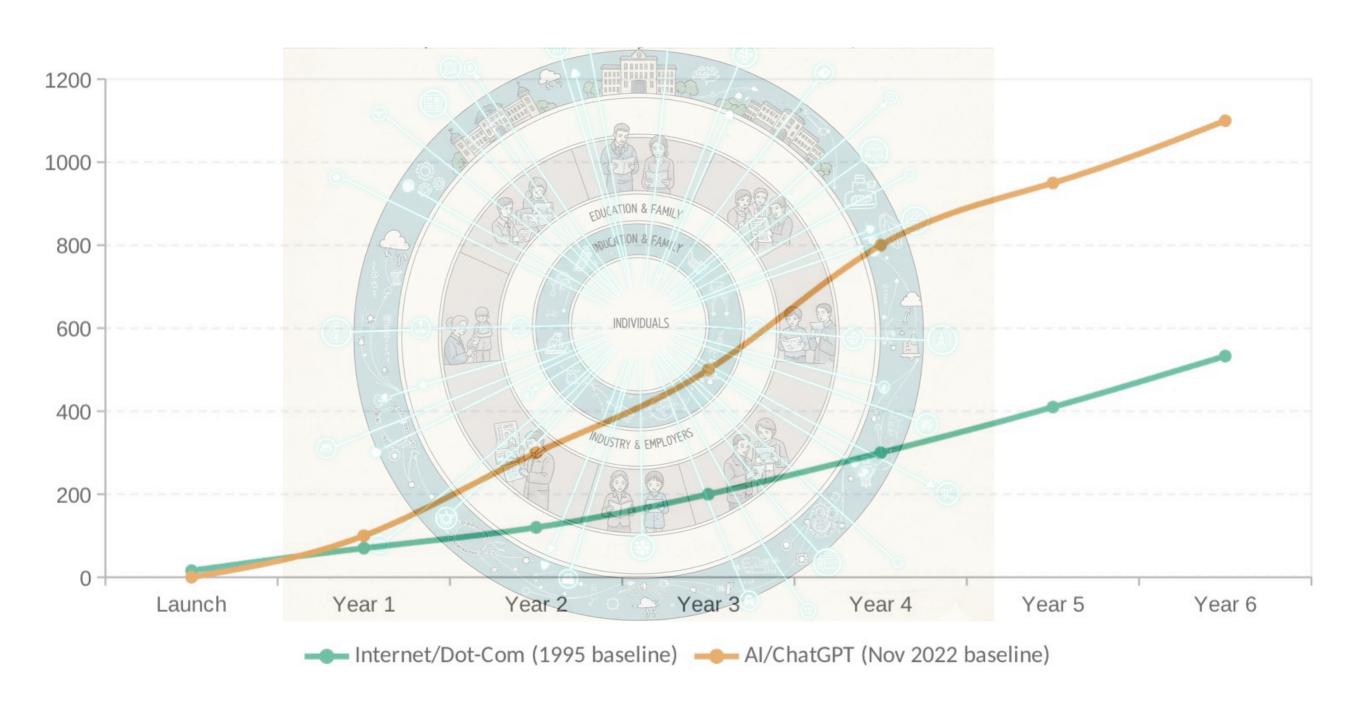




Santa Claus machines 🗐



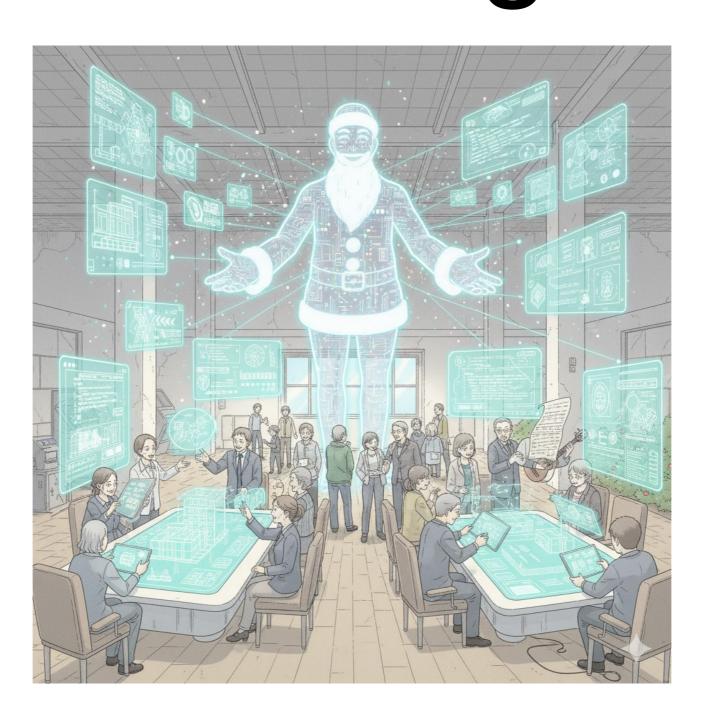
Everything, everywhere, all at once



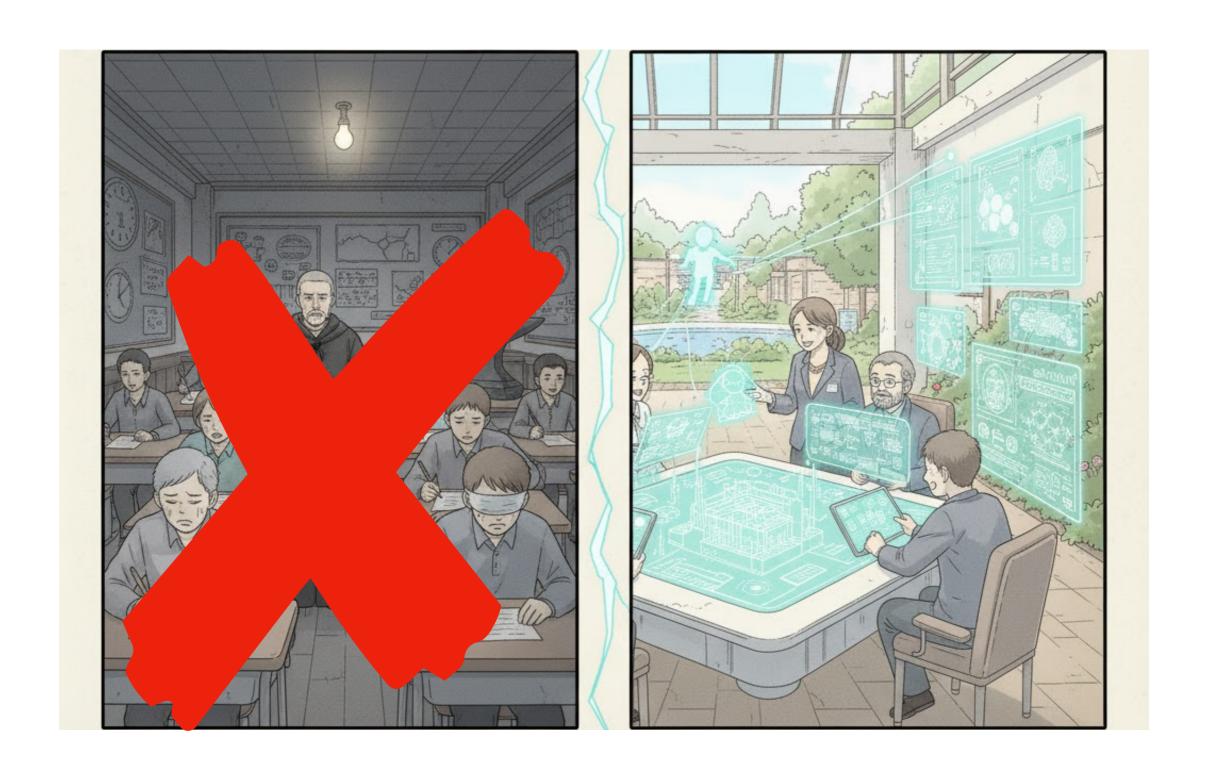
A tipping point?



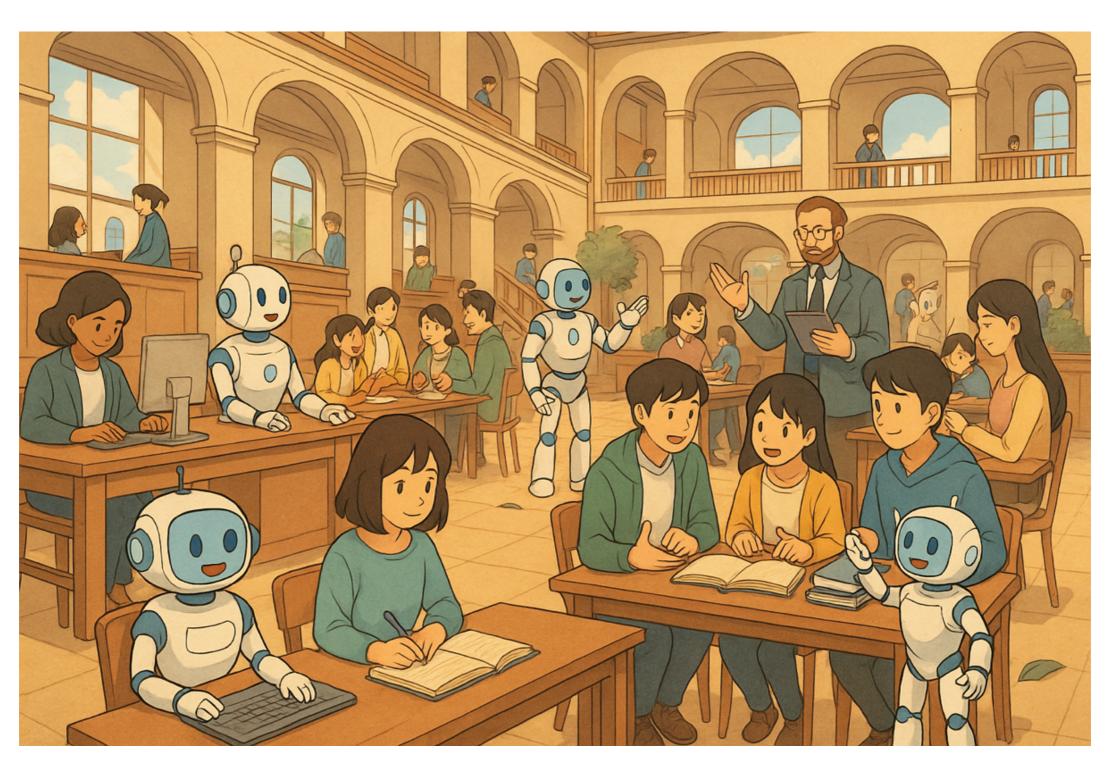
New skills, new ways of thinking



Generative Al: the promise

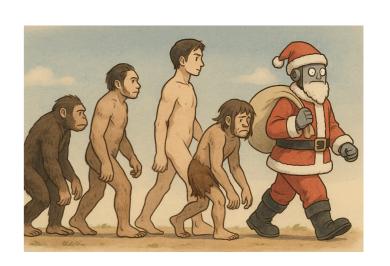


Generative AI: the promise

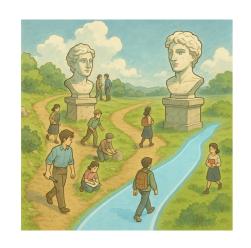




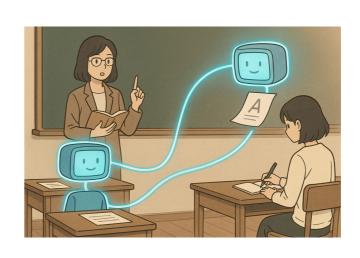
BUT



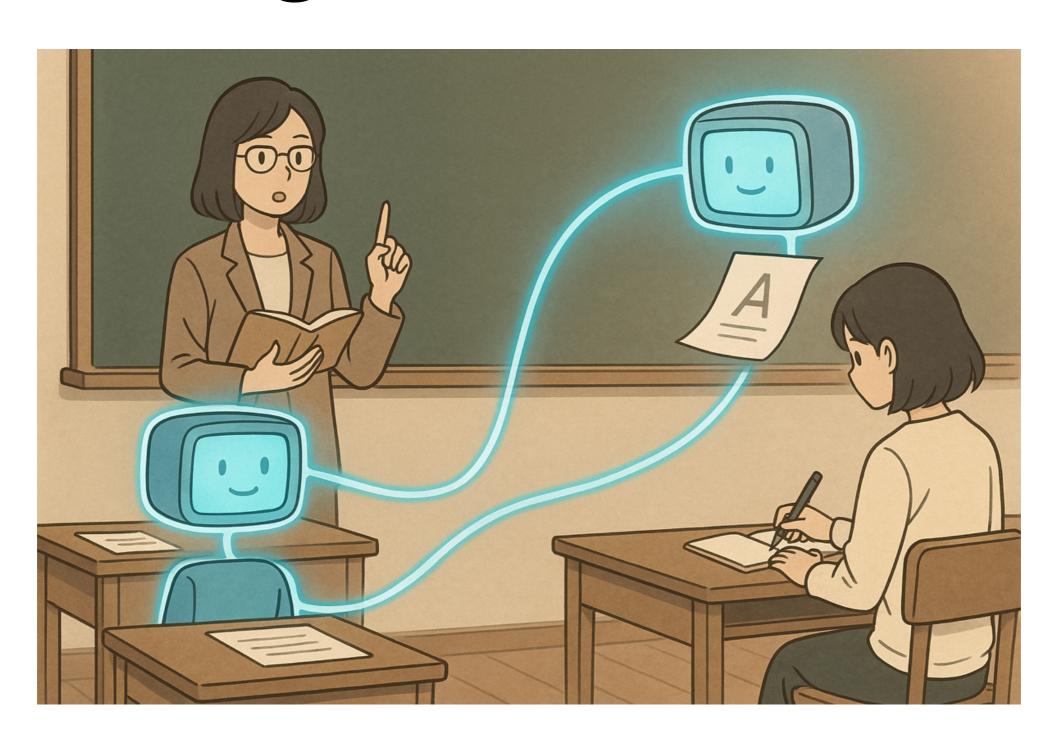
If we continue as we are...



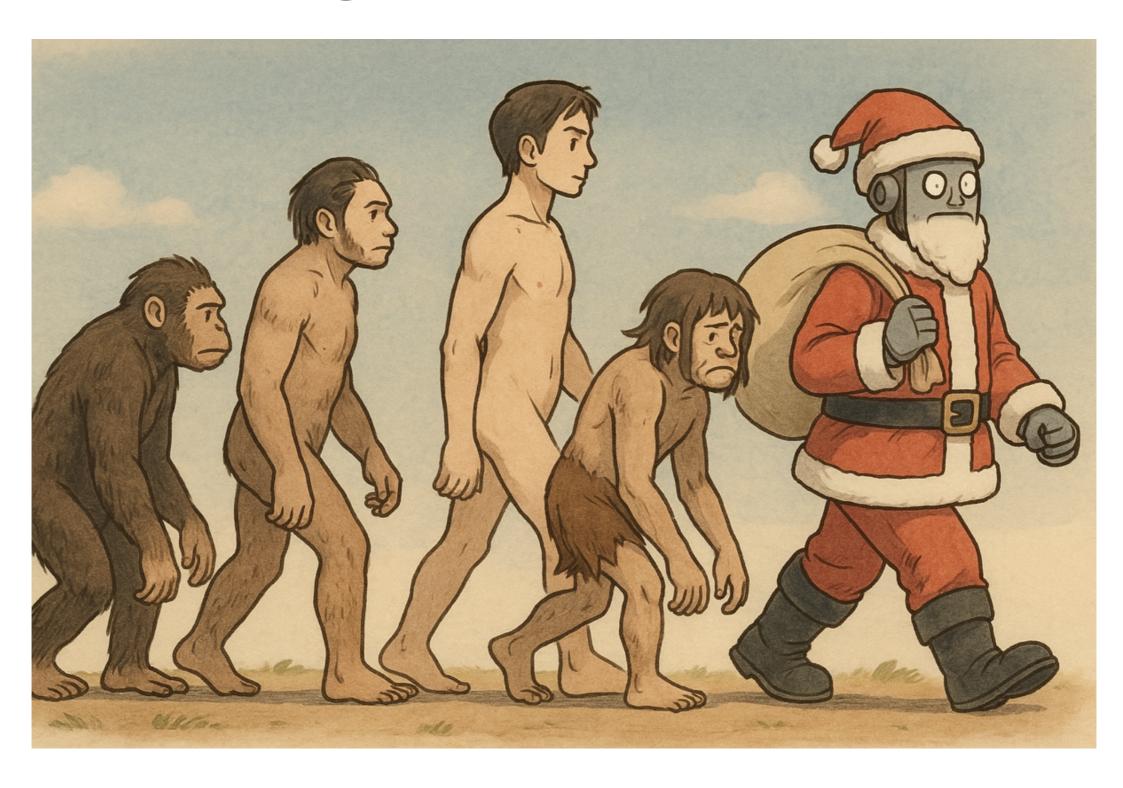


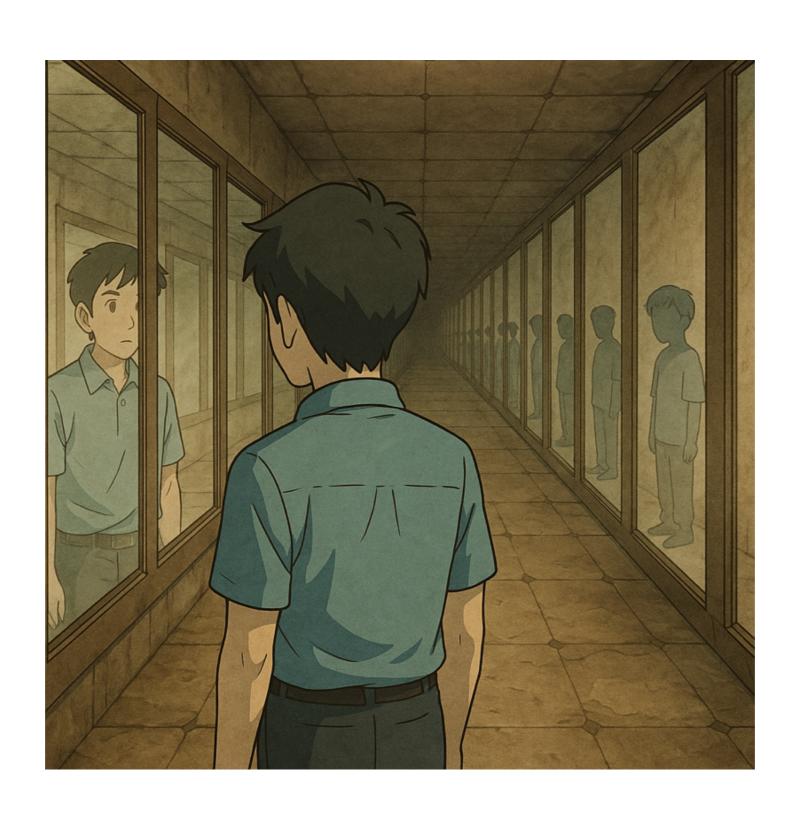












Understanding the nature of the beast



Not a tool Not (quite) an appliance Not (quite) a partner A metatool A Cognitive Santa Clause Machine

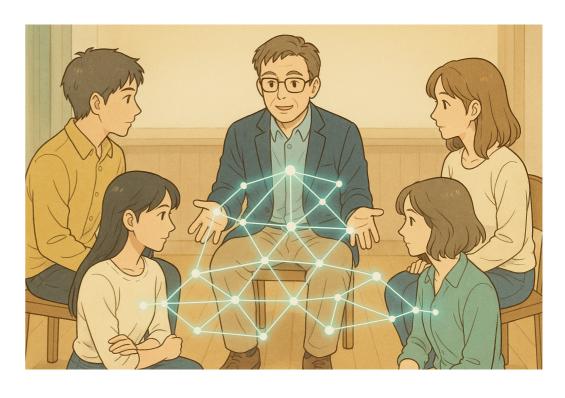
Degenerative roles

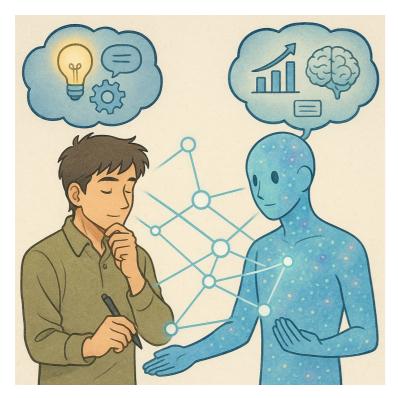


Regenerative roles

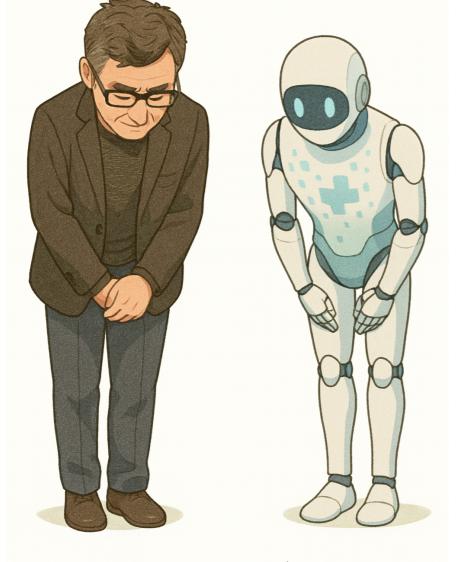
	Human Role (e.g.)	Al role (e.g.)
Relationships	Interacting, role modelling, expressing, reacting.	Nurturing human relationships, discussion catalyzing/summarizing
Values	Establishing values through actions, discussion, and policy.	Staying out of this as much as possible!
Information	Helping learners to see the personal relevance, meaning, and value of what they are learning. Caring.	Helping learners to acquire the information. Providing the information.
Feedback	Discussing and planning, making salient, challenging. Caring.	Analyzing objective strengths and weaknesses, helping with subgoals, offering support, explaining.
Credentialling	Responsibility, qualitative evaluation.	Tracking progress, identifying unprespecified outcomes, discussion with human teachers.
Organizing	Goal setting, reacting, responding.	Scheduling, adaptive delivery, supporting, reminding.
Ways of being	Modelling, responding, interacting, reflecting.	Staying out of this as much as possible!

Focus on the tacit, the relational, the social





Embrace collective cognition



ありがとうございました。

Thank you







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