Human Disemployment & ... The MiniMaxularity

Selmer Bringsjord

Rensselaer AI & Reasoning (RAIR) Lab
Department of Cognitive Science
Department of Computer Science
Lally School of Management & Technology
Rensselaer Polytechnic Institute (RPI)
Troy, New York 12180 USA

Intro to Logic-based Al 9/29/2025





Chapter 3: Human Disemployment & The MiniMaxularity

Introduction to Logic-Based Al by S Bringsjord et al.

Point #1:

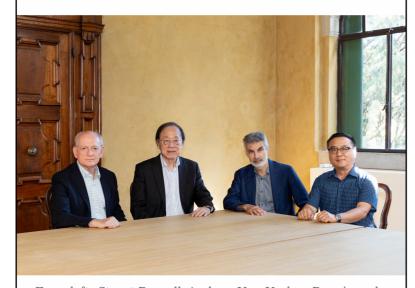
While there isn't consensus among those who will hire, reassign, move, and have the power to fire you, make sure you study the positions and — using the knowledge and skills you're acquiring — to assess the arguments of those in this group who claim most of you won't be needed.

Inaugural ILBAI (2024)

A.I. Pioneers Call for Protections Against 'Catastrophic Risks'

Scientists from the United States, China and other nations called for an international authority to oversee artificial intelligence.

Listen to this article ⋅ 6:27 min Learn more



From left: Stuart Russell, Andrew Yao, Yoshua Bengio and Ya-Qin Zhang are among the influential A.I. scientists who called for international collaboration to prevent serious risks posed by the technology. Massimo Pistore



By Meaghan Tobin
Reporting from Venice

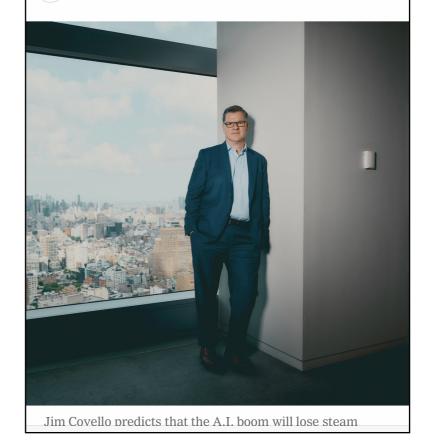
~ "Human intelligence will be exceeded; the consequences could well be catastrophic, extending well beyond loss of jobs."

Will A.I. Be a Bust? A Wall Street Skeptic Rings the Alarm.

Jim Covello, Goldman Sachs's head of stock research, warned that building too much of what the world doesn't need "typically ends badly."



Listen to this article · 8:05 min Learn more



~ "GenAl is fraught with errors and generally what humans do is beyond their reach; our jobs are safe."

MANAGEMENT & CAREERS

Walmart CEO Issues Wake-Up Call: 'AI Is Going to Change Literally Every Job'

Head count expected to stay flat over next three years, despite growth plans, as AI eliminates or transforms roles



Walmart CEO Doug McMillon PHOTO: GETTY IMAGES

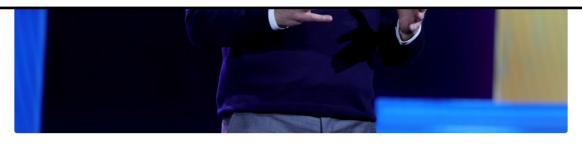
By Sarah Nassauer and Chip Cutter

MANAGEMENT & CAREERS

Walmart CEO Issues Wake-Up

Key Points

- Walmart CEO Doug McMillon states AI will change nearly every job, leading to job elimination and creation within the company.
- Walmart plans to maintain its global workforce of 2.1 million over three years, but the composition of jobs will shift significantly.
- The company is developing AI tools, such as chatbots, and creating 'agent builder' roles, while automating more warehouse and back-of-store tasks.



Walmart CEO Doug McMillon PHOTO: GETTY IMAGES

By Sarah Nassauer and Chip Cutter

MANAGEMENT & CAREERS

Walmart CEO Issues Wake-Up

Take humanoid robot workers. Companies have recently pitched robot workers to Walmart,
McMillon said on stage. Yet "until we're serving humanoid robots and they have the ability to spend money, we're serving people," he said. "We are going to put people in front of people."

more warehouse and back-of-store tasks.



Walmart CEO Doug McMillon PHOTO: GETTY IMAGES

By Sarah Nassauer and Chip Cutter

MANAGEMENT & CAREERS

Walmart CEO Issues Wake-Up

The drumbeat of warnings about AI-related job cuts has increased in recent months. Accenture

that the firm is "exiting" employees who can't be retrained for the AI age. Meanwhile, it will continue to hire people who are generative AI-fluent and retrain existing workers to serve clients in consulting and other divisions. "Artificial intelligence is going to replace literally half of all white-collar workers in the U.S.," Ford Motor

F +3.36% ▲ Chief Executive Jim Farley said this summer.

By Sarah Nassauer and Chip Cutter

Danger I

Danger 2

e.g.

Danger I

Danger 2

Danger I

Danger 2

Danger I

No Precision-and-Accuracy — but triumphant claims to the contrary (= Death of Rigor).

Danger 2

Danger I

No Precision-and-Accuracy — but triumphant claims to the contrary (= Death of Rigor).

Danger 2 Human Disemployment

Danger I

No Precision-and-Accuracy — but triumphant claims to the contrary (= Death of Rigor).

Danger 2 Human Disemployment

Danger 3 The PAID Problem

Danger I

No Precision-and-Accuracy — but triumphant claims to the contrary (= Death of Rigor).

Sparks of Artificial General Intelligence:

Early experiments with GPT-4

Sibustin Belock. Varua Clandrawdeana Rome Edan Johanno Gehrle
Eir Hervitz Ees Kunner Peter Lev Yn Ta Lev Yuanchi Li Soott Landberg
Hardin New Hamil Polangh Marco Tible Daken Yi Zhang
Microsoft Research

Microsoft Research

Artificial undigges (A) research or good of the property of the prope

Danger 2 Human Disemployment

Danger 3 The PAID Problem

What are the Deed Dangers

Sparks of Artificial General Intelligence: Early experiments with GPT-4

Sébastien Bubeck Varun Chandrasekaran Ronen Eldan Johannes Gehrke Eric Horvitz Ece Kamar Peter Lee Yin Tat Lee Yuanzhi Li Scott Lundberg Harsha Nori Hamid Palangi Marco Tulio Ribeiro Yi Zhang

Microsoft Research

Abstract

Artificial intelligence (AI) researchers have been developing and refining large language models (LLMs) that exhibit remarkable capabilities across a variety of domains and tasks, challenging our understanding of learning and cognition. The latest model developed by OpenAI, GPT-4 Ope23, was trained using an unprecedented scale of compute and data. In this paper, we report on our investigation of an early version of GPT-4, when it was still in active development by OpenAI. We contend that (this early version of) GPT-4 is part of a new cohort of LLMs (along with ChatGPT and Google's PaLM for example) that exhibit more general intelligence than previous AI models. We discuss the rising capabilities and implications of these models. We demonstrate that, beyond its mastery of language, GPT-4 can solve novel and difficult tasks that span mathematics, coding, vision, medicine, law, psychology and more, without needing any special prompting. Moreover, in all of these tasks, GPT-4's performance is strikingly close to human-level performance, and often vastly surpasses prior models such as ChatGPT. Given the breadth and depth of GPT-4's capabilities, we believe that it could reasonably be viewed as an early (yet still incomplete) version of an artificial general intelligence (AGI) system. In our exploration of GPT-4, we put special emphasis on discovering its limitations, and we discuss the challenges ahead for advancing towards deeper and more comprehensive versions of AGI, including the possible need for pursuing a new paradigm that moves beyond next-word prediction. We conclude with reflections on societal influences of the recent technological leap and future research directions.

Contents

1	Introduction 1.1 Our approach to studying GPT-4's intelligence		
2	Multimodal and interdisciplinary composition		
	2.1 Integrative ability	13	
	2.2 Vision	16	
	2.2.1 Image generation beyond memorization	16	
	2.2.2 Image generation following detailed instructions (à la Dall-E)	17	
	2.2.3 Possible application in sketch generation	18	
	2.3 Music	19	
3	Coding		
	3.1 From instructions to code	21	
	3.1.1 Coding challenges		
	3.1.2 Real world scenarios	22	
	3.9 Understanding existing code	26	

Danger

Danger 2

What are the Deep of Generative

Danger I

No Precision-and-Accubut triumphant claims contrary (= Death of F

Danger 2 Human Disemploymen

Danger 3 The PAID Problem

Sparks of Artificial General Intellige Early experiments with GPT-4

Sébastien Bubeck Varun Chandrasekaran Ronen Eldan Eric Horvitz Ece Kamar Peter Lee Yin Tat Lee Yuanzhi Harsha Nori Hamid Palangi Marco Tulio Ribeiro

Microsoft Research

Abstract

Artificial intelligence (AI) researchers have been developing and refining large la that exhibit remarkable capabilities across a variety of domains and tasks, challen of learning and cognition. The latest model developed by OpenAI, GPT-4 Ope23 unprecedented scale of compute and data. In this paper, we report on our investigaof GPT-4, when it was still in active development by OpenAI. We contend that (this 4 is part of a new cohort of LLMs (along with ChatGPT and Google's PaLM fo more general intelligence than previous AI models. We discuss the rising capabili these models. We demonstrate that, beyond its mastery of language, GPT-4 can tasks that span mathematics, coding, vision, medicine, law, psychology and mor special prompting. Moreover, in all of these tasks, GPT-4's performance is striking performance, and often vastly surpasses prior models such as ChatGPT. Given the GPT-4's capabilities, we believe that it could reasonably be viewed as an early (yet of an artificial general intelligence (AGI) system. In our exploration of GPT-4, v on discovering its limitations, and we discuss the challenges ahead for advancing to comprehensive versions of AGI, including the possible need for pursuing a new parac next-word prediction. We conclude with reflections on societal influences of the recer future research directions.

Contents

1	Introduction			
	1.1	Our approach to studying GPT-4's intelligence		
	1.2	Organization of our demonstration		
2	Mul	ltimodal and interdisciplinary composition		
	2.1	Integrative ability		
	2.2	Vision		
		2.2.1 Image generation beyond memorization		
		2.2.2 Image generation following detailed instructions (à la Dall-E)		
		2.2.3 Possible application in sketch generation		
	2.3	Music		
3	Cod	ling		
	3.1	From instructions to code		
		3.1.1 Coding challenges		
		3.1.2 Real world scenarios		
	3.2	Understanding existing code		

1

√ Danger I

No Precision-and-Accuracy — but triumphant claims to the contrary (= Death of Rigor).

Sparks of Artificial General Intelligence:
Early experiments with GPT-4

Sibustine Based. Verm Charlesteware. Renne Edst. Johanne Orbebe
Exte Bervitz. Eo Kamas. Poter Lee V year. The Lee V handle List Soot Landberg
Harab Norl. Hand Plaged. More Thio Risberg. Yi Zhang.

Microb Blancore.

Microb Blancore.

Microb Blancore.

Autificial incelligence (Al) researchers have been developing and relining long-images models (LIM) the childs remarked conditions some a strate, declaring to understanding supercolonate and of comparison and state. In this page, we report on one huntingsion of an only written and the child conditions some a strate from a total children of the child remarked conditions some a strate from the child conditions and a state of the child conditions are a strate of comparison of the children of the condition of the children of the children of the condition of the children of the condition of the conditio

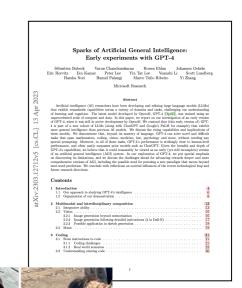
- Danger 2 Human Disemployment
- **Danger 3** The PAID Problem

√ Danger I

No Precision-and-Accuracy — but triumphant claims to the contrary (= Death of Rigor).

Danger 2 Human Disemployment

Danger 3 The PAID Problem



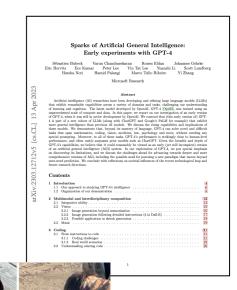
an Age of Killer Robot

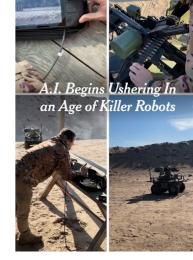
√ Danger I

No Precision-and-Accuracy — but triumphant claims to the contrary (= Death of Rigor).

Danger 2 Human Disemployment

Danger 3 The PAID Problem









Paul Mozur and Adam Satariano

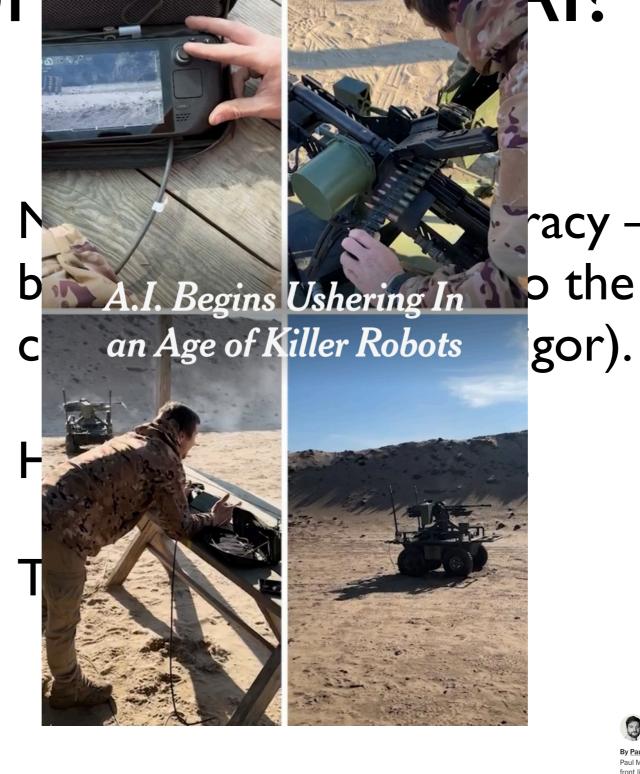
Paul Mozur reported from Kyiv, Lviv, Kramatorsk and near the front lines in the Donbas region, all in Ukraine. Adam Satariano reported from London.

What are the Door Dangers

√ Danger I

Danger 2

Danger 3







Paul Mozur reported from Kviv, Lviv, Kramatorsk and near the front lines in the Donbas region, all in Ukraine. Adam

√ Danger I

No Precision-and-Accuracy — but triumphant claims to the contrary (= Death of Rigor).

Danger 2 Human Disemployment

Danger 3 The PAID Problem







By Paul Mozur and Adam Satariano

Paul Mozur reported from Kyiv, Lviv, Kramatorsk and near the front lines in the Donbas region, all in Ukraine. Adam Satariano reported from London.

an Age of Killer Robots

Danger 2: Human Disemployment

Danger I: Death of Rigor

Danger 3: The PAID Problem

Danger 2: Human Disemployment

Danger I: Death of Rigor

Danger 3: The PAID Problem

Danger 2: Human Disemployment

Danger I: Death of Rigor

Danger 3: The PAID Problem

Academia's The Four Steps+ Applied by Govt to Govt:AI:Defense&Intelligence

Danger 2: Human Disemployment

Danger I: Death of Rigor

Danger 3: The PAID Problem

Academia's The Four Steps+ Applied by Govt to Govt:AI:Defense&Intelligence

Danger 2: Human Disemployment

Danger I: Death of Rigor

Danger 3: The PAID Problem

Academia's The Four Steps+ Applied by Industry to Industry: Al: Defense&Intelligence

Academia's The Four Steps+ Applied by Govt to Govt:AI:Defense&Intelligence

Danger 2: Human Disemployment

Danger I: Death of Rigor

Danger 3: The PAID Problem

Academia's The Four Steps+ Applied by Industry to Industry: Al: Defense&Intelligence

Academia's The Four Steps+ Applied by Govt to Govt:AI:Defense&Intelligence

Danger 2: Human Disemployment

Danger I: Death of Rigor

Danger 3: The PAID Problem

Academia's The Four Steps+ Applied by Industry to Industry: Al

Academia's The Four Steps+ Applied by Industry to Industry: Al: Defense & Intelligence

Academia's The Four Steps+ Applied by Govt to Govt:AI:Defense&Intelligence

Danger 2: Human Disemployment

Danger I: Death of Rigor

Danger 3: The PAID Problem.

Academia's The Four Steps+ Applied by Industry to Industry:Al

Academia's The Four Steps+ Applied by Industry to Industry: Al: Defense&Intelligence

Academia's The Four Steps+ Applied by Govt to Govt:AI:Defense&Intelligence

Danger 2: Human Disemployment

Danger I: Death of Rigor

Academia's The Four Steps+ Applied by Industry to Industry:Al

Academia's The Four Steps+ Applied by Industry to Industry: Al: Defense&Intelligence

Academia's The Four Steps+ Applied by Govt to Govt:AI:Defense&Intelligence

Danger 2: Human Disemployment

Danger I: Death of Rigor

Academia's The Four Steps+ Applied by Industry to Industry:Al

Academia's The Four Steps+ Applied by Industry to Industry: Al: Defense & Intelligence

Academia's The Four Steps+ Applied by Govt to Govt:Al:Defense&Intelligence

Danger 2: Human Disemployment

Danger I: Death of Rigor

Logicist AI From Academia, Married to GenAI for Hybridization, Applied by Industry to Industry: AI

Academia's The Four Steps+ Applied by Industry to Industry: Al

Academia's The Four Steps+ Applied by Industry to Industry: Al: Defense&Intelligence

Academia's The Four Steps+ Applied by Govt to Govt:Al:Defense&Intelligence

Danger 2: Human Disemployment



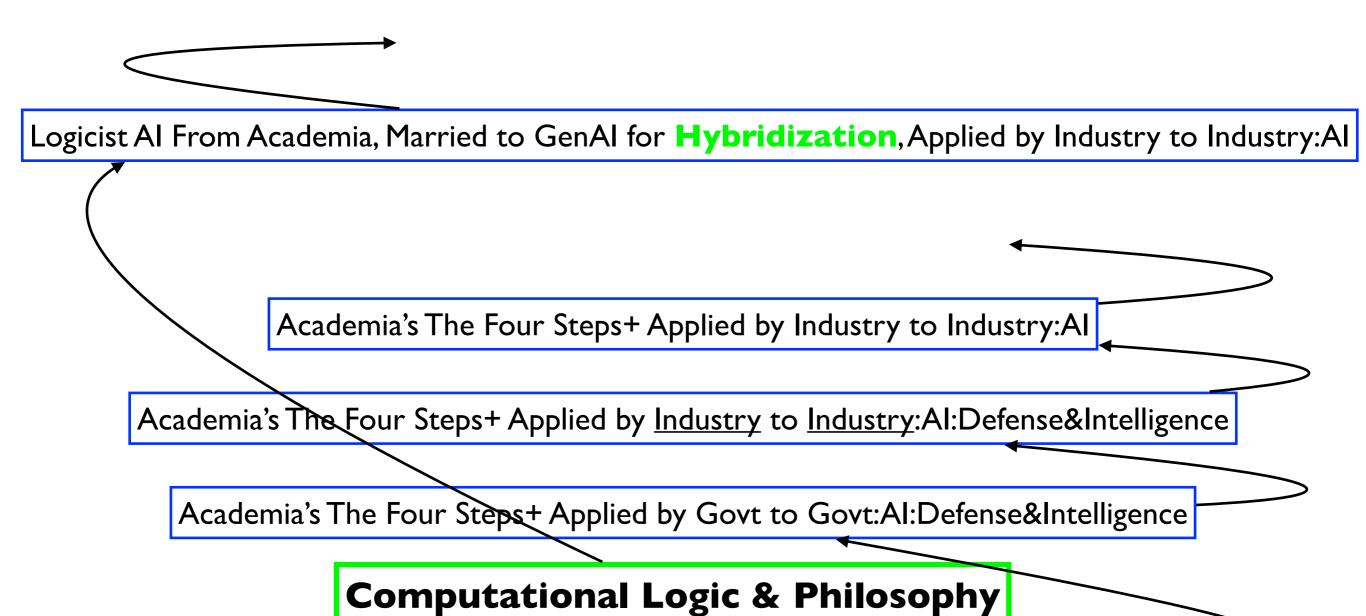
Logicist AI From Academia, Married to GenAI for Hybridization, Applied by Industry to Industry: AI

Academia's The Four Steps + Applied by Industry to Industry: Al

Academia's The Four Steps+ Applied by Industry to Industry: AI: Defense&Intelligence

Academia's The Four Steps+ Applied by Govt to Govt:Al:Defense&Intelligence

Danger 2: Human Disemployment



Who else has seriously thought about the Al-Dis/employment question (or at least aspects thereof)?

Kelso & Adler

- Kelso & Adler
- Herbert Simon

- Kelso & Adler
- Herbert Simon
- Jim Albus

- Kelso & Adler
- Herbert Simon
- Jim Albus
- Leontief & Duchin (automation)

- Kelso & Adler
- Herbert Simon
- Jim Albus
- Leontief & Duchin (automation)
- Nils Nilsson

- Kelso & Adler
- Herbert Simon
- Jim Albus
- Leontief & Duchin (automation)
- Nils Nilsson
- James Miller

- Kelso & Adler
- Herbert Simon
- Jim Albus
- Leontief & Duchin (automation)
- Nils Nilsson
- James Miller
- Brynjolfsson & McAfee

- Kelso & Adler
- Herbert Simon
- Jim Albus
- Leontief & Duchin (automation)
- Nils Nilsson
- James Miller
- Brynjolfsson & McAfee
- Bill Gates ("Tax the robots!" Really.)

- Kelso & Adler
- Herbert Simon
- Jim Albus
- Leontief & Duchin (automation)
- Nils Nilsson
- James Miller
- Brynjolfsson & McAfee
- Bill Gates ("Tax the robots!" Really.)
- A Bringsjord et al.

- Kelso & Adler
- Herbert Simon
- Jim Albus
- Leontief & Duchin (automation)

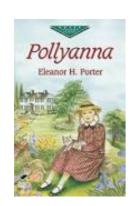


- Nils Nilsson
- James Miller
- Brynjolfsson & McAfee
- Bill Gates ("Tax the robots!" Really.)
- A Bringsjord et al.

- Kelso & Adler
- Herbert Simon
 - Jim Albus
 - Leontief & Duchin (automation)



- Nils Nilsson
- James Miller
- Brynjolfsson & McAfee
- Bill Gates ("Tax the robots!" Really.)
- A Bringsjord et al.



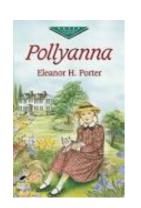
Kelso & Adler



- Jim Albus
- Leontief & Duchin (automation)



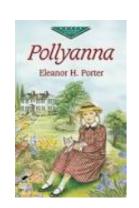
- Nils Nilsson
- James Miller
- Brynjolfsson & McAfee
- Bill Gates ("Tax the robots!" Really.)
- A Bringsjord et al.



- Kelso & Adler
- Herbert Simon
 - Jim Albus
 - Leontief & Duchin (automation)



- Nils Nilsson
- James Miller
- Brynjolfsson & McAfee
- Bill Gates ("Tax the robots!" Really.)
- A Bringsjord et al.



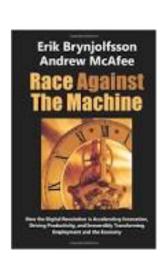
Kelso & Adler

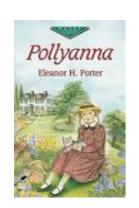


- Jim Albus
- Leontief & Duchin (automation)



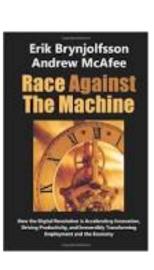
- Nils Nilsson
- James Miller
- Brynjolfsson & McAfee
- Bill Gates ("Tax the robots!" Really.)
- A Bringsjord et al.

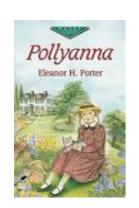




- Kelso & Adler
- Herbert Simon
 - Jim Albus
 - Leontief & Duchin (automation)
- TO VICE TO SERVICE OF THE SERVICE OF

- Nils Nilsson
- James Miller
- Brynjolfsson & McAfee
- Bill Gates ("Tax the robots!" Really.)
- A Bringsjord et al.



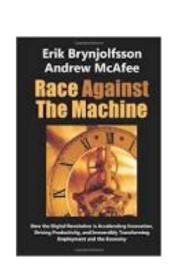


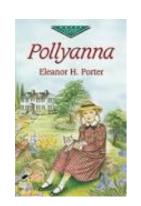
Kelso & Adler



- Jim Albus
- Leontief & Duchin (automation)
- Nils Nilsson
- James Miller
- Brynjolfsson & McAfee
- Bill Gates ("Tax the robots!" Really.)
- A Bringsjord et al.







Kelso & Adler



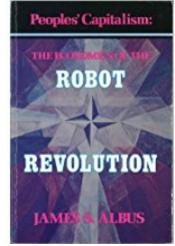


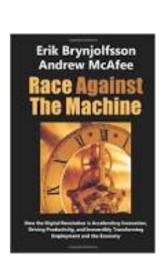




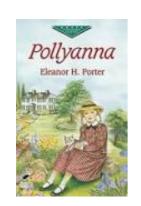
- Nils Nilsson
- James Miller
- Brynjolfsson & McAfee
- Bill Gates ("Tax the robots!" Really.)











Kelso & Adler

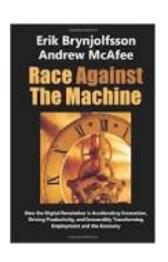


Jim Albus



- Leontief & Duchin (automation)
- Nils Nilsson
- James Miller
- Brynjolfsson & McAfee
- Bill Gates ("Tax the robots!" Really.)





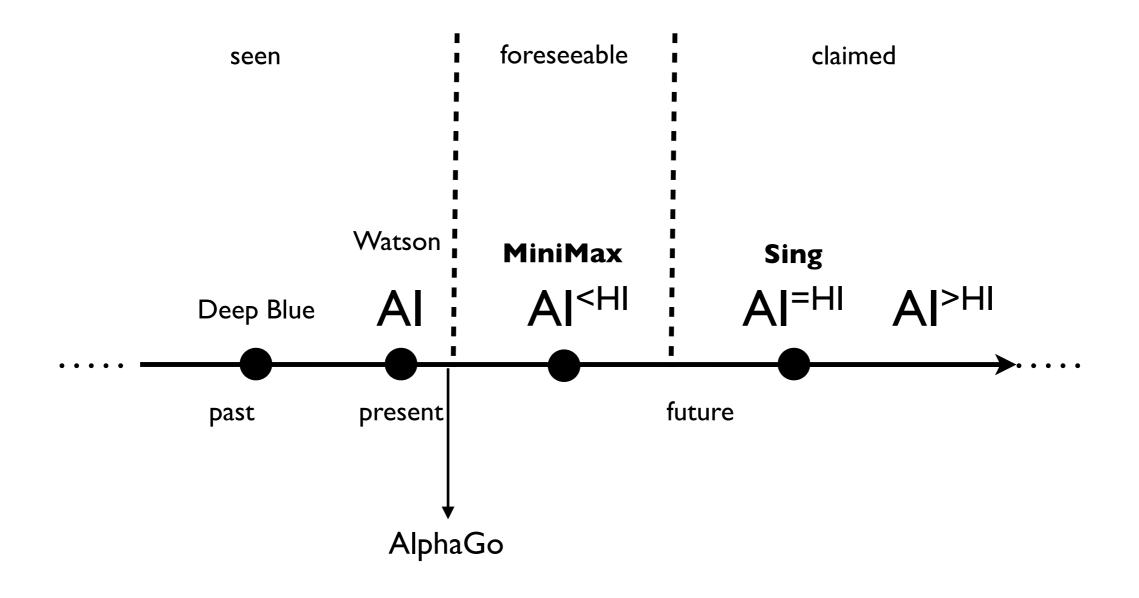
Peoples' Capitalism:

ROBOT

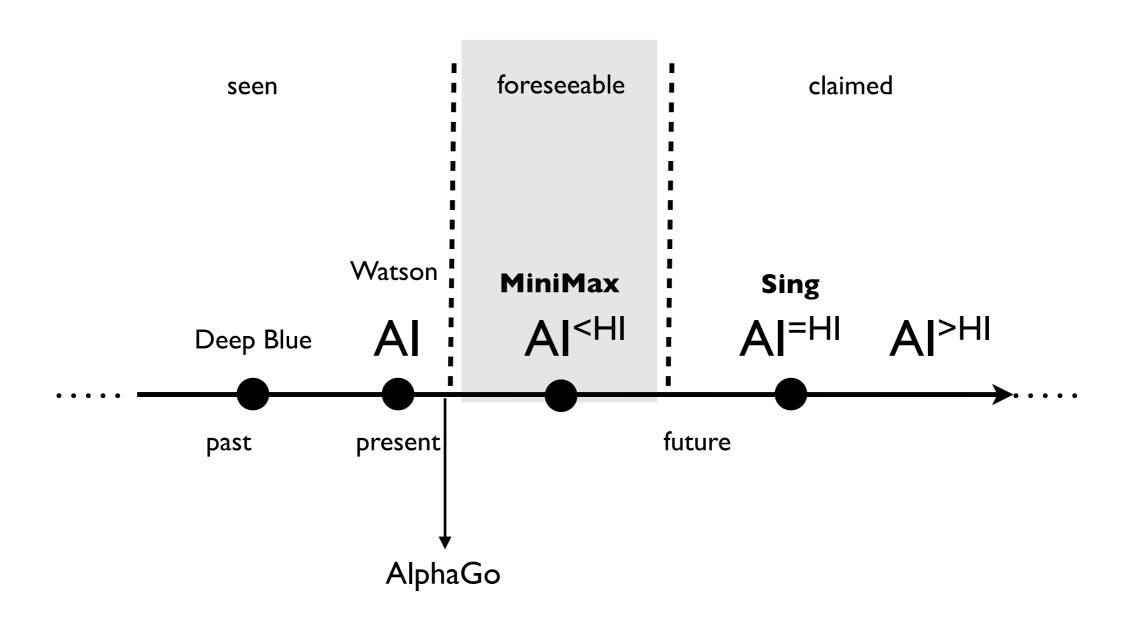
REVOLUTION

http://kryten.mm.rpi.edu/The_Singularity_Business.pdf

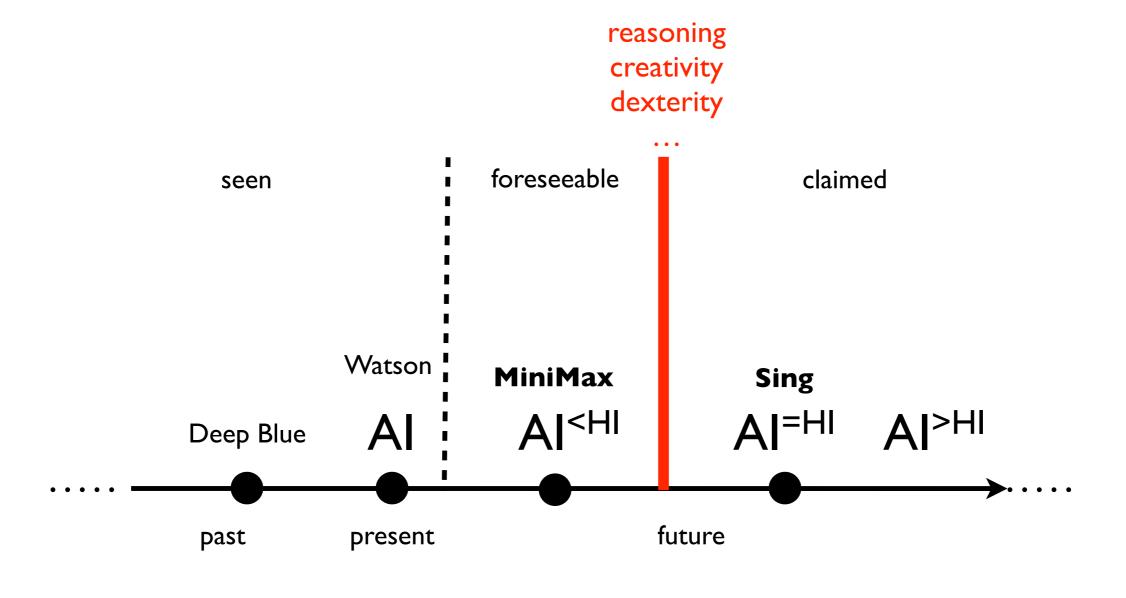
A Realistic Timeline



A Realistic Timeline

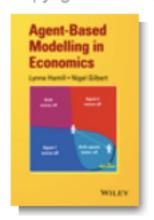


A Realistic Timeline



Agent-Based Modelling in Economics

Copyright @ 2016 John Wiley & Sons, Ltd.



Author(s): Lynne Hamill, Nigel Gilbert

Published Online: 6 NOV 2015 10:15PM EST

Print ISBN: 9781118456071

Online ISBN: 9781118945520

DOI: 10.1002/9781118945520

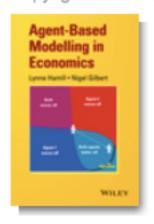
About this Book

Agent-based modelling in economics

Lynne Hamill and Nigel Gilbert, Centre for Research in Social Simulation (CRESS), University of Surrey, UK

Agent-Based Modelling in Economics

Copyright @ 2016 John Wiley & Sons, Ltd.



Author(s): Lynne Hamill, Nigel Gilbert

Published Online: 6 NOV 2015 10:15PM EST

Print ISBN: 9781118456071

Online ISBN: 9781118945520

DOI: 10.1002/9781118945520

No internal structure of people, and hence none of the hallmarks of human cognition over, say, the cognition of a chimp.

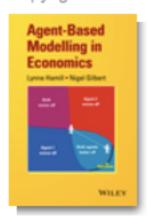
About this Book

Agent-based modelling in economics

Lynne Hamill and Nigel Gilbert, Centre for Research in Social Simulation (CRESS), University of Surrey, UK

Agent-Based Modelling in Economics

Copyright @ 2016 John Wiley & Sons, Ltd.



Author(s): Lynne Hamill, Nigel Gilbert

Published Online: 6 NOV 2015 10:15PM EST

Print ISBN: 9781118456071

Online ISBN: 9781118945520

DOI: 10.1002/9781118945520

No internal structure of people, and hence none of the hallmarks of human cognition over, say, the cognition of a chimp.

No epistemic attitudes.

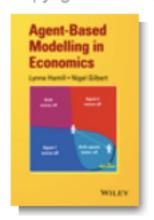
About this Book

Agent-based modelling in economics

Lynne Hamill and Nigel Gilbert, Centre for Research in Social Simulation (CRESS), University of Surrey, UK

Agent-Based Modelling in Economics

Copyright @ 2016 John Wiley & Sons, Ltd.



Author(s): Lynne Hamill, Nigel Gilbert

Published Online: 6 NOV 2015 10:15PM EST

Print ISBN: 9781118456071

Online ISBN: 9781118945520

DOI: 10.1002/9781118945520

No internal structure of people, and hence none of the hallmarks of human cognition over, say, the cognition of a chimp.

No epistemic attitudes.

No communicative capacity.

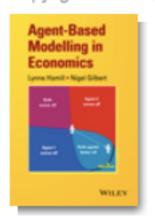
About this Book

Agent-based modelling in economics

Lynne Hamill and Nigel Gilbert, Centre for Research in Social Simulation (CRESS), University of Surrey, UK

Agent-Based Modelling in Economics

Copyright @ 2016 John Wiley & Sons, Ltd.



Author(s): Lynne Hamill, Nigel Gilbert

Published Online: 6 NOV 2015 10:15PM EST

Print ISBN: 9781118456071

Online ISBN: 9781118945520

DOI: 10.1002/9781118945520

No internal structure of people, and hence none of the hallmarks of human cognition over, say, the cognition of a chimp.

No epistemic attitudes.

No communicative capacity.

No knowledge.

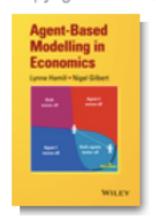
About this Book

Agent-based modelling in economics

Lynne Hamill and Nigel Gilbert, Centre for Research in Social Simulation (CRESS), University of Surrey, UK

Agent-Based Modelling in Economics

Copyright @ 2016 John Wiley & Sons, Ltd.



Author(s): Lynne Hamill, Nigel Gilbert

Published Online: 6 NOV 2015 10:15PM EST

Print ISBN: 9781118456071

Online ISBN: 9781118945520

DOI: 10.1002/9781118945520

No internal structure of people, and hence none of the hallmarks of human cognition over, say, the cognition of a chimp.

No epistemic attitudes.

No communicative capacity.

No knowledge.

No emotions.

About this Book

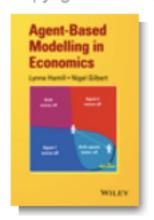
Agent-based modelling in economics

Lynne Hamill and Nigel Gilbert, Centre for Research in Social Simulation (CRESS), University of Surrey, UK

Agent-Based Modelling in Economics

Copyright @ 2016 John Wiley & Sons, Ltd.

Agent-based modelling in economics



About this Book

Author(s): Lynne Hamill, Nigel Gilbert

Published Online: 6 NOV 2015 10:15PM EST

Print ISBN: 9781118456071

Online ISBN: 9781118945520

DOI: 10.1002/9781118945520

No internal structure of people, and hence none of the hallmarks of human cognition

over, say, the cognition of a chimp.

No epistemic attitudes.

No communicative capacity.

No knowledge.

No emotions.

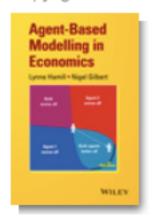
No reasoning.

Lynne Hamill and Nigel Gilbert, Centre for Research in Social Simulation (CRESS), University of Surrey, UK

Agent-Based Modelling in Economics

Copyright @ 2016 John Wiley & Sons, Ltd.

Agent-based modelling in economics



About this Book

Author(s): Lynne Hamill, Nigel Gilbert

Published Online: 6 NOV 2015 10:15PM EST

Print ISBN: 9781118456071

Online ISBN: 9781118945520

DOI: 10.1002/9781118945520

No internal structure of people, and hence none of the hallmarks of human cognition

over, say, the cognition of a chimp.

No epistemic attitudes.

No communicative capacity.

No knowledge.

No emotions.

No reasoning.

Etc.

Lynne Hamill and Nigel Gilbert, Centre for Research in Social Simulation (CRESS), University of Surrey, UK

$$\sum_{t=0}^{\infty} \beta^t [u(C_t) - v(H_t)]$$

$$\sum_{t=0}^{\infty} \beta^t [u(C_t) - v(H_t)]$$

No internal structure of people, and hence none of the hallmarks of human cognition over, say, the cognition of a chimp.

$$\sum_{t=0}^{\infty} \beta^t [u(C_t) - v(H_t)]$$

No internal structure of people, and hence none of the hallmarks of human cognition over, say, the cognition of a chimp.

No epistemic attitudes.

$$\sum_{t=0}^{\infty} \beta^t [u(C_t) - v(H_t)]$$

No internal structure of people, and hence none of the hallmarks of human cognition over, say, the cognition of a chimp.

No epistemic attitudes.

No communicative capacity.

$$\sum_{t=0}^{\infty} \beta^t [u(C_t) - v(H_t)]$$

No internal structure of people, and hence none of the hallmarks of human cognition over, say, the cognition of a chimp.

No epistemic attitudes.

No communicative capacity.

No knowledge.

$$\sum_{t=0}^{\infty} \beta^t [u(C_t) - v(H_t)]$$

No internal structure of people, and hence none of the hallmarks of human cognition over, say, the cognition of a chimp.

No epistemic attitudes.

No communicative capacity.

No knowledge.

No emotions.

$$\sum_{t=0}^{\infty} \beta^t [u(C_t) - v(H_t)]$$

No internal structure of people, and hence none of the hallmarks of human cognition over, say, the cognition of a chimp.

No epistemic attitudes.

No communicative capacity.

No knowledge.

No emotions.

No reasoning.

$$\sum_{t=0}^{\infty} \beta^t [u(C_t) - v(H_t)]$$

No internal structure of people, and hence none of the hallmarks of human cognition over, say, the cognition of a chimp.

No epistemic attitudes.

No communicative capacity.

No knowledge.

No emotions.

No reasoning.

Etc.

$$\sum_{t=0}^{\infty} \beta^t [u(C_t) - v(H_t)]$$

No internal structure of people, and hence none of the hallmarks of human cognition over, say, the cognition of a chimp.

No epistemic attitudes.

No communicative capacity.

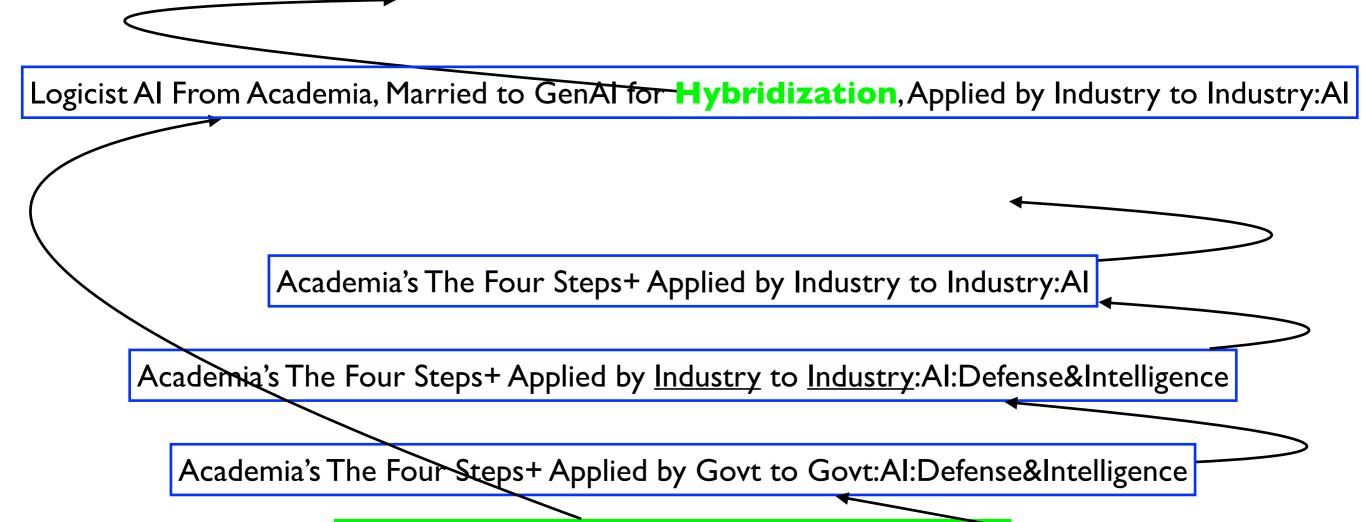
No knowledge.

No emotions.

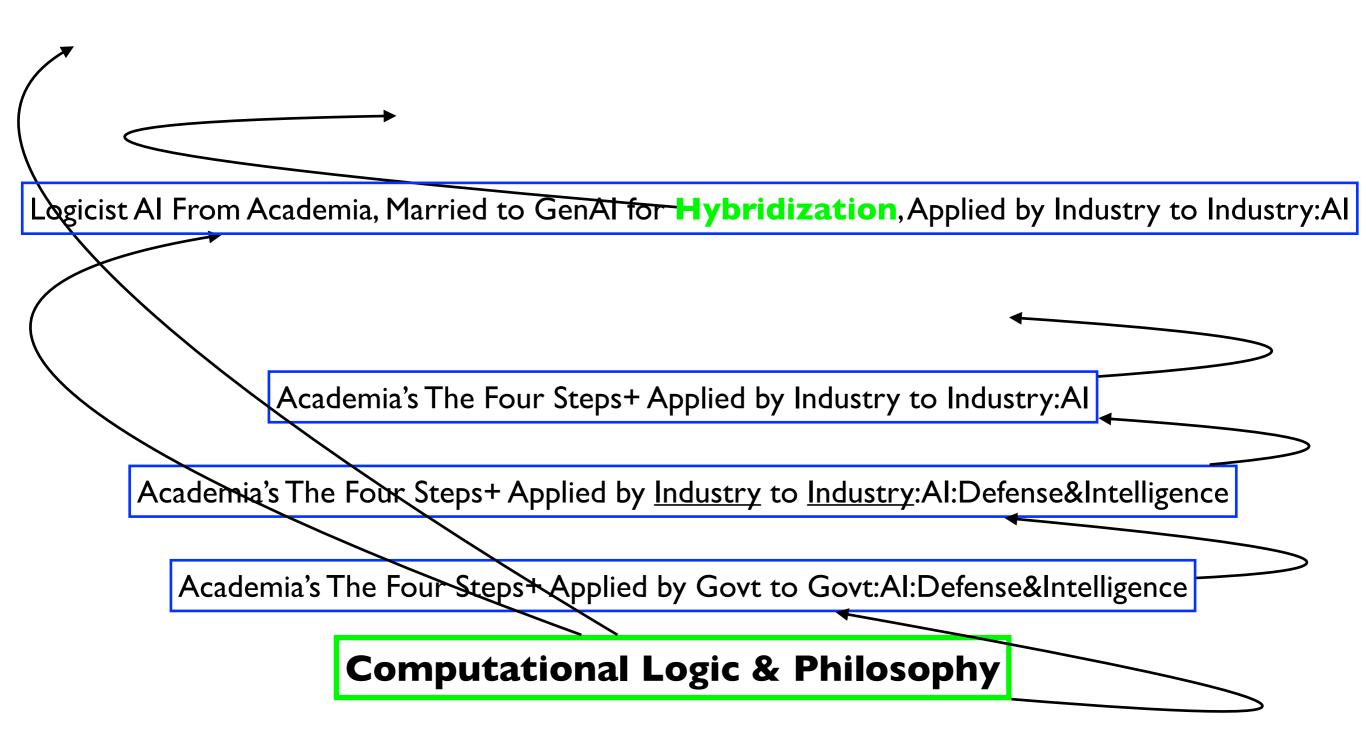
No reasoning. Oh, and no ethical sensibility is modeled either.

Etc.

Danger 2: Human Disemployment



Danger 2: Human Disemployment



Danger 2: Human Disemployment

LABE from Academia, & The Science of Universal Cognition, Applied by Industry to Industry: AI

Logicist Al From Academia, Married to GenAl for Hybridization, Applied by Industry to Industry: Al

Academia's The Four Steps+ Applied by Industry to Industry:Al

Academia's The Four Steps+ Applied by Industry to Industry: Al: Defense & Intelligence

Academia's The Four Steps + Applied by Govt to Govt:Al:Defense&Intelligence

Danger 2: Human Disemployment

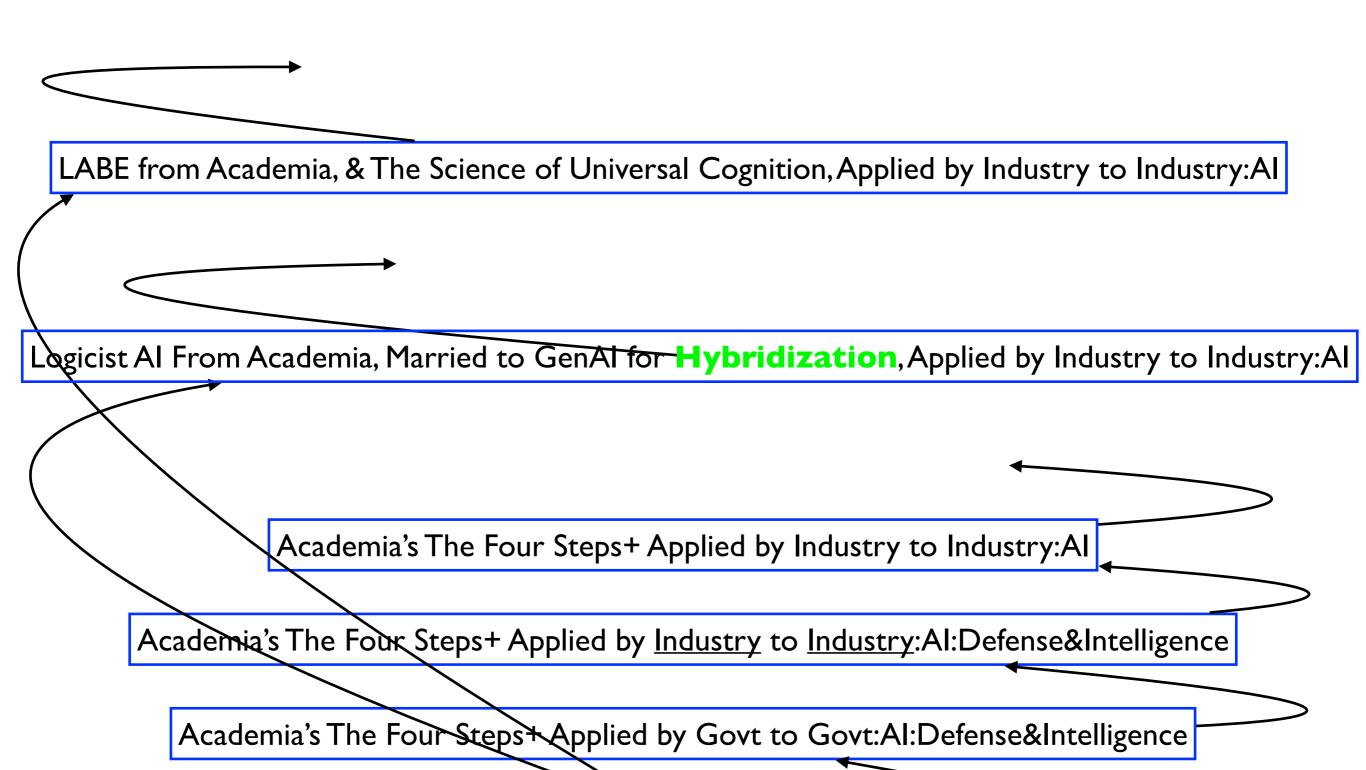
LABE from Academia, & The Science of Universal Cognition, Applied by Industry to Industry: Al

Logicist Al From Academia, Married to GenAl for Hybridization, Applied by Industry to Industry: Al

Academia's The Four Steps+ Applied by Industry to Industry:Al

Academia's The Four Steps+ Applied by Industry to Industry: Al: Defense&Intelligence

Academia's The Four Steps + Applied by Govt to Govt:Al:Defense&Intelligence



Bare logikk kan redde oss.

Part II!! ...

