

AI and the Church

Doug Olena · 9/17/2023 · Life Together

Outline

Unknown: Killer Robots on Netflix

GPT: Generative Pre-trained Transformers

**LLMs: Large Language Models
Near Future and the Singularity
Church Issues**



Unknown: Killer Robots

1. Go to bing.com (GPT-4) or bard.google.com and prompt the AI:
2. P1: “Summarize the show Unknown: Killer Robots on Netflix”
3. P2: “Please outline the various dangers exposed in the series”
4. P3: “Tell me about the exploration of toxic chemicals created by AI”

Pixel Space

- Handout 1

GPT

Generative Pre-trained Transformers

- Draw Things app on Mac
- Prompt: sd 1.5 professional oil painting of establishing shot of canal surrounded by verdant blue modern curved rustic greek tiled buildings, professional majestic oil painting by ed blinkey, atey ghailan, studio ghibli, by jeremy mann, greg manchess, antonio moro, trending on artstation, trending on cgsociety, volumetric lighting, dramatic lighting, dawn, water, canoes, refraction



GPT

Generative Pre-trained Transformers

- Hugging Face: <https://huggingface.co/>
- Prompt: young girl in garden wearing floral dress



GPT

Generative Pre-trained Transformers

- Hugging Face: <https://huggingface.co/>
- Prompt: Japanese man, 30 years old in power generation plant, 8k photographic quality



LLMs

Large Language Models

- GPT-n, Llama, Bard, Claude, Open Assistant, Character.ai, Perplexity.ai

AI Newsletters

- AI Breakfast: <https://aibreakfast.beehiiv.com/>
- Future Tools: <https://www.futuretools.io/>
- The Rundown: <https://www.therundown.ai/>

Prompting guides

- **Guide** • **URL** • **Free/Paid**
- How to Write Effective Prompts for ChatGPT - <https://www.zdnet.com/topic/security/> - Free
- 100+ Best ChatGPT and Bard Prompts to Unleash AI's Potential - <https://mpost.io/> - Free
- Prompt Engineering for ChatGPT: A Comprehensive Guide - <https://prompthero.com/> - Paid
- ChatGPT Prompt Engineering Tutorial - <https://www.youtube.com/> - Free
- Prompt Writing Guide for Bard - <https://cloud.google.com/ai-platform/docs> - Free

Near Future, the Singularity, Culture, Mind

- Ray Kurzweil, *The Singularity is Near: When Humans Transcend Biology* 2005
<https://amzn.to/3EHhoDq>
- Ray Kurzweil, *How To Create a Mind* 2012
<https://amzn.to/3RlmbCb>
- Nick Bostrom, *Superintelligence: Paths, Dangers, Strategies* 2014
<https://amzn.to/3PjYEyM>
- editor Dechert, Charles R., *The Social Impact of Cybernetics* 1966
<https://amzn.to/3LquQzq>

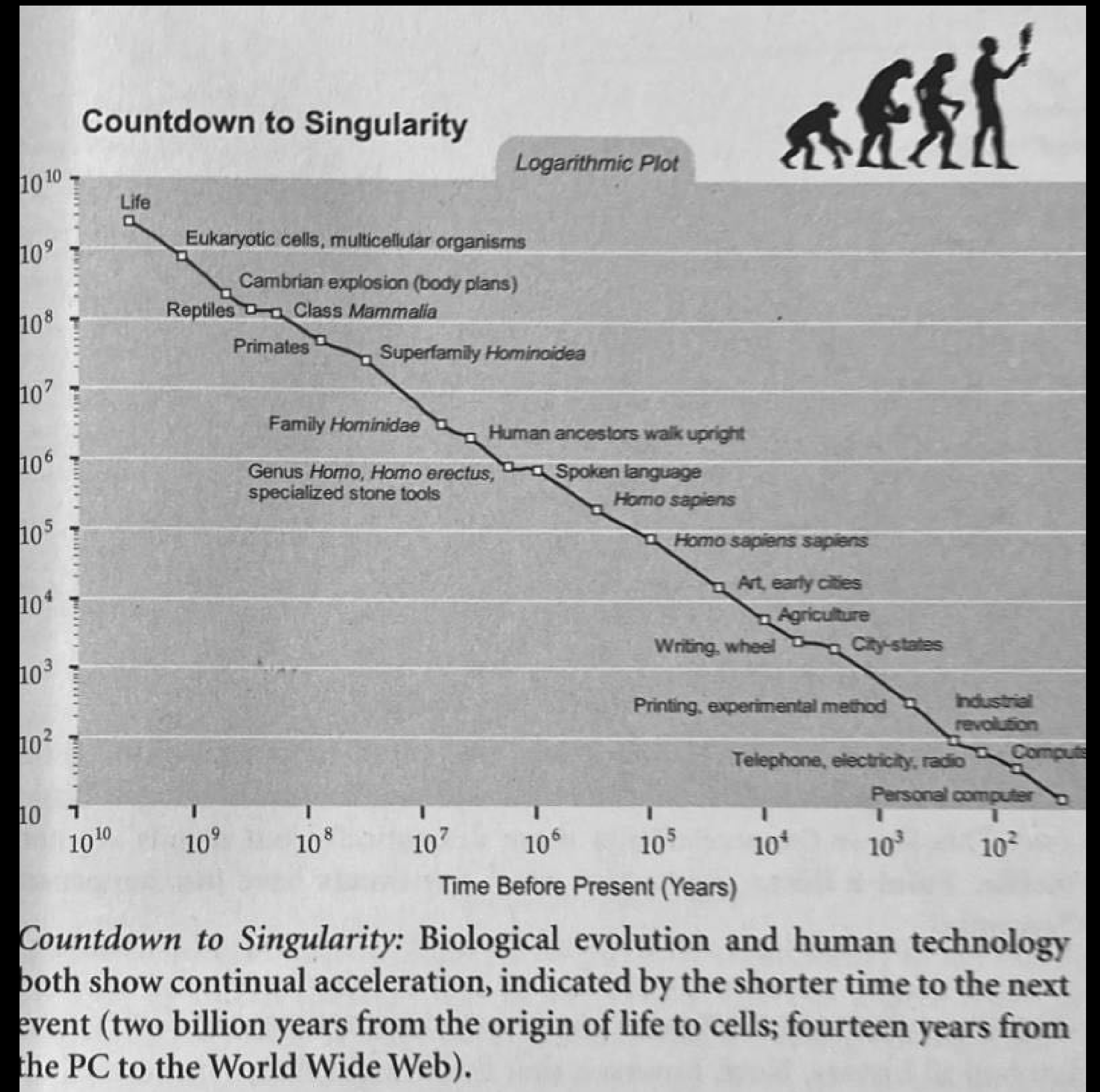
What is the Singularity?

- The Singularity can be boiled down to this.
 - The Singularity is a point in future time beyond which humans can no longer predict the next steps, moves, occurrences.
 - The Singularity is a black hole for information

The Singularity is Near Ray Kurzweil

The Law of Accelerating Returns

p 17



How To Create a Mind

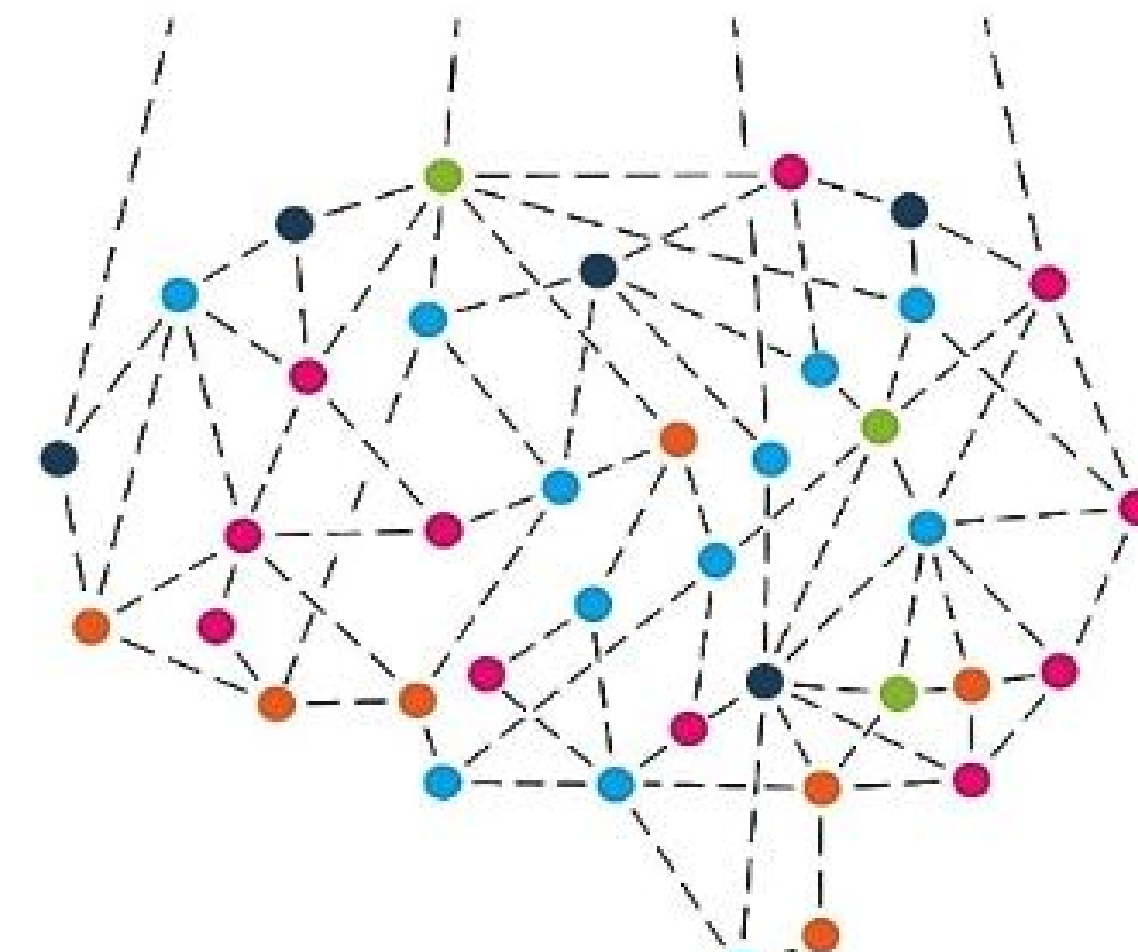
Ray Kurzweil

Whole brain emulation

**Feedback between AI and
brain science**

HOW TO CREATE A MIND

THE SECRET OF
HUMAN THOUGHT REVEALED



Superintelligence

Nick Bostrom

- There are two current worries about AI whether from Full Brain Emulation, or Artificial Intelligence
 - Autonomy
 - The AI sets its own goals
 - Self improvement
 - The AI can modify its own base code

Superintelligence

Nick Bostrom

- How to build a superintelligence.
- How to prevent a runaway superintelligence. . .
 - Training, Alignment, Control
 - Set goals for AI, let it set its own goals with either carrot or stick, how to catch it if it goes wrong

Runaway AI

Star Trek Discovery

- Alien database dump to Discovery, evolving into a person recognized by Star Fleet as alien life.
- Star Fleet overtaken by malicious AI forcing Discovery to leap into the future to prevent the Star Fleet AI from getting the alien data.



Church Issues

Draw Things: using SD 2 HD
— country church, Vermont,
fall season, pastoral
background, No cars or
people



Church Issues

- Education: authority or resource
- Business: are there efficiencies to gain?
- Employment: we are some distance away from AI pastors, but it may not be that far away. ([character.ai](#))
- Sermon Prep: Handout 2