



# AI Leadership

What CEOs Need To Know

Viktor Dörfler

# Prelude

fairly recently



Within 5 years we can download consciousness into a computer.

1982

AI will be writing Shakespeare-level prose within 100 and possibly 50 years.



1957



Within ten years:

1. a computer will be the world's chess champion
2. a computer will discover and prove an important new theorem
3. a computer will write music that will be praised by critics
4. most theories in psychology will take the form of computer programs

# Crisis



Gary Kasparov vs Deep Blue, 1997



Midjourney wins an art prize, 2022



ChatGPT-3 passes MBA exam, 2023



Univac at Elections (1952)



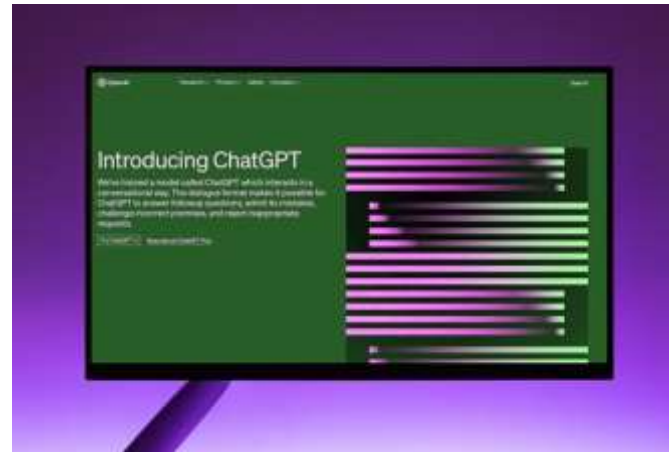
Lee Sedon vs AlphaGo, 2015



ChatGPT-4 has a plan to escape



Picture recognition gets confused with slight changes in position or alteration of several pixels that would make no difference for the human viewer, 2014-2020



Nabla (GPT-3) recommends suicide to a “patient”, 2020. Bing AI chatbot calls a CNN reporter “rude and disrespectful” and declares love to NYT journalist, 2023

# Climax

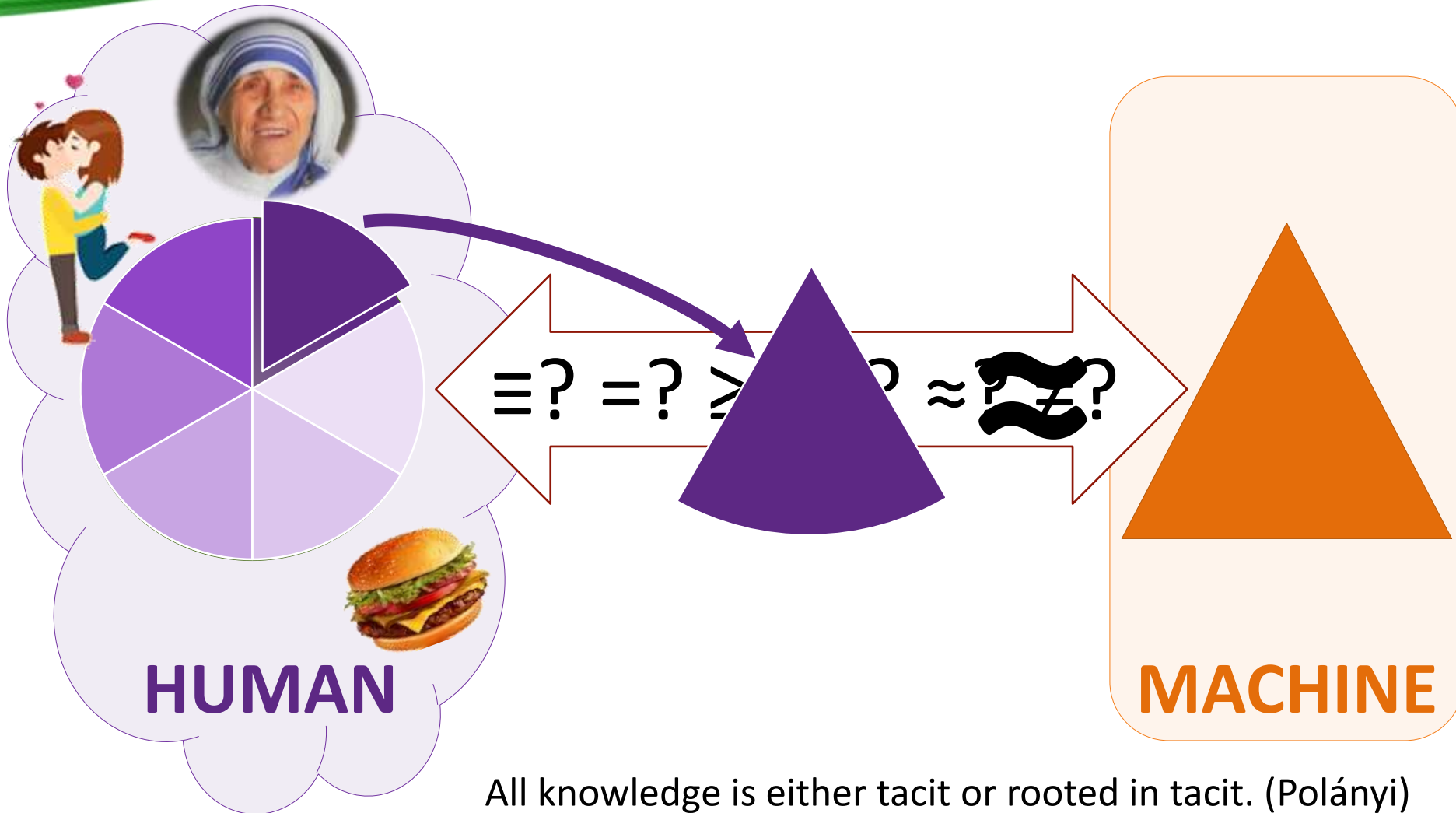


Chess-robot breaks 7-year old boy’s finger, as he was “too fast”, 2022



Kellin Pelrine, American amateur Go player, ranked one level below the top in amateurs, beats top Go computer 14 out of 15 games, 2023  
(NOTE: no AI support during the game, but AI played a role in the preparation)

# Resolution



Humans are not logical



All knowledge is either tacit or rooted in tacit. (Polányi)

# Epilogue



## AI = Analytics on steroids

AI does not make better decisions, but can make our decisions **better informed** (Tom Davenport)

**Authentic humans using authentic AI**



## AI is useful, rather than sexy or splashy

Cannot have insight, but can be or deliver a **source of insight**

**A tool to be used not a collaborator**

# Viktor Dörfler



[www.strath.ac.uk/staff/dorflerviktordr](http://www.strath.ac.uk/staff/dorflerviktordr)



[drviktordorfler](https://www.facebook.com/drviktordorfler)



[viktordorfler](https://www.linkedin.com/in/viktordorfler)



[viktordorfler](https://twitter.com/viktordorfler)



[viktordorfler](https://www.youtube.com/viktordorfler)



[viktordorfler](https://orcid.org/viktordorfler)



<http://viktordorfler.ai/>