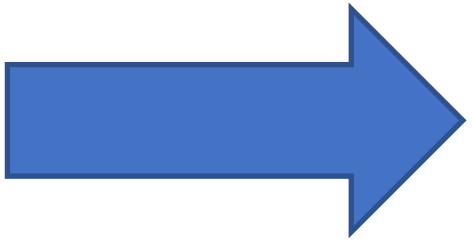
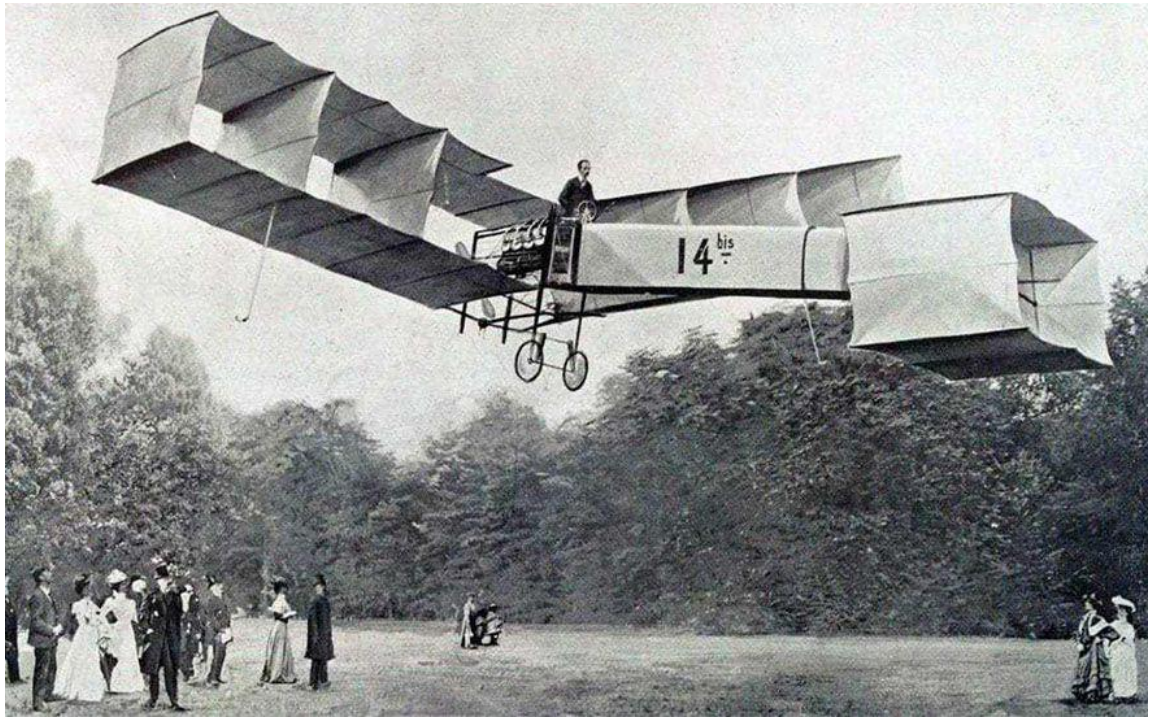
NN History

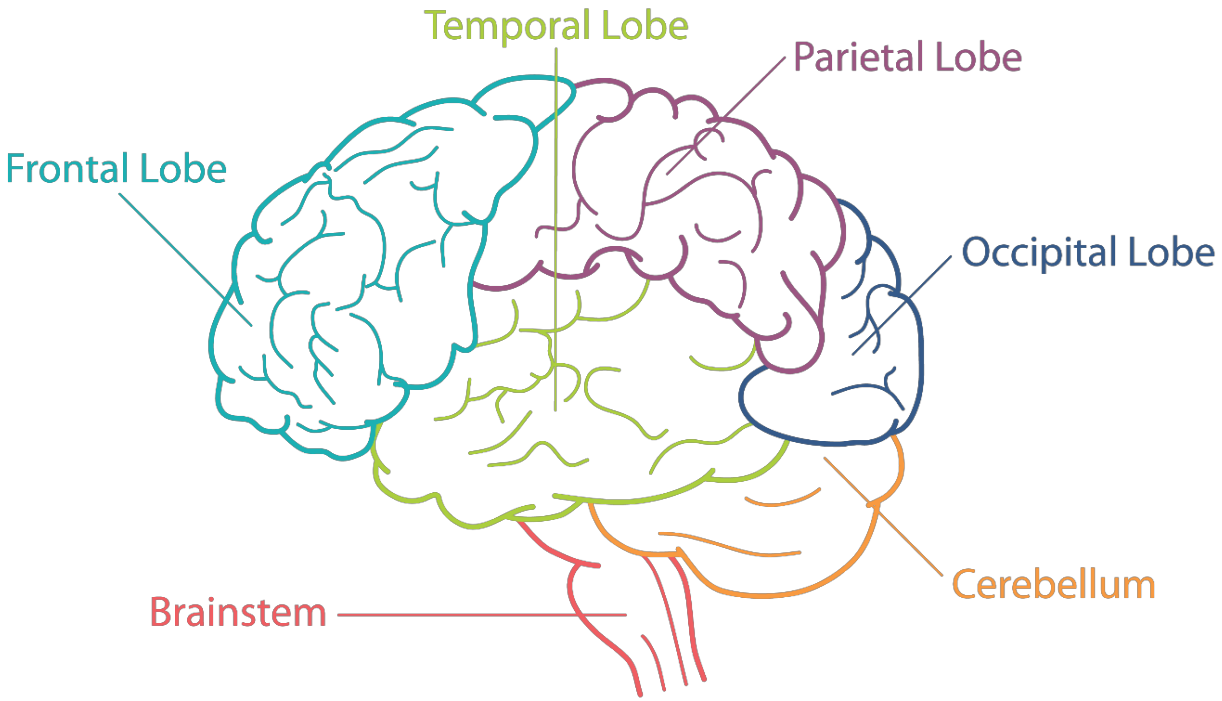
Tiago Vieira

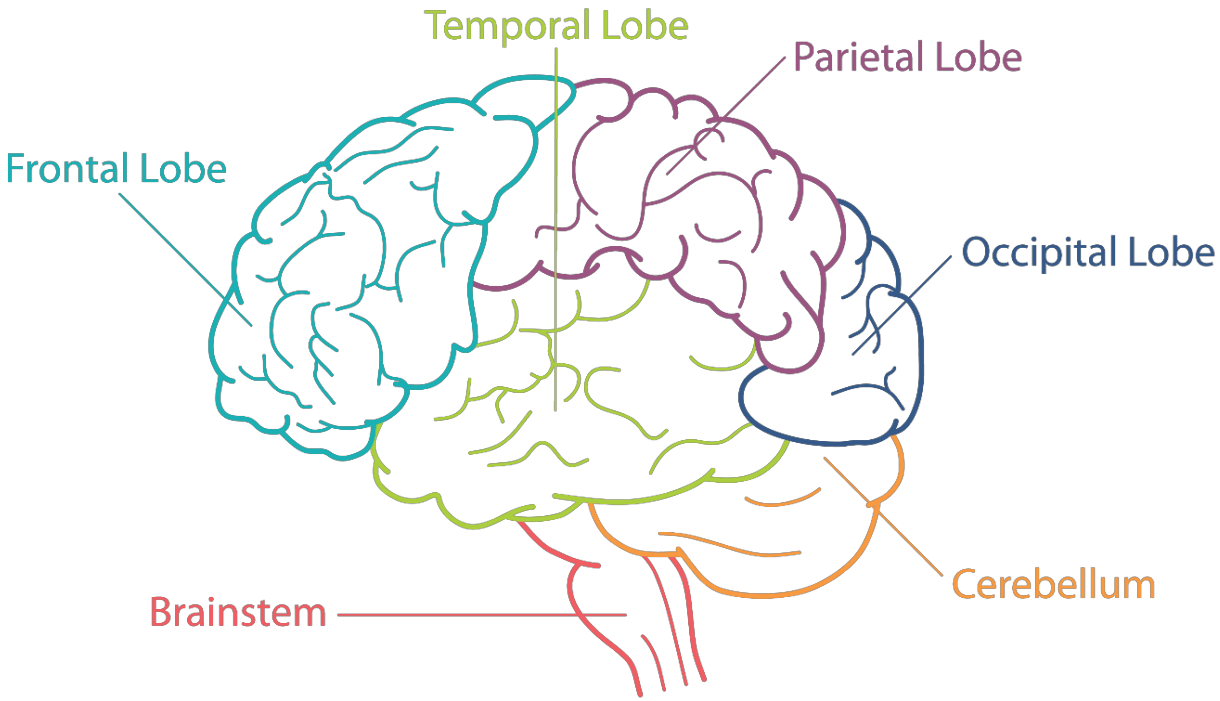
"AI is going to take over the world"

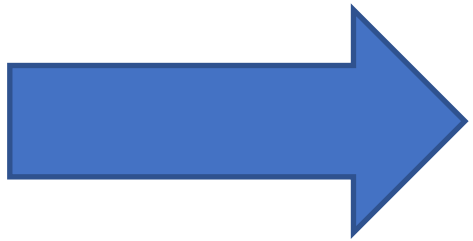
My AI:

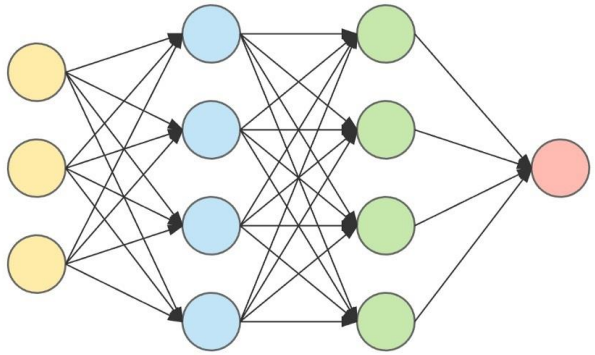



14 bis


Temporal Lobe
Parietal Lobe
Frontal Lobe
Occipital Lobe
Cerebellum
Brainstem

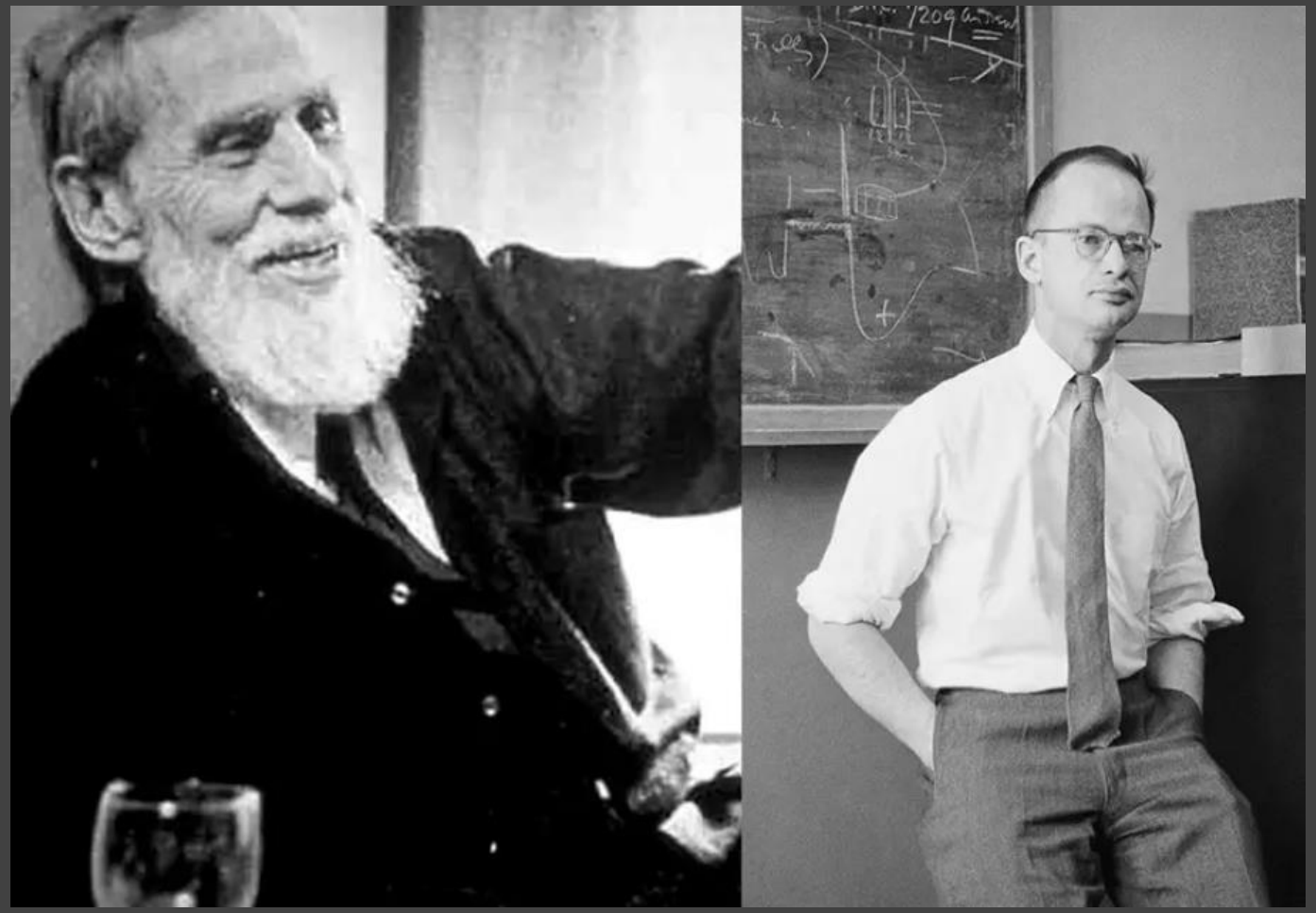


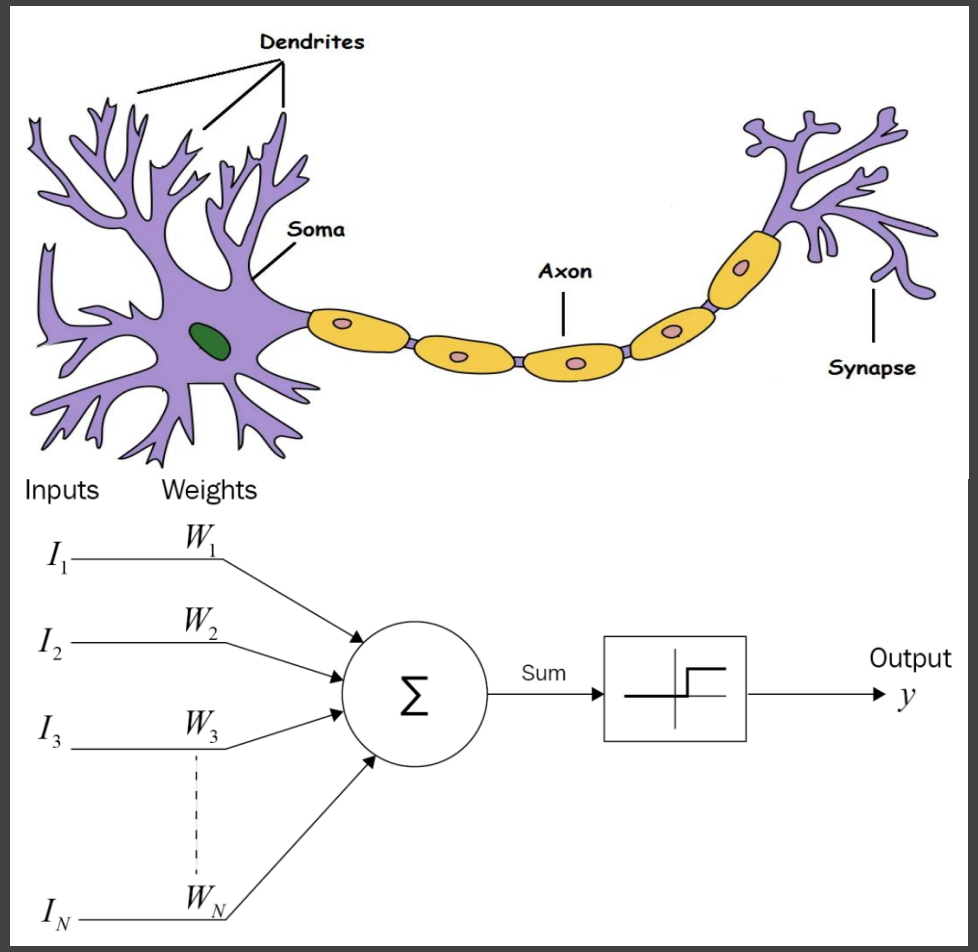




Experiencia

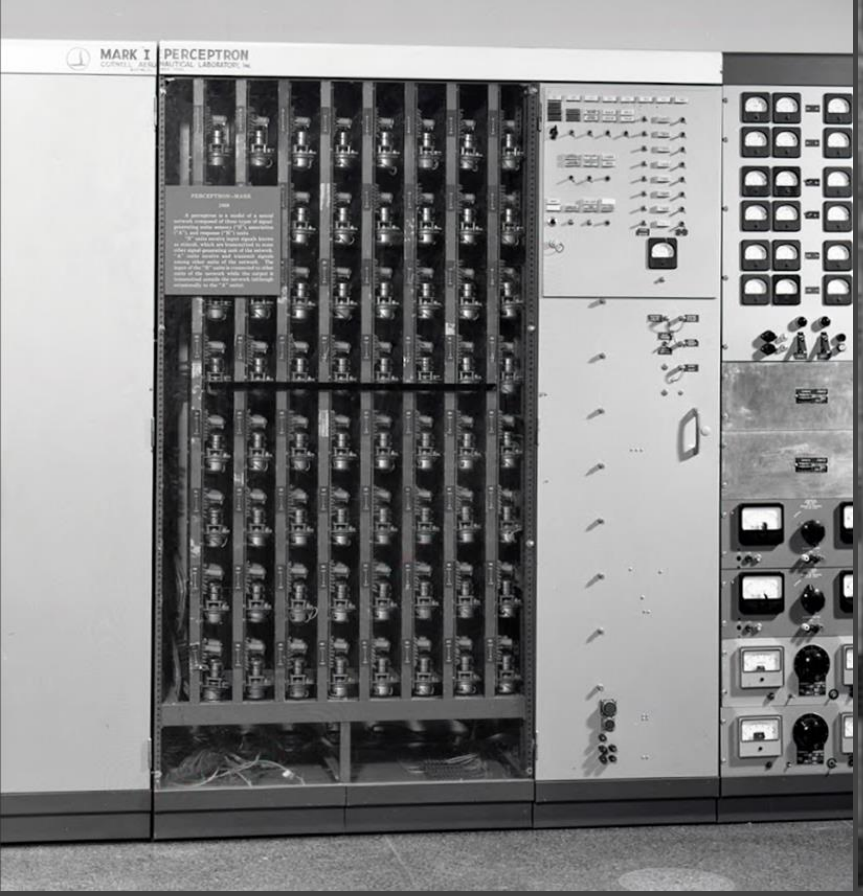
(Breve) Retrospectiva

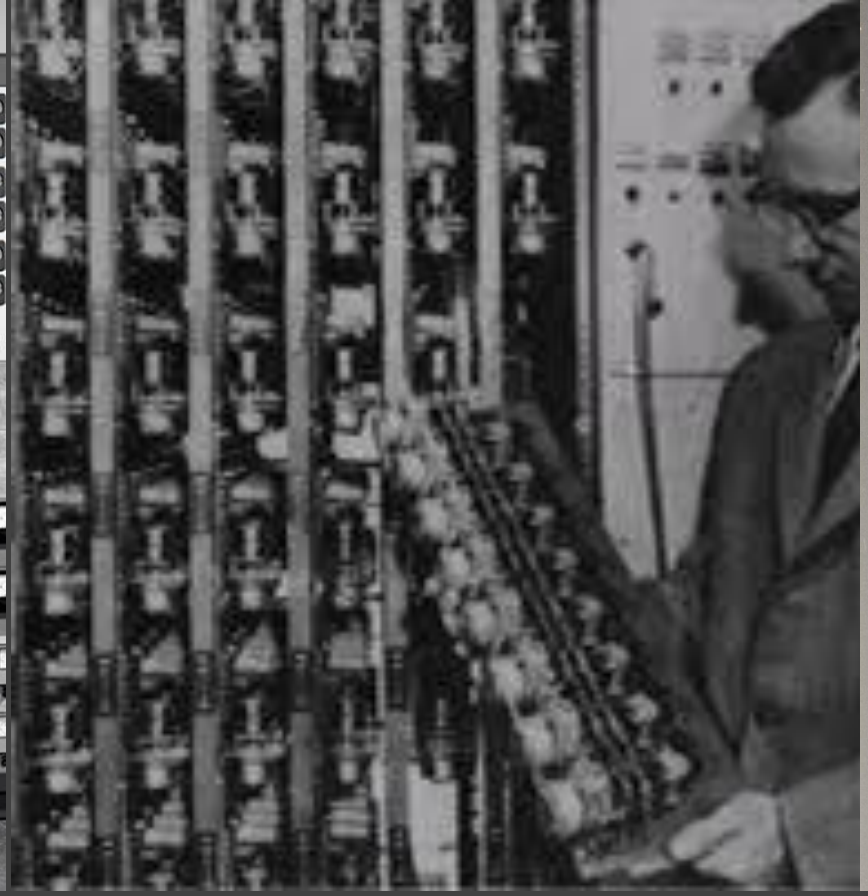


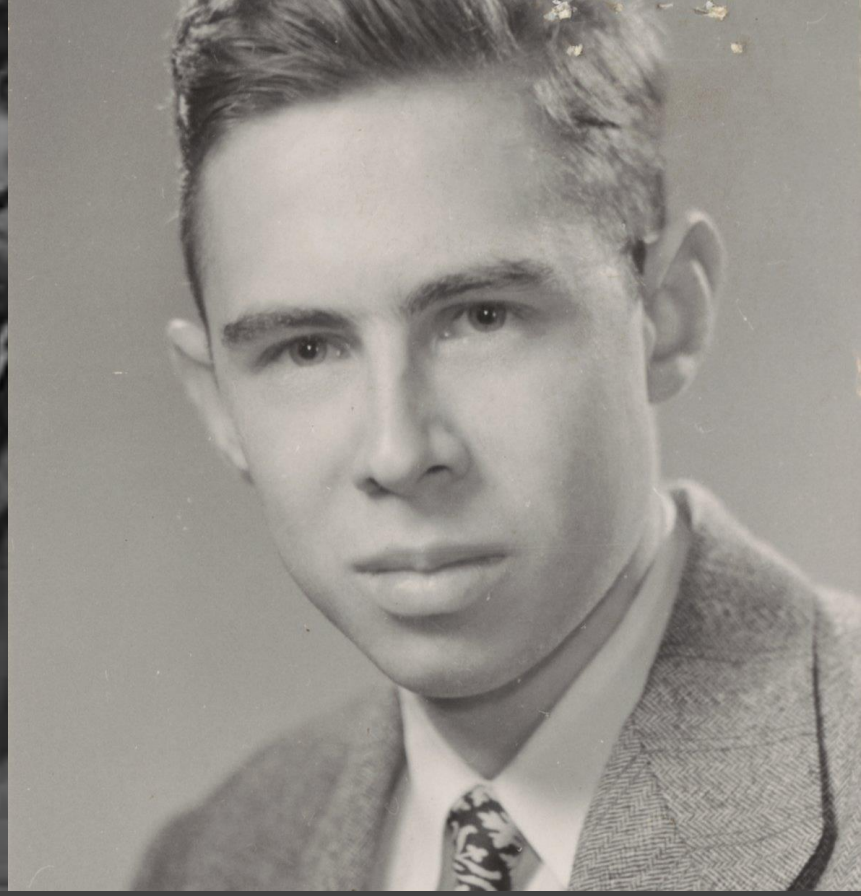


McCulloch & Pitts Logic (1958)

→ Première idée du Perceptron

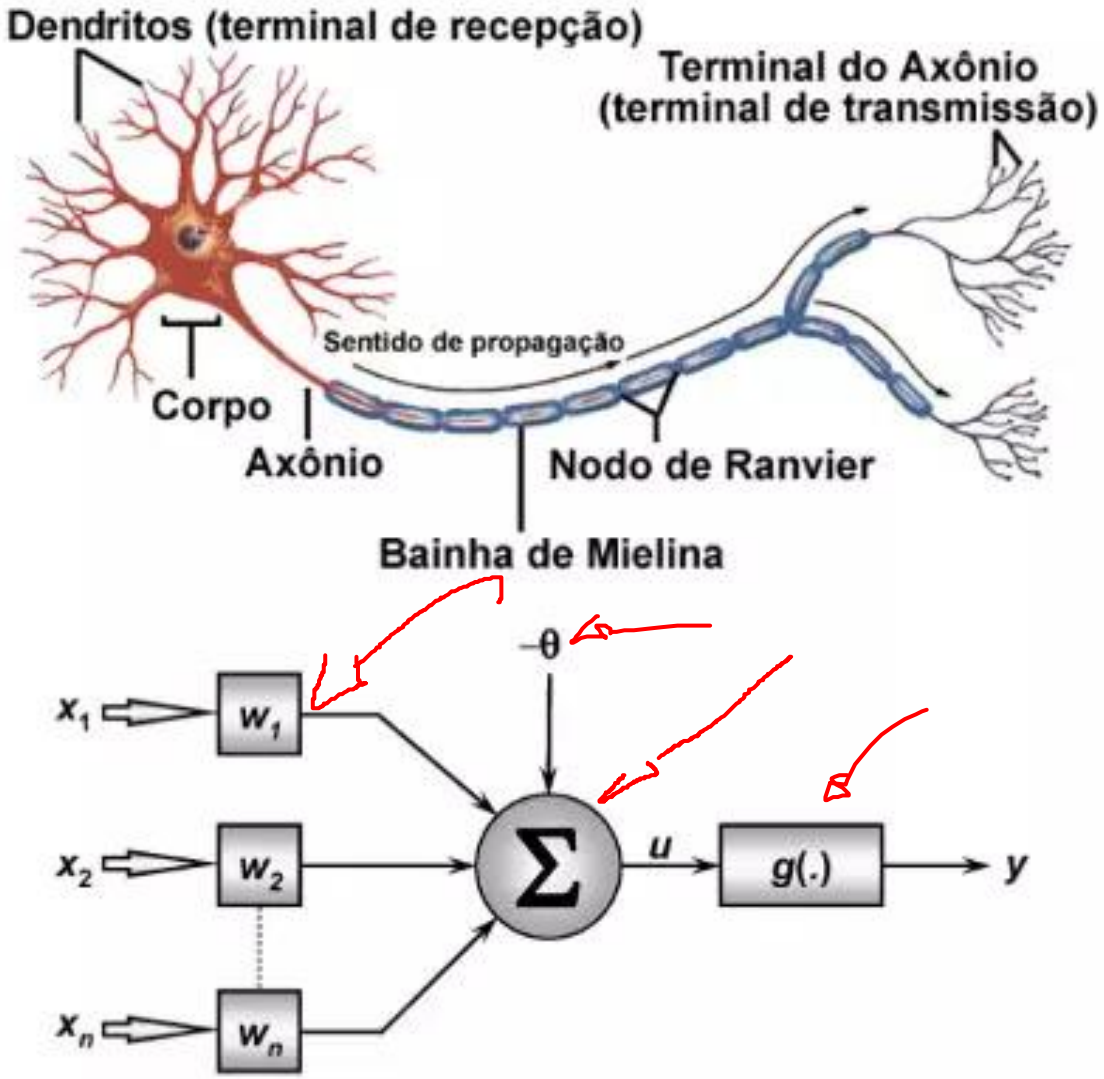


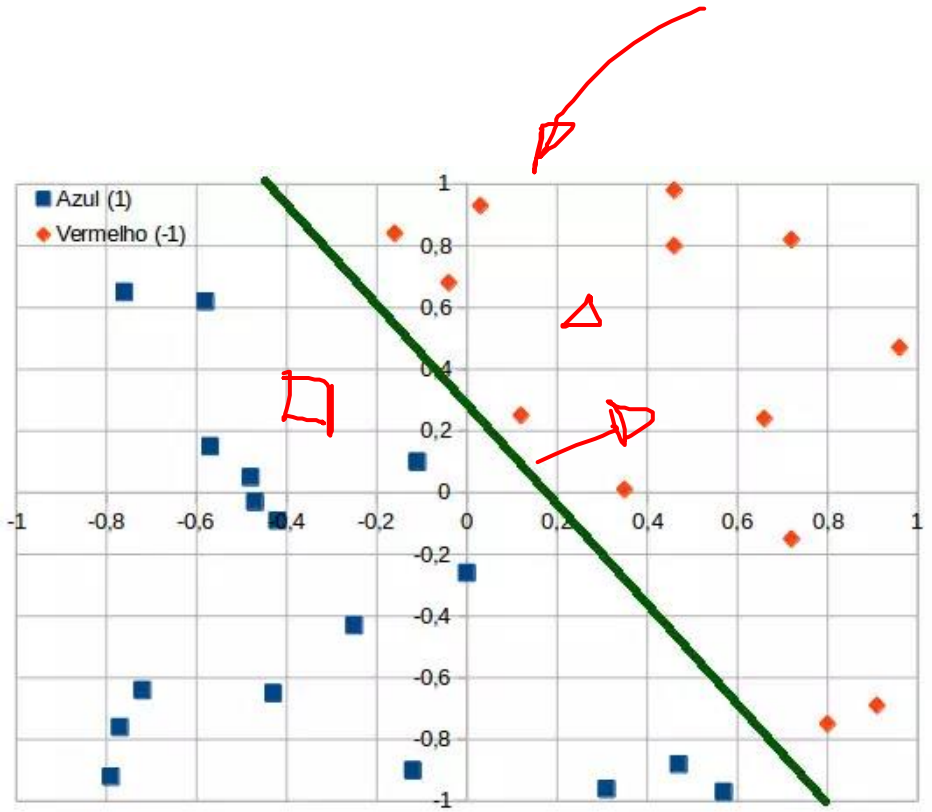




Frank Rosenblatt & Mark I Perceptron (1958)

→ Private perceptron

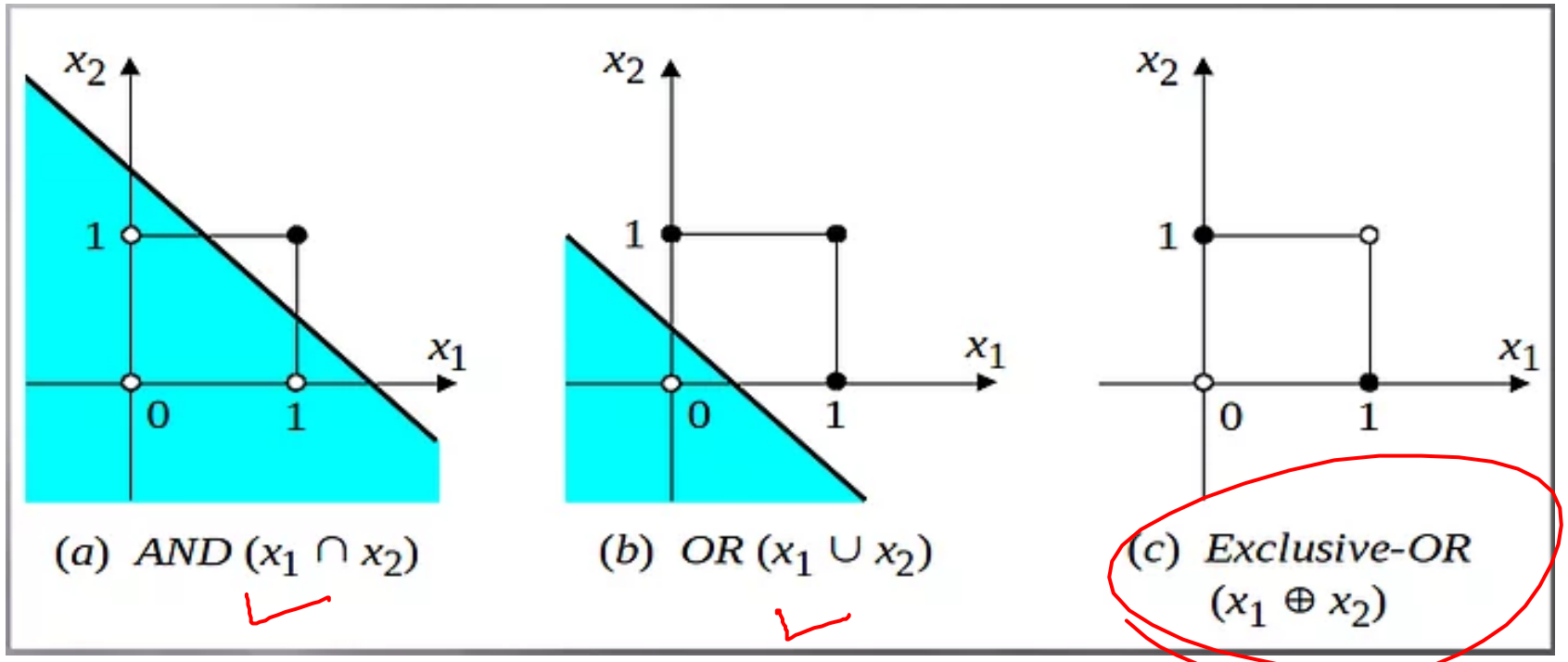


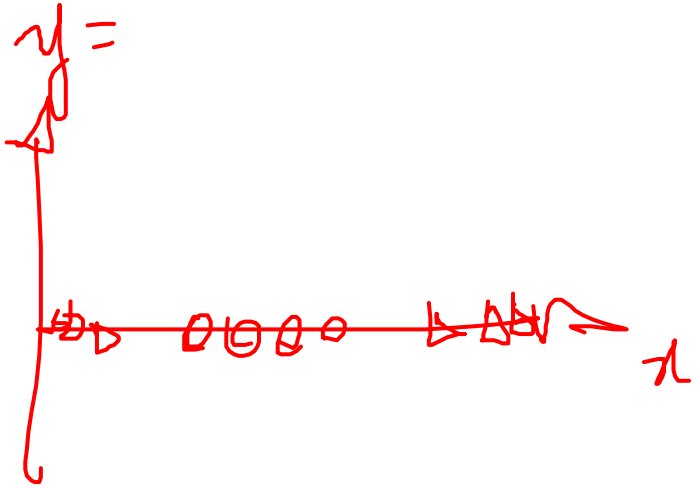


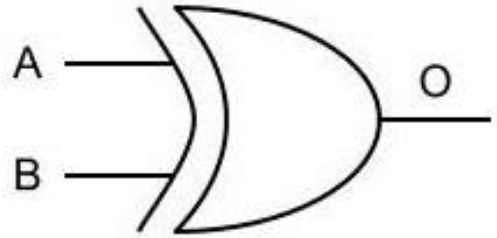
Fonte: https://bit.ly/3jblyqQ

Marvin Minsky & Seymour Papert (1968)

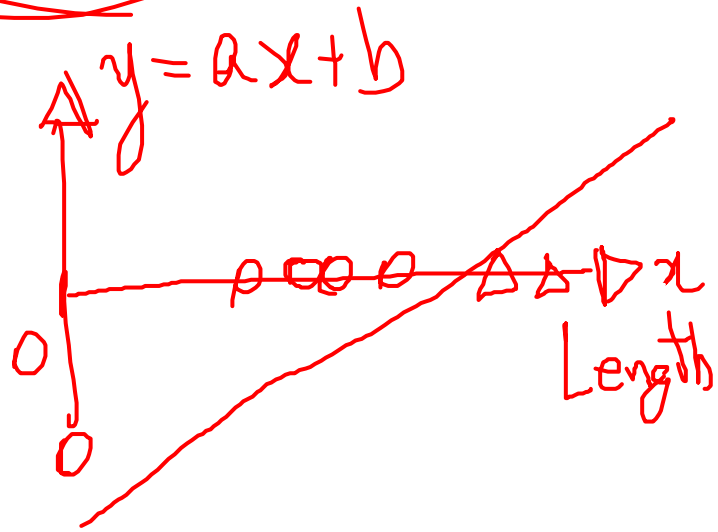
↳ Problème du XOR







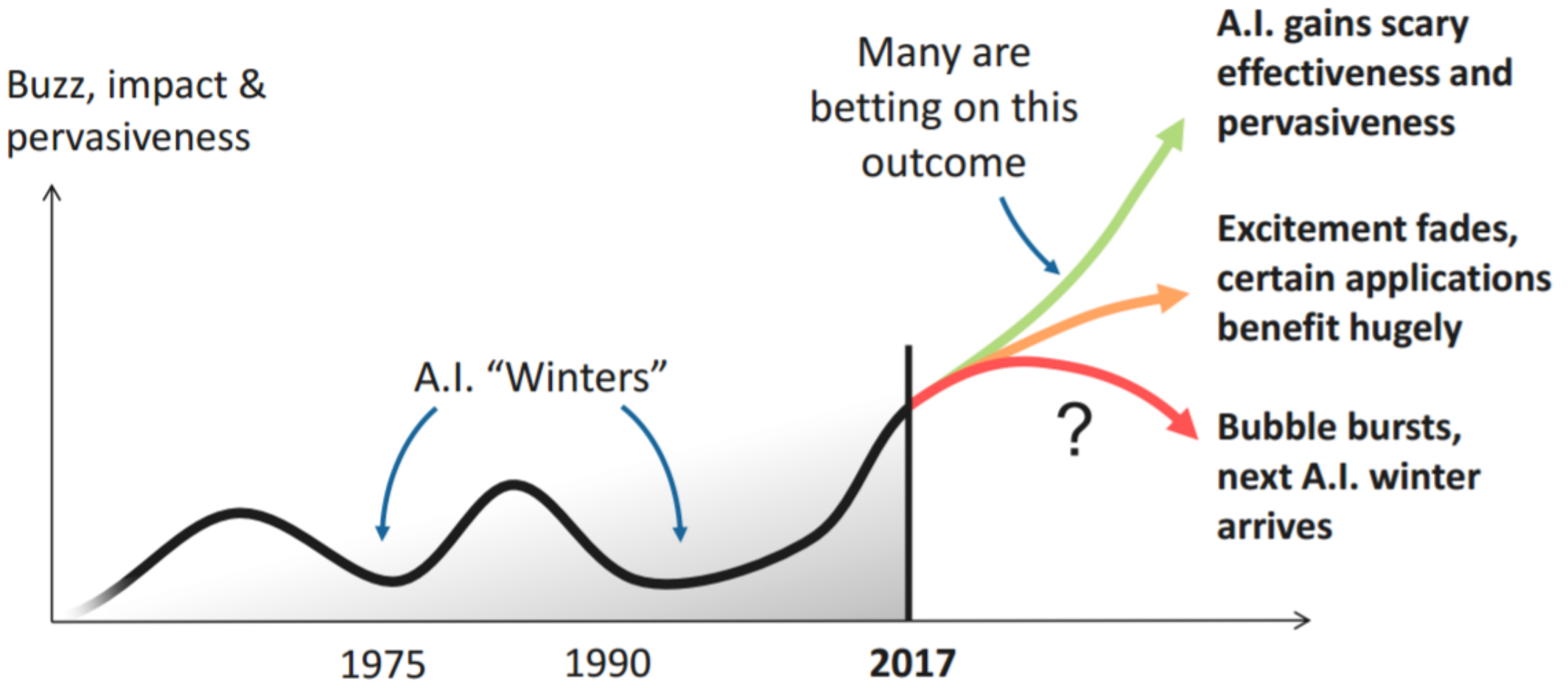
A	B	O
0	0	0
0	1	1
1	0	1
1	1	0



Fonte: https://bit.ly/30aH6fS

AI "HYPE"

AI is enjoying significant hype and investment

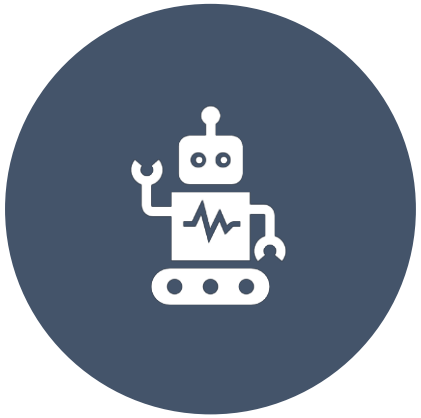


Fonte: https://bit.ly/335Q8N6

O que gerou o 3º *BOOM*?

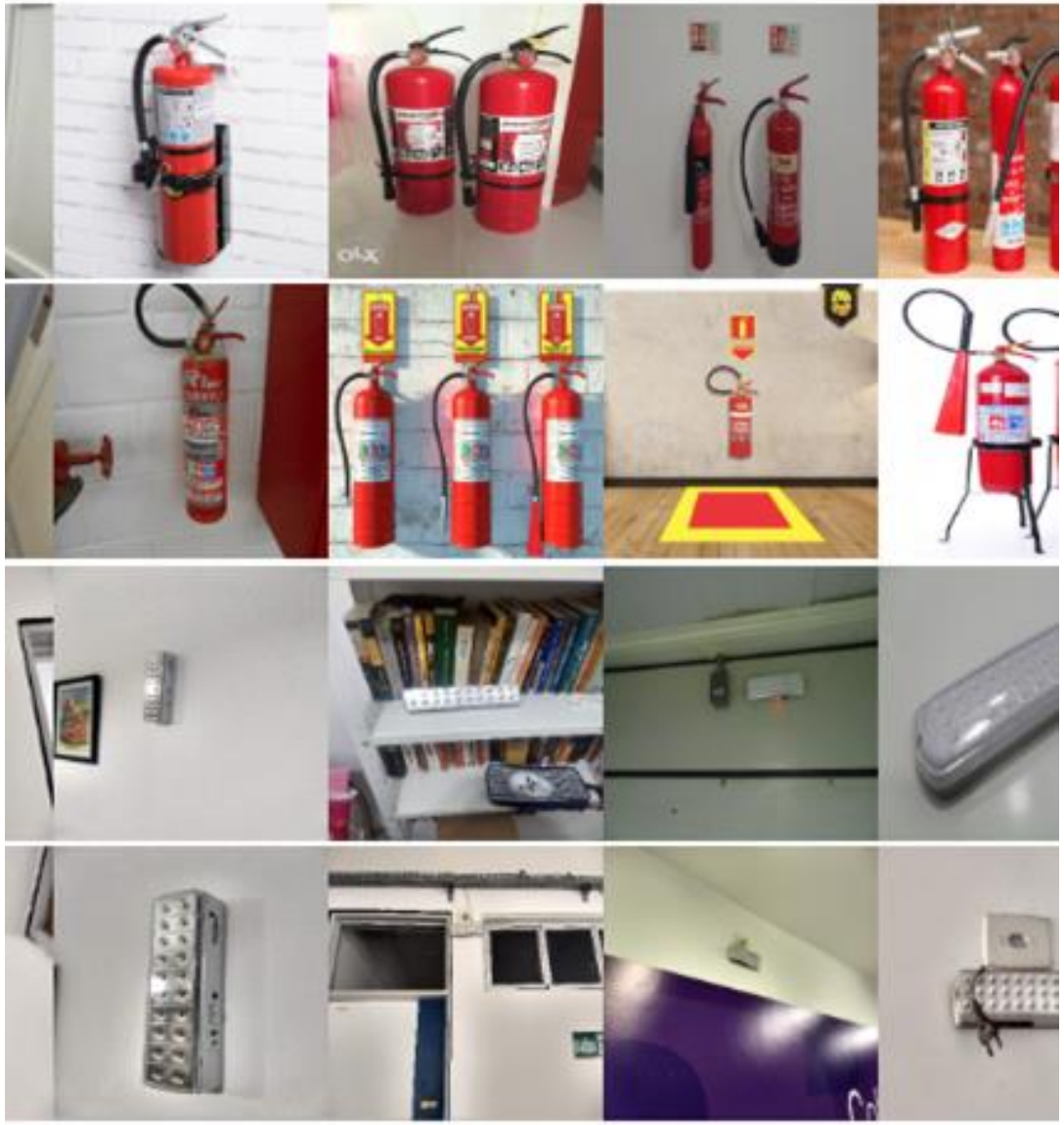
DATA

HARDWARE



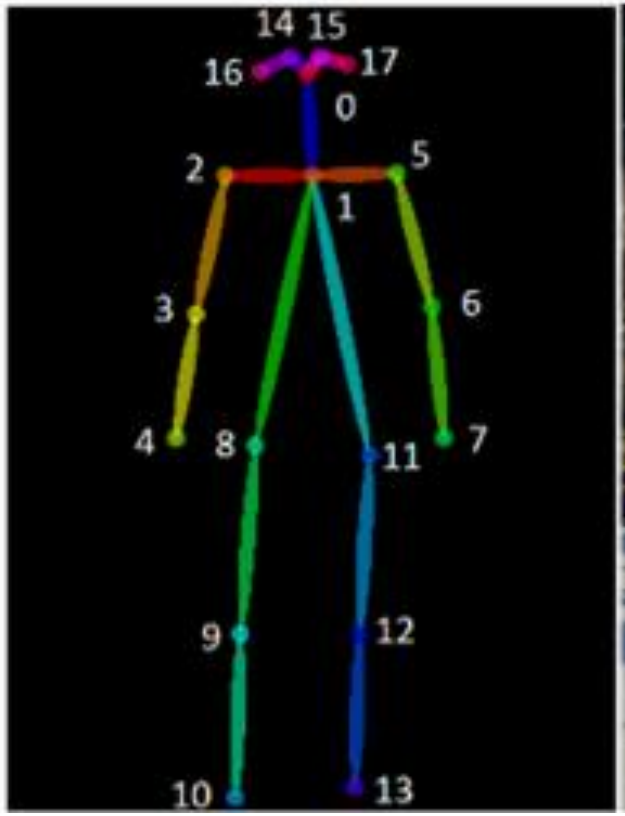
ALGORITHMS

Visão Computacional



Hose: 99%
Plate: 96%
Extinguisher: 78%

hardhat: 98%
person: 85%
vest: 98%
hardhat: 97%
vest: 98%


14 15
16 17
0
2 5
1
3 6
4 8 11 7
9 12
10 13

28

Person: 98.25%

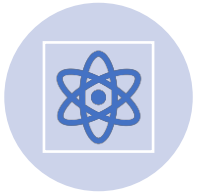
Aplicações de IA na Indústria

Aplicações

Social networks

Advertisement

Finances

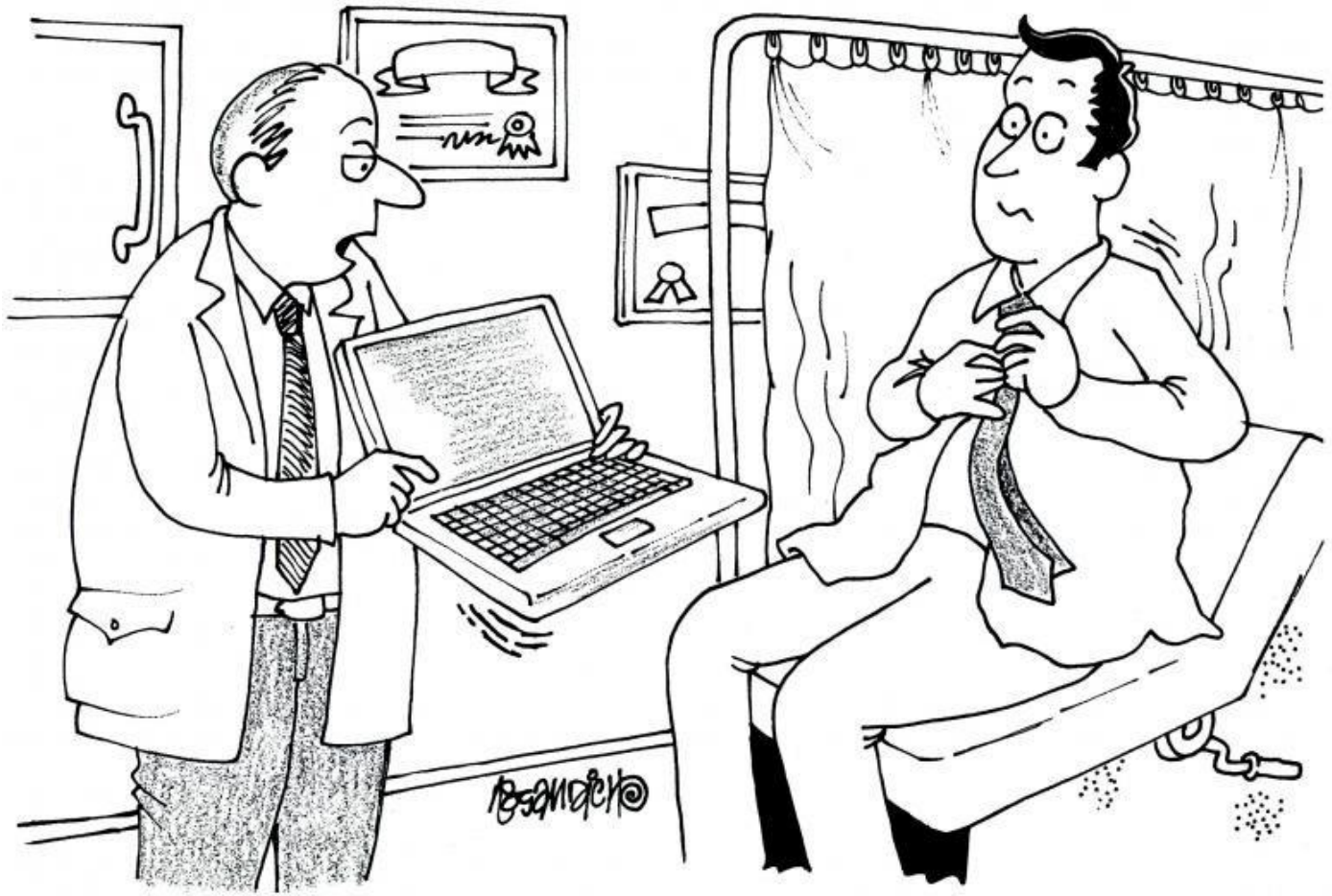


Actuarial sciences

Medicine

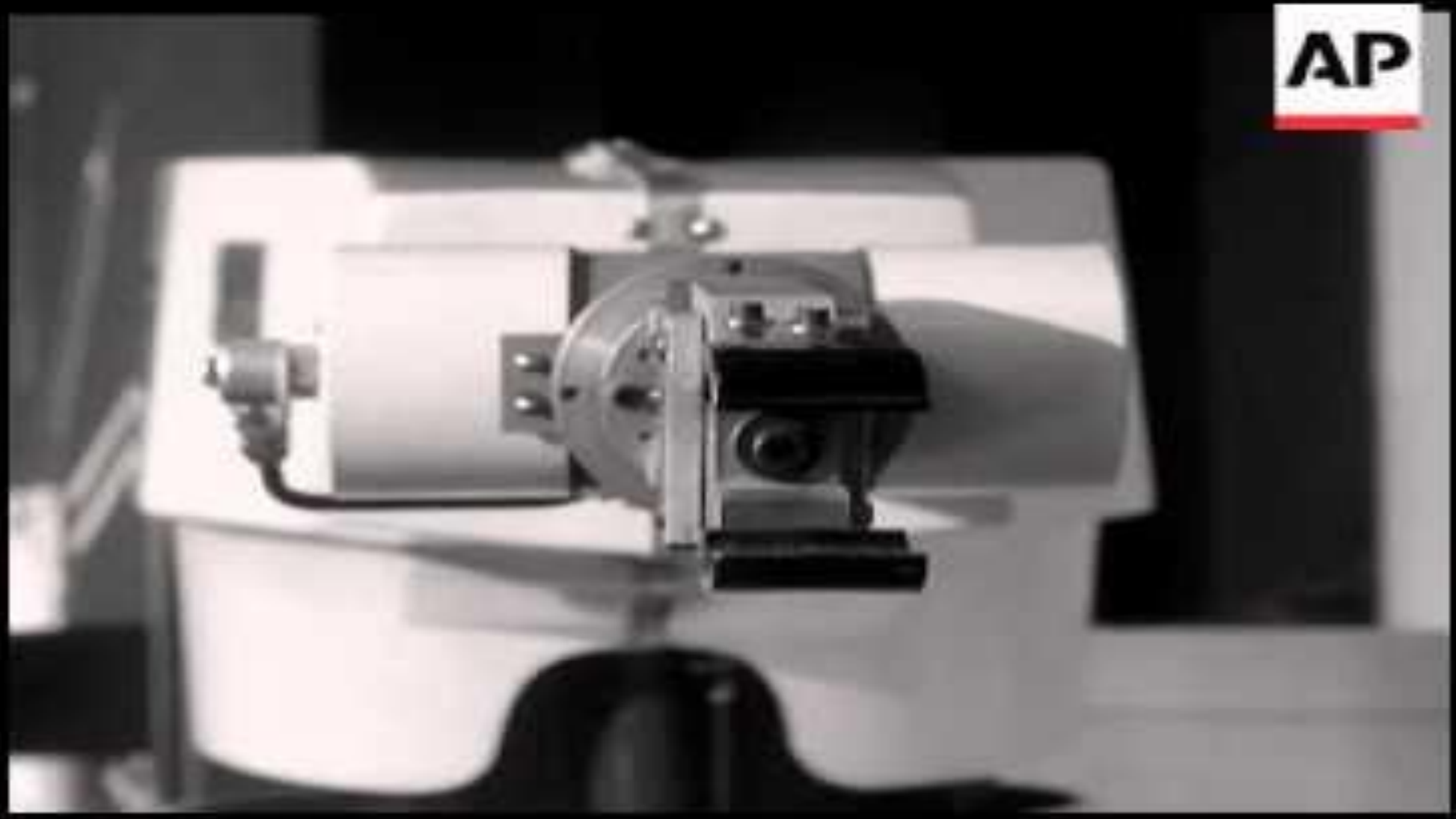
Robotics

IA na medicina



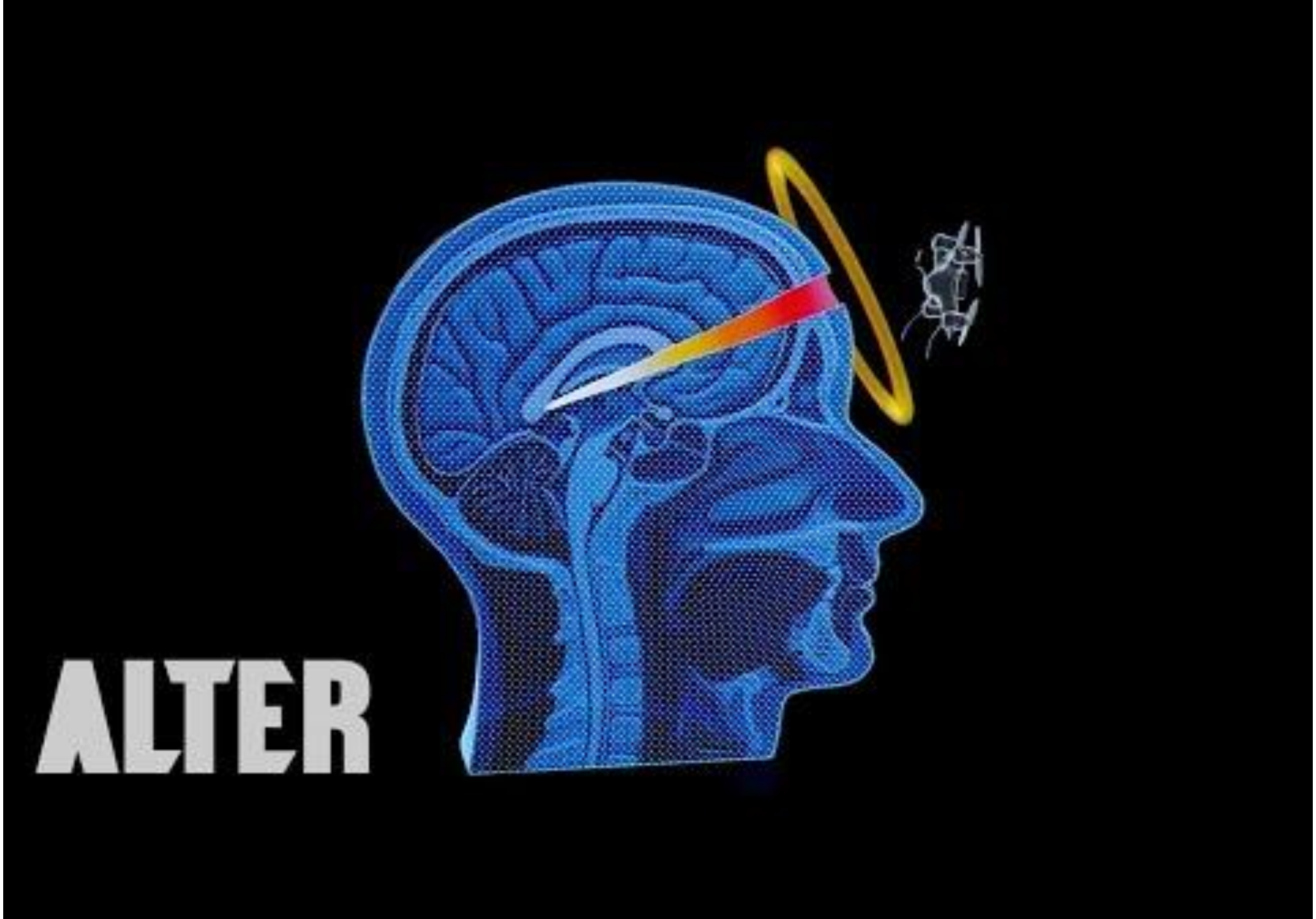
"If you want a second opinion, I'll ask my computer."

Fonte: https://bit.ly/2S1rref



Dream

@WaelAlrashed


ALTER

Venture Scanner Sector Maps

Our sector maps are snapshots of our emerging technology research areas. We show the categories that make up a sector and a random sampling of the startups that are innovating in each category.

In this post we share our most up-to-date sector maps. They are all available for download.

3D Printing: Download PDF

https://www.venturescanner.com/2020/08/13/q3-2020-venture-scanner-sector-maps/

Obrigado!

tvieira@ic.ufal.br