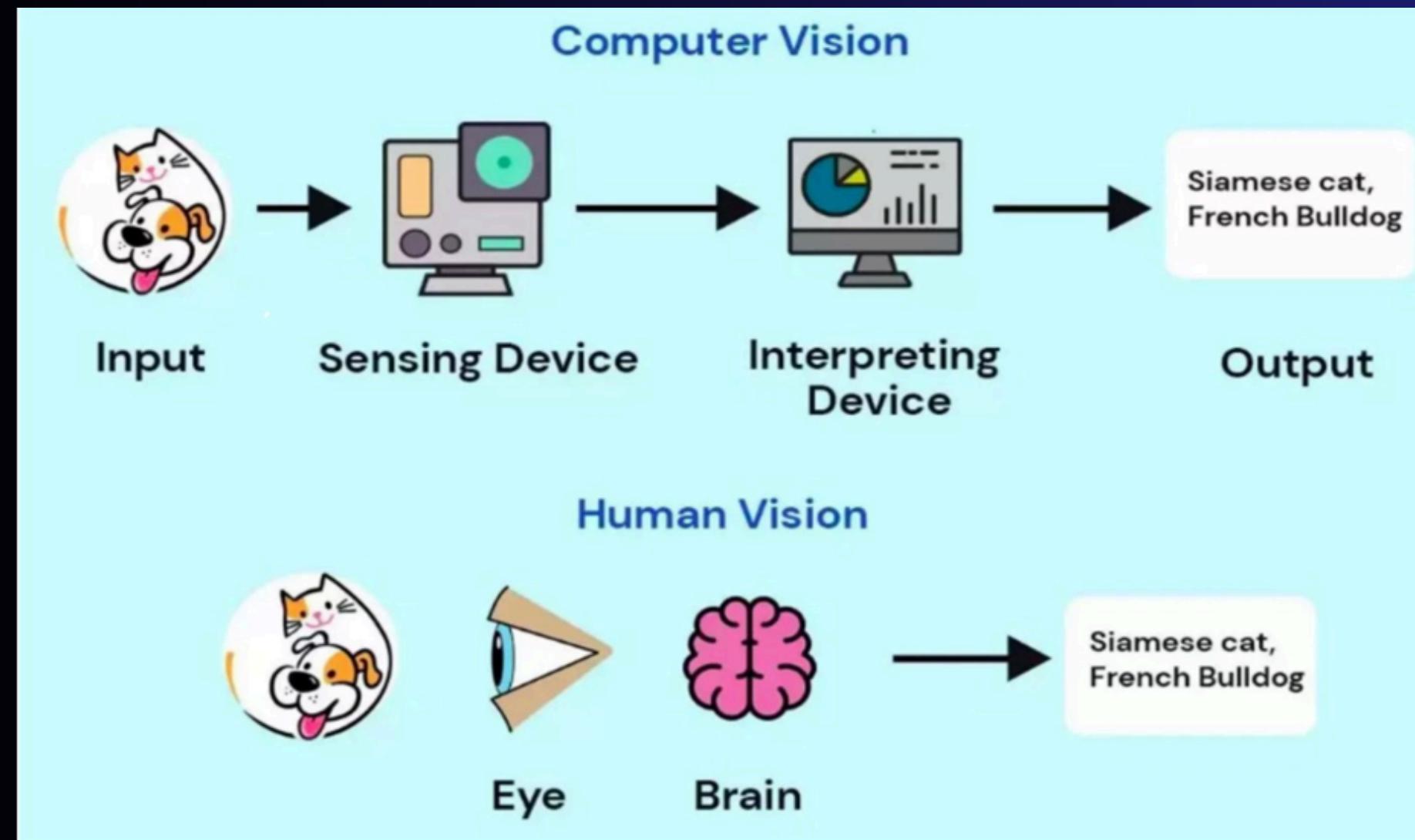


COMPUTER VISION

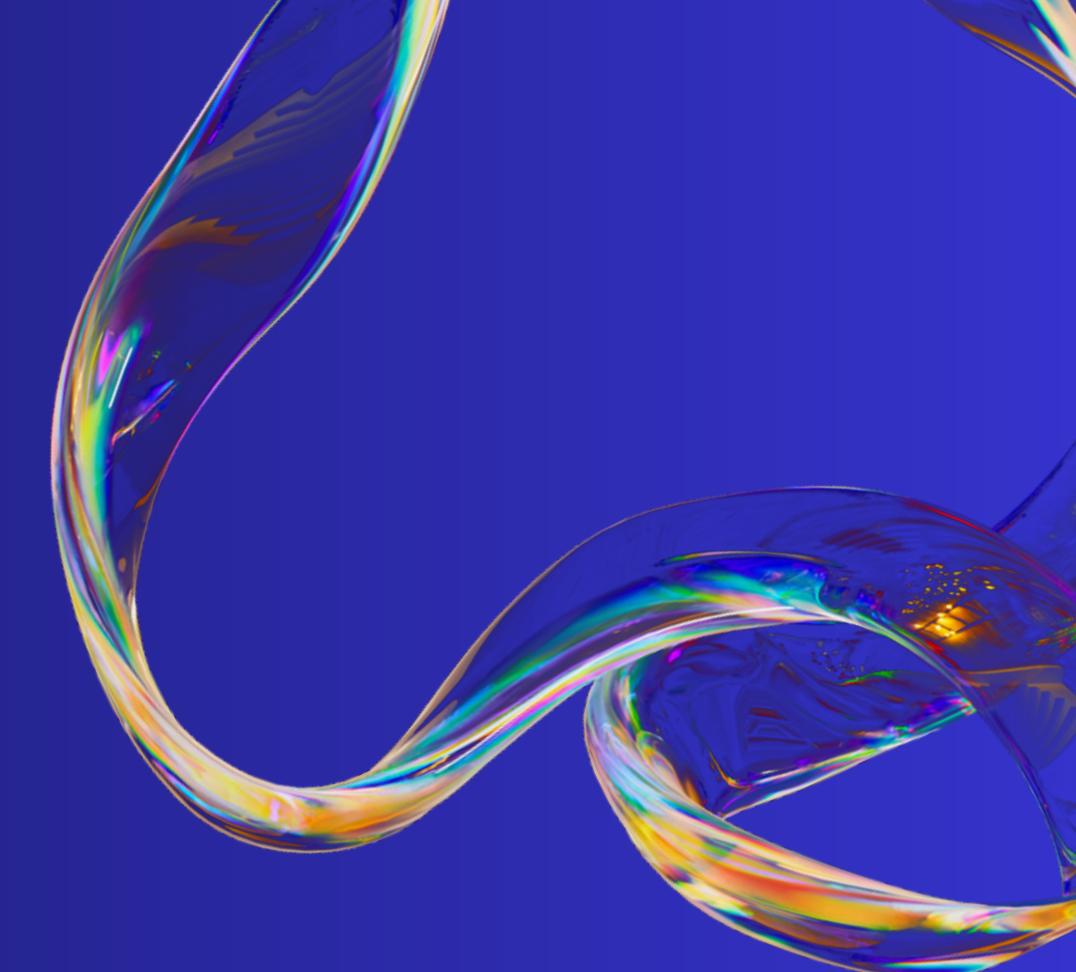
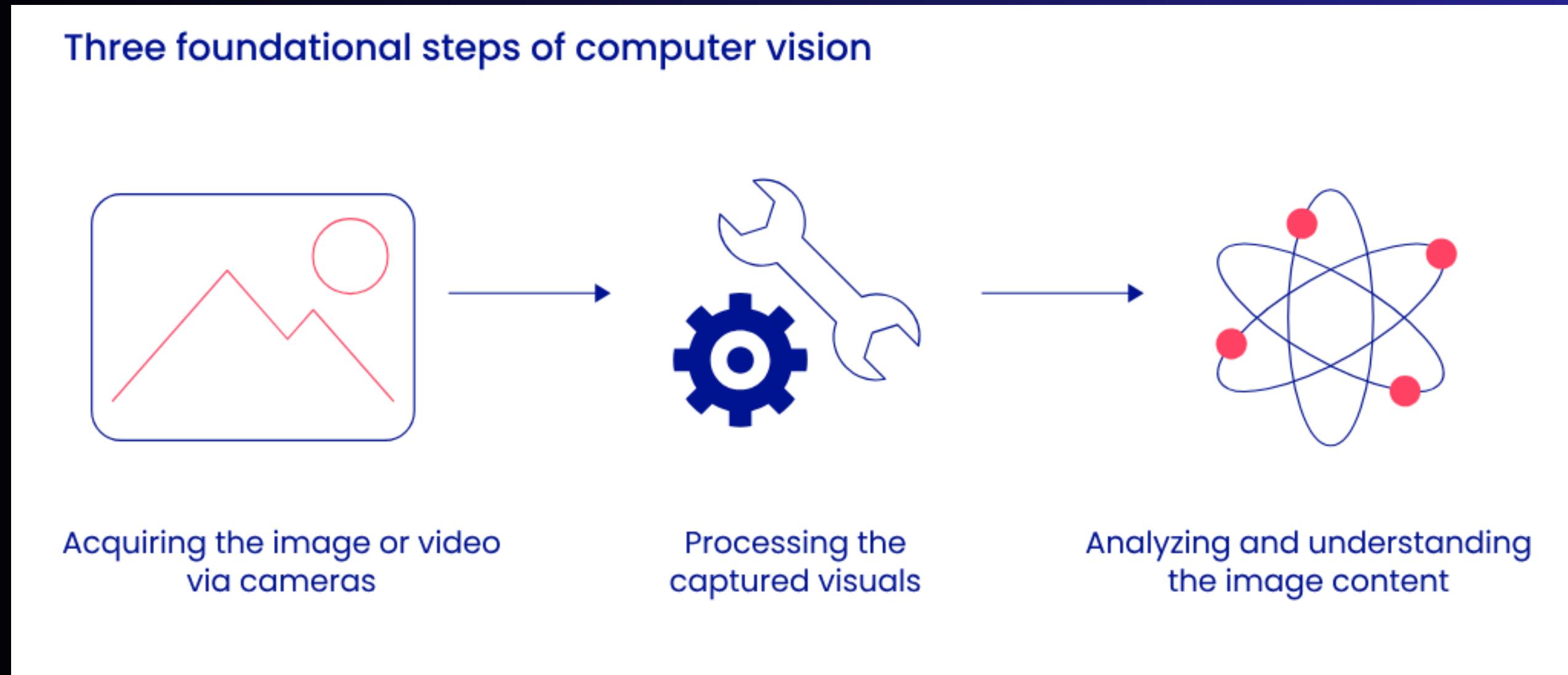
INCEPTION 
For Future

WHAT IS COMPUTER VISION?

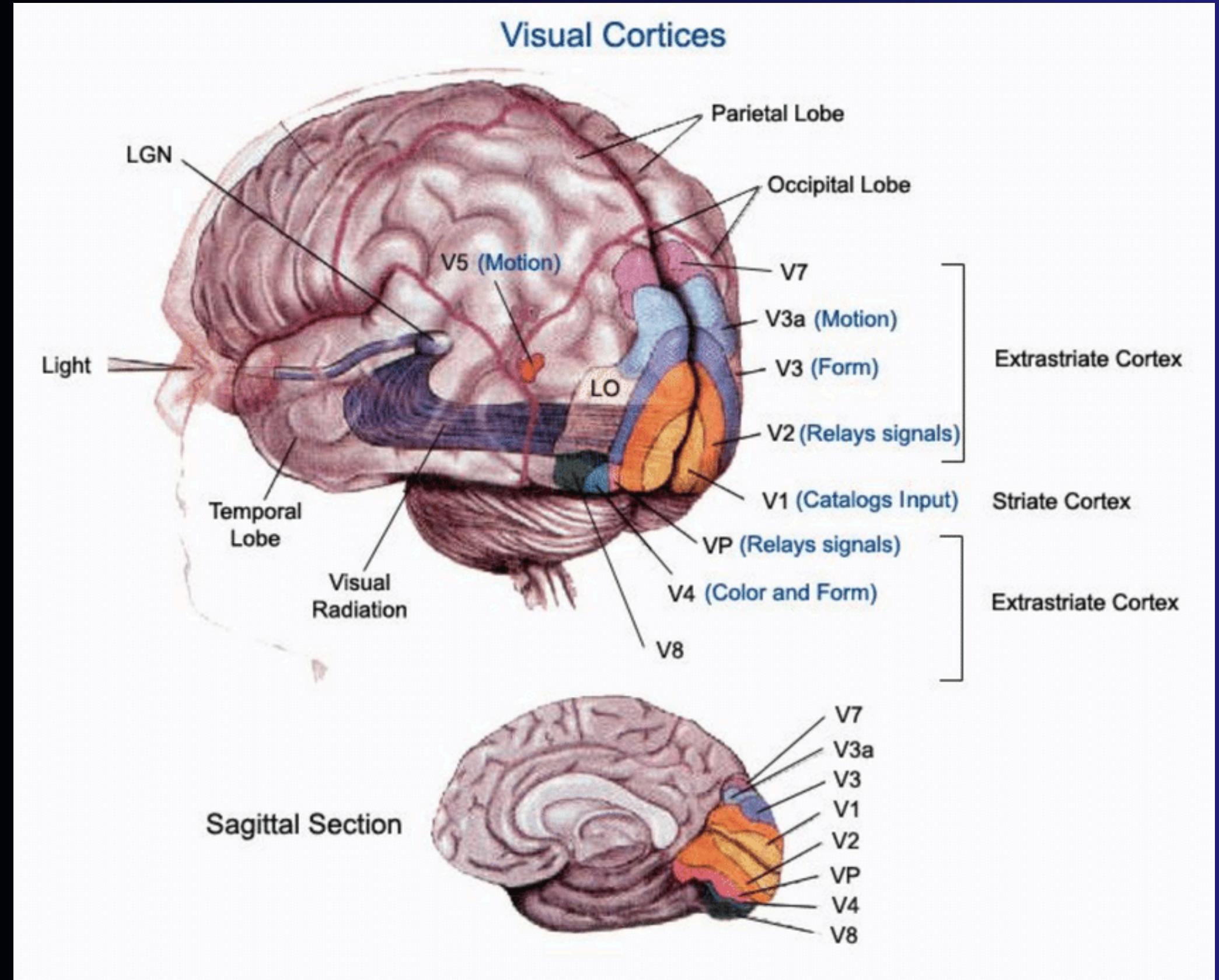
It enables a machine or a computer to have a vision system close to humans.



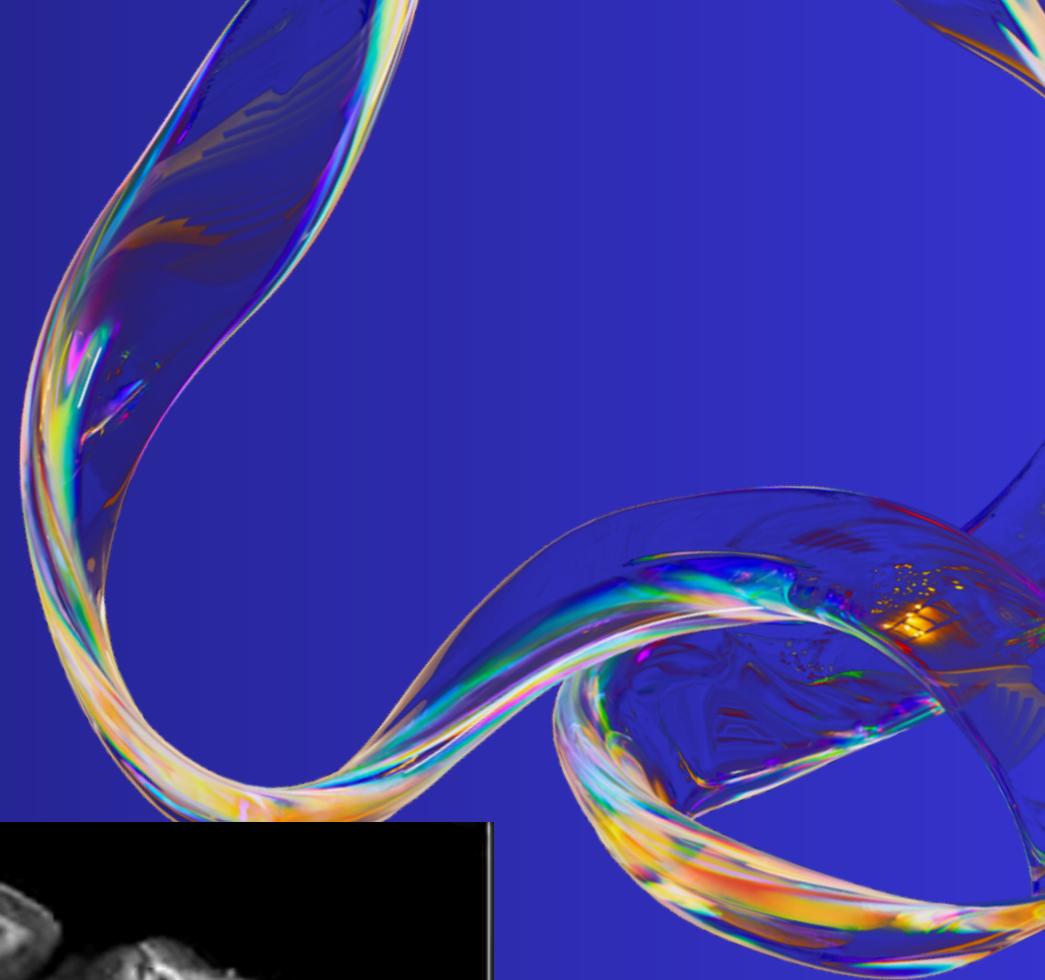
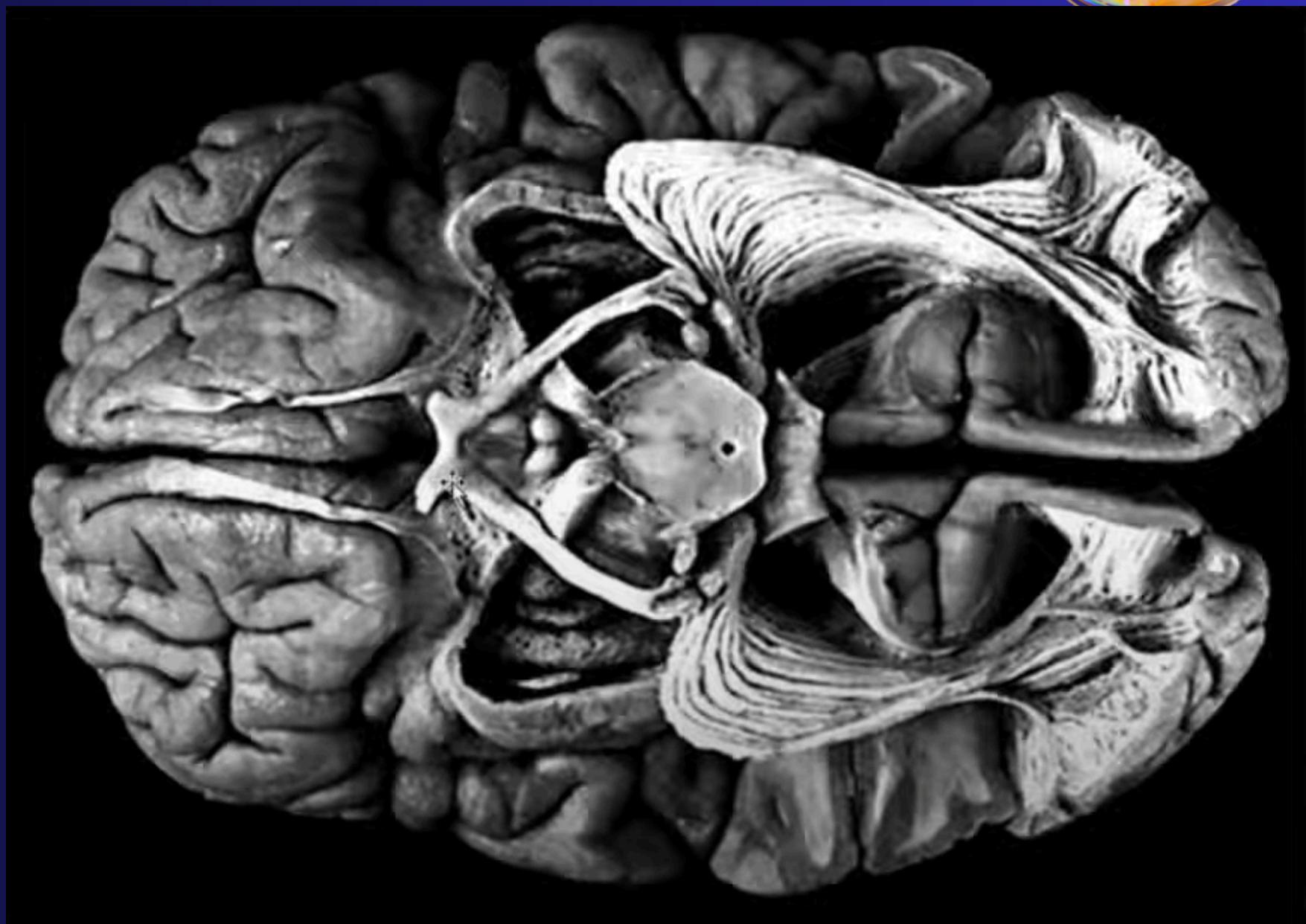
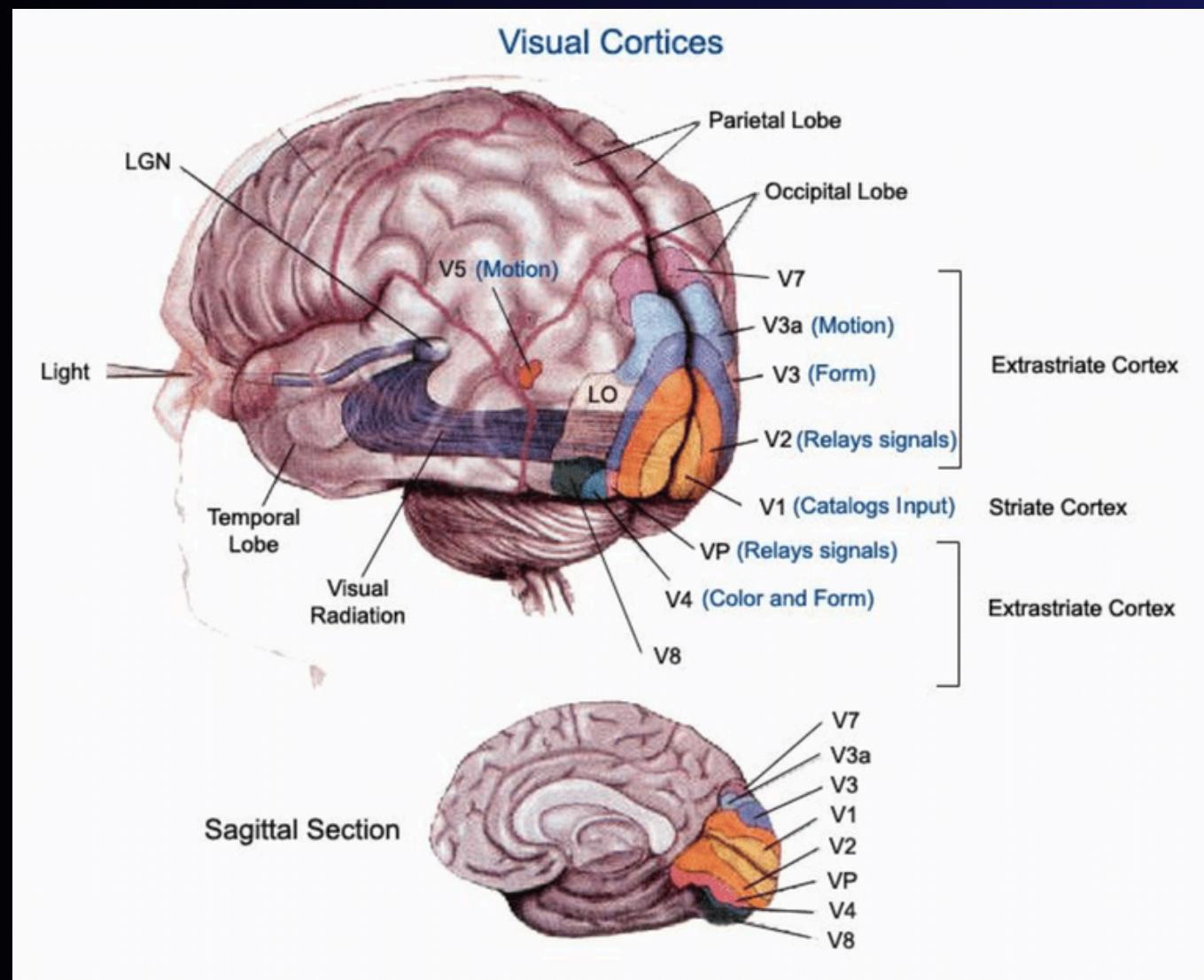
WHAT IS COMPUTER VISION?



CNN VS HUMAN VISUAL CORTEX



CNN VS HUMAN VISUAL CORTEX

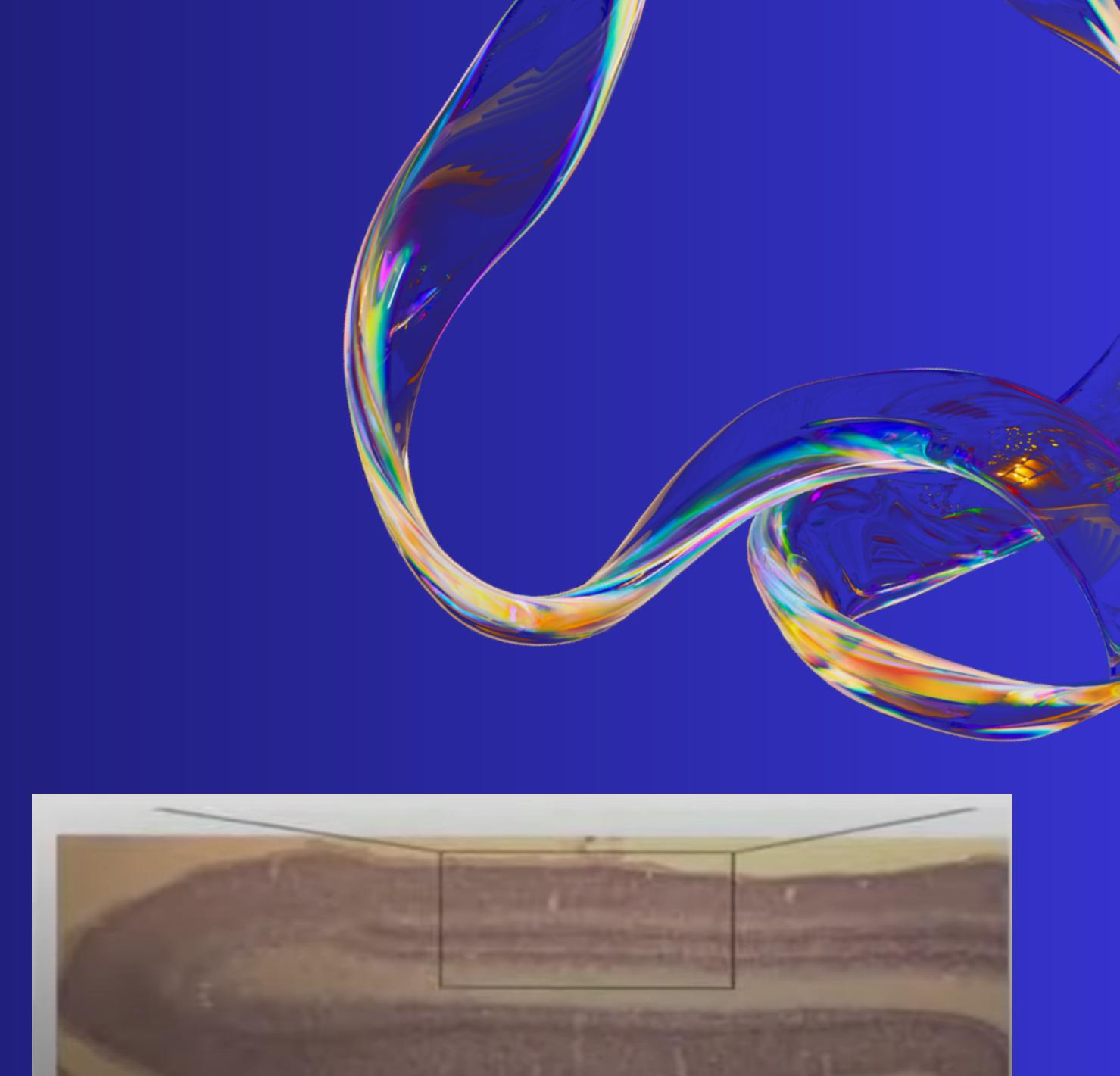
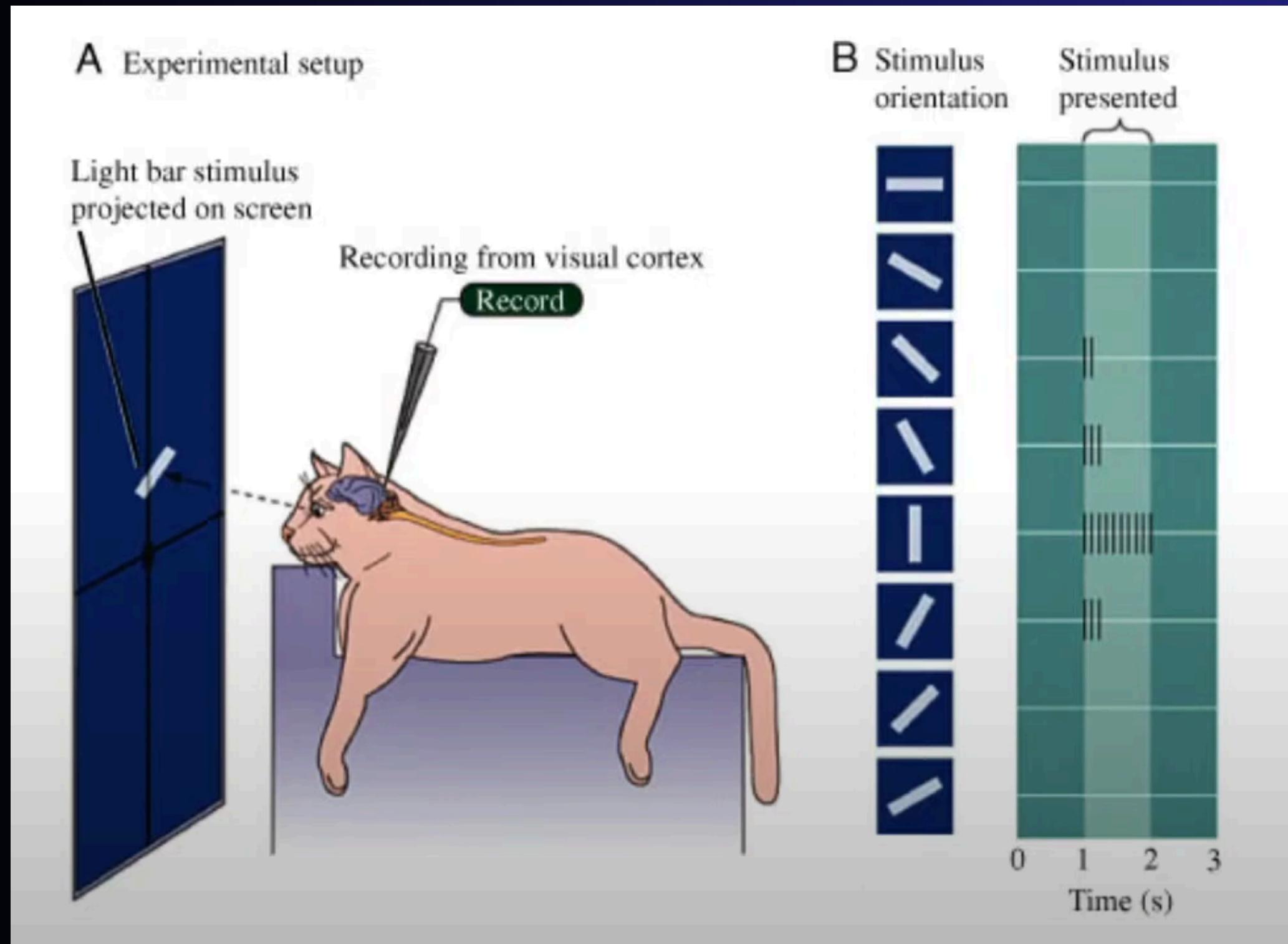


HUBEL & WIESEL: CAT EXPERIMENT

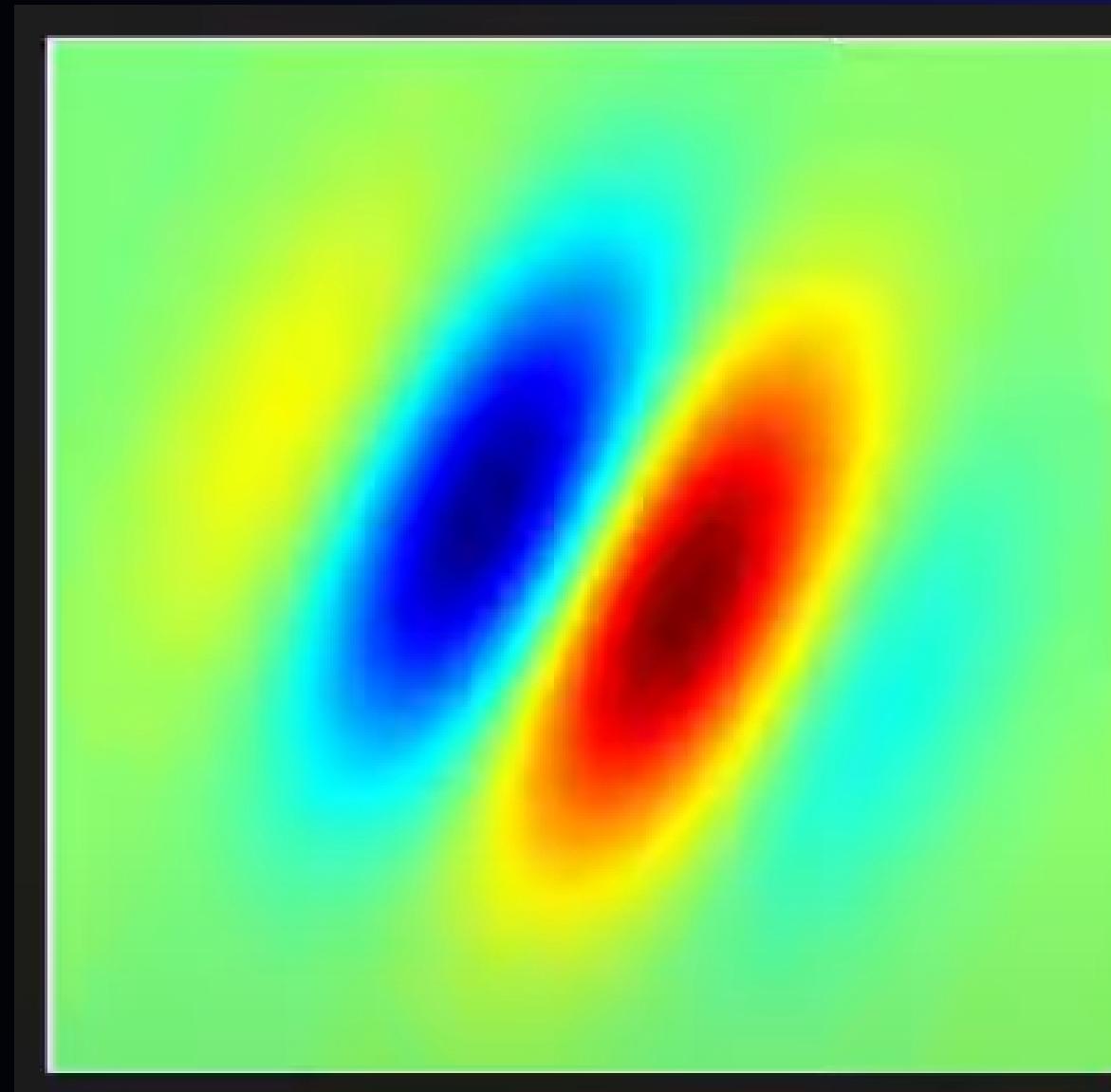
[Video Link](#)



HUBEL & WIESEL: CAT EXPERIMENT



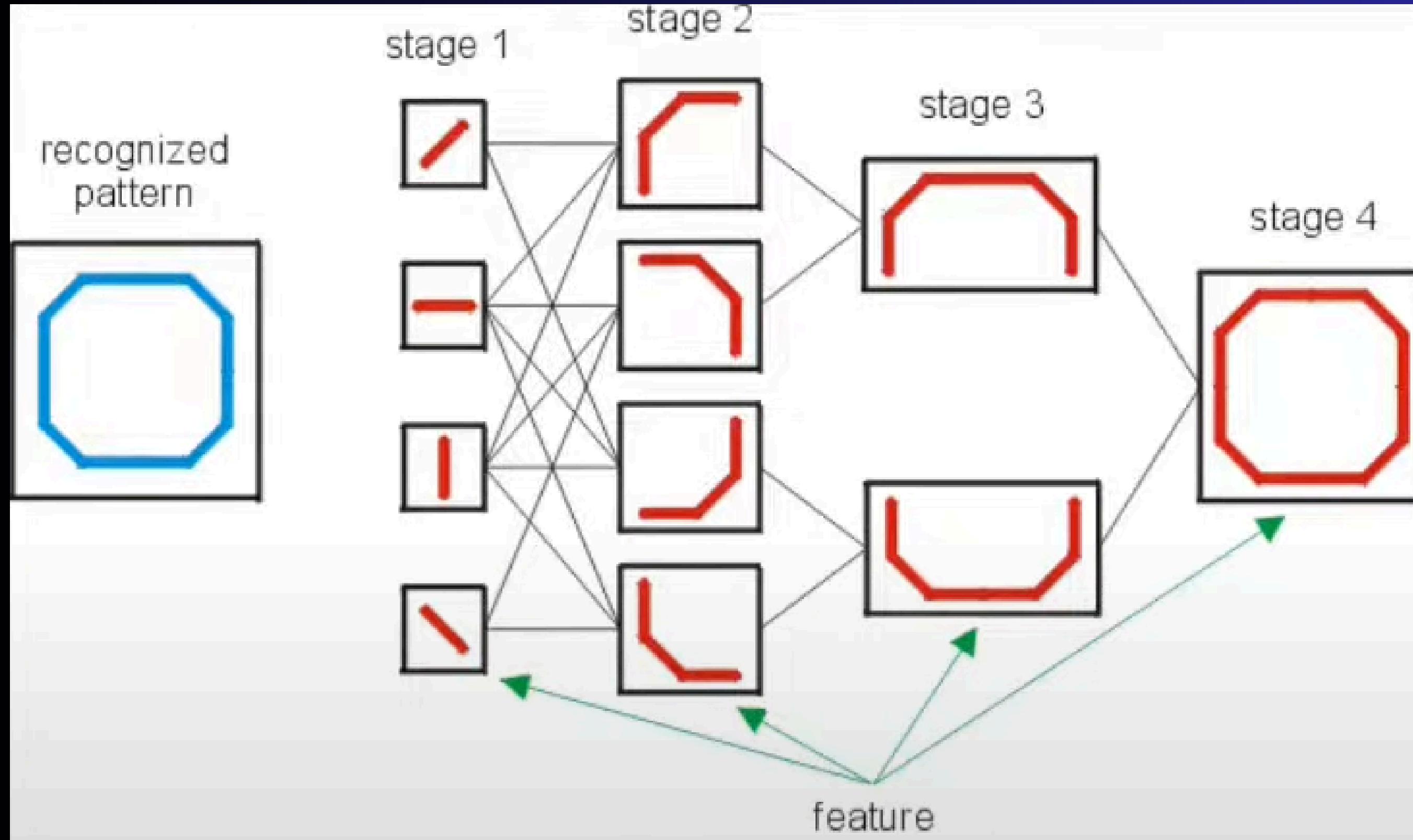
HUBEL & WIESEL: CAT EXPERIMENT

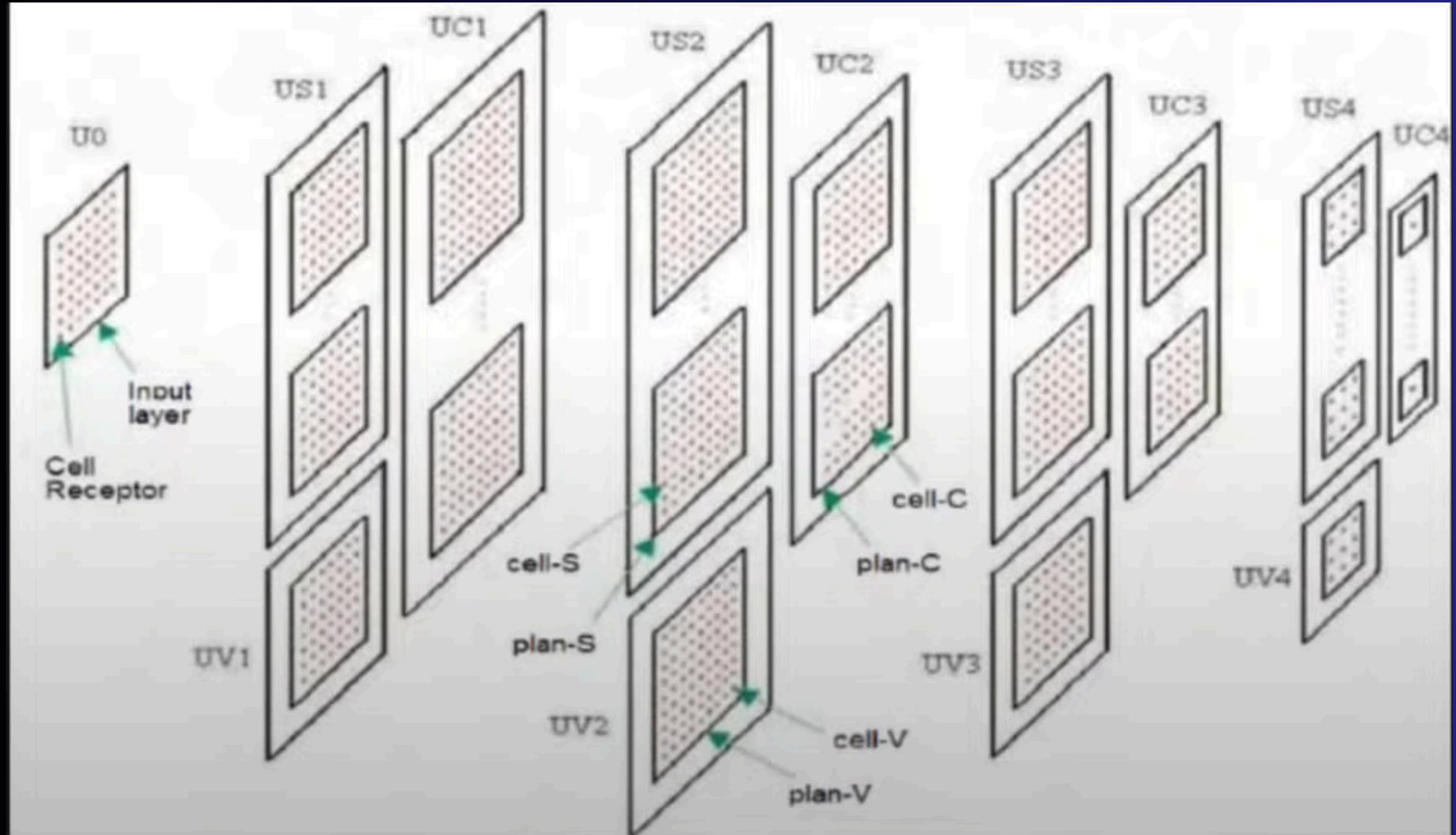


- Simple Cell
- Complex Cell



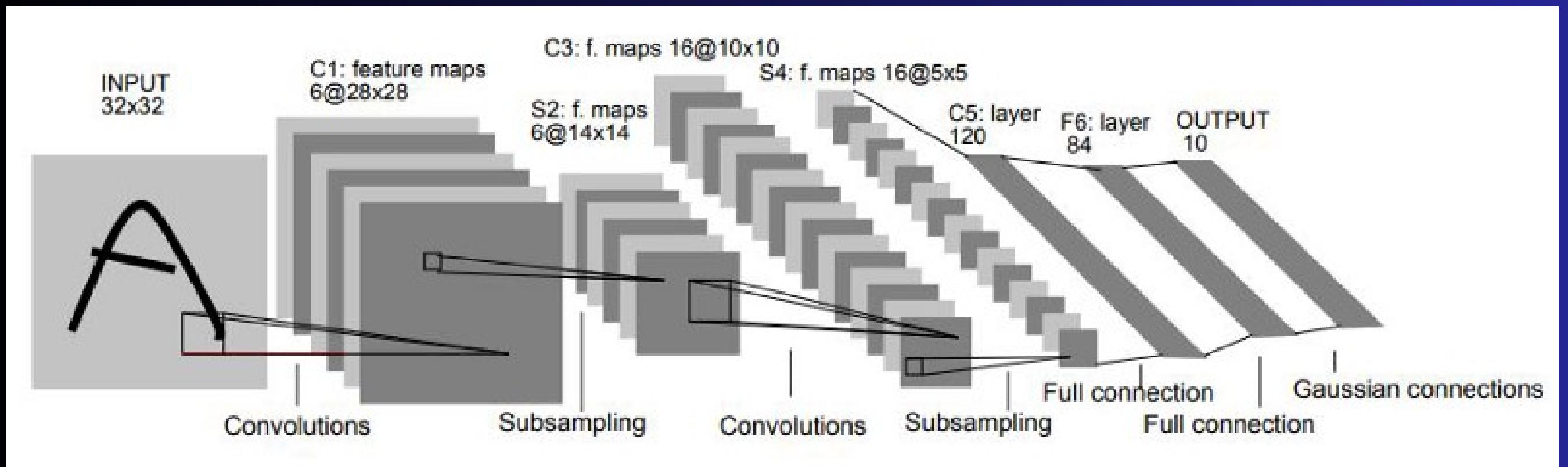
OUTCOME:





The neocognitron is a hierarchical, multilayered artificial neural network proposed by Kunihiko Fukushima in 1979.





Lenet-5 is one of the earliest pre-trained models proposed by Yann LeCun and others in the year 1998, in the research paper [Gradient-Based Learning Applied to Document Recognition](#). They used this architecture for recognizing the handwritten and machine-printed characters.