EE-559 – Deep learning

1.3. What is really happening?
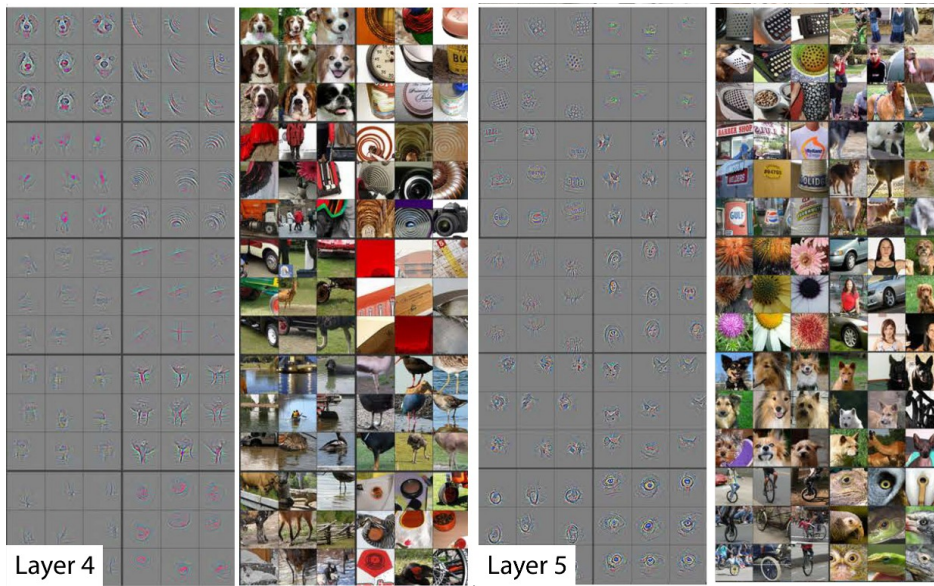
François Fleuret
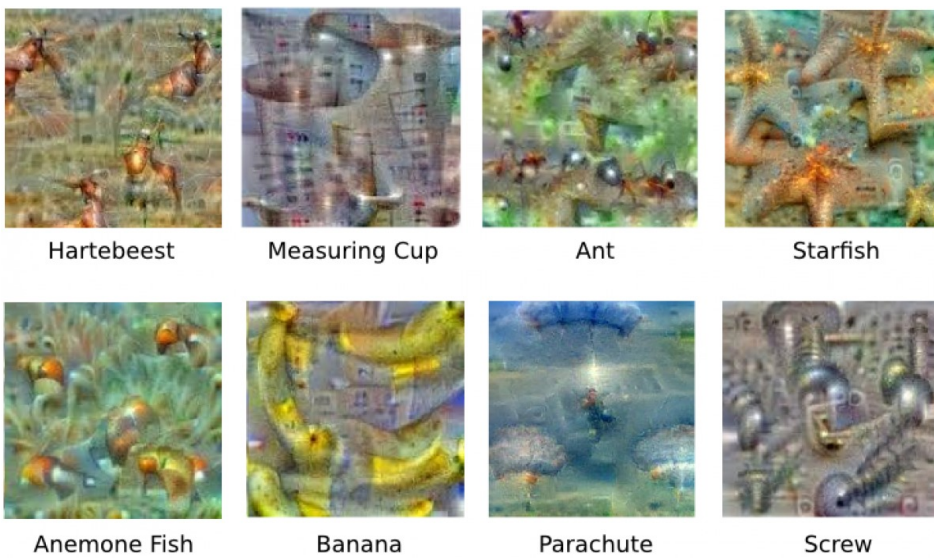
https://fleuret.org/ee559/

Tue Feb 19 14:19:41 UTC 2019

(Zeiler and Fergus, 2014)

Layer 4   Layer 5

(Zeiler and Fergus, 2014)

Hartebeest   Measuring Cup   Ant   Starfish

Anemone Fish   Banana   Parachute   Screw

(Google's Deep Dreams)

Horizon   Trees   Leaves
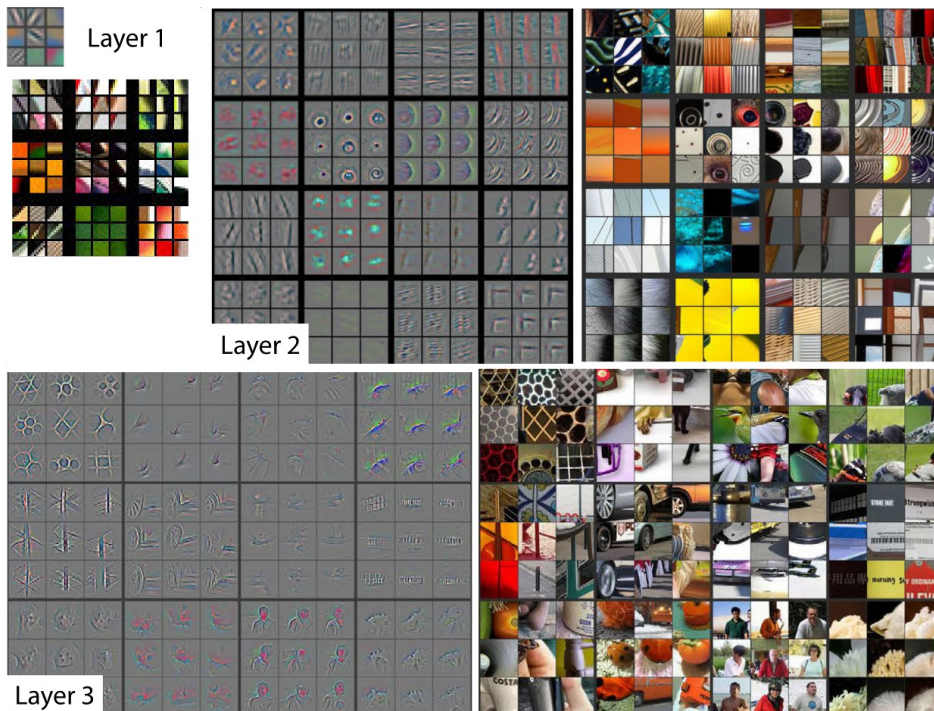
Towers & Pagodas   Buildings   Birds & Insects
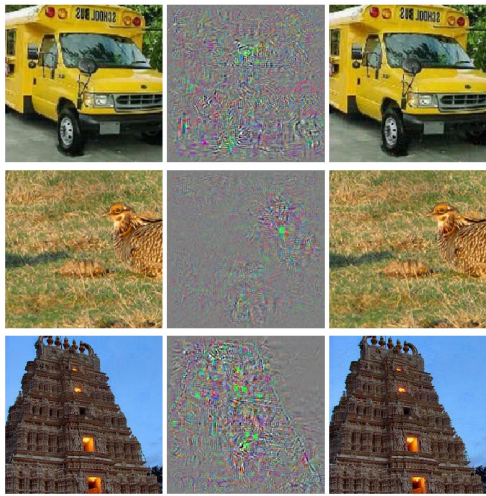
(Google's Deep Dreams)
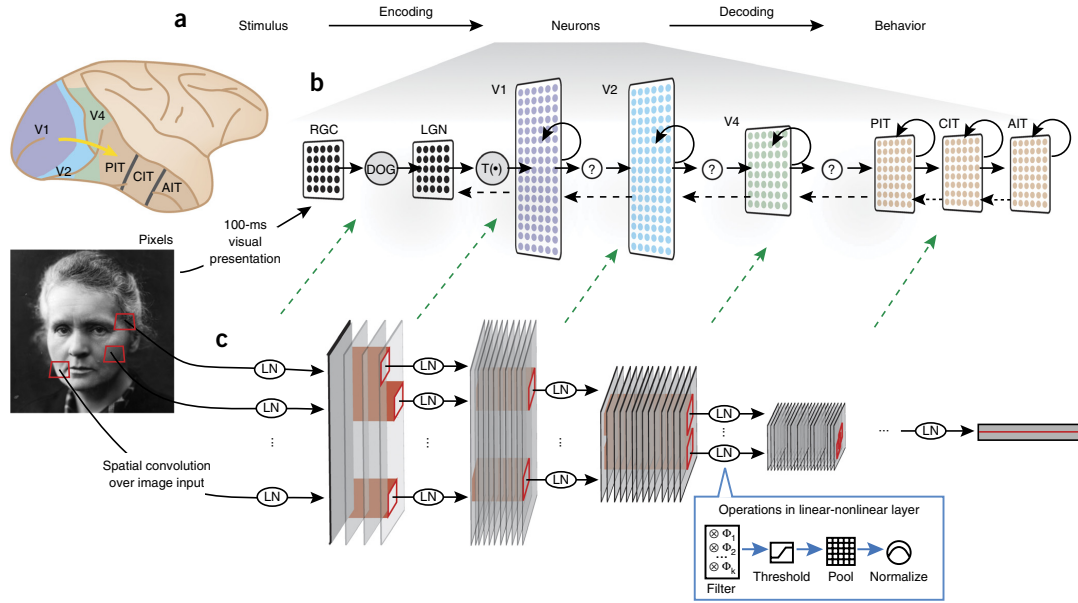
(Thorne Brandt)
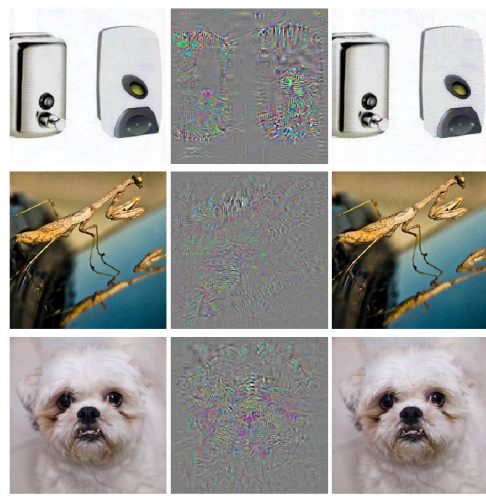
(Szegedy et al., 2014)

Relations with the biology

(Yamins and DiCarlo, 2016)

(Yamins and DiCarlo, 2016)

Number of transistors per CPU/GPU

(Wikipedia "Transistor count")
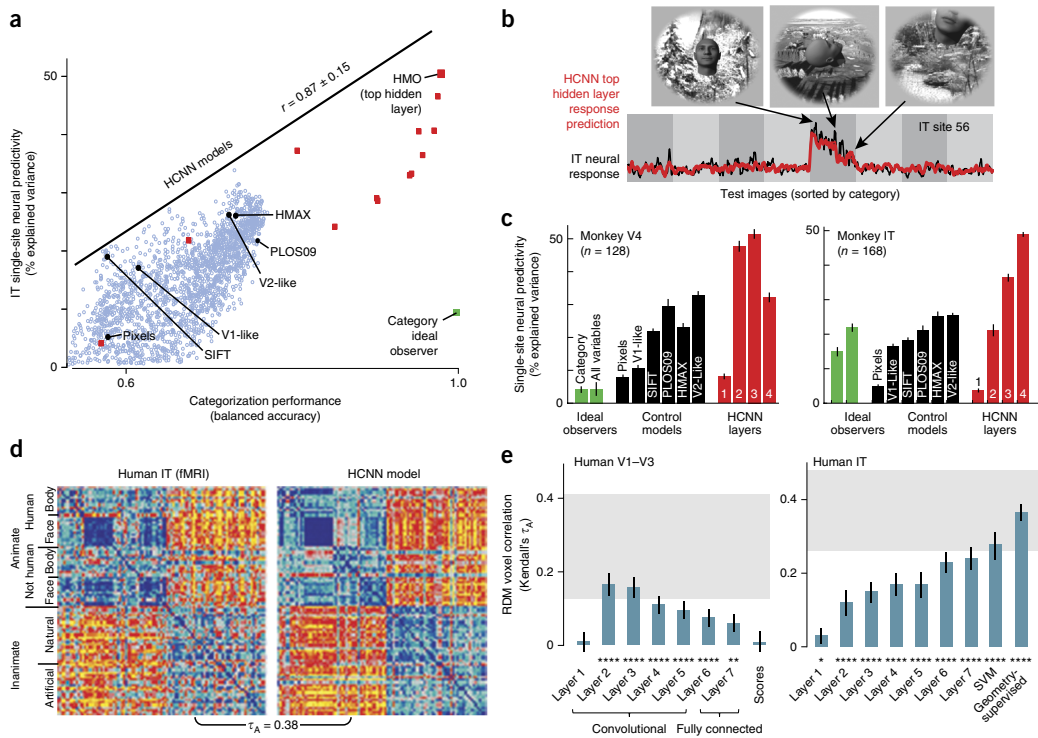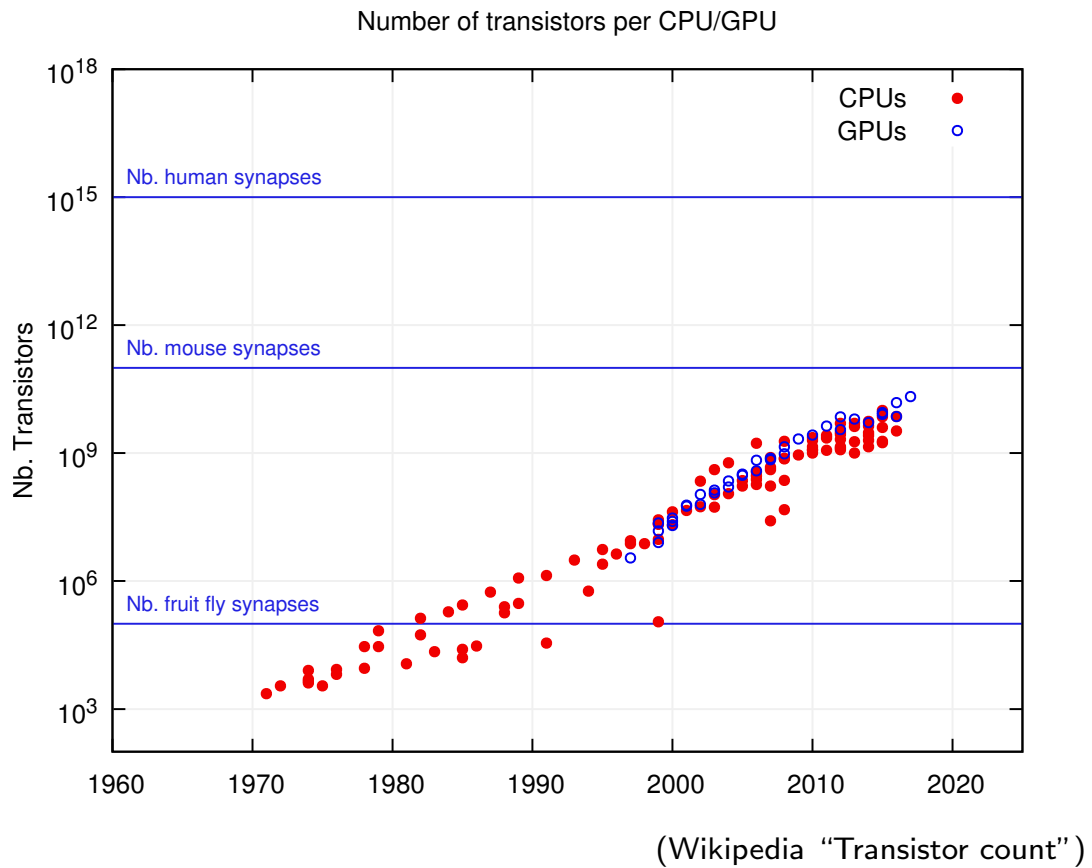
References

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