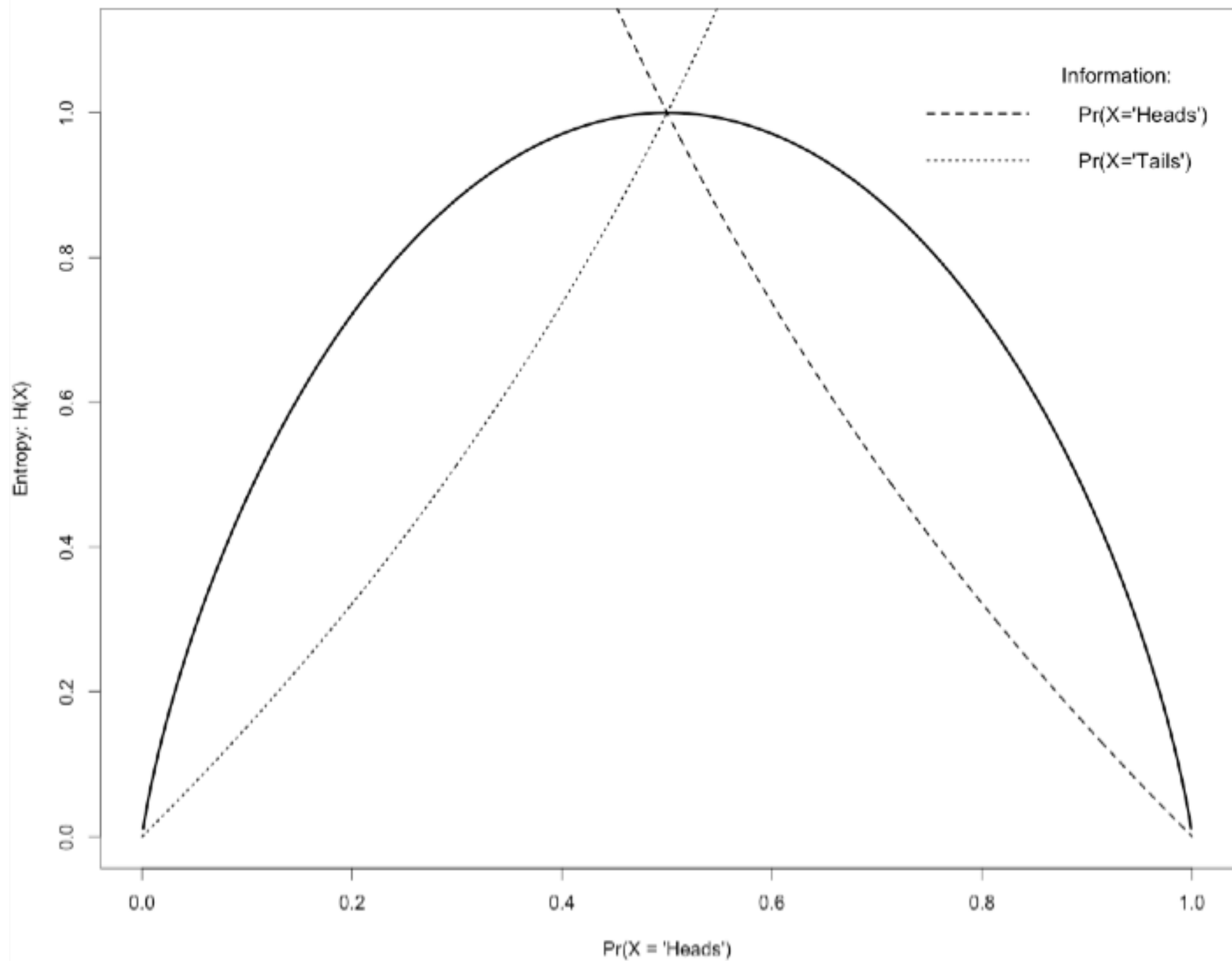




caption





Entropy

Information

Uncertainty

Redundancy

Probability

Symmetry
breaking



4

5

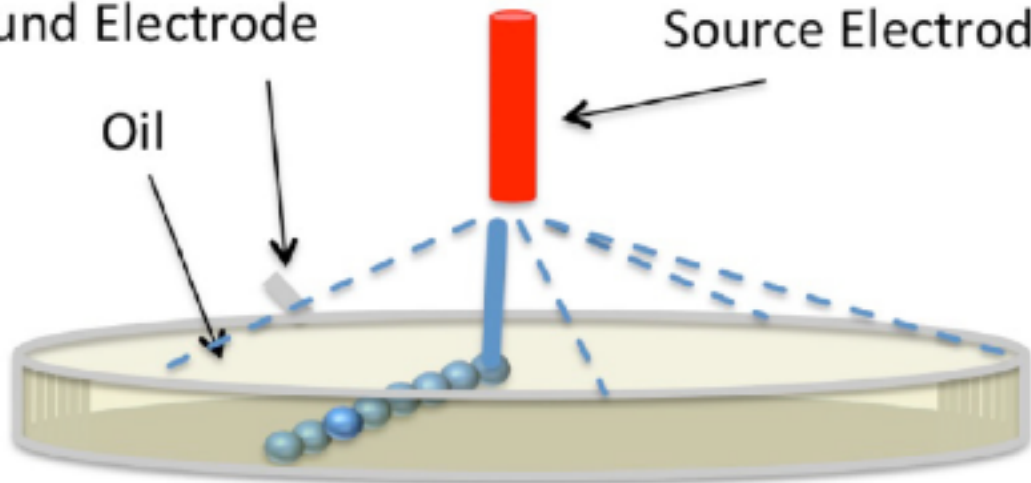
Radboud University Nijmegen



Ground Electrode

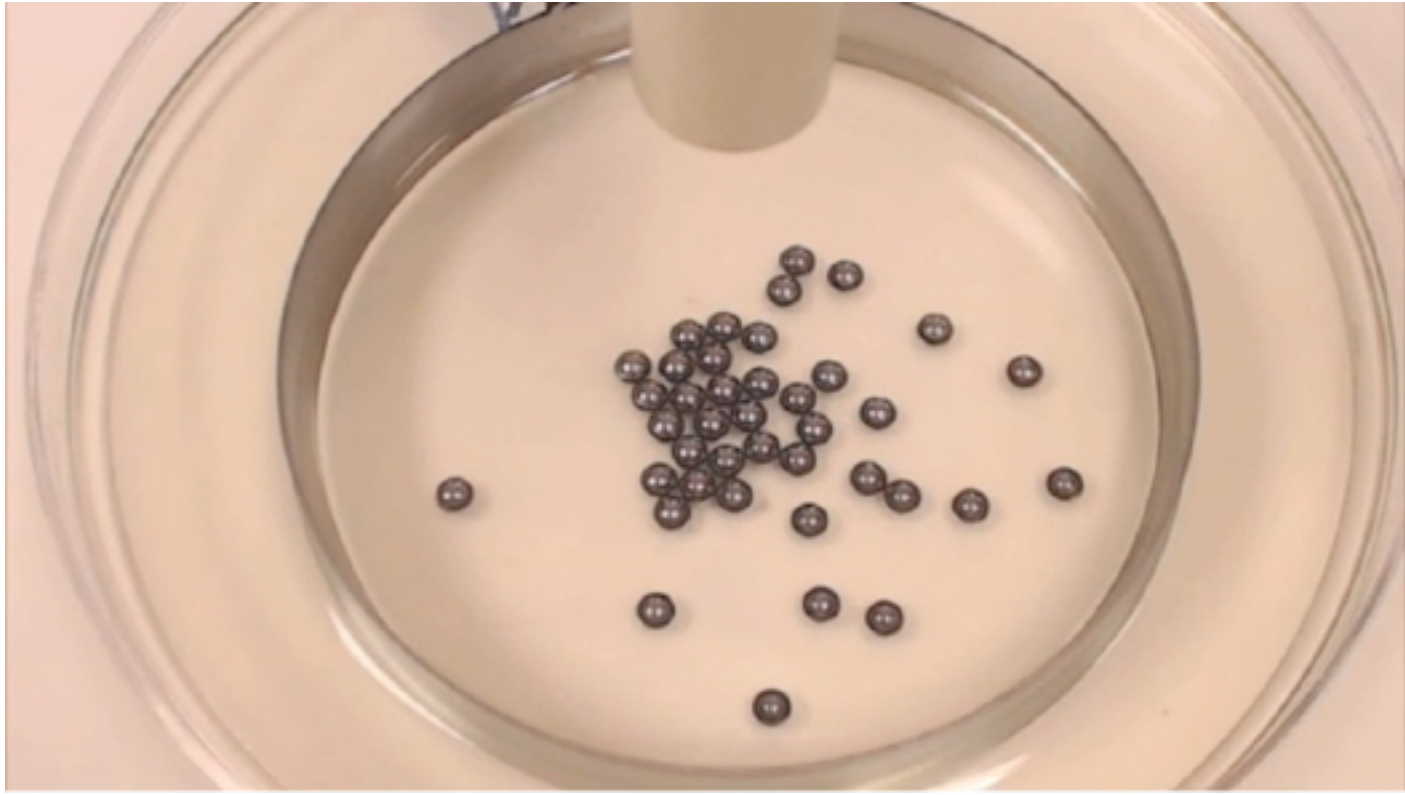
Source Electrode

Oil



Complex behavior (physical) principles & laws (bottom-up)





self-organisation:

Tree formation

Kondepudi D, Kay B, Dixon J. (2017). Dissipative structures, machines, and organisms: A perspective. *Chaos*, 27(10), 104607.