Symmetry provides a Turing-type test for 3D vision.

Zygmunt Pizlo's magical 4th principle: do robots have a mind?

Color perception: is your red my red? How can we be sure?

Mental, physical, biological.

Conservation of shape, conservation of energy, conservation of laws, least action, physics, least action, energy, conservation, symmetry.

Light refraction, minimize the time of travel.

Problem solving, chess.

Simplicity: for every symmetry, there is a conservation.

Singularity: smarter in ways we can't comprehend.

What is intelligence? Why are we the smart ones?

Singularity: makes up for intelligence.

Perception: 3D.

Language: abstract thinking.

Physical laws, least action.