



The Arrow of Evolution

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AGROUP
Local Solution, Global Experience

 **HRB Portal**

A wide-angle photograph of a bustling city street at night, likely in Japan. The street is filled with a large crowd of pedestrians crossing a zebra crossing. In the background, several tall buildings are visible, adorned with numerous large, brightly lit digital billboards and advertisements. One prominent billboard on the left shows a man's face and the text "WINNER 9.10 Debut!!". Another billboard on the right features a man in a field with the text "ONE". A red H&M sign is visible on a building in the upper center. The overall atmosphere is one of a modern, technologically advanced urban environment.

Technology Development

inevitably speeds up

the END of Human Civilization

Functionality Era

Motto: I CAN do it

People: skilled & trained
Technology: functional

Usability Era

Motto: I can do it
in a NICE way

People: advanced soft skills
Technology: convenient and pleasant

Shared economies Era

Motto: I can do it
cost-EFFECTIVELY

People: services & freelancers
Technology: Uberization

Big Data & AI Era

Motto: I can do it
BETTER than humans



People: “ordinary” staff & AI cohort
Technology: Who’s onboard / fired ?

Illusion & multiple realities Era

Motto: I can do it in multiple realities



People: objective or subjective reality
Technology: illusions

A photograph of a family in a bright, modern living room. In the background, a man with a beard sits in a patterned armchair, looking at a tablet. In the foreground, a woman with dark hair lies on a light-colored sofa, propped up on one elbow and looking towards the camera. A young boy in a blue shirt is lying on the sofa in front of her, looking down. To the left, a vase of red and pink flowers sits on a surface. Large windows in the background let in natural light.

**Equal access
to commonwealth & possibilities**

**Satisfied
basic needs**

ENTROPY

Thermodynamic
equilibrium

“HEAT DEATH”

The Matrix, (1999)

A person wearing a red jacket and dark pants stands on a dark, mossy rock ledge, looking up at a massive, multi-tiered waterfall cascading down a steep, green cliff. The water is captured with a long exposure, creating a soft, white, silky texture. The surrounding rocks are covered in lush green moss and vegetation.

Evolution

A wide-angle shot of a vast desert landscape featuring rolling sand dunes. The dunes are a warm, golden-brown color and are partially covered with patches of light-colored sand. The sky is a clear, pale blue.

No free energy



Statistical mechanics

Humans as Molecules

Apply the 2nd Law of Thermodynamics

Equalize



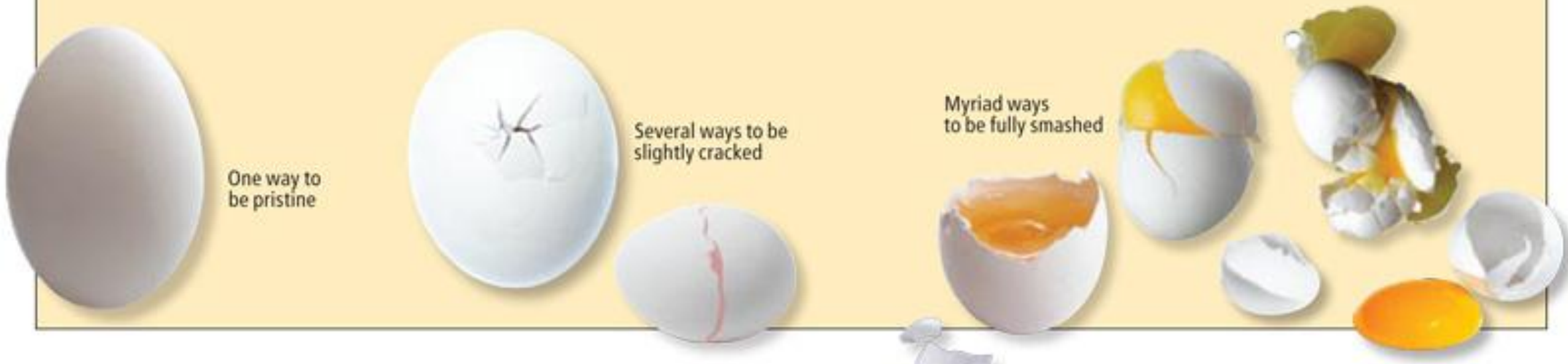
IRREVERSIBILITY

[FROM ORDER TO DISORDER]

ENTROPY IN THE KITCHEN

A raw egg exemplifies the asymmetry of time: a fresh one breaks easily, but a broken one does not spontaneously put itself together again, for

the simple reason that there are more ways to be broken than not. In physics jargon, the broken egg has a higher entropy.



The ARROW of TIME

THE EVOLUTION OF TECHNOLOGY WE TEND TO TREAT AS GOOD,
ACTUALLY ACCELERATES US TO “HEAT DEATH”
& THE **END OF CIVILIZATION***.

*applicable for **CLOSED SYSTEMS ONLY**

EXTERNAL FORCES

