

Cyber Subin by
Pichet Klunchun
Dance Company





Historical/Societal Context around the 1932 Siamese Revolution

Nation Building / World Wars / Global Economic Crisis / Standardization of Arts Education

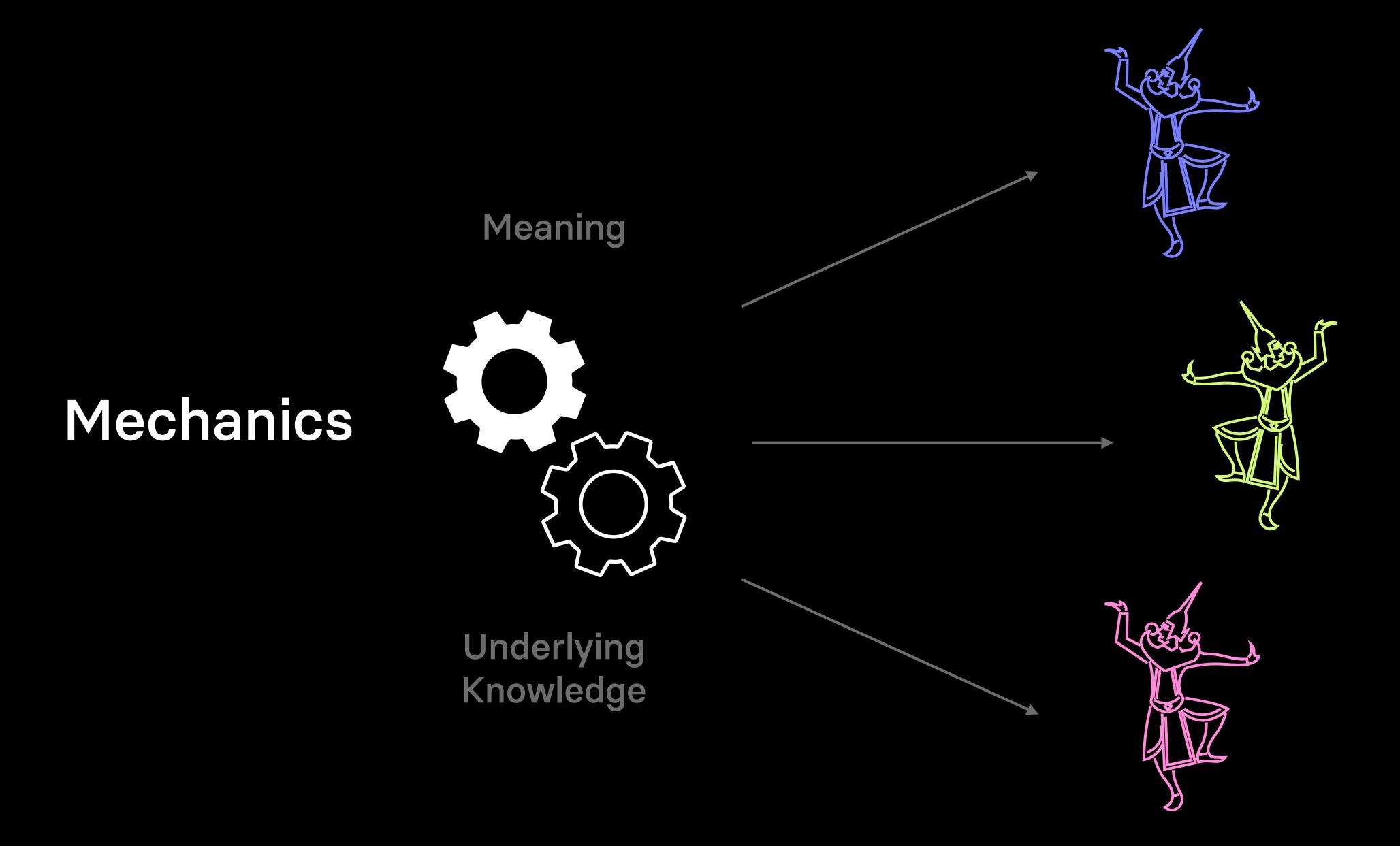
Gradual Loss of Meaning/Underlying Knowledge

From "Dance with your head" to becoming "stereotyped"¹

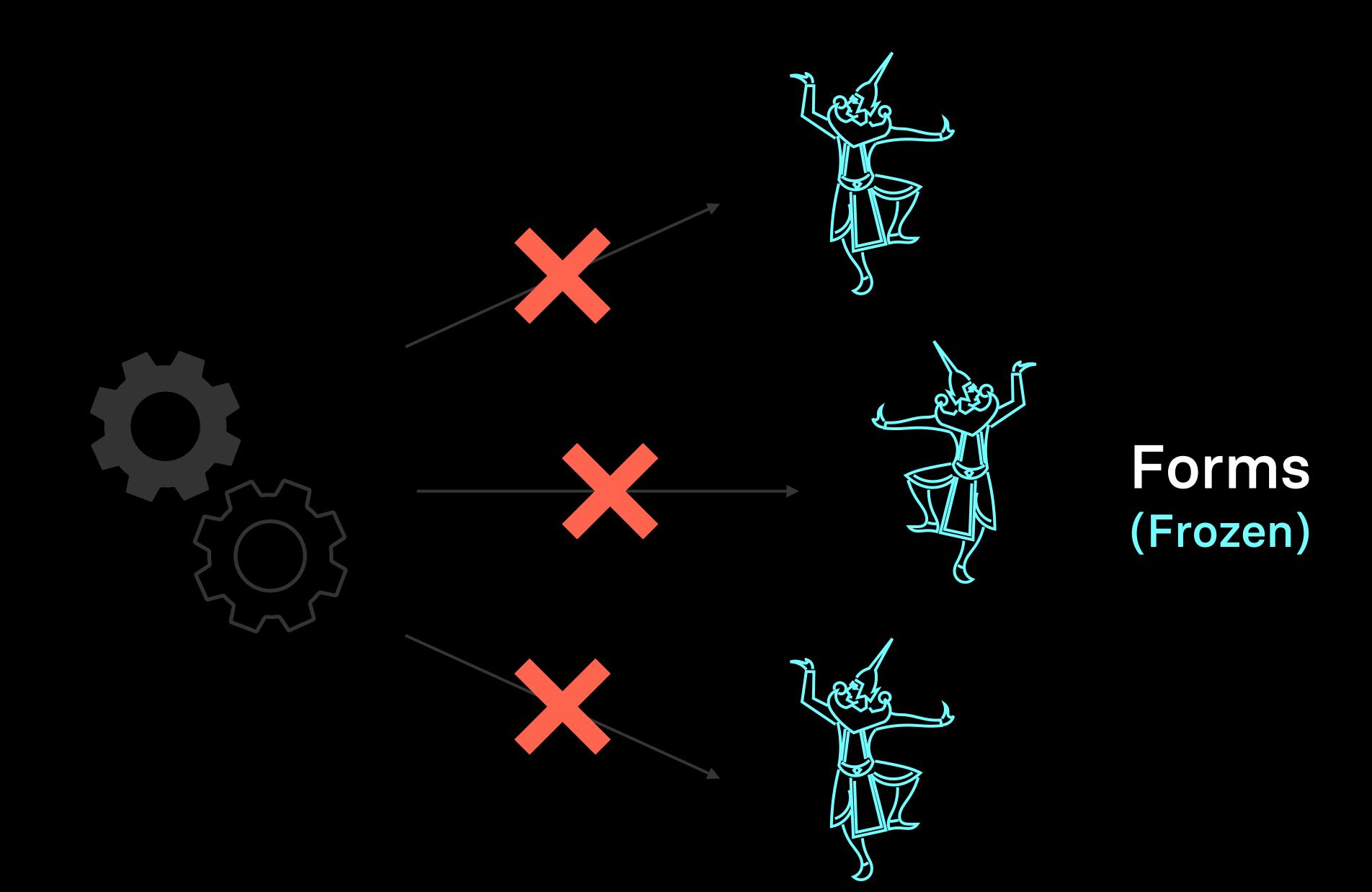
Cultural Stagnation

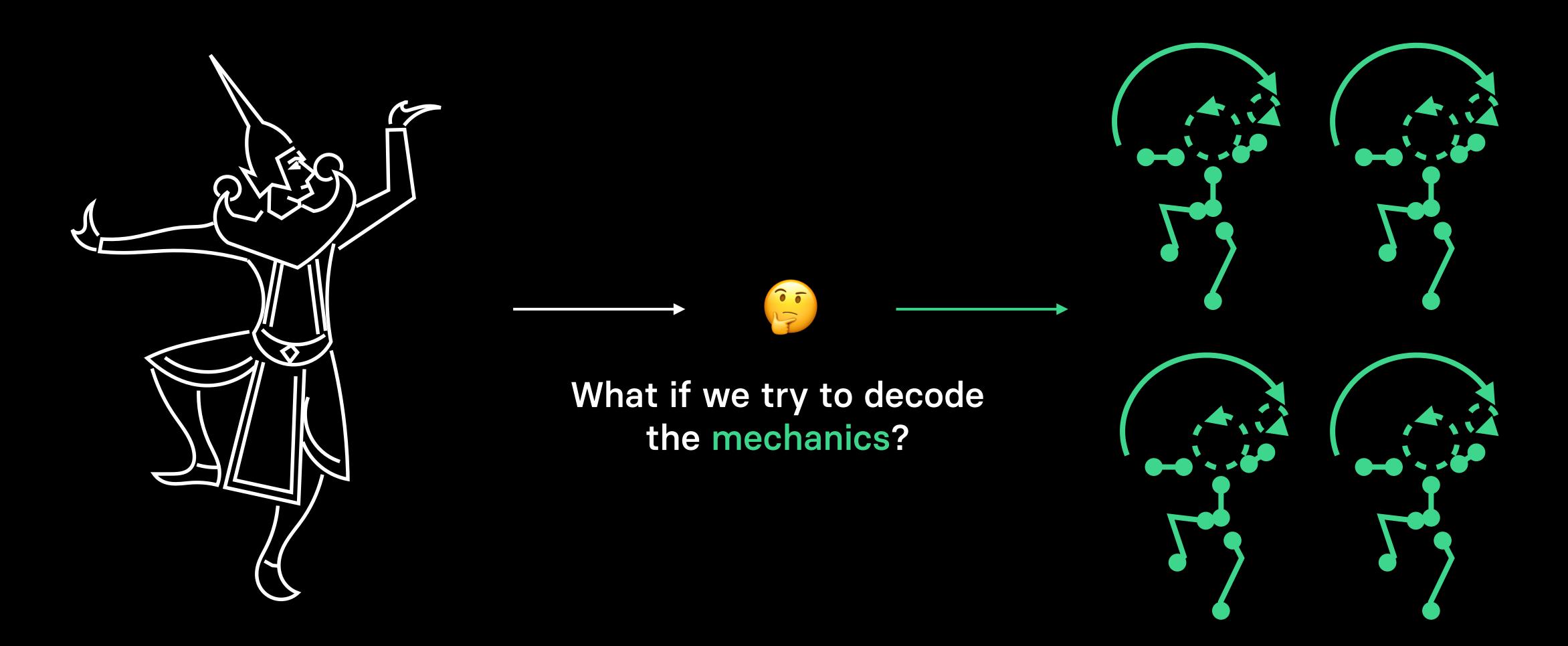
"classical dances or court dances did not undergo a process of evolution after this point [1932 Siamese Revolution]"²

- 1. Dhanit Yupho. 1972. The Preliminary Course of Training in Thai Theatrical Art
- 2. Pawinee Boonserm. 2016. Tradition and Transformation of Thai Classical Dance: Nation, (Re) invention and Pedagogy

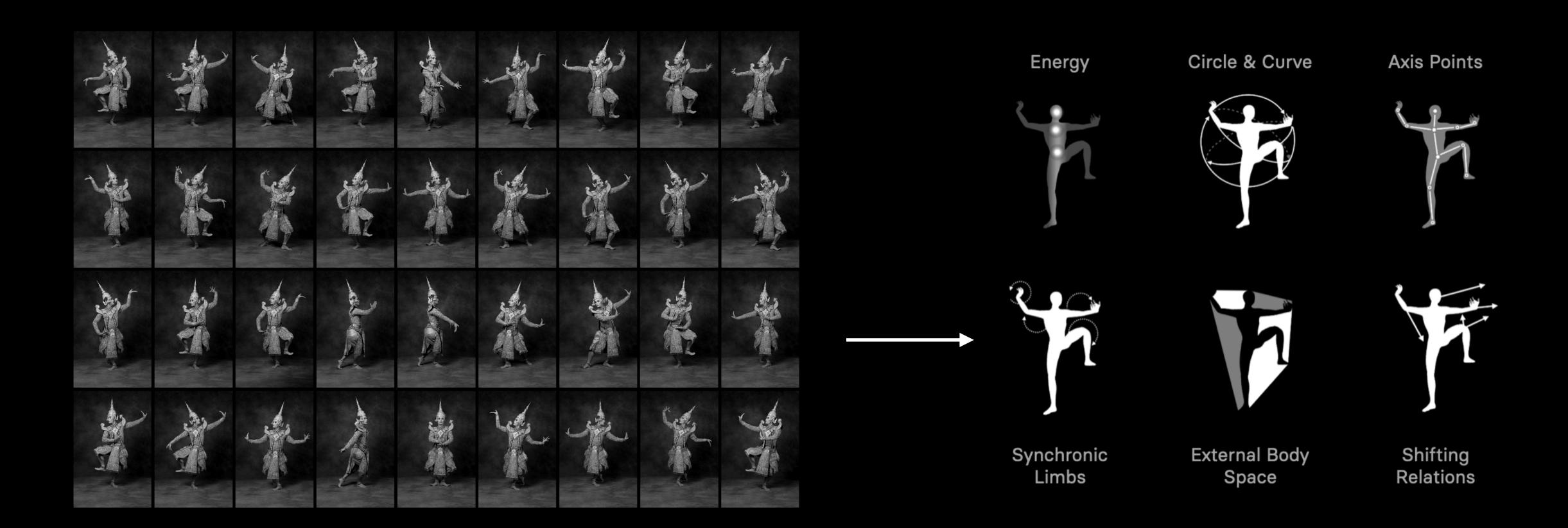


Forms





Forms Mechanics



แม่บทใหญ่ "Mae Bot Yai" (The Greater Fundamentals)

59 dance poses considered as the alphabet of traditional Thai dance

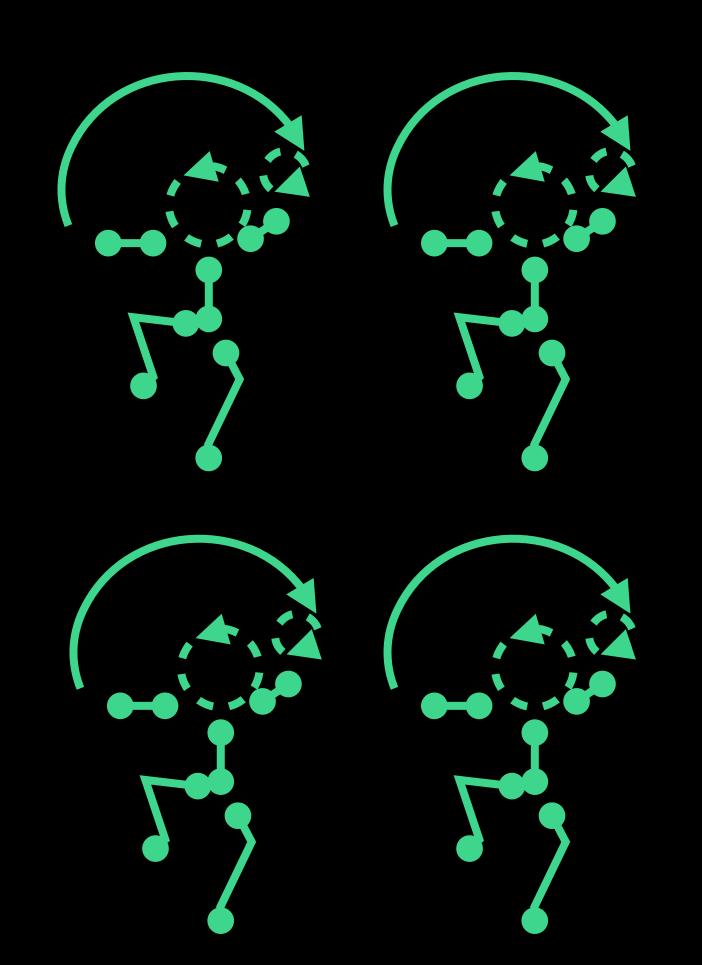
Six Elements Principle

Reinvented principles for traditional Thai dance

No.60 2017



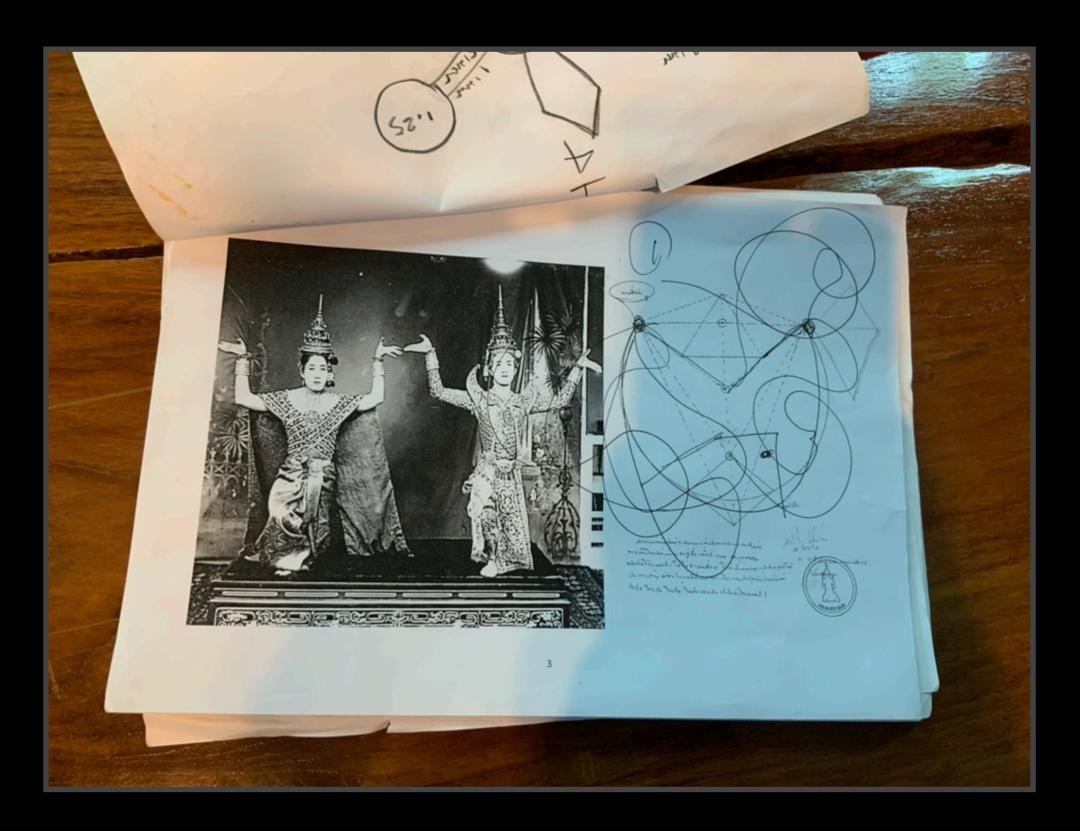
>> Fast forward to around 2021

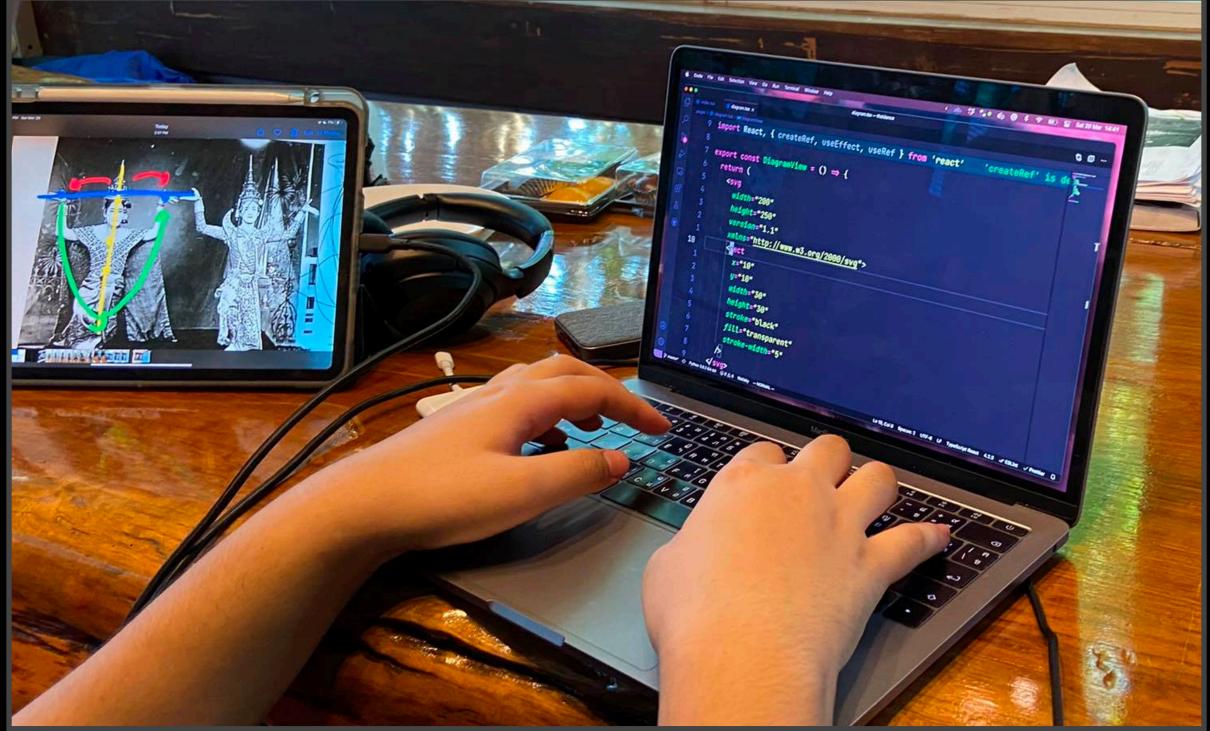


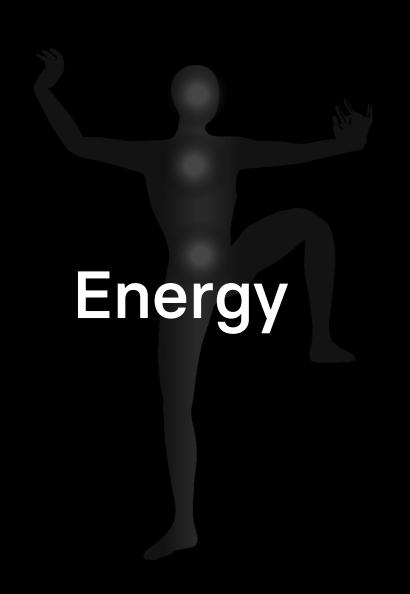


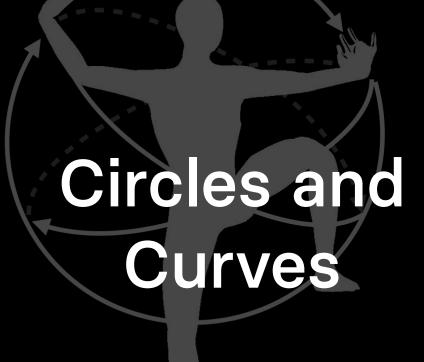
What if we try to encode the mechanics (into a machine)?



















alter speed by scaling

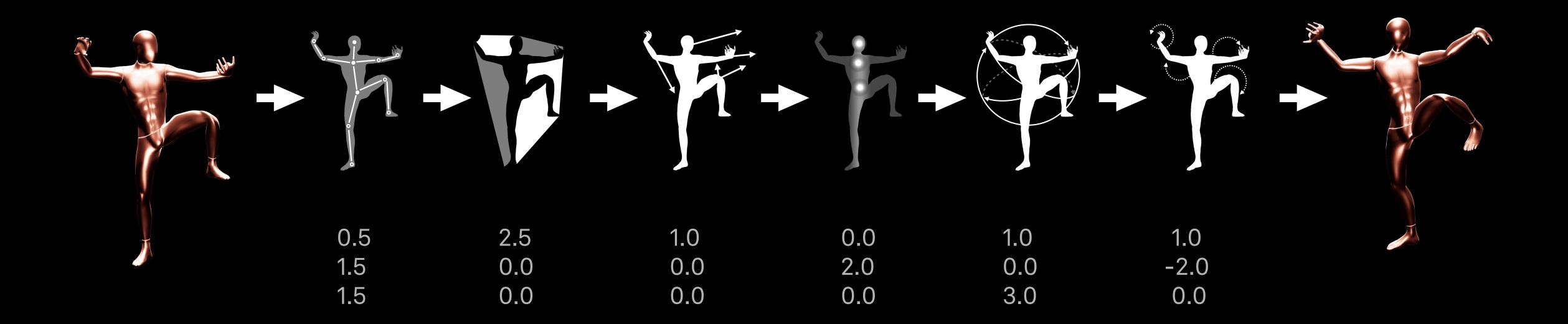
keyframe

inverse kinematics towards point apply math equations e.g. filters

analyze valleys in graph and slow down specific frames synchronize timing between tracks

desynchronize timing between tracks

Six Elements of Dance, Reconstructed via Math Transforms



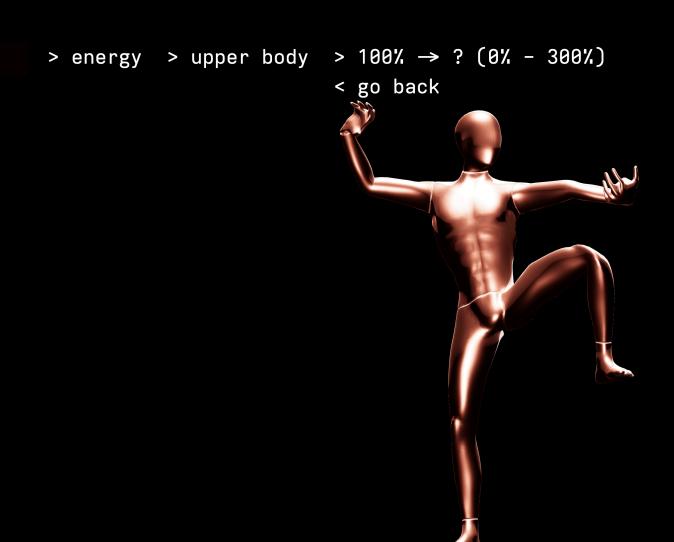
- > energy
- > circle and curve
- > shifting relations
- > external body space
- > rotations
- > reset
- > dance speed
- > dancers



> executed > rotations > y > 50%

\$ energy reset \$ rotations x 50 percent \$ rotations reset
\$ rotations z 50 percent

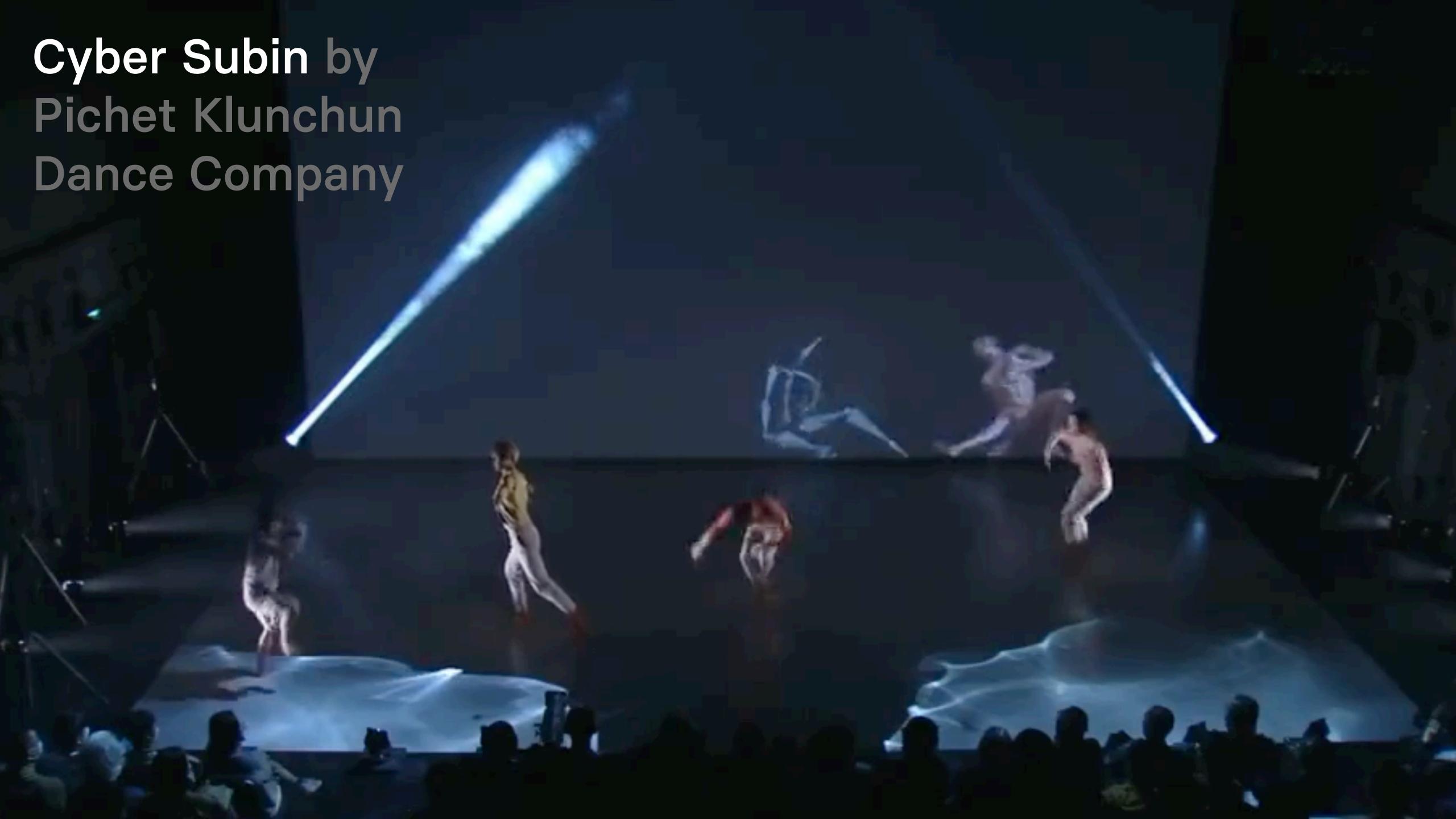




> executed > energy > upper body > 50%

- \$ energy reset
 \$ rotations x 50 percent
 \$ rotations reset
- \$ rotations z 50 percent





Cybernetics Subinnimit

On Natasin, Cultural Evolution, and Human-Al Co-Dancing * contained > external body space > 72%

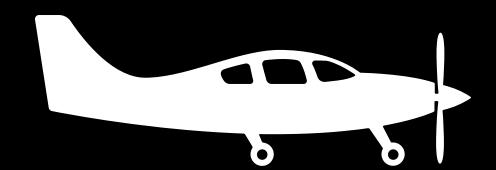
Cybernetics Subinnimit

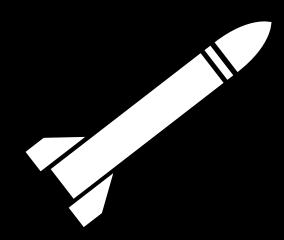
(Dream-Vision)

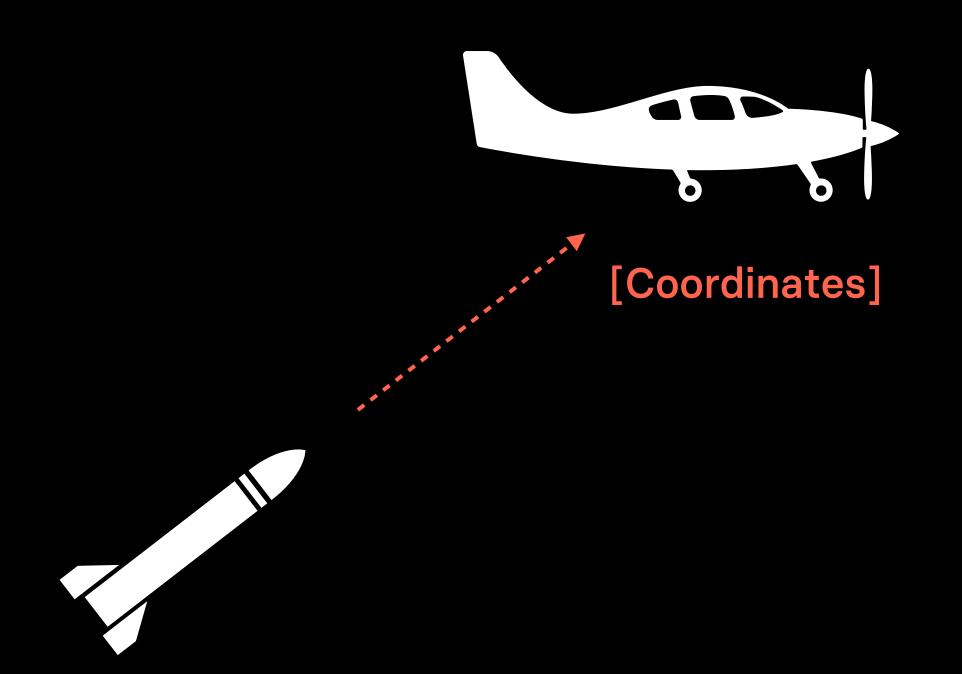


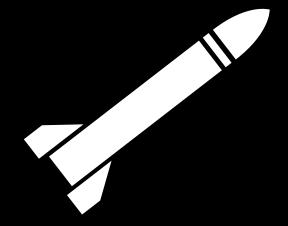
Cybernetics Subinnimit

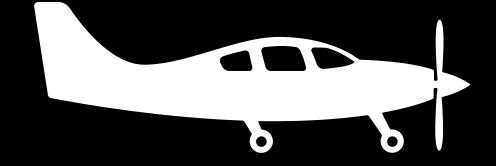
On Natasin, Cultural Evolution, and Human-Al Co-Dancing





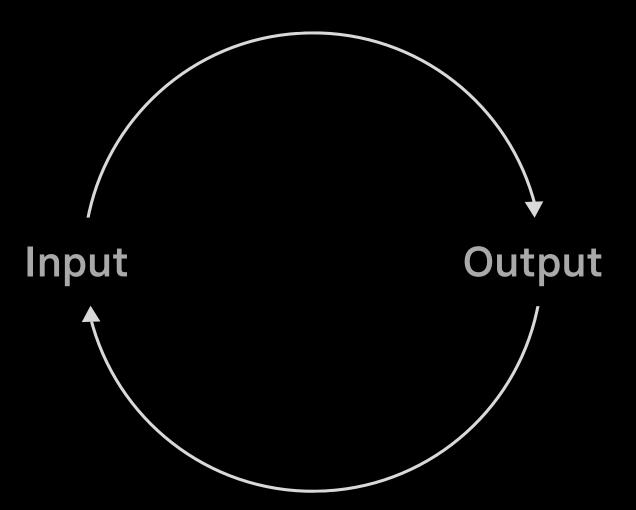




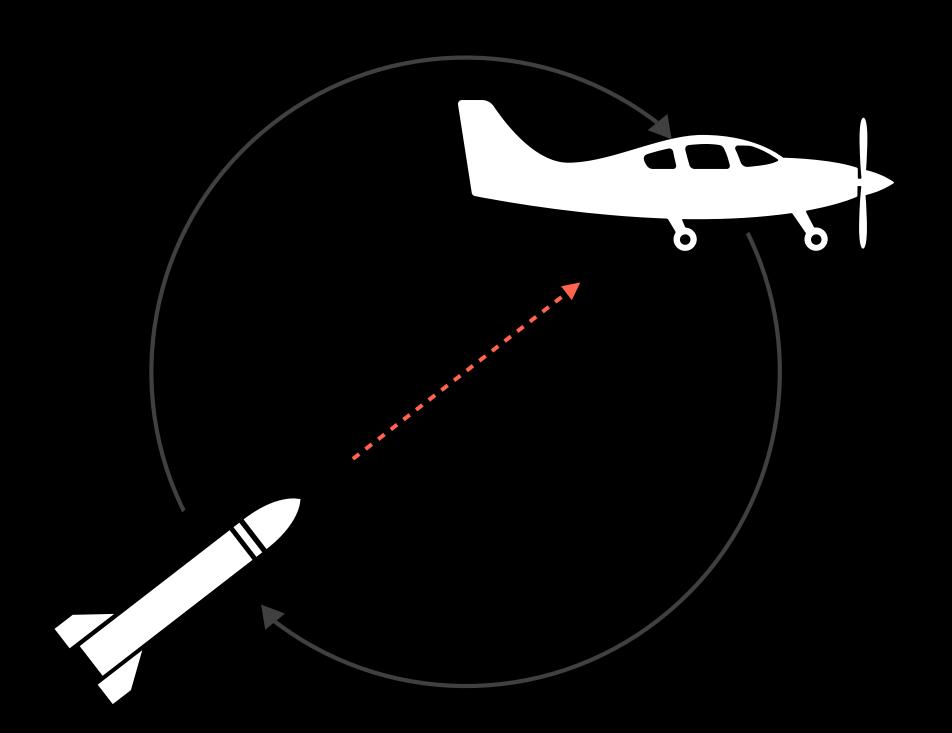


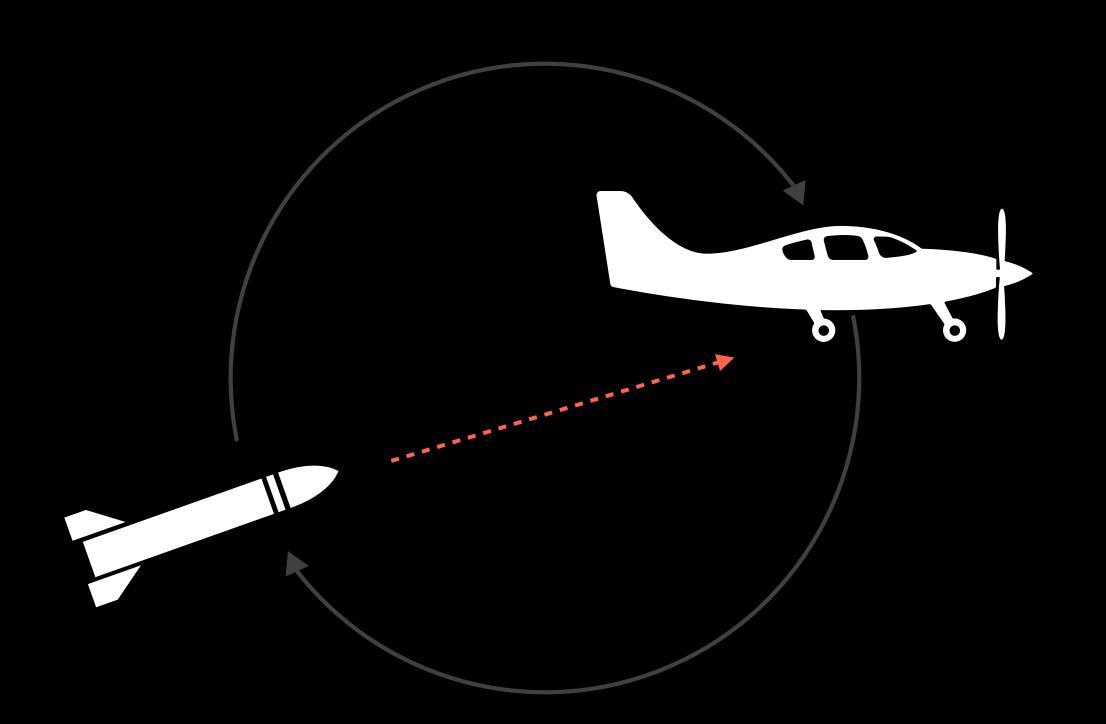
Input — Output

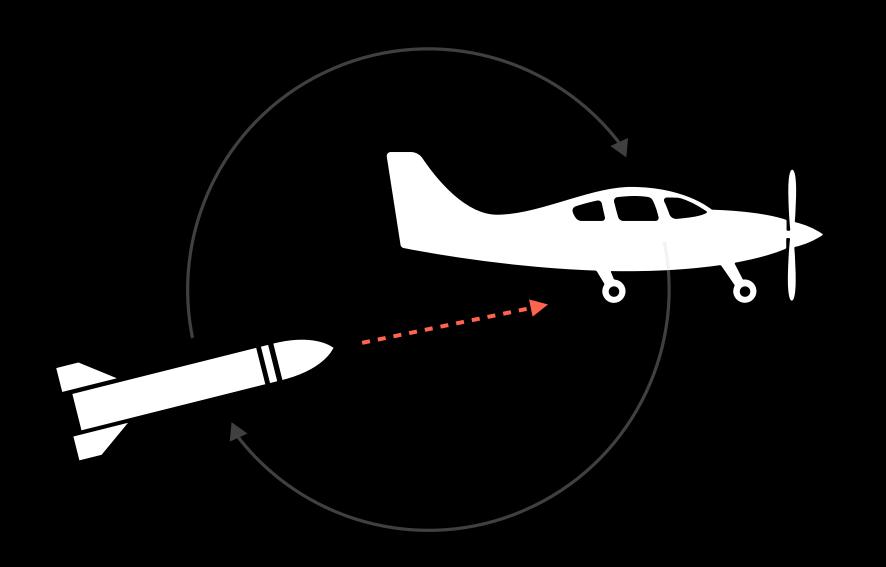
Cybernetics



A viewpoint that considers systems as dynamic and interactive rather than static.

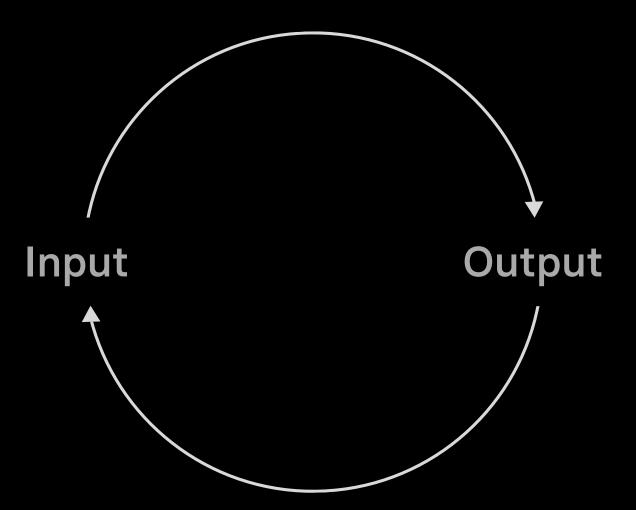




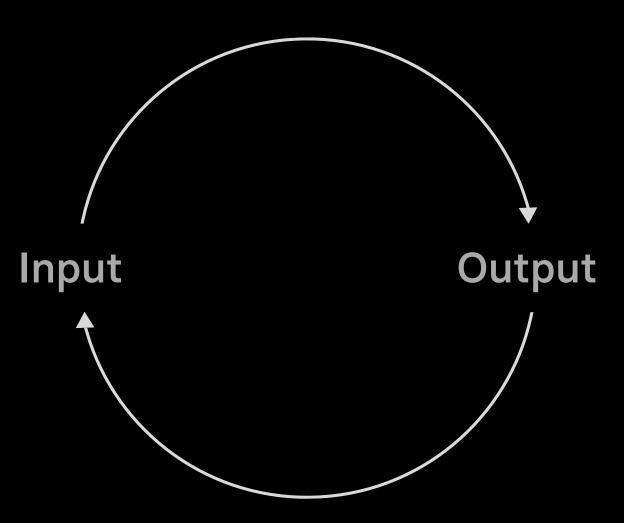




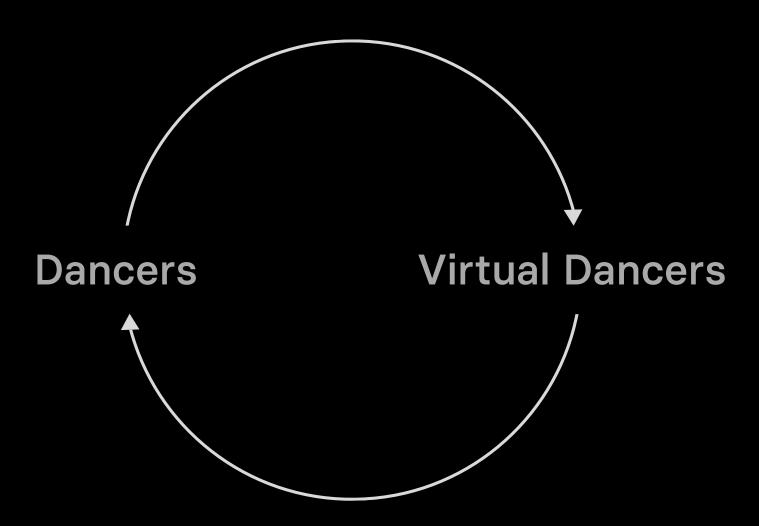
Cybernetics



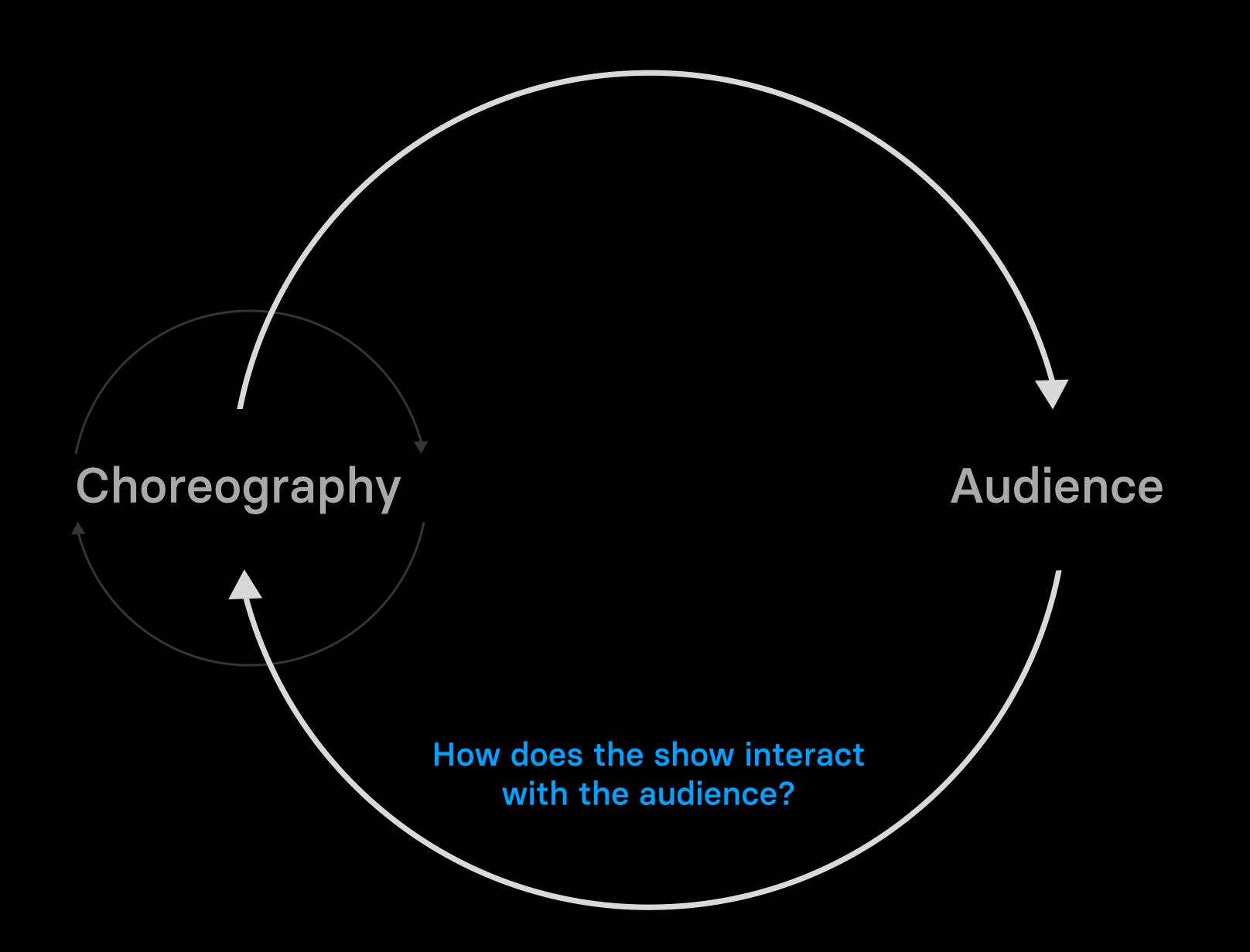
A viewpoint that considers systems as dynamic and interactive rather than static.

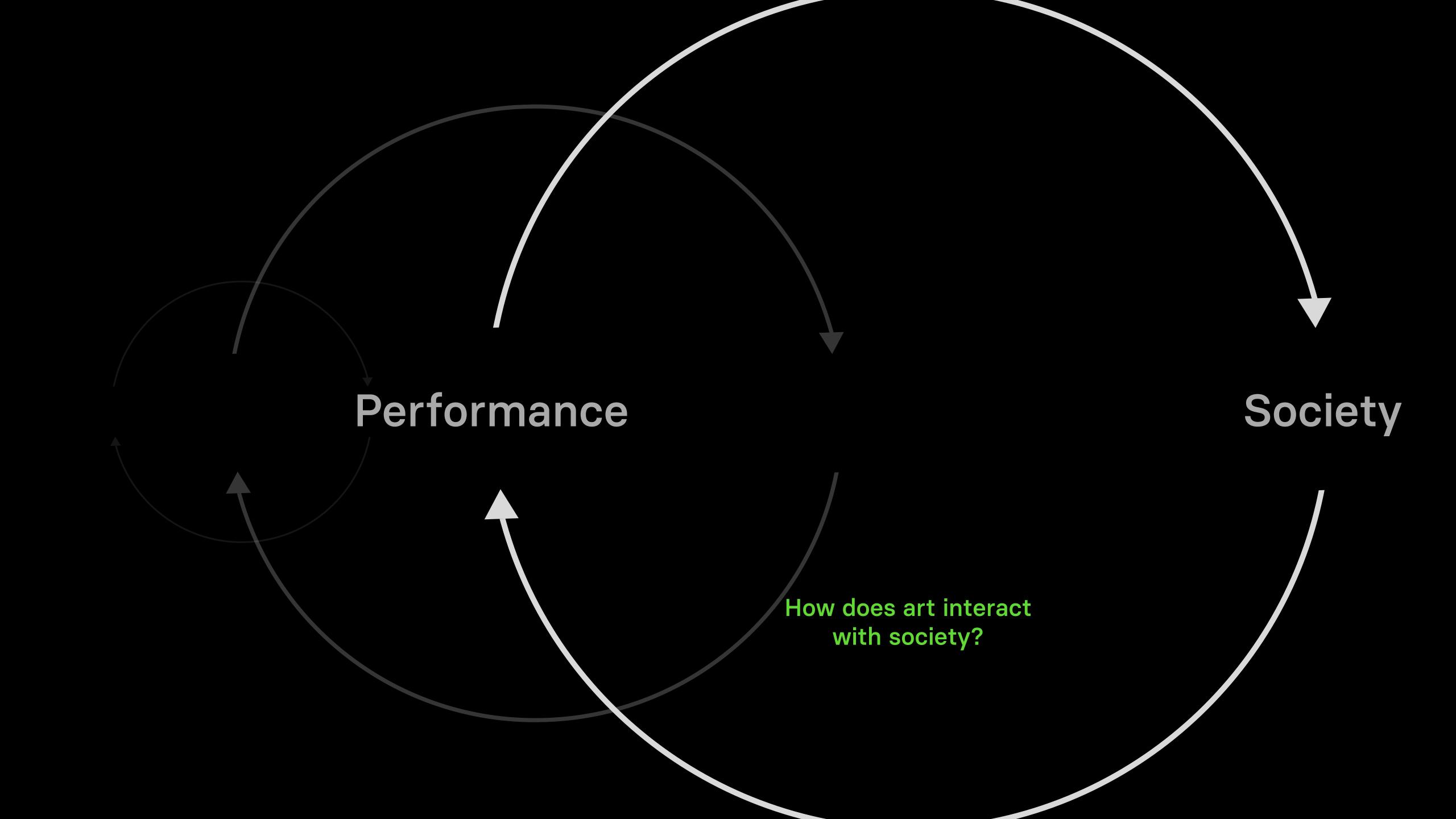


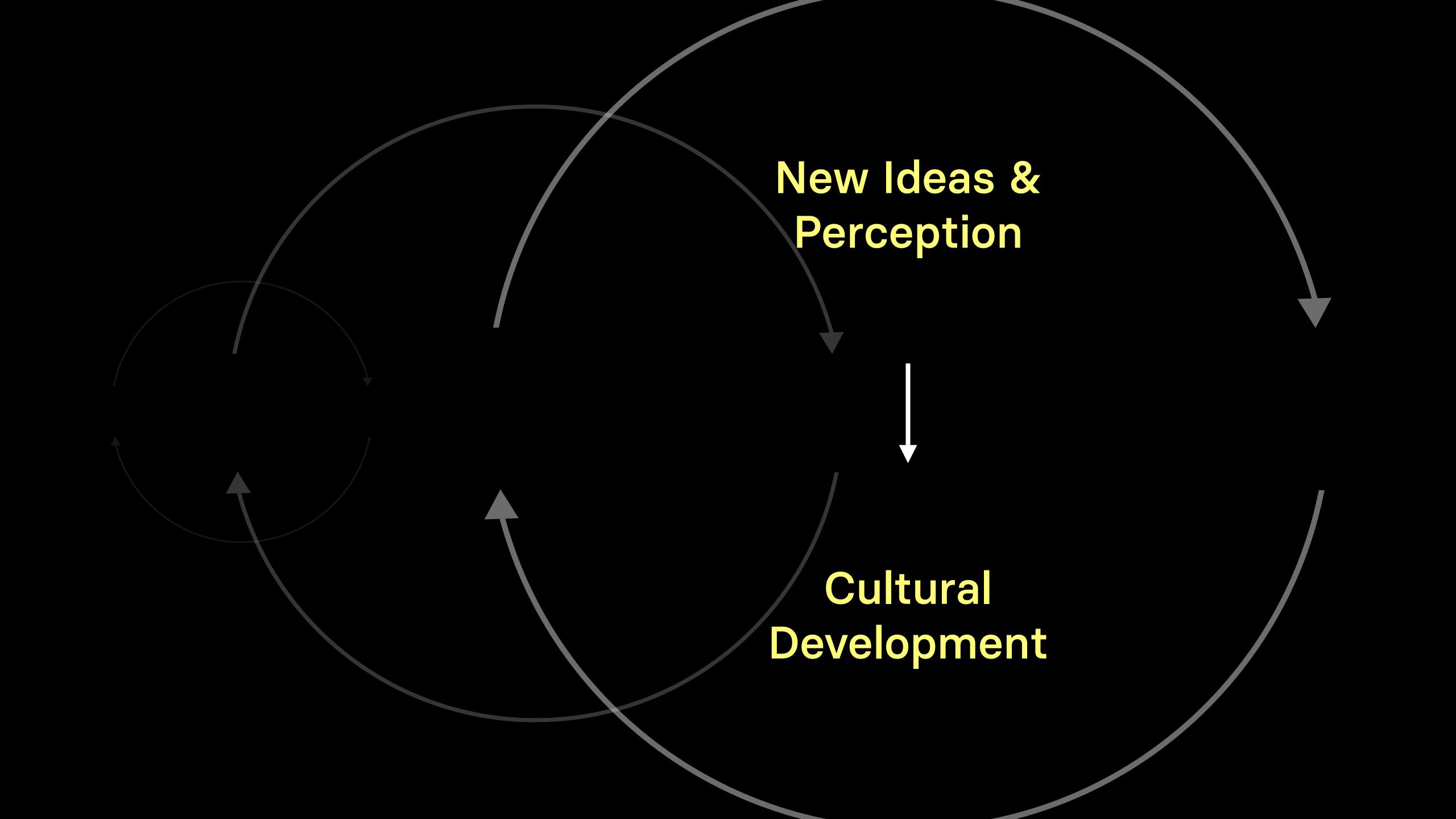
Are dances cybernetics?

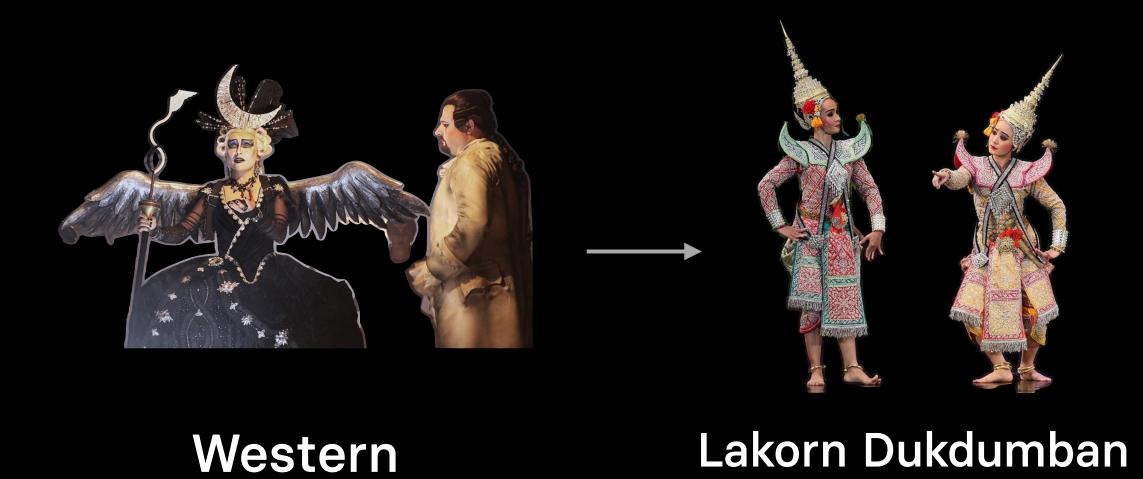


How do people interact with technologies?

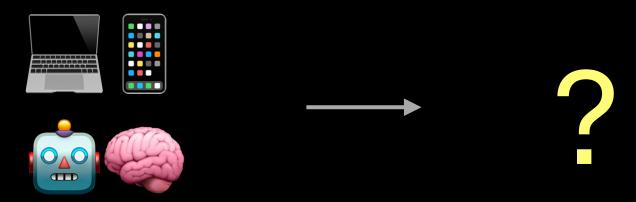








Opera



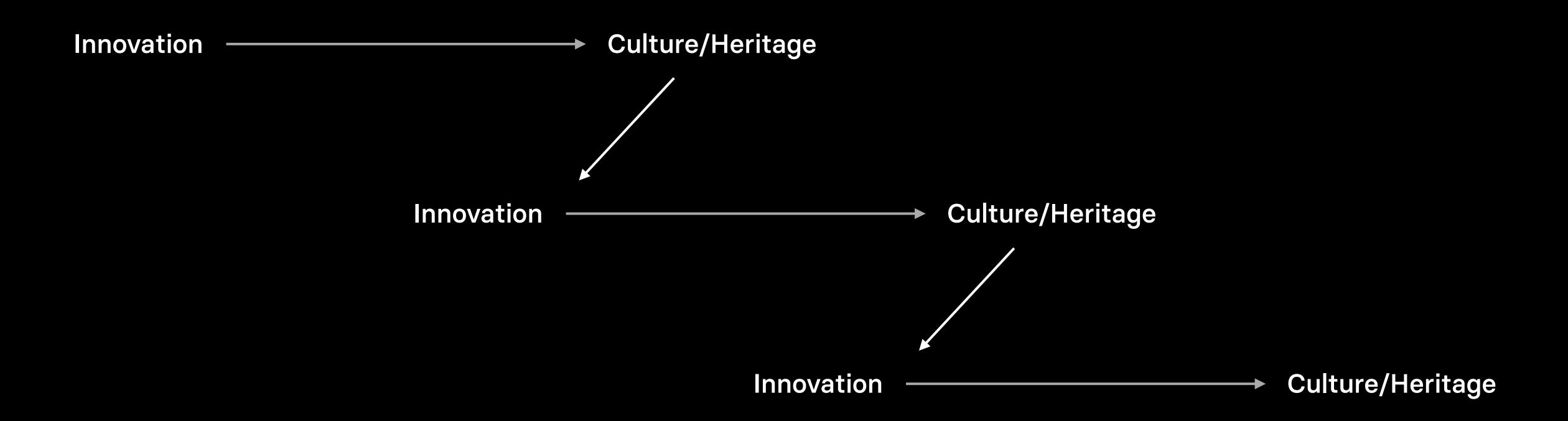
ละครดึกดำบรรพ์

Digital Technology

Culture as living artifacts rather than static/frozen forms



Innovation and Culture/Heritage as Two Sides of the Same Coin — Separated by Time



Time

Taiwan International Arts Festival 2024



Indonesia Bertutur 2024



Chiang Rai/Bangkok Performance 2025



Upcoming → Europe Tour (Mid 2025)

Taiwan International Arts Festival 2024 Indonesia Bertutur 2024 Chiang Rai/Bangkok Performance 2025

