

Algorithmic Textuality

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The Speed of Change

- Connected world population
 - 1994, Year 0 of the Web: – 1% connected
 - 2014, 20 years later: 35% connected
 - +50% very soon
- Social empowerment
 - Free and massive distribution of emission and reception, rise of social media
 - Wordpress: 2003, YouTube: 2005, Facebook & Twitter: 2006
- Material
 - Computing: biggest part now in the cloud
 - Interfaces: domination of smartphones and tablets
 - iPhone: 2007, iPad: 2010

An Algorithmic Medium

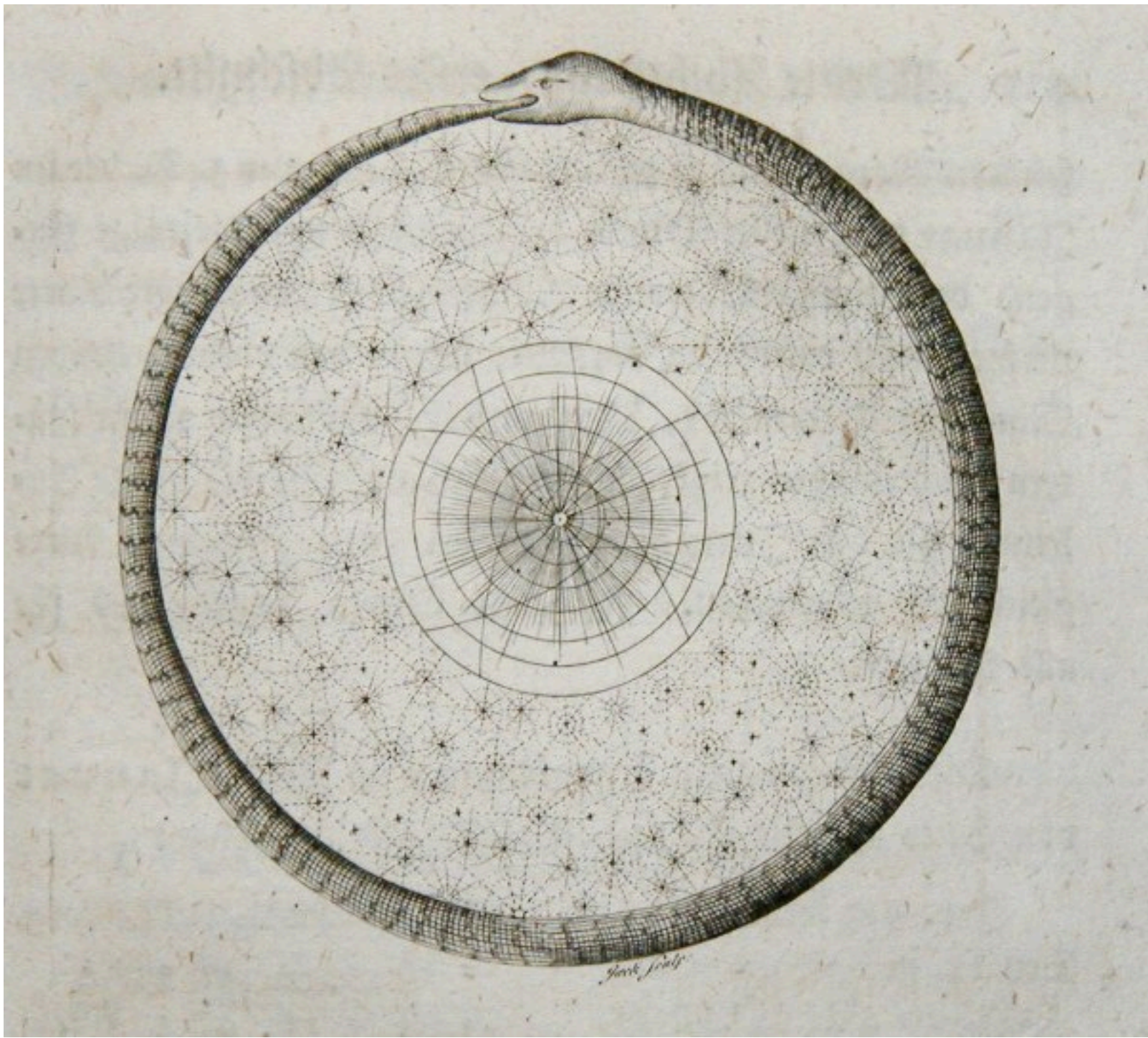
- **Information ubiquity**
- **General interconnection of people and content**
- **Automation of symbol manipulation: algorithms**

=> The rise of the algorithmic medium can be compared to the invention of writing 5000 years ago

⇒ Toward new content, genres, institutions and techniques of communication

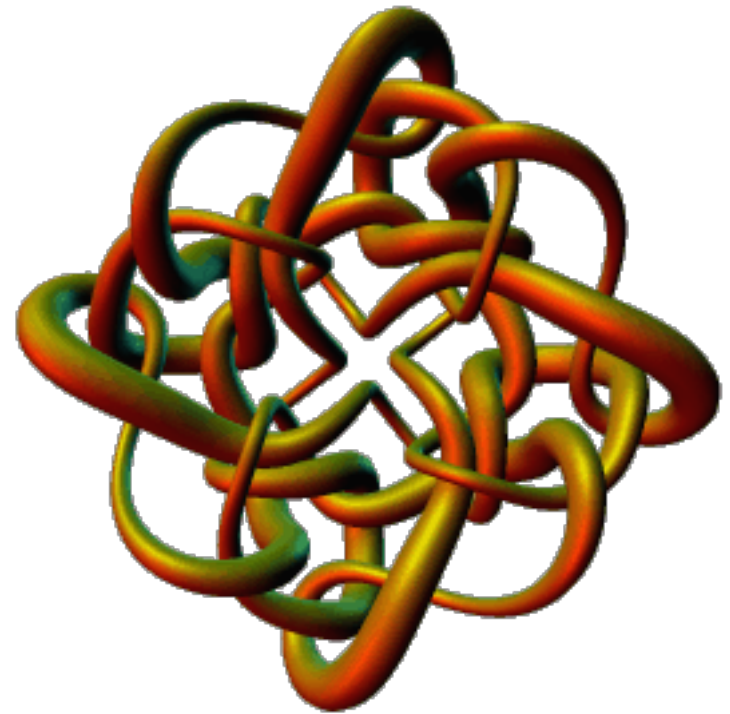
⇒ The future global civilization is practically impossible to imagine

ΣΟΡΟΒΟΡΟ

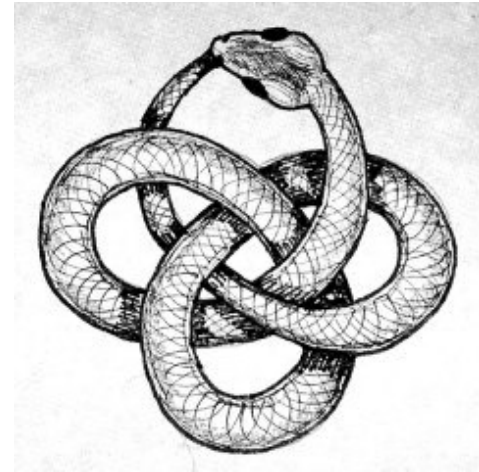


Radical Circularity

- Ouroboros = symbolization of radical circularity
- Self-creation, self-destruction
- Self-reference, self-organization
- Self-reproduction, spiral evolution (self-learning)
- Inexhaustible fractal complexity



IDEAS In Social Contexts

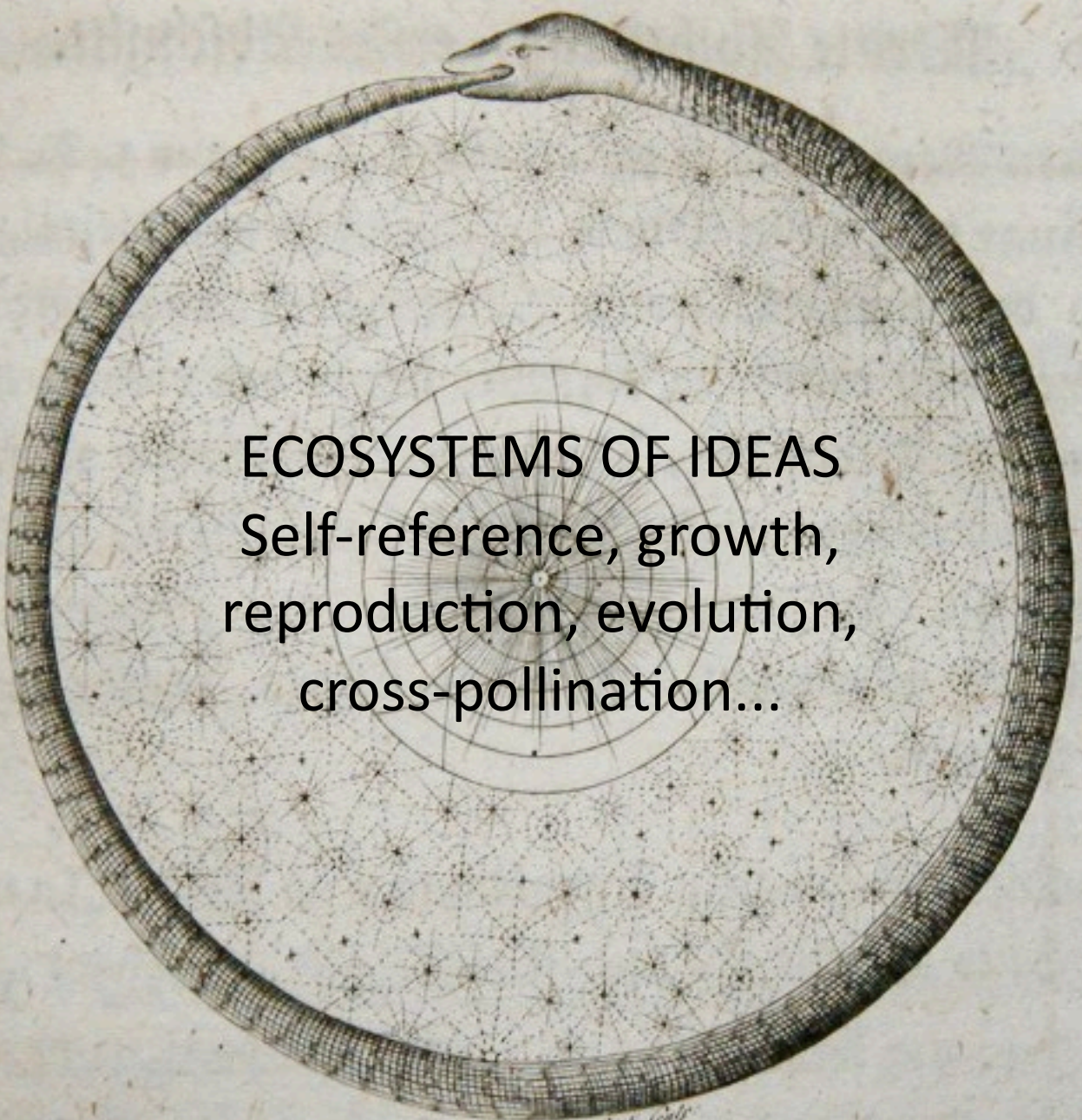


Concept

Affect

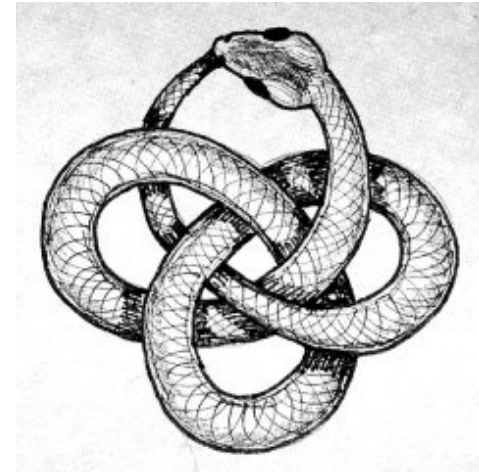
Percept

ZOO-T-ZOO



ECOSYSTEMS OF IDEAS
Self-reference, growth,
reproduction, evolution,
cross-pollination...

IDEAS in the Algorithmic Medium

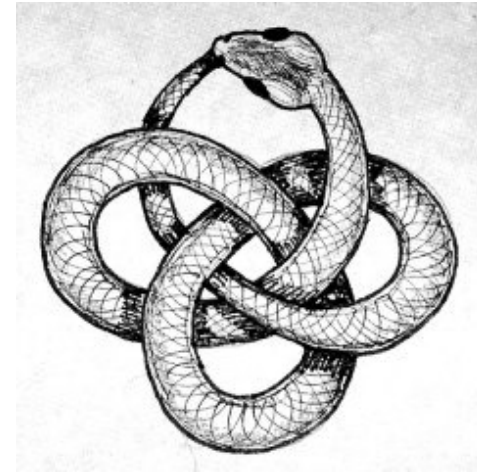


Abstract	Concept	Affect	Percept
Hi Tech Coding	IEMML hashtags (Circuits)	Credits [0, -1, +1] (Current)	Multimedia data

Reflexive Collective Intelligence

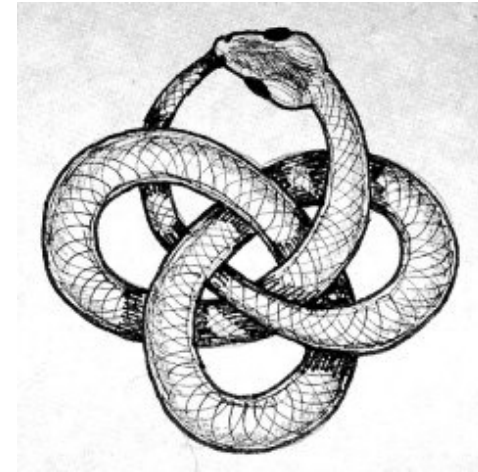
- **Ecosystems of ideas** emerging from collective intelligence in a new generation of social media
- Displayed around each people, community, thing, place, work of the mind...
- Interaction through holograms in VR or AR, by Google glasses or tablet
- Embedded powerful tools for selection, exploration, analysis, synthesis, semantic distances measurement
- Symbiosis communities / ecosystems of ideas
- Symbiosis individual / collective learning

TEXTUALITY



	Enunciability	Enunciation	Inference
VIRTUAL	Symbolic systems « Language »	Enunciated ideas « Writing »	Inferred ideas « Reading »
ACTUAL	Phenomena	People	Media

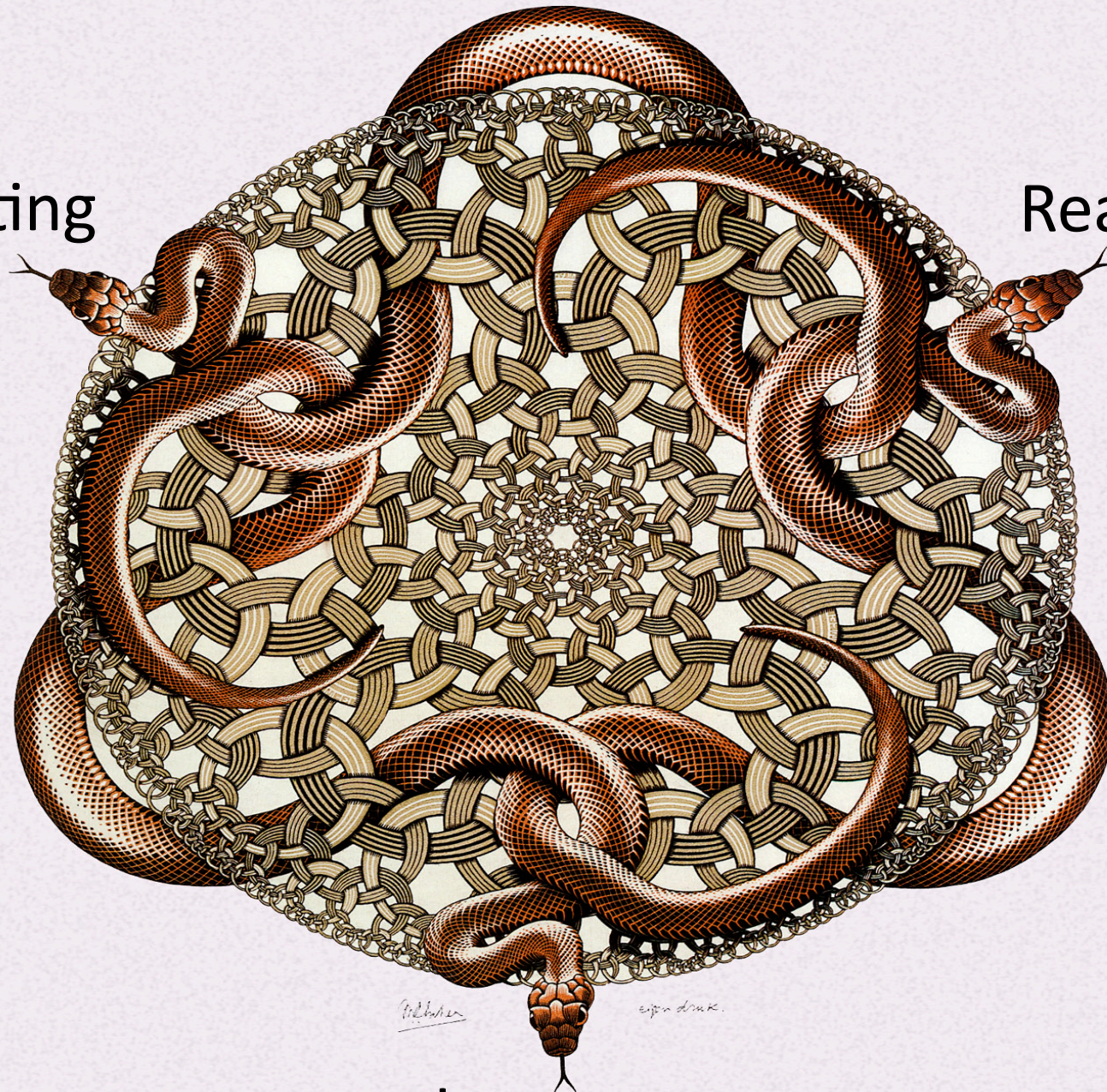
ALGORITHMIC TEXTUALITY



	Enunciability	Enunciation	Inference
VIRTUAL	Algorithmic symbols « language »	Augmented enunciation « writing »	Augmented exploration « reading »
ACTUAL	Collective Intelligence Protocol	User-generated content	Augmented 3D + online reality

Writing

Reading



Language