Jean-Daniel Dessimoz, Roboptics Llc, Cheseaux-Noréaz, Switzerland , February 27, 2021, *jean-daniel@dessimoz.org*
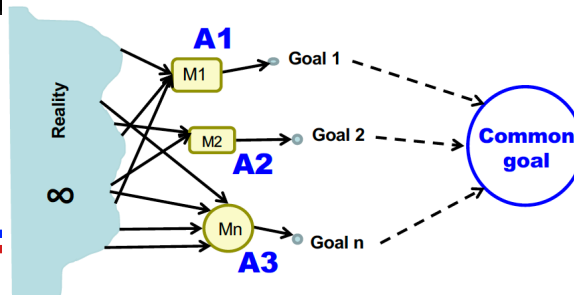
Cognition – Life, Considered in Four Colors

Real

- What is; true
- Infinitely complex
- Inviolable laws

Imaginary

- Ideas; beautiful
- Modeling
- Definitions and science
- Time
- Probability and Information
- Cognition
- Virtual and freedom
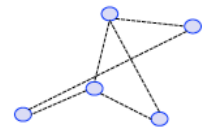- Requires the real (infrastructure)

Values

- Focus on goals; good

- A prerequisite for any modeling (re. Mi)

- Opportunities and Threats

- Goods and services

Collective

- Group – Transcendance; together
- Member of the group (re. Ai)
- Binding elements

- Communication and cooperation, shared culture
- Coordination and autonomy
- Consensus
- Empathy and solidarity
- Representation
- Politics and religion

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Cognition Squeezed Between Nature a

C o g n i t i o n (via modeli