

Research needed:

Abstract the biological cell model to be scale- and mechanism-invariant, and recursive. I expect it to look like a homeostatic network inside a permeable envelope with provision for message-passing through the envelope. Messages, nodes, & branches are typed.

1/3

Cells are nodes. Emergence is the recursion mechanism, i.e., subnetworks of a special type are able to send and/or receive messages. This provides for feedback loops involving cells of different types and levels, enabling complex system behaviors.

2/3

The model applies uniformly across all creatures, from bacteria to economies and political entities, and everything in between.

Imagine how multi-disciplinary acceptance of such a model might affect the biggest knowledge blocker of our time:

https://en.wikipedia.org/wiki/The_Two_Cultures

3/3
