

How to Think about things bigger than your Brain? or (The Firing-Squad Problem and related Conundra)

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Abstract

How can the more-or-less identical cells of Your Brain self-organize so as to understand the concept

“Grab the non-simply-connected coffee cup, and bring it to the concave opening between my lips”,

when each cell has too small a “brain” to understand the concepts of “concave” and ”non-simply-connected”?

We’ll idealize this with the notion of soldiers in a Firing Squad; they need to cooperate in order to fire at the same moment; this where the number of soldiers is far larger than the brain of any individual soldier.