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GLOSSARY KEY 01

Here we mention some terms from our forthcoming glossary. These are defined in interest of denying the possibility of AI consciousness in "**Argument 01, Why AI Can't Be Conscious**," a response to Butlin, Long, et al. We begin with intelligence.

Intelligence is a self-knowing and creative expression of inherent aspects of sufficiently complex systems. This requires defining complex systems and inherency.

Complexity is robust behavior over time, often attended by phase transitions at loci of criticality, typically flowing from or into recursion.

Complex system: the definition of complex system is recursive and wouldn't fit here.

Inherency is a one-word refusal of big emergence. Intelligence does not emerge, it's an expression of inherent complexity. Global codes do not emerge, they exist by virtue of being global.

Consciousness:

1. **The definition of humanity.** Our reference is the Cogito.
2. The human expression of complexity principles.

Self:

1. A desired illusion, continually constructed and referred to. It is the only symbol within the human. Our reference is Dr Dennett.
2. The central reference point or the quiddity of any element.

Copia: suggested term for machines, eventually equivalent to human consciousness. For now, it refers to whatever the machine is like. For introduction of the word copia, see **ARGU-01**.

Morgan Corrigan

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We refer with depth of gratitude to all researchers of consciousness, including the esteemed scholars we're responding to and the work they build upon.

Butlin, P., et Long, R. et al, 2023. Consciousness in Artificial Intelligence: Insights from the Science of Consciousness. arXiv:2308.08708. <https://doi.org/10.48550/arXiv.2308.08708>

Dennett, D. C. 1991. Consciousness Explained. Little, Brown & Co.

This work's sister paper is found at either / or
github.com/Perpetvum/COOP/blob/main/key01.pdf
github.com/Perpetvum/COOP/blob/main/argu01.pdf

Thanks given to Dr Hofstadter without his knowledge or permission.