

PRELIMINARY NOTICE

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INTERCOGNITION

Operational Definition and Terminological Framework

Version 1.0

Purpose of the Document

The present document establishes the definition and use of the terms **intercognition** and **intercognitive**, designating a specific field of emergent cognitive phenomena arising from the interaction between heterogeneous cognitive systems.

Nature of the Document

Conceptual reference document.

Terminological Definition and Scope of Application

Self-contained text, independent of any specific device or particular implementation.

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Status

This document establishes prior art for the terms and definitions it contains.
Any subsequent reuse, reformulation, or conceptual extension must explicitly refer to it.

Version

Version 1.0 — First operational formalization of intercognition: **reference text**.

1. Purpose of the Document

The purpose of this document is to define and fix the use of the terms **intercognition** and **intercognitive**, as concepts designating a specific field of cognitive phenomena, distinct from individual, collective, or metacognitive cognition.

These terms are introduced in order to name a real object that has until now been insufficiently characterized in the existing literature.

2. Intercognition — Definition

Intercognition refers to the process and the dynamic space of interaction between two heterogeneous cognitive systems, within which cognitive effects emerge that are not reducible to the properties, capacities, or performances of each system taken in isolation.

Intercognition is not to be confused with the intelligence of one system, nor with that of the other, nor with their mere functional coupling.

It designates a distinct level of analysis, centered on the effects produced by their continuous interaction.

3. Scope of Intercognition

The domain of intercognition includes, but is not limited to:

- reciprocal cognitive adjustments induced by interaction;
- phenomena of drift, stabilization, or rupture in the conduct of reasoning;
- modifications of decision-making trajectories resulting from the mutual influence of interacting systems;
- emergent effects appearing exclusively within the framework of this interaction.

These phenomena cannot be adequately described by the sole notions of individual cognition, distributed cognition, or metacognition.

4. Intercognitive — Status and Definition

Intercognitive is a qualifying adjective derived from the noun **intercognition**.

Any phenomenon, dynamic, property, or effect is said to be intercognitive if it directly relates to intercognition, that is, if it is produced or modified by the interaction between heterogeneous cognitive systems and cannot be explained by the isolated analysis of either system.

5. Rules of Terminological Use

- **Intercognition** exclusively designates the phenomenon or the field of analysis.
- **Intercognitive** is used only with explicit or implicit reference to intercognition.
- No synonym is claimed or recognized for these terms.

Any use outside this framework constitutes improper usage.

6. Scope

The terms defined in this document are intended to be used in contexts of analysis, observation, evaluation, or modeling involving structured interaction between cognitive systems of different natures, human or artificial.

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