

CONCEPTUAL STRUCTURES Information processing in mind and machine

Philosophical Basis

Knowledge and Models

The question continues - Knowledge and its relationship to language and to the world

Artificial intelligence tries to show knowledge of a thing in the form of a model that accurately represents the thing as well as the actions that can be performed by it and on it.

The hypothesis that people understand the world by building mental models raises fundamental issues for all the fields of cognitive science: Psychology, Linguistics, Philosophy, Computer Science

Psychological Issues

- Conditioning and reinforcement