

Taking History into Account

We make decisions based on past experiences, which is summarized in a LoF expression as

$$\overline{\overline{,system|environment|}}$$

or in a similar vein as

$$\overline{\overline{,I|world|}}$$

The form expression is re-entered in its own indicational space in order to base a next step on past experiences. In the human cognition behavior model, this is modeled in the form of a PDCA-cycle in which the reflection activity corresponds with Check-Act/Adjust. But how precisely the past is taken into account is left implicit in the model. The precise details are usually not needed to get the message across. However, for precise modeling, e.g., for simulation purposes, the details do matter. The principles are worked out here in a rough sketch.