

Towards a Unified Concept of Information: Presentation of a New Approach

Abstract

The present publication is a contribution to the development of a unified concept of information. The paper begins with a short survey of the history of the concept of information. Then a list of open questions, something like a specification for the definition of the concept of information, will be given, followed by a summary of a new approach developed in 'Contributions Towards a Unified Concept of Information', enabling us to provide an answer to each of these questions. This approach takes its cue from modern neurobiology according to which all things perceived or thought by an individual are to be understood as constructed by the brains of these individuals. Using a thought experiment, it is shown how the gap between the seemingly contradictory statements of two very different information theories can be narrowed until they are finally reconciled on the basis of the new approach presented here.