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Summary

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SUMMARY

The subject of the work is a metatheoretical analysis of the concept of information and of fundamental paradigms of information science in the light of epistemology and metaphysics. First part of the work is dedicated to the relationship between information and the epistemology. By use of the necessary and sufficient conditions we define information as well-formed, meaningful, truthful, new, relevant and usable data. On this basis, we gain the simple definition of information according to which information are data which have a potential to lead or actually lead to the formation of knowledge. Second part of the work is focused on the relationship between information and metaphysics. A definition of information as an analogical concept is created according to which information is a degree of certainty understood in the analogical way which has to be delivered to the first matter or to the substance in order to arise substance or accident. Further the classification of information is provided. Information is divided into intrinsic structural substantial information, intrinsic structural accidental information, accidental semantic information, and external structural sociocultural information. Third part of the work is dedicated to information science and its paradigms. An attempt to create a model of the domain is provided which tries to exploit what is fruitful to each paradigm.