

Abstract

In the first half, the work is about human society information systems. It tries to find an origin of the information in the society, describes forms of the information and tries to explain causes for communication. Later it describes main attributes of the system itself. From mentioned facts the work then figures out an idea about new division of information systems based on the purpose of a system.

The next part concerns information structures present in the body of plants and plant neurobiology. Then the work questions the relationship between the information science and the cognitive science. Later the work tries to work out some global characteristics of plant information structures.

In the last part work discusses the basic functions of the human brain and late discoveries in glia cells field. Conclusion of the whole work follows.

Keywords

*information system *information communication *living organisms *plant neurobiology
*consciousness *glia *analogies