

Studies in Logic, Grammar and Rhetoric

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Logic and Argumentation

Special Issue on Argumentation Theory and Informal Logic

Elaborating tools for analysing and evaluating common-sense reasoning performed in an argumentative discourse constitutes crucial research goal for argumentation theorists, informal logicians, formal logicians, computer scientists and methodologists of science. Articles which shall be published in this journal issue support the claim that argumentation theory, informal logic and formal logic, despite of differences concerning the methods of inquiry, are aimed at realizing the common research goal, i.e. elaborating rational and reasonable criteria of argument analysis and evaluation.

In order to explore this common goal, the project is aimed at sketching the map of (1) recent developments in argumentation theory and informal logic (such as applications of computational methods in the study of argumentation, research on argumentation and artificial intelligence, argument schemes or legal argumentation) and (2) the research on argumentation within the tradition of Polish logic and methodology of science (such as applications of formal-logical methods in argument analysis and evaluation).

Hence, the issue focuses on the prominent approaches to argumentation and research perspectives in the study of argumentation. It shall contain papers written either by the major representatives of informal logic movement and pragma-dialectics (the Amsterdam School) or by formal logicians, methodologists and philosophers of science.

Among the topics to be addressed there are:

- origins of argumentation theory and informal logic
- the relationship between formal and informal logic
- research goals and methods of argumentation theory and informal logic
- pragma-dialectical theory of argumentation
- recent developments in dialogue-based approaches to argumentation
- argumentation and artificial intelligence
- applications of formal logic in argument analysis and evaluation
- formal and computational models of natural arguments
- argument schemes
- dialectical and rhetorical criteria of argument evaluation
- contemporary approaches to argument evaluation
- fallacies

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