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Basic fields of interests (key words): natural and sequential logical calculus; nonclassical logical systems: deontic logic, logic of values; quality of logical inferences, cognitivistics, history of logic, expert estimations, game theory.

Investigation subjects of previous years:

1. About quality of logical inferences in sequential logical calculus (1996-1999);
2. Logic, expert estimations and expert systems (1999-2001);

Present investigation subject:

3. Methodology of investigations in history of logic.(2002-2004)

The relationships between antique Greek and Rome logic and logic in the Arabic world, India and China are considered on the base of the comparative historical method.

Main publications:

1. *Deontic logic and theory of diagnosis.* in: Contemporary Logic: problems of theory, history and applications in science. VI International scientific conference, 22-24 June, 2000, Saint-Petersburg, Publishing of Spb. University, 2000, pp. 226-228. (In Russian: Обрешков, Н. Деонтическая логика и теория диагноза. В: Современная логика: проблемы теории, истории и применения в науке, *Материалы VI-ой Международной научной конференции, 22-24 июня 2000 г.*, И-во СПб. Университета, Санкт Петербург, 2000, стр.226-228);
2. *About the problem of psychologism in philosophy of logic.* in: Philosophical alternatives, № 5-6, 1997. (In Bulgarian: Обрешков, Н. Към проблема за психологизма във философията на логиката. "Философски алтернативи", № 5-6, 1997);
3. *About using cognitive methods in formal representation of situations of social interactions.* in Philosophical researches, vol. III, Sofia, 1993, pp. 254-265. (In Bulgarian: Обрешков, Н. Относно използването на когнитивни методи за формално представяне на ситуации на социално взаимодействие. В сб. "Философски изследвания", том III, София, 1993, стр. 254-265);
4. *A possible approach to modeling a social interaction.* in: "Methodology of Mathematical Modeling", vol. III, Sofia, 1992, pp. 200-203.
5. *Karl Menger`s logic of decision: reasons to some prerequisites of mathematical modeling of social phenomena.* in: "Methodology of Mathematical Modeling", vol. V, Sofia, 1994, pp. 155-161
6. *Logic, expert estimations and expert systems.* Institute of Modernity, Sofia, 2000 (In Bulgarian: Логика, експертни оценки и експертни системи, София, 2000)