

**Abstract.** Relation algebras is a rich topic in logic and mathematics, which dates back to De Morgan and Schroeder. Nevertheless, it is a subject that is not well known among young logicians, including Polish students, despite the fact that the father of today's relation algebras was a Polish logician Alfred Tarski. In light of this gap, I intend to present the history and development of relation algebras from the XIX century up until today. The main point of this presentation will be the problems formulated on the basis of this system, how they were addressed, by who and when. The representation problem, decidability problem, the problem of different classes of relation algebras and specific problems of systems of relation algebras will be discussed. At the end, I'll formulate some of the open questions that still remain open in the discourse.