An approach to development of the Binary Star DataBase (BDB)

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The paper presents an approach to development of the Binary star DataBase (BDB). The database contains data about physical and astrometric parameters of double star of different types, taken from astronomical catalogs and surveys. Requirements to the database are considered, which are coming from peculiarities of astronomical data and from the task of merging of information from heterogeneous information resources in a single database. The development process of conceptual scheme of binary stars subject area and transformation of catalog data to the conceptual scheme are described. An approach to scientific problem solving in terms of a conceptual scheme is proposed.

Key words: databases - binary stars

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