"Non-Lethal Weapons" Database as a tool for predicting the risk of NLW technology development

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The article describes an approach to the development of the «Non-lethal weapons» database structure. The database is considered as a means of information support for computer aided design of optimal shape of non-lethal weapons (NLW). Also it is regarded as a tool for generating input data for the systems of assessment and prediction of the risk of NLW technology development with the prospect of forming the foundation for the development of advanced CALS- means for the studied subject area. The structure is based on the authors' NLW classification on various grounds, including the physical nature of the impact factor as the level of development completion. The approach to the research classification in the field of NLW is described as well. The article also presents the general scheme of the NLW life cycle embedded in the database software implementation, the relational database scheme and user interface for accessing data.

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