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В связи с возрастающей мощностью информационных потоков в системе эксплуатации ракетно-космической техники [6] построение моделей субъектов эксплуатации возможно с использованием современных цифровых технологий, в частности технологий экспертных систем и искусственного интеллекта. ■

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Competency Model of the Rocket and Space Technology Exploitation Subject

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key words

model, exploitation subject, competence, algorithm, graph model, hierarchy, operation, hypergraph

We have examined the competency model of the exploitation subject of rocket and space technology. It is based on an algorithm graph model for the implementation of the target destination of this operating entity, which is a hierarchical graph.
In the study, we relied on the concept of competence as a library of algorithms containing algorithms for the participation of an official in operational processes.
The competency model of the subject of exploitation of the RST was described as a hypergraph and the main classification features of competency models were identified.
We have determined that the significance of each competence for the implementation of the intended purpose of the operating subject depends on its position in the hierarchy of the graph model and on the properties of the algorithms included in it.
In conclusion, we have proposed the option of assessing competency according to three properties: hierarchical complexity of competence, educational level of competence, and the level of mastery of competency by the performer.

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