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NEW METHOD OF ENGINEERING EVALUATION OF SPACECRAFT FOR EARTH REMOTE SENSING

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The research objective is to develop a modern method of an engineering evaluation of Earth remote sensing spacecraft based on an updated hierarchy T. Saati method. Creation of methodic support for a correct engineering evaluation of the state-of-the-art technology is motivated by the importance of this factor for evaluating the competiveness of the rocket and space technology under development. The paper presents a generalized method of the engineering evaluation of rocket and space products and its specification related to the issue of an engineering evaluation of Earth remote sensing spacecraft. The method under consideration has been employed for an engineering evaluation of the Sich-2M satellite in the development of the technical project.

Keywords: *Earth remote sensing, spacecraft, method of hierarchy analysis, rocket and space technology, engineering level.*

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