

# **METHOD OF CHOOSING PARAMETERS OF SPACE OBSERVATION SYSTEM ORBITAL STRUCTURE**

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Samara State Aerospace University

The paper proposes a method for solving the task of choosing parameters of space observation system orbital structure which consists of several space vehicles. An indicator of minimal periodicity of observations is used. The method is based on the model of guaranteed observation periodicity using visibility areas. Results of choosing orbital structure parameters are given and compared with the results obtained by the traditional method of constructing a space observation system orbital structure.