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ANALYSIS ALGORITHMS FOR TESTING COMMAND-AND-SOFTWARE CONTROL OF SPACE SYSTEMS' EQUIPMENT

We present a new approach to the analysis of the spacecraft onboard equipment testing on the basis of the simulation model precedents. Precedents describe the scenarios for the transmission of control commands and the corresponding telemetry variants. Precedents allow detecting some features of the onboard equipment functioning that could remain unnoticed if other methods of the test results analysis were employed.

Keywords: database; simulation modeling, spacecraft; onboard equipment testing.

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