
Synthesis of termination relay-pulse control of spacecraft rendezvous

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The algorithm for linear stationary dynamic system with relay—pulse controllers was developed which allows solving the problems of searching the termination control by using methods of modal control. The problem of searching the termination control of the rendezvous of spacecraft with constant thrust engines having a Cartesian layout chart by using the introduced algorithm was solved.

Keywords: *rendezvous of spacecraft, modal control, termination control, the method of precise placement of poles, circular orbit.*

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