

The mechanics of container rocket launch with the effect of lateral loads

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The article describes an approach to the problem of rocket launch from container with the effect of lateral loads. Computational schemes for container launchers are developed. Methodological foundations for the computational analysis of the dynamics and strength of launch complex aggregates are presented. The main methodologies taking into account the interaction between the rocket and the launch container are described. Typical loads occurring during the container launch and the ways to take them into account are considered.

Keywords: *rocket, container, launch container, launch, air launch, load*

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