

Small-scale space vehicles as the evolutionary step of transition to micro and nano satellites

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The summary:

In the article the substantiation of the tendency of the space vehicles' mass-size characteristics improvement under modern conditions of intensive space market development and is given.

Actuality of the implementation of small-scale space vehicles in the sphere of navigation, satellite communication, monitoring and Earth remote sensing is described by comparison to the space vehicles of the same functionality but considerably exceeding them in mass-size characteristics.

Key words:

small-scale space vehicles; micro space vehicles; nano space vehicles; expendable launch systems; mass-size characteristics of the space vehicles

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