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SmallSats rational design

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The SmallSat design process is comprised of choice of its trajectory, determination of its components and main parameters of its systems, development of external and internal layouts, determination of the number of satellite-born antennas and their main characteristics. This paper will focus on estimating a concept and physical relationships in the design process and on the rational design algorithm version.

Biography

Mykola Nickolay Zosimovych has completed his Bachelor's, MS and PhD at the Moscow Aviation Institute (National Research University), Moscow, Russian Federation. He is working as the Professor at the Mechatronic Engineering Department of Shantou University (China). He has published more than 115 papers in reputed journals and 5 books.

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