Development of an effective investment method for space communication systems production

© I.A. Galkevich, M.N. Zakharov

Bauman Moscow State Technical University, Moscow, 105005, Russia

In the global space market operators of communications and broadcasting are the link between the market and the space industry. There is problem of determining the optimal parameters of satellites ordered to industry for the successful operation of space operators business and meet the needs of end-users. Space communication system based on the developed satellites, should be effective and attractive for the investments. The proposed method of evaluating the effectiveness of space projects can solve this problem and determine the required performance characteristics of developed communications and broadcasting satellites.

Keywords: global space market, communication services, space communication system, satellite, technical level, data capacity, power, model, regression analysis, commercial efficiency, investment costs, the profitability of the project.

Galkevich I.A., a post-graduate of the Industrial Logistics Department of Bauman Moscow State Technical University. e-mail: ibm3@ibm.bmstu.ru

Zakharov M.N., Dr. Sci. (Eng.) Professor of the Industrial Logistics Department of Bauman Moscow State Technical University.