

, 15, 49005, ; e-mail:aalpatov@ukr.net

1. *Alpatov A., Cichocki F., Fokov A., Khoroshylov S., Merino M., Zakrzhevskii A.* Determination of the force transmitted by an ion thruster plasma plume to an orbital object. *Acta Astronautica*. 2016. 119. . 241–251.
2. *Alpatov A. P., Fokov A. A., Khoroshylov S. V., Savchuk A. P.* Error Analysis of Method for Calculation of Non-Contact Impact on Space Debris from Ion Thruster. *Mechanics. Materials Science & Engineering*. 2016. 5. . 64–76.
3. *Sarycheva L., Sarychev A.* GMDH-Clustering GMDH-Methodology and Implementation in C. Editor Godfrey Onwubolu, London: Imperial College Press, 2015. . 157–203.
4. *Alpatov A. P., Gusynin V. P., Belonozhko P. P., Fokov A. A., Khoroshylov S. V.* Shape control of large reflecting structures in space. *Proceeding of the 62nd International Astronautical Congress*. Cape Town, South Africa, 2011. (3 – 7 October 2011). Vol. 7. IAC – 11.C2.3.6. C. 5642–5648.
5. *Alpatov A. P., Gusynin V. P., Belonozhko P. P., Fokov A. A., Khoroshylov S. V.* Configuration modeling of cable-stayed space reflectors. *Proceeding of the 64nd International Astronautical Congress*. Beijing, China. 2013. (23 – 27 September 2013). Vol. 8. IAC – 13.C2.3.4. C. 5794–5799.
6. *Alpatov A., Khoroshylov S., Bombardelli C.* Relative Control of an Ion Beam Shepherd Satellite Using the Impulse Compensation Thruster. *Acta Astronautica*. 2018. 151. . 543–554.
7. *Shuvalov V. A., Gorev N. B., Tokmak N. A., Pis'menny N. I., Kochubei G. S.* Control of the drag on a spacecraft in the earth's ionosphere using the spacecraft's magnetic field. *Acta Astronautica*. 2018. Vol. 151. . 717–725.



34. . . . . 2017. 1. . 57–64. -
35. . . . . 2017. 4. -
- 24–35.
36. . . . . 2018. -
- 4 (148). . 20–35.
37. . . . . 2012. 18. 3. . 3–9. -
38. . . . . 2013. 1. C. 96–102. -
39. . . . . - -
- . 2016. 2. . 137–146. -
40. . . . . 2017. 4. . 41–48. -
41. . . . . 2017. 2. . 41–50. -
42. . . . . 2016. . 22. 6. . 20–25. -
43. . . . . 2016. 3. . 57–67. -
44. . . . . 2017 . -
- " " : , 2017. . 24–31. -
45. . . . . -
- . 2015. . 21. 1. . 20–24. -
46. . . . . 2018. 1. . 97–106. -
47. . . . . 2017. 4. . 55–63. -
48. . . . . 2018. 3. . 3–10. -
49. . . . . -
- . 2015. 1. . 11–15. -
50. . . . . -
- . 2014. 2. . 43–51. -
51. . . . . : . 109318 : B 64 G 1/62, 109318; 20131326; . -
- 14.11.13; . 10.08.2015, . 15. 11 . -
52. . . . . : . -
- 113747 : B 64 G 1/62; 201407652; . 07.07.2014; . 10.03.2017, . 5. 11 . -
53. . . . . : . 109194, B 64 G 1/62; 201312759; . -
- 01.11.13; . 27.07.2015, . 14. 12 . -
54. . . . . 2017. 3. . 64–70. -
55. . . . . 2015. 2. . 100–109. -
56. . . . . -
- . 2016. 2. . 64–70. -
57. . . . . -
- . 2013. 3. . 63–71. -
58. . . . . -
2018. 2. . 3–11. -
59. . . . . : , , . -
- : , 2012. 384 . -
60. . . . . : -
- : , 2007. 259 . -

61. . . . . : " "
2017. 452 .
62. . . . . :  
Saarbrücken, Deutschland: LAP LAMBERT Academic Publishing, 2014. 204 c.
63. . . . . : .2016. 1. .26–37.
64. . . . . : .2013. 5. .33–52.
65. . . . . : .2015. 3–4 (69–70). .105–123.
66. . . . . : .2015. 3.  
.13–20.
67. . . . . :  
" ,2016. .463–499.
68. . . . . :  
.2015. 4. .79–103.
69. . . . . :  
.2013. 2. .8–24.
70. . . . . : .2013.  
2 (244). .18–27.
71. . . . . : .2014. 3. .33–47.
72. . . . . : .2016. 4. .35–49.
73. . . . . :  
.2016. 3 (130). .9–17.
74. . . . . : .2014. 4. .39–52.
75. . . . . : .2015. 3. .18–29.
76. . . . . : .2016. 1. .38–50.
77. . . . . : .2018. 1. .48–59.
78. . . . . : .2013. 1. .45–60.
79. . . . . : .2015. 4. .155–168.
80. . . . . : .2013. 2. .26–35.
81. . . . . :  
.2017. 2 (137). .44–59.
82. . . . . : .2017. 2. .20–32.
83. . . . . :  
2016. 2/129. .55–66.
84. . . . . : .2018. 1. .48–58.
85. . . . . 2. .2012. 2(61). .12–24.
86. . . . . : .2016.  
1. .11–25.
87. . . . . :  
.2017. 1. .26–39.
88. . . . . : .2014. 2. .79–92.

89. . . . . 2018. (14(4)). . 5-8. -
90. . . . . 2012. . 3. . 85-97. -
91. . . . . 2014. 4. . 198-204. .
92. . . . . 2018. . 24 2. . 43-46. -
93. . . . . : . 125265 . . . . . B64G 1/00, B64G 1/10, B64G 1/24.u 2017  
 09603; . 02.10.2017; . 10.05.2018. -

24.07.2018,  
 28.10.2018