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- 2 . . . , 15, 49005, . . . ; e-mail: sazinana@ukr.net
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- Gi(V( ),D) (V, D - , -
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- :
1. -
- 25.09.01 218/446. URL: [http://www1.nas.gov.ua/infrastructures/Legaltexts/Others/me\\_mf/Pages/218-446.aspx](http://www1.nas.gov.ua/infrastructures/Legaltexts/Others/me_mf/Pages/218-446.aspx) ( : 20.07.2020).
2. ( ) -
- 21.02.2006 119. URL: <https://zakon.rada.gov.ua/rada/show/v0119290-06#Text> ( : 20.07.2020).
3. -
2006. 18 URL: <https://me.gov.ua/Documents/Detail?lang=uk-UA&id=72a08214-1710-4e5e-9526-9fede7dc8f63&title=MetodikaViznachenniaEkonomichnoiEfektivnostiVitratNaNaukoviDoslidzhenniaIRozrobkiTaYikhVprovadzhenniaUVirobnitstvo> ( : 20.07.2020).
4. ( 20 1996 . N 830 ) 96- , -
- 2019-419-2019- 01.01.2020.
5. : -
- 2- " -
- " SPACELOG–2017. . 2017. URL: <http://www.sms-corp.ru/images/publication/Spacelog2017.pdf> ( : 22.07.2020).
6. Review of hardware cost estimation methods, models and tools applied to early phases of space mission planning. URL: <http://titania.ctie.monash.edu.au/papers/trivailo-2012.pdf> ( : 21.05.2020).
7. Development of the Small Satellite Cost Model 2019 (SSCM19). URL: [https://aerospace.org/sites/default/files/2020-05/SSCM19 %20paper.pdf](https://aerospace.org/sites/default/files/2020-05/SSCM19%20paper.pdf) ( : 10.08.2020).

8. Scherrer D., Chedevergne F., Grenard P., Troyes J., Murrone A. et al. Recent CEDRE Applications. AerospaceLab. 2011. .1–28. hal-01182477 URL: <https://hal.archives-ouvertes.fr/hal-01182477/document> ( : 18.08.2020).
9. Brian Alford, Booz Allen Hamilton, Andy Prince. NASA Project Cost Estimating Capability: New Analyses for Spacecraft Estimating. ICEAA 2016 International Training Symposium. (October 2016). URL: <http://www.iceaaonline.com/ready/wp-content/uploads/2016/10/GP03-ppt-Alford-NASA-Project-Cost-Estimating.pdf> ( : 18.08.2020).
10. Broder Melvin, Mahr Eric, Barkmeyer Dan, Burgess Eric. Alvarado Wilmer, Toas Samuel, Hogan Gregory. (June 2010). Review of Three Small-Satellite Cost Models. 2010 ISPA/SCEA Conference San Diego. CA June 2010. URL: <http://www.iceaaonline.com/ready/wp-content/uploads/2017/09/EST01A-Broder.pdf> ( - : 18.08.2020).
11. . . . . . 2012. . 18. 5. . 66–73.   
<https://doi.org/10.15407/knit2012.05.066>
12. . . . . 2- . . . . , 1980. 336 .
13. . . . . , 1982. . 28.
14. . . . . URL: <http://matlab.exponenta.ru/fuzzylogic/index.php>; ( 10.04.2021).

30.06.2021,  
01.10.2021