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1. Boyd R. L. F. Langmuir probes on spacecraft, in Plasma Diagnostics, Ed. By Lochte-Holtgreven. North-Holland Publ. Co., Amsterdam, 1968. P. 732–776.
2. Chung, P. M., Talbot L., Touryan K. J. Electric Probes in Stationary and Flowing Plasmas. Springer-Verlag, 1975. 150 p. <https://doi.org/10.1007/978-3-642-65886-0>
3. Online resource – https://ccmc.gsfc.nasa.gov/modelweb/models/iri2012_vitmo.php.
4. 2018. 1. . 107–120. <https://doi.org/10.15407/itm2018.01.107>
5. 2019. 4. . 107–118. <https://doi.org/10.15407/itm2019.04.107>
6. Lazuchenkov D. N., Lazuchenkov N. M. Determination of parameters of a dissociated supersonic rarefied plasma flow by current-voltage characteristics of isolated system of cylindrical probes. 2020. 2. . 80–88. <https://doi.org/10.15407/itm2020.02.080>
7. Mott-Smith H., Langmuir I. The theory of collectors in gaseous discharges. Phys. Rev. 1926. V. 28. 5. P. 727–763. <https://doi.org/10.1103/PhysRev.28.727>
8. Hoegy W. R., Wharton L. E. Current to a moving cylindrical electrostatic probe. Journal of Applied Physics. 1973. V. 44, No. 12. P. 5365–5371. <https://doi.org/10.1063/1.1662157>
9. Laframboise J. G. Theory of Spherical and Cylindrical Langmuir Probes in a Collisionless Maxwellian Plasma at Rest. Report No.100. Univ. of Toronto, Institute of Aerospace Studies. 1966. 210 p. <https://doi.org/10.21236/AD0634596>
10. Godard R., Laframboise J. Total current to cylindrical collectors in collision less plasma flow. Space Science. 1983. V. 31, 3. . 275–283. [https://doi.org/10.1016/0032-0633\(83\)90077-6](https://doi.org/10.1016/0032-0633(83)90077-6)

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