



General energy. Zajtsev G.F., ¹Samkov O.V., ²Bulgach T.V., ³Gradoboeva N.V., ⁴Lysenko D.O. Analysis of dynamic characteristics and accuracy improvement of analog and pulse compensation voltage stabilizers. – Kyiv: Institute of Electrodynamics of NAS of Ukraine, 2014. – 184 p. ISBN 978-966-02-7383-2

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2 – TOV “UA Wi Fi” , Kyiv

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4 – State Enterprise “The Ukrainian State Centre of Radio Frequencies”

In the monograph the problems of dynamic characteristics analysis are considered; problems of accuracy improvement of analog and pulse compensation voltage stabilizers are solved. The methods of accuracy improvement of voltage stabilizers are developed by introducing an open compensation bounding towards input voltage from the nominal value and bounding towards the load resistance. An invariance condition, under which the error voltage is equal to zero at any laws of variation of the input voltage, is obtained.

The monograph is oriented towards scientists and engineers; it also can be useful to postgraduate students and students in related disciplines.