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CHANGE OF DURATION OF CAPACITOR DISCHARGE TRANSIENTS FOR REGULATION OF BIPOLAR PULSE CURRENT IN LOAD

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Authors

S.S.Roziskulov¹, V.V.Mikhaylenko², Yu.V.Peretiatko²

¹ – Institute of Electrodynamics National Academy of Science of Ukraine,
pr. Peremohy, 56, Kyiv-57, 03680, Ukraine,
e-mail: roziskulov@mail.ru

² – NTUU "Kyiv Polytechnical Institute",
pr. Peremohy, 37, Kyiv, 03056, Ukraine,
e-mail: VladislavMihailenko@i.ua

Abstract

It is proposed to regulate the duration of bipolar pulse currents in the load by increasing the frequency of bipolar discharges of the storage capacitor of electro-pulse installations. Energetically expedient conditions of change both duration of capacitor discharge currents and capacitor charge voltage were defined. References 12, figures 3, table 1.

Key words: transients, capacitor, discharge, semi-conductor shaper, pulse, duration.

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