



**Authors:** YAGUP V.G., YAGUP K.V.

**Source:** Tekhnichna Elektrodynamika 5: 21–26, 2019 **DOI:** <https://doi.org/10.15407/techne.d2019.05.021>

**Subject Categories:** Conversion of electric energy parameters

**Title:** [Synchronous balanced regulation of multiphase system based on modulated diode-clamped inverters](#)

**Authors:** OLESCHUK V., ERMURATSKII V.

**Source:** Tekhnichna Elektrodynamika 5: 27–35, 2019 **DOI:** <https://doi.org/10.15407/techne.d2019.05.027>

**Title:** [Suppression of current harmonics feeding powerful single-phase loads](#)

**Authors:** VOLKOV I.V., STYAZHKIN V.P., PODEIKO P.P.

**Source:** Tekhnichna Elektrodynamika 5: 36–42, 2019 **DOI:** <https://doi.org/10.15407/techne.d2019.05.036>

**Title:** [Determination of the coefficient of the transformation of a current parameter bridge of a single-phase rectifier with parallel active-capacitive load](#)

**Authors:** SPIRIN V.M., HUBAREVICH V.M., MARUNYA Yu.V., SALKO S.V., GREBENYUK V.G.

**Source:** Tekhnichna Elektrodynamika 5: 43–48, 2019 **DOI:** <https://doi.org/10.15407/techne.d2019.05.043>

**Subject Categories:** Electromechanical energy conversion

**Title:** [The parametrization method of generalized induction motor using the field analysis for design](#)

**Author:** GOLOVAN I.V.

**Source:** Tekhnichna Elektrodynamika 5: 49–53, 2019 **DOI:** <https://doi.org/10.15407/techne.d2019.05.049>

**Title:** [Method for calculation of no-load back EMF of high voltage line-start permanent magnet synchronous motor](#)

**Authors:** HONGBO QIU, YONG ZHANG, CUNXIANG YANG, RAN YI.

**Source:** Tekhnichna Elektrodynamika 5: 54–59, 2019 **DOI:** <https://doi.org/10.15407/techne d2019.05.054>

**Subject Categories:** Electric power systems and installations

**Title:** [Simulation model of day ahead market with implicit consideration of power systems network constraints](#)

**Authors:** KYRYLENKO O.V., BLINOV I.V., PARUS Ye.V., IVANOV H.A.

**Source:** Tekhnichna Elektrodynamika 5: 60–67, 2019 **DOI:** <https://doi.org/10.15407/techne d2019.05.060>

**Title:** [An optimization approach based on improved artificial bee colony algorithm for location and capacity of grid-connected photovoltaic systems](#)

**Authors:** WANG HUI, PIAO ZAI-LIN, MENG XIAO-FANG, GUO DAN, WANG JUN.

**Source:** Tekhnichna Elektrodynamika 5: 68–76, 2019 **DOI:** <https://doi.org/10.15407/techne d2019.05.068>

**Subject Categories:** Electrotechnological complexes and systems

**Title:** [Improving the efficiency of high-voltage electric discharge installations which use exothermal dispersed media](#)

**Authors:** VOVCHENKO O.I., DEMYDENKO L. Yu., BLASHCHENKO O.D., STARKOV I.M.

**Source:** Tekhnichna Elektrodynamika 5: 77–82, 2019 **DOI:** <https://doi.org/10.15407/techne d2019.05.077>

**Subject Categories:** Information-measuring systems in power engineering

**Title:** [Complex for electric power equipments magnetic fields monitoring](#)

**Author:** MAZMANIAN R.O.

**Source:** Tekhnichna Elektrodynamika 5: 83–92, 2019 **DOI:** <https://doi.org/10.15407/techne.d2019.05.083>

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