

Title: [Features of sectioning the turns of the transforming element of the transformer-key actuating structure in the boost channel of the dc power system](#)

Authors: LYPKIVSKYI K.O., MOZHAROVSKYI A.G.

Source: Tekhnichna Elektrodynamika 6: 25–31, 2020 **DOI:** <https://doi.org/10.15407/techne.d2020.06.025>

Title: [Features of measurement and effective reducing of conductive noise caused by transistor converters](#)

Authors: GURIN V.K., PAVLOVSKYI V.O., YURCHENKO O.M.

Source: Tekhnichna Elektrodynamika 6: 32–35, 2020 **DOI:** <https://doi.org/10.15407/techne.d2020.06.032>

Subject Categories:      Electromechanical energy conversion

Title: [Combined control of gearless arc-core electric drive of a ship radar antenna](#)

Authors: STIAZHKIN V.P., ZAICHENKO O.A., GAVRYLUK S.I., TERIAIEV V.I.

Source: Tekhnichna Elektrodynamika 6: 36–42, 2020 **DOI:** <https://doi.org/10.15407/techne.d2020.06.036>

Subject Categories:      Electric power systems and installations

Title: [Determination of optimal characteristics of devices for voltage unbalance reducing in low voltage electric networks](#)

Authors: ZHARKIN A.F., PALACHOV S.O., PAZIEIEV A.G., MALAKHATKA D.O.

Source: Tekhnichna Elektrodynamika 6: 43–46, 2020 **DOI:** <https://doi.org/10.15407/techne.d2020.06.043>

Title: [Comprehensive evaluation system and method of medium and low voltage distribution network operation state](#)

Authors: SHIWEI SU, YIRAN YOU, YU ZOU

Source: Tekhnichna Elektrodynamika 6: 47–56, 2020 **DOI:** <https://doi.org/10.15407/techne.d2020.06.047>

Title: [Investigation of impedance-differential protection's algorithm as a fault locator for double-circuit transmission line](#)

Authors: HERLENDER J., IZYKOWSKI J., BRUSILOWICZ B.

Source: Tekhnichna Elektrodynamika 6: 57–60, 2020 **DOI:** <https://doi.org/10.15407/techne.d2020.06.057>

Subject Categories:      Electrotechnological complexes and systems

Title: [Electrotechnical complex for electrodynamic processing of welded joints](#)

Authors: LOBANOV L.M., KONDRATENKO I.P., MIKHALSKYI V.M., PASHCHIN M.O., KARLOV O.M., CHOPYK V.V., MYKHODUI O.L.

Source: Tekhnichna Elektrodynamika 6: 61–68, 2020 **DOI:** <https://doi.org/10.15407/techne.d2020.06.061>

Title: [Influence of winding ends on the parameters of pulse inductor with U-shaped core](#)

Author: KRYSHCHUK R.S.

Source: Tekhnichna Elektrodynamika 6: 69–76, 2020 **DOI:** <https://doi.org/10.15407/techne.d2020.06.069>

Title: [Analytical and CFD-calculation of the heat condition of foil windings of oil distributing transformers](#)

Authors: IVANKOV V.F., BASOVA A.V., KHIMJK I.V.

Source: Tekhnichna Elektrodynamika 6: 77–86, 2020 **DOI:** <https://doi.org/10.15407/techne.d2020.06.077>

Subject Categories:      Information-measuring systems in power engineering

Title: [Investigation of characteristics of precision amplifiers](#)

Authors: TESYK Yu.F., MOROZ R.M., TUZ Yu.M., KOZYR O.V.

Source: Tekhnichna Elektrodynamika 6: 87–93, 2020 **DOI:** <https://doi.org/10.15407/techne.d2020.06.087>

Title: [TO THE 75TH ANNIVERSARY of corresponding member of NAS of Ukraine V.Yu.Rozov](#)

Source: Tekhnichna Elektrodynamika 6: 94–95, 2020

Title: [IN MEMORY I.V.Pentegov](#)

Source: Tekhnichna Elektrodynamika 6: 96–96, 2020

Title: [INDEX for papers 2020](#)

Source: Tekhnichna Elektrodynamika 6: 97–100, 2020

Institute of Electrodynamics, 2020



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