

The List of Science Articles of Archil Zerekidze

1. T.Natenadze, A.Zerekidze. Comparison of series and separate excitation systems for DC Traction Motors. Energy magazine, No 4(88), 2018, Tbilisi.
2. T.Natenadze, A.Zerekidze, N.Kereselidze. Modernization of repairing of traction electric machines. Energy Magazine, No. 3(91)/2019, II, Technical University of Georgia, Faculty of Energy and Telecommunications. Series: Current energy problems and ways to solve them. Tbilisi.
3. T.Natenadze, A.Zerekidze, N.Kereselidze. Factors that lead to the optimal resource of traction motors and the optimal period of operation. Energy Magazine No. 1(97), 2021, Tbilisi.
4. T.Natenadze, A.Zerekidze, N.Kereselidze. Mathematical model of the power circuit of the DC mains electric motor for the study of the transient process. Energy magazine, No. 2 (98)/2021. Technical University of Georgia, Faculty of Energy and Telecommunications. Series: Modern energy problems and their solutions.
5. A.Zerekidze, T.Natenadze, N.Kereselidze. Possible ways to improve traction properties of DC electric locomotives equipped with commutator traction motors. "Energy" magazine No. 2 (106). 2023.
6. Lecture course: I. Bijamov, A. Zerekidze, T. Natenadze. Fundamentals of electromechanics. Publishing House "Technical University". Tbilisi, 2023. 196 p. ISBN 978-994128-945-3. 7.
7. Archil Zerekidze. Guidelines for Electrical Energy Conversion (Electrical Machines) Laboratory Works. Help Manual. Publishing House - Technical University, 2023. ISBN 978-9941-512-10-0
8. Sergo Karipidis, Avtandil Shervashidze, Mirian Tsotskhalashvili, Archil Zerekidze, Giorgi Tskhomelidze. Regenerative mode on DC electric locomotives with pulse-width voltage regulation on terminals of traction motors. Transport and Machinebuilding. Scientific-Technical Journal. Tbilisi, №2-3 (60-61), 2024.
9. T.Natenadze, A.Zerekidze, G.Bakhtadze, M.Qobalia. Failure statistics and Damage Analysis of Traction Motors of the TL-2K series. "Energy" magazine, №2 (113), 2025, Tbilisi.