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Scientific works - 2015-2025 years

1. **Pulsation flow of the laminar liquid with heat transfer.** V.Tsutskiridze, L.Jikidze, E.Elerdasvili. 2015 Tbilisi International Conference on Computer Sciences and Applied Mathematics (TICCSAM 2015). Conferences Proceedings, Tbilisi, 2015, March 21-23, pp.236-243. (in English) <http://ticcsam.sou.edu.ge>
2. **The conducting liquid flow between porous walls with heat transfer.** V.Tsutskiridze, L.Jikidze. Proceedings of A.Razmadze Mathematical Institute. Vol.167, pp. 73-89, 2015 (in English) ISSN 1512 0007
3. **Unsteady simultaneous rotation problem of the infinite porous plate and surrounding fluid with account of magnetic field and heat transfer in case of variable electric conductivity and injection velocity.** L.Jikidze, V.Tsutskiridze. Transactions of Georgian Technical University. Tbilisi, 2015, №3 (497), pp.195-203 (in English) <http://shromebi.gtu.ge>
4. **The non-stationary flow of a conducting fluid in a plane pipe in the presence of a transverse magnetic field.** V.Tsutskiridze, L.Jikidze. Proceedings of A.Razmadze Mathematical Institute. Vol.170, pp. 280-286, 2016 (in English) ISSN 1512 0007
5. **7. Unsteady rotation problem of the motion infinite porous plate with the falling stream of the conductive fluid with account of magnetic field and heat transfer in case of variable electric conductivity and injection velocity.** L.Jikidze, V.Tsutskiridze. Georgian Technical University. Works.Tbilisi, 2016, №3 (501), pp. 110-118 (in English) <http://shromebi.gtu.ge>
6. **Nonstationary flow of the conducting fluid near the rotating porous disk with regard to magnetic field and heat transfer.** L.Jikidze, V.Tsutskiridze. Georgian Technical University. Works.2017, №2(504), pp.169-175 (in Russian)<http://shromebi.gtu.ge>
7. **Non stationary flow of a conducting fluid squeezed between two parallel infinite rotating porous disks taking into account strong magnetic field and the heat transfer.** L.Jikidze, V.Tsutskiridze. Georgian Technical University. Works. Tbilisi, 2018, №4 (510), pp. 126-135 (in English) <http://shromebi.gtu.ge>
8. **The Flow of Weakly Electroconductive Liquid Between Porous Walls With Heat Transfer.** V.Tsutskiridze, L.Jikidze. AMIM. Tbilisi University Press. vol. 24, № 1, 2019, pp.32-45.(in English) www.viam.science.tsu.ge
9. **Nonstationary flow of a conducting fluid squeezed between two parallel rotating porous disks taking into account weak magnetic field and the heat transfer with variable electrical conductivity.** L.Jikidze, V.Tsutskiridze. E.ElerdaSvili. Georgian Technical University. Works. Tbilisi, 2020, №1 (515), pp. 161-168 (in Russian) <http://shromebi.gtu.ge>
10. **Nonstationary flow of conducting fluid squeezed between two parallel rotating porous disks taking into account the weak magnetic field and heat transfer with variable suction velocity.**

L.Jikidze, V.Tsutskiridze, E.ElerdaSvili. Building. Scientific-technical Journal. Tbilisi, 2021, №2 (58), pp. 99-103, mshen-journal.ge

11. **Stationary Task of the Boundary Layer Generated by the Rotation of a Porous Circular Plate in an Electrically Conductive Fluid With Respect to a Weak Magnetic Field and Heat Transfer at Variable Suction Velocity.** L.Jikidze, V.Tsutskiridze, E.ElerdaSvili. Georgian Technical University. Collection of scientific works. № 3 (525), 2022, pp.157-165 (in Georgian) <http://shromebi.gtu.ge>
12. **Magnetohydrodynamic Channel Flow Under Time-Dependent Pressure Gradient.** V.Tsutskiridze, L.Jikidze, M.Tsutskiridze, E.ElerdaSvili. Problems of Mechanics. International Scientific Journal. Tbilisi, 2022, №4 (89). pp. 43-49 (in English). ISSN 1512-0740
13. **Stationary Problem of Rotation of a Circular Porous Plate in an Electrically Conductive Fluid for Large Values of the Suction Velocity with Heat Transfer with Respect to a Weak Magnetic Field and Joule Heat.** L.Jikidze, V.Tsutskiridze, E.ElerdaSvili. Georgian Technical University. Collection of scientific works. № 3 (529), 2023, pp.123-132 (in Georgian). <http://shromebi.gtu.ge>
14. **The stationary problem of the boundary layer formed by the joint rotation of a porous circular plate and the surrounding conductive fluid taking into account the magnetic field and heat transfer in the case of variable suction velocity.** L.Jikidze, V.Tsutskiridze. BUILDING, Scientific-Technical Journal. № 1 (69), 2024, pp. 19-23. (in English) mshen-journal.ge, ISSN 152-3936, ISSN 2960-9682 (Online)
15. **Stationary Problem of the Flow of a Conductive Fluid Generated by the Rotation of a Circular Porous Disk Taking into Account the Magnetic Field.** L.Jikidze, V.Tsutskiridze, L.Kvartskhava. Georgian Technical University. Collection of scientific works. № 3(537) (printing) (in Georgian) <http://shromebi.gtu.ge>