

Публикации ТГУ по теме диссертации

1. Shulepova, E.V., Sheremet, M.A., Oztop, H.F., Abu-Hamdeh, N.
Mixed convection–radiation in lid-driven cavities with nanofluids and time-dependent heat-generating body
(2021) Journal of Thermal Analysis and Calorimetry, 146 (2), pp. 725-738.
2. Rashidi, M.M., Sadri, M., Sheremet, M.A.
Numerical simulation of hybrid nanofluid mixed convection in a lid-driven square cavity with magnetic field using high-order compact scheme
(2021) Nanomaterials, 11 (9), статья № 2250, .
3. Khashi'i'e, N.S., Arifin, N.M., Sheremet, M., Pop, I.
Shape factor effect of radiative Cu–Al₂O₃/H₂O hybrid nanofluid flow towards an EMHD plate
(2021) Case Studies in Thermal Engineering, 26, статья № 101199, .
4. Sheremet, M.A.
Applications of nanofluids
(2021) Nanomaterials, 11 (7), статья № 1716, .
5. Goodarzi, V., Jafarbeygi, S.H., Taheri, R.A., Sheremet, M., Ghalambaz, M.
Numerical investigation of mixing by induced electrokinetic flow in t-micromixer with conductive curved arc plate
(2021) Symmetry, 13 (6), статья № 915, .
6. Goswami, K.D., Chattopadhyay, A., Pandit, S.K., Sheremet, M.A.
Brownian motion of magnetonanofluid flow in an undulated partially heated enclosure
(2021) International Journal of Mechanical Sciences, 198, статья № 106346, .
7. Wang, W.-W., Cai, Y., Wang, L., Liu, C.-W., Zhao, F.-Y., Sheremet, M.A., Liu, D. A two-phase closed thermosyphon operated with nanofluids for solar energy collectors: Thermodynamic modeling and entropy generation analysis
(2020) Solar Energy, 211, pp. 192-209.
8. Alsabery, A.I., Sheremet, M.A., Sheikholeslami, M., Chamkha, A.J., Hashim, I.
Magnetohydrodynamics energy transport inside a double lid-driven wavy-walled chamber: Impacts of inner solid cylinder and two-phase nanoliquid approach
(2020) International Journal of Mechanical Sciences, 184, статья № 105846, .
9. Ma, Y., Mohebbi, R., Rashidi, M.M., Yang, Z., Sheremet, M.
Nanoliquid thermal convection in I-shaped multiple-pipe heat exchanger under magnetic field influence
(2020) Physica A: Statistical Mechanics and its Applications, 550, статья № 124028, .
10. Cimpean, D.S., Sheremet, M.A., Pop, I.
Mixed convection of hybrid nanofluid in a porous trapezoidal chamber
(2020) International Communications in Heat and Mass Transfer, 116, статья № 104627, .
11. Izadi, M., Bastani, B., Sheremet, M.A. Numerical simulation of thermogravitational energy transport of a hybrid nanoliquid within a porous triangular chamber using the two-phase mixture approach

(2020) *Advanced Powder Technology*, 31 (6), pp. 2493-2504.

12. Sheremet, M.A., Öztop, H.F., Abu-Hamdeh, N.

Thermogravitational convection of Al₂O₃-H₂O nanoliquid in a square chamber with intermittent blocks

(2020) *International Journal of Numerical Methods for Heat and Fluid Flow*, 30 (3), pp. 1365-1378.

13. Bondareva, N.S., Gibanov, N.S., Sheremet, M.A.

Computational study of heat transfer inside different PCMs enhanced by Al₂O₃ nanoparticles in a copper heat sink at high heat loads

(2020) *Nanomaterials*, 10 (2), статья № 284,

14. Izadi, M., Mohammadi, S.A., Mehryan, S.A.M., Yang, T., Sheremet, M.A.

Thermogravitational convection of magnetic micropolar nanofluid with coupling between energy and angular momentum equations

(2019) *International Journal of Heat and Mass Transfer*, 145, статья № 118748,

15. Pop, I., Sheremet, M.A.

Turbulent natural convection combined with entropy generation in a nanofluid cavity with non-uniformly heated side walls

(2019) *Journal of Physics: Conference Series*, 1366 (1), статья № 012049, .