Projekta Izp-2020/1-0076 rezultāti

Šķidruma mehānikas un siltuma vadīšanas sarežģīto dinamisko sistēmu analīze

Oriģināli zinātniskie raksti, kas publicēti zinātniskos žurnālos, rakstu krājumos vai konferenču rakstu krājumos, kuri ir indeksēti datu bāzēs Web of Science Core Collection, SCOPUS vai ERIH PLUS

1. A.Gritsans, A.Kolyshkin, F. Sadyrbaev, I. Yermachenko On the stability of a convective flow with nonlinear heat sources. - Mathematics, 2023, https://doi.org/10.3390/math11183895

2. A.Gritsans, V. Koliskina, A.Kolyshkin, F. Sadyrbaev Linear stability of a combined convective flow in an annulus. - Fluids, 2023, https://doi.org/10.3390/fluids8040130

3. M. Zigunovs, A. Kolyshkin, I. Iltins Linear stability of a steady convective flow between permeable cylinders. - Fluids, 2021, https://doi.org/10.3390/fluids6100342

4. M.Zigunovs, I. Iltins, M. Iltina Fluid driven thermal distribution in porous media applying parallel calculations. - JP Journal of Heat and Mass Transfer, 2021, http://dx.doi.org/10.17654/HM022020305

5. A.Kolyshkin, V. Koliskina, I. Volodko Stability of a convective flow generated by non-uniform heat sources in a transverse magnetic field. - JP Journal of Heat and Mass Transfer, 2022, http://dx.doi.org/10.17654/0973576322046

6. I. Samuilik, F. Sadyrbaev On a system without critical points arising in heat conductivity theory. - WSEAS Transactions on Heat and Mass Transfer, 2022, https://doi.org/10.37394/232012.2022.17.17

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10. A. Gristans, V. Koliskina, A. Kolyshkin, F. Sadyrbaev On the stability of a steady convective flow in a vertical layer of a chemically reacting fluid. - 9th edition of the International Conference on
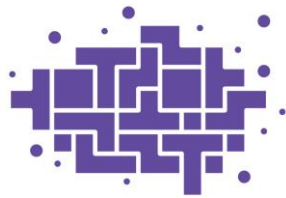
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11. A. Kolyshkin, V. Koliskina, I. Volodko Stability of combined steady convective flow in a vertical fluid layer with permeable boundaries. - AIP Conference Proceedings, 2022, https://doi.org/10.1063/5.0101360

12. V. Koliskina, A. Kolyshkin Stability of a decelerated flow in a plane channel. - 8th International Conference on Mechanical Engineering and Robotics Research, ICMERR, 2023, https://doi.org/10.1109/ICMERR59784.2023.10380143