

Seznam excelentních výsledků

Období: **2020**

Typ: M1 – základ

Součást: Matematicko-fyzikální fakulta UK

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- 3) BREIT, Dominic - FEIREISL, Eduard - HOFMANOVA, Martina - MASLOWSKI, Bohdan. Stationary solutions to the compressible Navier-Stokes system driven by stochastic forces. *Probability Theory and Related Fields*. 2019, **174**(3-4), 981-1032. ISSN 0178-8051. DOI 10.1007/s00440-018-0875-4.
- 4) BULÍČEK, Miroslav - KAPLICKÝ, Petr - PRAŽÁK, Dalibor. Uniqueness and regularity of flows of non-Newtonian fluids with critical power-law growth. *Mathematical Models and Methods in Applied Sciences*. 2019, **29**(6), ISSN 0218-2025. DOI 10.1142/S0218202519500209.
- 5) DANĚK, Kamil - HEYROVSKÝ, David. Triple-lens Gravitational Microlensing: Critical Curves for Arbitrary Spatial Configuration. *Astrophysical Journal*. 2019, **880**(2), 72. ISSN 0004-637X. DOI 10.3847/1538-4357/ab2982.
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- 8) GREBEN, Michael - KHOROSHYY, Petro - SYCHUGOV, Ilya - VALENTA, Jan. Non-exponential decay kinetics: correct assessment and description illustrated by slow luminescence of Si nanostructures. *Applied Spectroscopy Reviews*. 2019, **54**(9), 758-801. ISSN 0570-4928. DOI 10.1080/05704928.2018.1517263.
- 9) HOLTANOVÁ, Eva - MENDLIK, Thomas - KOLACEK, Jan - HOROVA, Ivanka - MIKŠOVSKÝ, Jiří. Similarities within a multi-model ensemble: functional data analysis framework. *Geoscientific Model Development*. 2019, **12**(2), 735-747. ISSN 1991-959X. DOI 10.5194/gmd-12-735-2019.

- 10) HUBIČKA, Jan - NEŠETŘIL, Jaroslav. All those Ramsey classes (Ramsey classes with closures and forbidden homomorphisms). *Advances in Mathematics*. 2019, **356**(listopad), 106791. ISSN 0001-8708. DOI 10.1016/j.aim.2019.106791.
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- 12) KADLECOVÁ, Alžběta - ŽONDA, Martin - POKORNÝ, Vladislav - NOVOTNÝ, Tomáš. Practical Guide to Quantum Phase Transitions in Quantum-Dot-Based Tunable Josephson Junctions. *Physical Review Applied*. 2019, **11**(4), 044094. ISSN 2331-7019. DOI 10.1103/PhysRevApplied.11.044094.
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