

# Seznam excelentních výsledků

Období: **2021**

Typ: M1 – základ

Součást: Matematicko-fyzikální fakulta UK

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- 3) BREIT, Breit - SCHWARZACHER, Sebastian. Compressible Fluids Interacting with a Linear-Elastic Shell. *Archive for Rational Mechanics and Analysis*. 2018, **228**(2), 495-562. ISSN 0003-9527. DOI 10.1007/s00205-017-1199-8.
- 4) BROM, Cyril - STÁRKOVÁ, Tereza - D'MELLO, Sidney K.. How effective is emotional design? A meta-analysis on facial anthropomorphisms and pleasant colors during multimedia learning. *Educational Research Review*. 2018, **25**(Neuveden.), 100-119. ISSN 1747-938X. DOI 10.1016/j.edurev.2018.09.004.
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- 6) ČÍŽKOVÁ, Hana - BINA, Craig R.. Linked influences on slab stagnation; Interplay between lower mantle viscosity structure, phase transitions, and plate coupling. *Earth and Planetary Science Letters*. 2019, **509**(2019), 88-99. ISSN 0012-821X. DOI 10.1016/j.epsl.2018.12.027.
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- 8) FU, Joseph H. G. - POKORNÝ, Dušan - RATAJ, Jan. Kinematic formulas for sets defined by differences of convex functions. *Advances in Mathematics*. 2017, **311**(April), 796-832. ISSN 0001-8708. DOI 10.1016/j.aim.2017.03.003.
- 9) GERGELITS, Tomáš - NIELSEN, Bjorn Fredrik - STRAKOŠ, Zdeněk. GENERALIZED SPECTRUM OF SECOND ORDER DIFFERENTIAL OPERATORS. *SIAM Journal on*

*Numerical Analysis*. 2020, **58**(4), 2193-2211. ISSN 0036-1429. DOI 10.1137/20M1316159.

- 10) GRAFAKOS, Loukas - HE, Danqing - HONZÍK, Petr. Rough bilinear singular integrals. *Advances in Mathematics*. 2018, **2018**(326), 54-78. ISSN 0001-8708. DOI 10.1016/j.aim.2017.12.013.
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- 13) HUBÁČEK, Pavel - YOGEV, Eylon. HARDNESS OF CONTINUOUS LOCAL SEARCH: QUERY COMPLEXITY AND CRYPTOGRAPHIC LOWER BOUNDS. *SIAM Journal on Computing*. 2020, **49**(6), 1128-1172. ISSN 0097-5397. DOI 10.1137/17M1118014.
- 14) HUSZÁR, Peter - KARLICKÝ, Jan - ĐOUBALOVÁ, Jana - ŠINDELÁŘOVÁ, Kateřina - NOVÁKOVÁ, Tereza - BELDA, Michal - HALENKA, Tomáš - ŽÁK, Michal - PIŠOFT, Petr. Urban canopy meteorological forcing and its impact on ozone and PM<sub>2.5</sub>: role of vertical turbulent transport. *Atmospheric Chemistry and Physics*. 2020, **20**(4), 1977-2016. ISSN 1680-7316. DOI 10.5194/acp-20-1977-2020.
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