

List of publications

Monographs

- [1] Opic, B. and Kufner, A. *Hardy-type inequalities*. Harlow, Longmann Scientific and Technical, 1990. 333 pp. Zbl 698.26007, MR:92b:26028.
- [2] W. D. Evans, A. Gogatishvili, B. Opic. *Weighted inequalities involving ρ -quasiconcave operators*. World Scientific Publishing Co., New Jersey, 2018. xv+140 pp. Zbl. 06932230.

Lecture notes

- [1] Dont, M., Něničková, A. a Opic, B. *Numerická matematika a matematická statistika – Úlohy*. Praha: ČVUT Praha, 1984. 220 s.
- [2] Dont, M. a Opic, B. *Matematická analýza III – Úlohy*. Praha: ČVUT Praha, 1982. 162 s.

Scientific papers

- [94] Neves, J. S., and Opic, B.; *Optimal local embeddings of Besov spaces involving only slowly varying smoothness*. J. Approx. Theory, 2020, vol. 254, 105393, 25 pp.
- [93] Gogatishvili, Neves, J. S., and Opic, B. *Characterization of embeddings of Sobolev-type spaces into generalized Hölder spaces defined by L^p -modulus of smoothness*. J. Funct. Anal., 2019, vol. 276, 636–657. <https://doi.org/10.1016/j.jfa.2018.10.023>
- [92] Caetano, A., Gogatishvili, A. and Opic, B. *Compactness in quasi-Banach function spaces and applications to compact embeddings of Besov-type spaces*. Proc. Royal Soc. Edinburgh 2016, vol. 146A, 905–927. Impact factor: 0.730, year 2015, DOI:10.1017/S0308210515000761
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- [89] Edmunds, D.E. and Opic, B. *Limiting variants of Krasnosel’skiĭ’s compact interpolation theorem*. J. Funct. Anal., 2014, vol. 266, 3265–3285. Impact factor: 1.252, year 2013, <http://authors.elsevier.com/sd/article/S0022123613004278>
- [88] Cobos, F., Gogatishvili, A., Opic, B. and Pick, L. *Interpolation of uniformly absolutely continuous operators*. Math. Nachr., 2013, vol. 286, no. 5–6, 579–599. Impact factor: 0.682, year: 2011, DOI 10.1002/mana.201100205
- [87] Opic, B. *Continuous and compact embeddings of Bessel-potential-type spaces*. In Spectral theory, function spaces and inequalities, 157–196, Oper. Theory Adv. Appl., 219, Birkhäuser/Springer Basel AG, Basel, 2012.
- [86] Gurka, P.; Opic, B. *Sharp Hardy inequalities of fractional order involving slowly varying functions*. J. Math. Anal. Appl., 2012, vol. 386, no. 2, 728–737. Impact factor: 1.001, year: 2011

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