

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

- [97] Opic, B. and Grover, M. *Relationship Between Limiting K -Spaces and J -Spaces in the Real Interpolation*. Math. Nachr. (2026): e70159.
<https://doi.org/10.1002/mana.70159>
- [96] Gogatishvili, A., Opic, B., Tikhonov, S. and Trebels, W. *A unified approach to inequalities for K -functionals and moduli of smoothness*. Math. Z. 307 (2024), no. 2, Paper No. 24, 41 pp.
Impact factor: 1.0, year: 2023
- [95] Opic, B., and Grover, M. *Description of K -spaces by means of J -spaces and the reverse problem in the limiting real interpolation*. Math. Nachr., 2023, 1-30.
<https://doi.org/10.1002/mana.202100545>
- [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.
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- [91] Gogatishvili, A., Moura, S. D., Neves, J. S., and Opic, B. *Embeddings of Sobolev-type spaces into generalized Hölder spaces involving k -modulus of smoothness*. Ann. Mat. Pura Appl., 2015, vol. (4) 194, no. 2, 425–450. Impact factor: 0.861, year 2015, doi:10.1007/s10231-013-0383-1
- [90] Gogatishvili, A., Opic, B., Tikhonov, S. and Trebels, W. *Ulyanov-type inequalities between Lorentz-Zygmund spaces*. J. Fourier Anal. Appl. 2014, vol. 20, no. 5, 1020-1049. Impact factor: 0.912, year 2015. DOI 10.1007/s00041-014-9343-4
- [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>

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