

2. Publications

Monographs

- [M1] *Integral Representation Theory: applications to convexity, Banach spaces and potential theory* (with J. Lukeš, J. Malý and J. Spurný), Walter de Gruyter, Berlin, 2010, xvi + 715 pp.
- [M2] *Jarník's notes of the lecture course Punktmengen und reelle Funktionen by P.S. Aleksandrov (Göttingen 1928)* (with M. Bečvářová), Matfyzpress, Prague, 2010, 148 pp.
- [M3] *Karl Löwner and his student Lipman Bers, Pre-war Prague mathematicians* (with M. Bečvářová), European Mathematical Society Publishing House, Heritage of European Mathematics, Zurich, 2015, 330 pp.
- [M4] *The impact of the First World War on the international cooperation of mathematicians* (Czech) (with M. Bečvářová), Česká technika - nakladatelství ČVUT, Praha, 2019, 240 pp.
- [M5] *The Development of Mathematics Between the World Wars*, M. Bečvářová (ed.), World Scientific Publishing Co. Pte. Ltd., Hackensack, NJ, <https://doi.org/10.1142/q0273>, 570 pp.

Publications containing new results

- [A1] *Solution of the problem N° 10* (author Jan Mařík) from 81 (1956), p. 470 (Czech), Časopis Pěst. Mat. **94** (1969), 223-225.
- [A2] *Solution of the problem N° 3* (author Jan Mařík) from 81 (1956), p. 247 (Czech), Časopis Pěst. Mat. **94** (1969), 362-364.
- [A3] *Smooth surfaces with infinite cyclic variation* (Czech), Časopis Pěst. Mat. **96** (1971), 86-101.
- [A4] *The Schwarz-Christoffel integrals* (Czech), Časopis Pěst. Mat. **96** (1971), 164-182.
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- [A6] *Solution of the problem N° 5* (author Jan Mařík) from 82 (1957), p. 365 (Czech), Časopis Pěst. Mat. **97** (1972), 208-209.
- [A7] *Generalized Robin problem in potential theory*, Czechoslovak Math. J. **22**(1972), 312-324.
- [A8] *An operator connected with the third boundary value problem in potential theory*, Czechoslovak Math. J. **22**(1972), 462-489.
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- [A11] *Solution of the problem N° 1* (author J. Král) from 97 (1972), p. 334 (Czech), Časopis Pěst. Mat. **99** (1974), 90-93.
- [A12] *Double layer potentials and the Dirichlet problem*, Czechoslovak Math. J. **24** (1974), 59-73.
- [A13] *Thinness and the heat equation*, Časopis Pěst. Mat. **99** (1974), 293-299.

- [A14] *Functions continuous in the fine topology for the heat equation* (with L. Zajíček), Časopis Pěst. Mat. **99** (1974), 300-306.
- [A15] *Continuity and maximum principle for potentials of signed measures*, Czechoslovak Math. J. **25** (1975), 309-316.
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Lecture Notes

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