

Jadranka Mičić Hot

Associate Professor, Faculty of Mechanical Engineering and
Naval Architecture, University of Zagreb
Dr. sc. University of Zagreb, 2001

Research interest: Operator theory; Functional analysis; Functional equations and inequalities

Recent publications:

- [1] J. Mičić, J. Pečarić, M. Praljak: „Levinson's inequality for Hilbert space operators“, to appear in **Journal Math. Ineq** (2015)
- [2] J. Mičić: „Refinements of quasi-arithmetic means inequalities for Hilbert space operators“, **Banach J. Math. Anal.** **9** (2015), 111–126.
- [3] M.S. Moslehian, J. Mičić, M. Kian: „Refinement of an operator inequality and its consequences“, **Top. Algebra Appl.** **1** (2013), 9-21.
- [4] J. Mičić, J. Pečarić, J. Perić: „Refined converses of Jensen's operator inequality“, **J. Inequal. Appl.** **353** (2013), 1-16.
- [5] M.S. Moslehian, J. Mičić, M. Kian: „An operator inequality and its consequences“, **Linear Algebra Appl.** **439** (2013), 584-591.

Selected publications:

- [1] J. Mičić, J. Pečarić, J. Perić: „Refined Jensen's operator inequality with condition on spectra“, **Oper. Matrices**, **7** (2013), No. 2, 293-308.
- [2] J. Mičić, K. Hot: „Inequalities among quasi-arithmetic means for continuous field of operators“, **Filomat** **26** (2012), 977-991.
- [3] J. Mičić, Z. Pavić, J. Pečarić, „The inequalities for quasi-arithmetic means“, **Abstr. Appl. Anal.** **2012** (2012), 1-25.
- [4] J. Mičić, J. Pečarić, Y. Seo: „Order among quasi-arithmetic means of positive operators“, **Math. Reports** **13** (63), No. 1 (2012)
- [5] J. Mičić, Z. Pavić, J. Pečarić: „Jensen's inequality for operators without operator convexity“, **Linear Algebra Appl.** **434** (2011), 1228-1237.