

Anita Matković

Assoc. Professor, Faculty of Electrical Engineering, Mechanical Engineering and Naval Architecture,
University of Split
PhD University of Zagreb, 2006.

Research interest: Analysis, Inequalities and applications.

Recent publications:

- [1] S. Ivelić, A. Matković, J. Pečarić, *On a Jensen-Mercer operator inequality*, **Banach Journal of Mathematical Analysis**, **5** (2011), no. **1**, 19-28.
- [2] J. Barić, A. Matković, J. Pečarić, *A variant of the Jensen-Mercer operator inequality for superquadratic functions*, **Mathematical and Computer Modeling**, **51** (2010), no. **9-10**, 1230-1239.
- [3] J. Barić, A. Matković, *Bounds for the normalized Jensen- Mercer functional*, **Journal of Mathematical Inequalities**, **3** (2009), no. **4**, 529-541.
- [4] M. Klaričić Bakula, A. Matković, J. Pečarić: *On a variant of Jensen's inequality for functions with nondecreasing increments*, **Journal of the Korean Mathematical Society**, **45** (2008), no. **3**, 821-834.
- [5] A. Matković, J. Pečarić, *On a variant of the Jensen- Mercer inequality for operators*, **Journal of Mathematical Inequalities**, **2** (2008), no. **3**, 299-307.

Selected publications:

- [1] W. S. Cheung, A. Matković, J. Pečarić, *A variant of Jessen's Inequality and generalized means*, **Journal of Inequalities in Pure and Applied Mathematics**, **7(1)** (2006), Art. 10.
- [2] M. Klaričić Bakula, A. Matković, J. Pečarić: *Variants of Čebyšev's inequality with applications*, **Journal of Inequalities and Applications**, Vol. 2006 (2006), Article ID 39692.
- [3] A. Matković, J. Pečarić, I. Perić, *A variant of Jensen's inequality of Mercer's type for operators with applications*, **Linear Algebra and its Applications**, **418** (2006), no. 2-3, 551-564.
- [4] M. Klaričić Bakula, A. Matković, J. Pečarić: *On the Jensen-Steffensen inequality for generalized convex functions*, **Periodica Mathematica Hungarica**, Vol. **55**, Issue 1 (2007), 19-34.
- [5] A. Matković, J. Pečarić, I. Perić, *Refinements of Jensen's inequality of Mercer's type for operator convex functions*, **Mathematical Inequalities & Applications**, **11** (2007), no. **1**, 113-126.