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PhD University of Zagreb, 2005.

Research interest: Analysis, Inequalities and applications.

## Recent publications:

- [1] M. Klaričić Bakula, *An improvement of the Hermite-Hadamard inequality for functions convex on the coordinates*, **Australian Journal of Mathematical Analysis and Applications**, Vol. **11**, Issue 1 (2014), Article 3.
- [2] S. Ivelić, M. Klaričić Bakula, J. Pečarić, *Cauchy type means related to the converse Jensen-Steffensen inequality*, **Rad HAZU**, Vol. **17** (2013), 123-138.
- [3] M. Klaričić Bakula, J. Pečarić, J. Perić, *Extensions of the Hermite-Hadamard inequality with applications*, **Mathematical Inequalities and Applications**, Vol. **15**, Issue 4 (2012), 899-921.
- [4] M. Klaričić Bakula, J. Pečarić, J. Perić, *On the converse Jensen inequality*, **Applied Mathematics and Computation**, Vol. **218** (2012), 6566-6575.
- [5] S. Ivelić, M. Klaričić Bakula, J. Pečarić: *Converse Jensen-Steffensen inequality*, **Aequationes Mathematicae**, Vol. **82**, Issue 3 (2011), 233-246.

## Selected publications:

- [1] S. Abramovich, M. Klaričić Bakula, M. Matić, J. Pečarić: *A variant of Jensen-Steffensen's inequality and quasi-arithmetic means*, **Journal of Mathematical Analysis and Applications**, Vol. **307** (2005), 370-386.
- [2] M. Klaričić Bakula, E. Neuman, J. Pečarić, V. Šimić: *Hermite-Hadamard's inequalities for multivariate  $g$ -convex functions*, **Mathematical Inequalities and Applications**, Vol. **8**, Issue 2 (2005), 305-319.
- [3] U. S. Kirmaci, M. Klaričić Bakula, M. E. Ozdemir, J. Pečarić: *Hadamard-type inequalities for  $s$ -convex functions*, **Applied Mathematics and Computation**, Vol. **193**, Issue 1 (2007), 26-35.
- [4] M. Klaričić Bakula, J. Pečarić, J. Perić, *On the converse Jensen inequality*, **Applied Mathematics and Computation**, Vol. **218** (2012), 6566-6575.