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PhD University of Zagreb, Department of Mathematics, 2011.

Research interest: Classical analysis, special functions, asymptotic expansions.

## Recent publications:

- [1] T. Burić: *Asymptotic behaviour of iterative Pythagorean means*, **Rad HAZU** (2015), to appear
- [2] T. Burić, N. Elezović: *Asymptotic expansion of the arithmetic-geometric mean and related inequalities*, **J. Math. Inequal.** (2015), to appear
- [3] T. Burić, N. Elezović, L. Vukšić: *Appell polynomials and asymptotic expansions*, **Mediterranean J. Math.** (2015), to appear
- [4] T. Burić, N. Elezović: *Asymptotic expansions of the binomial coefficients*, **J. Appl. Math. Comp.** **46** (2014), 135–145.
- [5] T. Burić, N. Elezović, L. Vukšić: *Asymptotic expansions of the gamma function and Wallis function through polygamma functions*, **Integral Transforms Spec. Funct.** **25** (2014), 163–172.

## Selected publications:

- [1] T. Burić, N. Elezović: *Asymptotic expansion of the arithmetic-geometric mean and related inequalities*, **J. Math. Inequal.** (2015), to appear
- [2] T. Burić, N. Elezović: *Asymptotic expansions of the binomial coefficients*, **J. Appl. Math. Comp.** **46** (2014), 135–145.
- [3] T. Burić, N. Elezović: *Approximants of the Euler-Mascheroni constant and harmonic numbers*, **Appl. Math. Comput.** **222** (2013), 604–611.
- [4] T. Burić and N. Elezović: *Bernoulli polynomials and asymptotic expansions of the quotient of gamma functions*, **J. Comput. Appl. Math.** **235** (2011), 3315–3331.
- [5] T. Burić and N. Elezović: *New asymptotic expansions of the gamma function and improvements of Stirling's type formulas*, **J. Comput. Anal. Appl.** **13** (2011), 785–795.