

**LISTA ARTICOLE STIINTIFICE CARE PREZINTA CONTRIBUTII ORIGINALE, IN EXTENSO,
PUBLICATE IN REVISTE CARE AU UN SCOR DE INFLUENTA MAI MARE SAU EGAL CU 0,5
CONF. DR. CRISTINEL MORTICI**

Numar publica	Referinta bibliografica	Publicat in ultimii 7 ani?	si	ni	si/ni
1	Error estimates of Ramanujan type series Ramanujan Journal, 27 (2011), no. 2, 169-172	X	0.84188	1	0.84188
2	On Ramanujans large argument formula for the gamma function Ramanujan Journal, 26 (2011), no. 2, 185-192	X	0.84188	1	0.84188
3	Ramanujan's estimate for the gamma function via monotonicity arguments Ramanujan Journal, 25 (2011), no. 2, 149-154	X	0.84188	1	0.84188
4	Sharp bounds of the Landau constants Mathematics of Computation, 80 (2011), 1011-1018	X	1.98137	1	1.98137
5	The best rational remainders in the Stirling formula Integral Transforms and Special Functions, 23 (2012), no. 1, 13-19	X	0.56988	1	0.56988
6	Sharp inequalities related to Gosper's formula C. R. Math. Sci. Paris, 348 (2010), no. 3-4, 137-140	X	0.74501	1	0.74501
7	Estimating the Somos' quadratic recurrence constant Journal of Number Theory, 130 (2010), no. 12, 2650-2657	X	0.80912	1	0.80912
8	Monotonicity properties of the volume of the unit ball in R_n Optimization Letters, 4 (2010), no. 3, 457-464	X	0.91601	1	0.91601
9	An ultimate extremely accurate formula for approximation of the factorial function Arch. Math. (Basel), 93 (2009), no. 1, 37-45	X	0.69801	1	0.69801
10	Arithmetic mean of values and value at mean of arguments for convex functions ANZIAM Journal, 50 (2008), no. 1, 137-141	X	0.55901	1	0.55901
11	Refinements of Gurland's formula for pi Computers and Mathematics with Applications, 62 (2011), no. 6, 2616-2620	X	1.07628	1	1.07628
12	The asymptotic series of the generalized Stirling formula Computers and Mathematics with Applications, 60 (2010), no. 3, 786-791	X	1.07628	1	1.07628
13	On new sequences converging towards the Euler-Mascheroni constant Computers and Mathematics with Applications, 59 (2010), no. 8, 2610-2614	X	1.07628	1	1.07628

14	A class of integral approximations for the factorial function Computers and Mathematics with Applications, 59 (2010), no. 6, 2053-2058	X	1.07628	1	1.07628
15	On some Euler-Mascheroni type sequences Computers and Mathematics with Applications, 60 (2010), no. 7, 2009-2014	X	1.07628	1	1.07628
16	The quotient of gamma functions by the psi function Computers and Mathematics with Applications, 30 (2011), no.3, 627-638	X	1.07628	1	1.07628
17	Improved asymptotic formulas for the gamma function Computers and Mathematics with Applications, 61 (2011), no. 11, 3364-3369	X	1.07628	1	1.07628
18	Estimating gamma function in terms of digamma function Mathematical and Computer Modelling, 52 (2010), no. 5-6, 942-946	X	0.88819	1	0.88819
19	New approximation formulas for evaluating the ratio of gamma functions Mathematical and Computer Modelling, 52 (2010), no. 1-2, 425-433	X	0.88819	1	0.88819
20	The proof of Muqattash-Yahdi conjecture Mathematical and Computer Modelling, 51 (2010), no. 9-10, 1154-1159	X	0.88819	1	0.88819
21	Asymptotic expansions of the generalized Stirling approximation Mathematical and Computer Modelling, 52 (2010), no. 9-10, 1867-1868	X	0.88819	1	0.88819
22	Accurate approximations of the Mathieu series Mathematical and Computer Modelling, 53 (2011), no. 5-6, 909-914	X	0.88819	1	0.88819
23	Completely monotone functions and the Wallis ratio Applied Mathematics Letters, 25 (2011), no. 4, 717-722	X	0.74689	1	0.74689
24	A substantial improvement of the Stirling formula Applied Mathematics Letters, 24 (2011), no. 8, 1351-1354	X	0.74689	1	0.74689
25	On the monotonicity and convexity of the remainder of the Stirling formula Applied Mathematics Letters, 24 (2011), no. 6, 869-871	X	0.74689	1	0.74689
26	New approximations of the gamma function in terms of the digamma function Applied Mathematics Letters, 23 (2010), no. 1, 97-100	X	0.74689	1	0.74689
27	Ramanujan formula for the generalized Stirling approximation Applied Mathematics and Computation, 217 (2010), no. 6, 2579-2585	X	0.60559	1	0.60559
28	New improvements of the Stirling formula Applied Mathematics and Computation, 217 (2010), no. 2, 699-704	X	0.60559	1	0.60559
29	Best estimates of the generalized Stirling formula Applied Mathematics and Computation, 215 (2010), no. 11, 4044-4048	X	0.60559	1	0.60559

30	Improved convergence towards generalized Euler-Mascheroni constant Applied Mathematics and Computation, 215 (2010), no. 9, 3443-3448	X	0.60559	1	0.60559
31	Estimating the digamma and trigamma functions by completely monotonicity arguments Applied Mathematics and Computation, 217 (2010), no. 8, 4081-4085	X	0.60559	1	0.60559
32	A new Stirling series as continued fraction Numerical Algorithms, 56 (2011), no. 1, 17-26	X	0.84472	1	0.84472
33	Accurate estimates of the gamma function involving the psi function Numer. Fct. Anal. Optimization, 32 (2011), no. 4, 469-476	X	0.57298	1	0.57298
34	Very accurate estimates of the polygamma functions Asymptotic Anal., 68 (2010), no. 3, 125-134	X	0.98602	1	0.98602
35	A coincidence degree for bifurcation problems Nonlinear Analysis - Theory. Methods. Applications, 53 (2003), no. 5, 715-721		0.87733	2	0.43866
Total:			<i>I</i> =		29.63685
			<i>Irecent</i> =		29.19819