List of Research Papers (2012)

1	Sanjeev Kumar, V. Kanwar and Sukhjit Singh	On some modified families of multipoint iterative methods for multiple roots of nonlinear equations.	Applied Mathematics and Computation, 218(14) (2012),7382-7394.	1.738
2	Raj Kumar, Sushma Gupta and Sukhjit Singh	Convolution properties of convex harmonic functions.	Int. J. Open Problems Complex Analysis, Vo.4, No.3 (2012).	
3	Raj Kumar, Sushma Gupta and Sukhjit Singh	A class of univalent harmonic functions defined by multiplier transformation.	Revue Roumaine de Mathematiques pures et appliques,57(4) (2012),371-382.	
4	Sarika Verma, Sushma Gupta and Sukhjit Singh	On an integral transform of a class of analytic functions.	Abstract and Applied Analysis, Vo. 2012, Article ID 259054, 10 pages.	1.274
5	Sarika Verma, Sushma Gupta and Sukhjit Singh	Bounds of Hankel determinant for a class of univalent functions.	Intern .J. Math Math Sci. Vol 2012,Artcle ID 47842, 9pages.	
6	V. Kanwar, S.K.Tomar,Sukhjit Singh and Sanjeev Kumar	Note on super Halley method and its variants.	Tamsui Oxford Journal of Information and Mathematical Sciences,28-2 (2012), 191-216.	
7	J.N.Sharma,D.K.Sharma and S.S.Dhaliwal	Free Vibration analysis of a viscothermoelastic solid sphere.	International Journal of Applied mathematics and mechanics, 8(11) (2012) 45-68.	
8	Jagan Nath Sharma, Dinesh KumarSharma and Sukhjit Singh Dhaliwal	Three dimensional free vibration analysis of a viscothermoelastic hollow sphere.	Open Journal of Acoustics 2012,2,12-24.	
9	Kaur, Rupinderjit; Singh, Mandeep; Aujla, Jaspal Singh; Moslehian, Mohammad Sal	A general double inequality related to operator means and positive linear maps.	Linear Algebra Appl. 437 (2012), n0. 3, 1016-1024.	0.973
10	Vinod Mishra and Sabina,	Wavelet-Galerkin Solutions of Ordinary Differential Equations.	International Journal of Mathematical Analysis, 5, 407-424.	0.211
11	Vinod Mishra, Harpret Kaur and R.C. Mittal	Haar Wavelet Solutions of Certain Differential, Integral and Integro-differential Equations.	International Journal of Applied Mathematics and Mechanics 8 (2012), 69-82.	
12	Harpreet Kaur, R.C. Mittal and Vinod Mishra	Haar Wavelet Quasilinearization Approach for Solving Lane Emden Equations.	International Journal of Mathematics and Computer Applications Research 2(2012), 47-60.	
13	Sabina and Vinod Mishra	Wavelet-Galerkin solution of one and two dimensional partial differential equations.	Journal of emerging trends in computing and Information sci., 3(2012) 1373-1378.	
14	J.R. Sharma and R.K. Guha	Second-derivative free methods of third and fourth order for solving nonlinear equations.	International Journal of Computer Mathematics, 88, pp. 163-170.	0.57
15	J.R. Sharma and Rajni Sharma	New third and fourth order nonlinear solvers for computing multiple roots.	Applied Mathematics and Computation, 217, pp. 9756-9764.	1.738
16	J.R. Sharma and Rajni Sharma	Some third order methods for solving systems of nonlinear equations.	World Academy of Science and Engineering and Technology, 5, pp. 886-893.	-
17	J.R. Sharma, R.K. Guha and Rajni Sharma,	Improved Ostrowski-like methods based on cubic curve interpolation.	Applied Mathematics, 2, pp. 816-823.	0.65
18	J.R. Sharma, R.K.Guha and Rajni Sharma	Some modified Newton's methods with fourth-order convergence.	Advances in Applied Science Research, 2, pp. 240-247.	-
19	B Gupta & VK Kukreja	Solution of diffusion dispersion model using Spline collocation method.	Indian J. of Industrial & Applied Mathematics, 3(2), 1-12.	
20	B Gupta & VK Kukreja,	Numerical approach for solving diffusion problems using cubic B-spline collocation method.	Applied Mathematics and Computation, 219(4), pp. 2087- 2099.	1.738

21	Chanchal Chawla, R. K. Mishra and Anirudh Pradhan	Anisotropic bianchi-I cosmoligal models in string cosmology with variable deceleration parameter.	Romanian J Physics.	1.758
22	Chanchal Chawla, R. K. Mishra and Anirudh Pradhan	String cosmological models from early deceleration.	European J Physics, 2012, 127-137.	1.753