

List of Research Papers (2017)

1	Sarika Verma, Sushma Gupta and Sukhjot Singh	Geometric properties of an integral operator.	Bull. Malays. Math.Sci.Soc, 40(1), 345-360.
2	Aggarwal, Anchal; Kapil Yogesh; Singh Mandeep	Contractive Maps on operator ideals and norm inequalities-II.	Linear Algebra Appl. 513(2017) 182-200.
3	Dimple Rani and Vinod Mishra	Approximate solution of Boundary Value Problem with Bernsein Polynomial Laplace Decomposition Method.	International Journal of Pure & applied Mathematics, 114(2017) 823-833.
4	M. S. Petkovic and J.R. Sharma	On some efficient derivative-free iterative methods with memory for solving systems of nonlinear equations	International Journal of Numerical Algorithms, 71(454-470)
5	J.R. Sharma and Himani Arora	A new family of optimal eighth order methods with dynamics for nonlinear equations	International Journal of Applied Mathematics and Computation,284(149-161)
6	J.R. Sharma	A note on the convergence order of some recent methods for solving nonlinear equations	International Journal of Applied Mathematics and Computation, 273(793-796)
7	J.R. Sharma and Himani Arora	A simple yet efficient derivative free family of seventh order methods for systems of nonlinear equations	International Journal of SEMA, 73(59-75)
8	J.R. Sharma and Himani Arora	A simple yet efficient derivative free family of seventh order methods for systems of nonlinear equations	International Journal of SEMA, DOI 10.1007/s40324-016-0085-X
9	J.R. Sharma, R. Sharma and A. Bahl	An improved Newton-Traub composition for solving systems of nonlinear equations	International Journal of Applied Mathematics and Computation, 290(98-110)
10	I.K.Argyros, J.R.Sharma and D. Kumar	Ball convergence of the Newton–Gauss method in Banach space	International Journal of SEMA, doi: 10.1007/s40324-016-0091-z
11	J. R. Sharma, I. K. Argyros and D. Kumar	On a general class of optimal order multipoint methods for solving non-linear equations	Journal of Mathematical Analysis and Applications, 449, pp.994-1014.
12	J. R. Sharma and Himani Arora	Efficient higher order derivative free multipoint methods with and without memory for systems of nonlinear equations	International Journal of Computer Mathematics, http://dx.doi.org/10.1080/00207160.2017.1298747 .
13	J. R. Sharma, I. K. Argyros	Local convergence of a Newton–Traub composition in Banach spaces	SeMA, doi 10.1007/s40324-017-0113-5.
14	R.K.Mishra & Avtar Chand	Bianchi-III Cosmological model in S'aez-Ballester theory of gravity with BVDP.	Journal of International Academy of Physical Sciences (2017), 20 (257-271)-ISSN: 0974-9373.
15	R.K.Mishra & Heena Dua	Cosmological models with bilinear deceleration parameters.	Journal of International Academy of Physical Sciences (2017), 20 (257-271)-ISSN: 0974-9373.