Ioannis Konstantinos Argyros

List of Publications by Citations

183 papers	1,127 citations	15 h-index	29 g-index
193 ext. papers	1,307 ext. citations	1.7 avg, IF	5.34 L-index

#	Paper	IF	Citations
183	Weaker conditions for the convergence of Newton's method. *Journal of Complexity*, **2012**, 28, 364-387	1.2	157
182	On the Newton–Kantorovich hypothesis for solving equations. *Journal of Computational and Applied Mathematics*, **2004**, 169, 315-332	2.4	104
181	On the convergence of an optimal fourth-order family of methods and its dynamics. *Applied Mathematics and Computation*, **2015**, 252, 336-346	2.7	70
180	Iterative Methods and Their Dynamics with Applications		65
179	Results on the Chebyshev method in banach spaces. *Proyecciones*, **1993**, 12, 119-128	0.5	64
178	A study on the local convergence and the dynamics of Chebyshev–Halley-type methods free from second derivative. *Numerical Algorithms*, **2016**, 71, 1-23	2.1	51
177	Local convergence for multi-point-parametric Chebyshev–Halley-type methods of high convergence order. *Journal of Computational and Applied Mathematics*, **2015**, 282, 215-224	2.4	38
176	Inertial Extra-Gradient Method for Solving a Family of Strongly Pseudomonotone Equilibrium Problems in Real Hilbert Spaces with Application in Variational Inequality Problem. *Symmetry*, **2020**, 12, 503	2.7	23
175	LOCAL CONVERGENCE FOR SOME THIRD-ORDER ITERATIVE METHODS UNDER WEAK CONDITIONS. *Journal of the Korean Mathematical Society*, **2016**, 53, 781-793		23
174	On an improved convergence analysis of Newton's method. *Applied Mathematics and Computation*, **2013**, 225, 372-386	2.7	22
173	Extending the applicability of the Gauss–Newton method under average Lipschitz-type conditions. *Numerical Algorithms*, **2011**, 58, 23-52	2.1	22
172	On the complexity of extending the convergence region for Traub's method. *Journal of Complexity*, **2020**, 56, 101423	1.2	20
171	Local convergence and the dynamics of a two-point four parameter Jarratt-like method under weak conditions. *Numerical Algorithms*, **2017**, 74, 371-391	2.1	16
170	Improved local analysis for a certain class of iterative methods with cubic convergence. *Numerical Algorithms*, **2012**, 59, 505-521	2.1	16
169	Newton's method for approximating zeros of vector fields on Riemannian manifolds. *Journal of Applied Mathematics and Computing*, **2009**, 29, 417-427	1.8	16
168	Local convergence and a chemical application of derivative free root finding methods with one parameter based on interpolation. *Journal of Mathematical Chemistry*, **2016**, 54, 1404-1416	2.1	15
167	Optimization Based Methods for Solving the Equilibrium Problems with Applications in Variational Inequality Problems and Solution of Nash Equilibrium Models. *Mathematics*, **2020**, 8, 822	2.3	13

166	A Self-Adaptive Extra-Gradient Methods for a Family of Pseudomonotone Equilibrium Programming with Application in Different Classes of Variational Inequality Problems. *Symmetry*, **2020**, 12, 523	2.7	13
165	A convergence analysis for directional two-step Newton methods. *Numerical Algorithms*, **2010**, 55, 503-528	2.1	13
164	Ball convergence theorems and the convergence planes of an iterative method for nonlinear equations. *SeMA Journal*, **2015**, 71, 39-55	1.2	12
163	Optimal One-Point Iterative Function Free from Derivatives for Multiple Roots. *Mathematics*, **2020**, 8, 709	2.3	11
162	On the local convergence of Weerakoon Fernando method with (omega) continuity condition in Banach spaces. *SeMA Journal*, **2020**, 77, 291-304	1.2	10
161	On the convergence of King Werner-type methods of order . *Applied Mathematics and Computation* , **2015**, 256, 148-159	2.7	10
160	On the solution of systems of equations with constant rank derivatives. *Numerical Algorithms*, **2011**, 57, 235-253	2.1	10
159	Newton Kantorovich approximations under weak continuity conditions. *Journal of Applied Mathematics and Computing*, **2011**, 37, 361-375	1.8	10
158	Local convergence for an almost sixth order method for solving equations under weak conditions. *SeMA Journal*, **2018**, 75, 163-171	1.2	9
157	Expanding the applicability of Newton s method using Smale s theory. *Journal of Computational and Applied Mathematics*, **2014**, 261, 183-200	2.4	9
156	Ball convergence of the Newton Gauss method in Banach space. *SeMA Journal*, **2017**, 74, 429-439	1.2	9
155	On the semilocal convergence of the Halley method using recurrent functions. *Journal of Applied Mathematics and Computing*, **2011**, 37, 221-246	1.8	9
154	Unified Convergence Criteria for Iterative Banach Space Valued Methods with Applications. *Mathematics*, **2021**, 9, 1942	2.3	9
153	Local convergence of a Newton Traub composition in Banach spaces. *SeMA Journal*, **2018**, 75, 57-68	1.2	8
152	Two-step Newton methods. *Journal of Complexity*, **2014**, 30, 533-553	1.2	8
151	Convergence conditions for secant-type methods. *Czechoslovak Mathematical Journal*, **2010**, 60, 253-272		8
150	Improved convergence analysis for Newton-like methods. *Numerical Algorithms*, **2016**, 71, 811-826	2.1	7
149	Extended convergence results for the Newton Kantorovich iteration. *Journal of Computational and Applied Mathematics*, **2015**, 286, 54-67	2.4	7

148	On the convergence of Newton-type methods under mild differentiability conditions. *Numerical Algorithms*, **2009**, 52, 701-726	2.1	7
147	Improving the order and rates of convergence for the Super-Halley method in Banach spaces. *Korean Journal of Computational and Applied Mathematics*, **1998**, 5, 465		7
146	Weak sufficient convergence conditions and applications for newton methods. *Journal of Applied Mathematics and Computing*, **2004**, 16, 1-17	1.8	7
145	Third-degree anomalies of Traub□ method. *Journal of Computational and Applied Mathematics*, **2017**, 309, 511-521	2.4	6
144	Local Convergence and the Dynamics of a Two-Step Newton-Like Method. *International Journal of Bifurcation and Chaos in Applied Sciences and Engineering*, **2016**, 26, 1630012	2	6
143	Iterative Methods for Nonlinear Equations or Systems and Their Applications. *Journal of Applied Mathematics*, **2013**, 2013, 1-2	1.1	6
142	Convergence Domains for Some Iterative Processes in Banach Spaces Using Outer or Generalized Inverses. *Journal of Computational Analysis and Applications*, **1999**, 1, 87-104		6
141	An Accelerated Extragradient Method for Solving Pseudomonotone Equilibrium Problems with Applications. *Axioms*, **2020**, 9, 99	1.6	6
140	New improved convergence analysis for Newton-like methods with applications. *Journal of Mathematical Chemistry*, **2017**, 55, 1505-1520	2.1	5
139	Iterative regularization methods for nonlinear ill-posed operator equations with m-accretive mappings in banach spaces. *Acta Mathematica Scientia*, **2015**, 35, 1318-1324	0.7	5
138	On the Gauss□Newton method. *Journal of Applied Mathematics and Computing*, **2011**, 35, 537-550	1.8	5
137	Inexact Newton-type methods. *Journal of Complexity*, **2010**, 26, 577-590	1.2	5
136	Two-Step Solver for Nonlinear Equations. *Symmetry*, **2019**, 11, 128	2.7	5
135	Study of a High Order Family: Local Convergence and Dynamics. *Mathematics*, **2019**, 7, 225	2.3	4
134	Local Convergence of an Optimal Eighth Order Method under Weak Conditions. *Algorithms*, **2015**, 8, 645-655	1.8	4
133	A derivative free iterative method for solving least squares problems. *Numerical Algorithms*, **2011**, 58, 555-571	2.1	4
132	A Convergence Analysis of Newton-Like Method for Singular Equations Using Recurrent Functions. *Numerical Functional Analysis and Optimization*, **2010**, 31, 112-130	1	4
131	On Ulm□ method using divided differences of order one. *Numerical Algorithms*, **2009**, 52, 295-320	2.1	4

130	Newton□ method on Lie groups. *Journal of Applied Mathematics and Computing*, **2009**, 31, 217-228	1.8	4
129	On the radius of convergence of newton's method. *International Journal of Computer Mathematics*, **2001**, 77, 389-400	1.2	4
128	Ball Convergence of an Efficient Eighth Order Iterative Method Under Weak Conditions. *Mathematics*, **2018**, 6, 260	2.3	4
127	Ball Convergence for a Family of Quadrature-Based Methods for Solving Equations in Banach Space. *International Journal of Computational Methods*, **2017**, 14, 1750017	1.1	3
126	Advances in the Semilocal Convergence of Newton□ Method with Real-World Applications. *Mathematics*, **2019**, 7, 299	2.3	3
125	New Improvement of the Domain of Parameters for Newton□ Method. *Mathematics*, **2020**, 8, 103	2.3	3
124	Design and Analysis of a New Class of Derivative-Free Optimal Order Methods for Nonlinear Equations. *International Journal of Computational Methods*, **2018**, 15, 1850010	1.1	3
123	General convergence conditions of Newton□ method for m-Fr□het differentiable operators. *Journal of Applied Mathematics and Computing*, **2013**, 43, 491-506	1.8	3
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121	A generalized Kantorovich theorem on the solvability of nonlinear equations. *Aequationes Mathematicae*, **2009**, 77, 99-105	0.7	3
120	An efficient class of fourth-order derivative-free method for multiple-roots. *International Journal of Nonlinear Sciences and Numerical Simulation*, **2021**,	1.8	3
119	Convergence Ball and Complex Geometry of an Iteration Function of Higher Order. *Mathematics*, **2019**, 7, 28	2.3	3
118	On a Two-Step Kurchatov-Type Method in Banach Space. *Mediterranean Journal of Mathematics*, **2019**, 16, 1	0.9	3
117	Unified Local Convergence for Newton□ Method and Uniqueness of the Solution of Equations under Generalized Conditions in a Banach Space. *Mathematics*, **2019**, 7, 463	2.3	2
116	An extension of a theorem by Wang for Smale□ □-theory and applications. *Numerical Algorithms*, **2015**, 68, 47-60	2.1	2
115	Extended Two-Step-Kurchatov Method for Solving Banach Space Valued Nondifferentiable Equations. *International Journal of Applied and Computational Mathematics*, **2020**, 6, 1	1.3	2
114	Local Convergence of an Ef□ient High Convergence Order Method Using Hypothesis Only on the First Derivative. *Algorithms*, **2015**, 8, 1076-1087	1.8	2
113	Iterative Methods for Nonlinear Equations or Systems and Their Applications 2014. *Journal of Applied Mathematics*, **2014**, 2014, 1-2	1.1	2

112	On the convergence of Newton-type methods using recurrent functions. *International Journal of Computer Mathematics*, **2010**, 87, 3273-3296	1.2	2
111	An improved local convergence analysis for a two-step Steffensen-type method. *Journal of Applied Mathematics and Computing*, **2009**, 30, 237-245	1.8	2
110	A Kantorovich-type analysis of Broyden's method using recurrent functions. *Journal of Applied Mathematics and Computing*, **2010**, 32, 353-368	1.8	2
109	A Kantorovich-type convergence analysis of the Newton–Josephy method for solving variational inequalities. *Numerical Algorithms*, **2010**, 55, 447-466	2.1	2
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107	On the convergence and application of Newton-like methods for analytic operators. *Journal of Applied Mathematics and Computing*, **2002**, 10, 41-50	1.8	2
106	Concerning the radius of convergence of Newton's method and applications. *Korean Journal of Computational and Applied Mathematics*, **1999**, 6, 451-462		2
105	Improved "posteriori error bounds for zincenko's iteration. *International Journal of Computer Mathematics*, **1994**, 51, 51-54	1.2	2
104	On the approximation of solutions of compact operator equations. *Proyecciones*, **1988**, 7, 29-46	0.5	2
103	Parameter-based algorithms for approximating local solution of nonlinear complex equations. *Proyecciones*, **1994**, 13, 53-61	0.5	2
102	Ball convergence for combined three-step methods under generalized conditions in Banach space. *Studia Universitatis Babes-Bolyai Mathematica*, **2020**, 65, 127-137	1	2
101	Extending the Applicability of Stirling's Method. *Mathematics*, **2020**, 8, 35	2.3	2
100	Extending the Applicability of a Seventh Order Method Without Inverses of Derivatives Under Weak Conditions. *International Journal of Applied and Computational Mathematics*, **2020**, 6, 1	1.3	2
99	A Family of Fifth and Sixth Convergence Order Methods for Nonlinear Models. *Symmetry*, **2021**, 13, 715	2.7	2
98	Extended iterative schemes based on decomposition for nonlinear models. *Journal of Applied Mathematics and Computing*,1	1.8	2
97	On a Bi-Parametric Family of Fourth Order Composite Newton–Jarratt Methods for Nonlinear Systems. *Mathematics*, **2019**, 7, 492	2.3	2
96	Three novel inertial explicit Tseng's extragradient methods for solving pseudomonotone variational inequalities. *Optimization*,1-34	1.2	2
95	Approximation Results for Variational Inequalities Involving Pseudomonotone Bifunction in Real Hilbert Spaces. *Symmetry*, **2021**, 13, 182	2.7	2

94	A New Semi-local Convergence Analysis of the Secant Method. *International Journal of Applied and Computational Mathematics*, **2017**, 3, 225-232	1.3	1
93	LOCAL CONVERGENCE OF JARRATT-TYPE METHODS WITH LESS COMPUTATION OF INVERSION UNDER WEAK CONDITIONS. *Mathematical Modelling and Analysis*, **2017**, 22, 228-236	1.3	1
92	Two-Step Solver for Equations with Nondifferentiable Term. *International Journal of Applied and Computational Mathematics*, **2019**, 5, 1	1.3	1
91	Local Convergence of a Family of Weighted-Newton Methods. *Symmetry*, **2019**, 11, 103	2.7	1
90	Method of Third-Order Convergence with Approximation of Inverse Operator for Large Scale Systems. *Symmetry*, **2020**, 12, 978	2.7	1
89	Direct Comparison between Two Third Convergence Order Schemes for Solving Equations. *Symmetry*, **2020**, 12, 1080	2.7	1
88	Newton-like methods with increasing order of convergence and their convergence analysis in Banach space. *SeMA Journal*, **2018**, 75, 545-561	1.2	1
87	Local convergence of Newton-HSS methods with positive definite Jacobian matrices under generalized conditions. *SeMA Journal*, **2018**, 75, 95-109	1.2	1
86	Expanding the applicability of the Gauss–Newton method for convex optimization under a majorant condition. *SeMA Journal*, **2014**, 65, 37-56	1.2	1
85	On the convergence of inexact two-step Newton-like algorithms using recurrent functions. *Journal of Applied Mathematics and Computing*, **2012**, 38, 41-61	1.8	1
84	Extending the Applicability of the MMN-HSS Method for Solving Systems of Nonlinear Equations under Generalized Conditions. *Algorithms*, **2017**, 10, 54	1.8	1
83	Convergence for iterative methods on Banach spaces of a convergence structure with applications to fractional calculus. *SeMA Journal*, **2015**, 71, 23-37	1.2	1
82	Newton-Type Methods on Generalized Banach Spaces and Applications in Fractional Calculus. *Algorithms*, **2015**, 8, 832-849	1.8	1
81	Semilocal Convergence of Steffensen-Type Algorithms for Solving Nonlinear Equations. *Numerical Functional Analysis and Optimization*, **2014**, 35, 1476-1499	1	1
80	On Newton-like methods of "bounded deterioration" using recurrent functions. *Aequationes Mathematicae*, **2010**, 79, 61-82	0.7	1
79	A unified approach for the convergence of certain numerical algorithms, using recurrent functions. *Computing (Vienna/New York)*, **2010**, 90, 131-164	2.2	1
78	An improved local convergence analysis for Newton–Steffensen-type method. *Journal of Applied Mathematics and Computing*, **2010**, 32, 111-118	1.8	1
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76	Relations between forcing sequences and inexact newton-like iterates in banach space. *International Journal of Computer Mathematics*, **1999**, 71, 235-246	1.2	1
75	Improved error bounds for the modified secant method. *International Journal of Computer Mathematics*, **1992**, 43, 99-109	1.2	1
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73	Extending the choice of starting points for Newton's method. *Mathematical Methods in the Applied Sciences*, **2020**, 43, 8042-8050	2.3	1
72	Extending the Convergence Domain of Methods of Linear Interpolation for the Solution of Nonlinear Equations. *Symmetry*, **2020**, 12, 1093	2.7	1
71	Geometrically Constructed Family of the Simple Fixed Point Iteration Method. *Mathematics*, **2021**, 9, 694	2.3	1
70	Local Convergence and Dynamical Analysis of a Third and Fourth Order Class of Equation Solvers. *Fractal and Fractional*, **2021**, 5, 27	3	1
69	Local Convergence Analysis of an Eighth Order Scheme Using Hypothesis Only on the First Derivative. *Algorithms*, **2016**, 9, 65	1.8	1
68	Different methods for solving STEM problems. *Journal of Mathematical Chemistry*, **2019**, 57, 1268-1281	2.1	1
67	A multistep Steffensen-type method for solving nonlinear systems of equations. *Mathematical Methods in the Applied Sciences*, **2020**, 43, 7518-7536	2.3	1
66	Extended and unified local convergence of k-step solvers for equations with applications. *Mathematical Methods in the Applied Sciences*, **2021**, 44, 7747-7755	2.3	1
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64	Improved semilocal convergence analysis in Banach space with applications to chemistry. *Journal of Mathematical Chemistry*, **2018**, 56, 1958-1975	2.1	1
63	Unified Semi-Local Convergence for k□Step Iterative Methods with Flexible and Frozen Linear Operator. *Mathematics*, **2018**, 6, 233	2.3	1
62	A Comparison Study of the Classical and Modern Results of Semi-Local Convergence of Newton-Kantorovich Iterations. *Mathematics*, **2022**, 10, 1225	2.3	1
61	The inertial iterative extragradient methods for solving pseudomonotone equilibrium programming in Hilbert spaces. *Journal of Inequalities and Applications*, **2022**, 2022,	2.1	1
60	Derivative Free Fourth Order Solvers of Equations with Applications in Applied Disciplines. *Symmetry*, **2019**, 11, 586	2.7	0
59	A Fr□het derivative-free cubically convergent method for set-valued maps. *Numerical Algorithms*, **2008**, 48, 361-371	2.1	0

58	On the Convergence of Newton-Like Methods Based on M-Fr□het Differentiable Operators and Applications in Radiative Transfer. *Journal of Computational Analysis and Applications*, **2002**, 4, 141-154		0
57	Semilocal convergence theorems for a certain class of iterative procedures. *Korean Journal of Computational and Applied Mathematics*, **2000**, 7, 29-40		0
56	A mesh independence principle for perturbed Newton-like methods and their discretizations. *Korean Journal of Computational and Applied Mathematics*, **2000**, 7, 139-159		0
55	On the Semi-Local Convergence of a Traub-Type Method for Solving Equations. *Foundations*, **2022**, 2, 114-127		0
54	An Efficient Mechanism to Solve Fractional Differential Equations Using Fractional Decomposition Method. *Symmetry*, **2021**, 13, 984	2.7	0
53	Extended Newton-type iteration for nonlinear ill-posed equations in Banach space. *Journal of Applied Mathematics and Computing*, **2019**, 60, 435-453	1.8	0
52	On the Local Convergence of a (p + 1)-Step Method of Order 2p + 1 for Solving Equations. *Foundations*, **2022**, 2, 242-250		0
51	Ball Comparison for Some Efficient Fourth Order Iterative Methods Under Weak Conditions. *Mathematics*, **2019**, 7, 89	2.3	
50	Improving Convergence Analysis of the Newton□Kurchatov Method under Weak Conditions. *Computation*, **2020**, 8, 8	2.2	
49	Local Comparison between Two Ninth Convergence Order Algorithms for Equations. *Algorithms*, **2020**, 13, 147	1.8	
48	Local Convergence of an Efficient Multipoint Iterative Method in Banach Space. *Algorithms*, **2020**, 13, 25	1.8	
47	Expanding the Applicability of Four Iterative Methods for Solving Least Squares Problems. *Annals of the West University of Timisoara: Mathematics and Computer Science*, **2017**, 55, 33-49	0	
46	Generalized iterative procedures and their applications to Banach space valued functions in abstract fractional calculus. *SeMA Journal*, **2018**, 75, 215-227	1.2	
45	A Krasnosel□skii□Zincenko-type method in (K!)-normed spaces for solving equations. *Computational and Applied Mathematics*, **2018**, 37, 2399-2412		
44	Extending the convergence domain of Newton□s method for twice Fr□het differentiable operators. *Analysis and Applications*, **2016**, 14, 303-319	2.5	
43	An improved convergence analysis of a one-step intermediate Newton iterative scheme for nonlinear equations. *Journal of Applied Mathematics and Computing*, **2012**, 38, 243-256	1.8	
42	Improved Chebyshev□Halley family of methods with seventh and eighth order of convergence for simple roots. *SeMA Journal*, **2017**, 74, 643-665	1.2	
41	Expanding the Applicability of Some High Order Household□der-Like Methods. *Algorithms*, **2017**, 10, 64	1.8	

40	Secant-type methods and nondiscrete induction. *Numerical Algorithms*, **2012**, 61, 397-412	2.1
39	Extending the applicability of Newton's method using nondiscrete induction. *Czechoslovak Mathematical Journal*, **2013**, 63, 115-141	
38	On the Convergence of Broyden-Like Methods Using Recurrent Functions. *Numerical Functional Analysis and Optimization*, **2010**, 32, 26-40	1
37	A mesh-independence principle for operators equations and the Steffensen method. *Korean Journal of Computational and Applied Mathematics*, **1997**, 4, 263-280	
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35	Local convergence theorems for Newton methods. *Korean Journal of Computational and Applied Mathematics*, **2001**, 8, 253-268	
34	An error analysis for a certain class of iterative methods. *Korean Journal of Computational and Applied Mathematics*, **2001**, 8, 519-529	
33	Concerning the monotone convergence of the method of tangent hyperbolas. *Korean Journal of Computational and Applied Mathematics*, **2000**, 7, 407	
32	The effect of rounding errors on Newton methods. *Korean Journal of Computational and Applied Mathematics*, **2000**, 7, 533-540	
31	On the applicability of two Newton methods for solving equations in Banach space. *Korean Journal of Computational and Applied Mathematics*, **1999**, 6, 267-275	
30	Affine invariant local convergence theorems for inexact Newton-like methods. *Korean Journal of Computational and Applied Mathematics*, **1999**, 6, 291-304	
29	On time dependent multistep dynamic processes. *Bulletin of the Australian Mathematical Society*, **1991**, 43, 51-61	0.4
28	On the Semi-Local Convergence of a Fifth-Order Convergent Method for Solving Equations. *Foundations*, **2022**, 2, 140-150	
27	Improved convergence ball and error analysis of M□ller's method. *Boletim Da Sociedade Paranaense De Matematica*,40, 1-6	0.4
26	Convergence Criteria of Three Step Schemes for Solving Equations. *Mathematics*, **2021**, 9, 3106	2.3
25	On the Semi-Local Convergence of an Ostrowski-Type Method for Solving Equations. *Symmetry*, **2021**, 13, 2281	2.7
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23	TWO CONTEMPORARY COMPUTATIONAL ASPECTS OF NUMERICAL ANALYSIS **2000**, 9-44	

22	An Optimal Reconstruction of Chebyshev–Halley-Type Methods with Local Convergence Analysis. *International Journal of Computational Methods*, **2020**, 17, 1940017	1.1
21	Study of Local Convergence and Dynamics of a King-Like Two-Step Method with Applications. *Mathematics*, **2020**, 8, 1062	2.3
20	Extending the Applicability of Newton's Algorithm with Projections for Solving Generalized Equations. *Applied System Innovation*, **2020**, 3, 30	2.4
19	On the Solution of Equations by Extended Discretization. *Computation*, **2020**, 8, 69	2.2
18	A study on the local convergence and complex dynamics of Kou's family of iterative methods. *SeMA Journal*,1	1.2
17	Ball Convergence of a Parametric Efficient Family of Iterative Methods for Solving Nonlinear Equations. *Foundations*, **2021**, 1, 23-31	
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15	Extended local and semilocal convergence for interpolatory iterative methods for nonlinear equations. *SeMA Journal*,1	1.2
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13	Ball convergence for a family of eight-order iterative schemes under hypotheses only of the first-order derivative. *International Journal of Computer Mathematics*, **2020**, 97, 444-454	1.2
12	Extending the Usage of Newton's Method with Applications to the Solution of Bratu's Equation. *Mathematics*, **2018**, 6, 274	2.3
11	Multistep modified Newton–Hermitian and Skew-Hermitian Splitting method **2018**, 89-103	
10	Gauss–Newton–Secant Method for Solving Nonlinear Least Squares Problems under Generalized Lipschitz Conditions. *Axioms*, **2021**, 10, 158	1.6
9	On the local convergence of efficient Newton-type solvers with frozen derivatives for nonlinear equations. *Computational and Mathematical Methods*,e1184	0.9
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7	On the Semi-Local Convergence of a Jarratt-Type Family Schemes for Solving Equations. *Foundations*, **2022**, 2, 234-241	
6	Extended convergence ball for an efficient eighth order method using only the first derivative. *SeMA Journal*,1	1.2
5	An extended radius of convergence comparison between two sixth order methods under general continuity for solving equations. *Advances in the Theory of Nonlinear Analysis and Its Applications*, **2022**, 6, 310-317	1

4 Extending King's Method for Finding Solutions of Equations. *Foundations*, **2022**, 2, 348-361

3 Extending the Local Convergence of a Seventh Convergence Order Method without Derivatives. *Foundations*, **2022**, 2, 338-347

2 On the complexity of convergence for high order iterative methods. *Journal of Complexity*, **2022**, 101678 1.2

1 A Comparison Study of the Classical and Modern Results of Semi-Local Convergence of Newton–Kantorovich Iterations-II. *Mathematics*, **2022**, 10, 1839 2.3