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Record 1 of 143**Title:** Traub-Gander's family for the simultaneous determination of multiple zeros of polynomials**Author(s):** Petkovic, MS (Petkovic, M. S.); Petkovic, LD (Petkovic, L. D.)**Source:** JOURNAL OF COMPUTATIONAL AND APPLIED MATHEMATICS **Volume:** 327 **Pages:** 362-371 **DOI:** 10.1016/j.cam.2017.07.001 **Published:** JAN 1 2018**Times Cited in Web of Science Core Collection:** 0**Total Times Cited:** 0**Accession Number:** WOS:000412792400025**ISSN:** 0377-0427**eISSN:** 1879-1778**Record 2 of 143****Title:** On a high-order one-parameter family for the simultaneous determination of polynomial roots**Author(s):** Petkovic, LD (Petkovic, L. D.); Petkovic, MS (Petkovic, M. S.)**Source:** APPLIED MATHEMATICS LETTERS **Volume:** 74 **Pages:** 94-101 **DOI:** 10.1016/j.aml.2017.05.013 **Published:** DEC 2017**Times Cited in Web of Science Core Collection:** 0**Total Times Cited:** 0**Accession Number:** WOS:000407981000014**ISSN:** 0893-9659**Record 3 of 143****Title:** New simultaneous root-finding methods with accelerated convergence for analytic functions**Author(s):** Rancic, LZ (Rancic, Lidija Z.); Petkovic, MS (Petkovic, Miodrag S.)**Source:** JOURNAL OF COMPUTATIONAL AND APPLIED MATHEMATICS **Volume:** 296 **Pages:** 228-236 **DOI:** 10.1016/j.cam.2015.09.030 **Published:** APR 2016**Times Cited in Web of Science Core Collection:** 0**Total Times Cited:** 0**Accession Number:** WOS:000367107200016**ISSN:** 0377-0427**eISSN:** 1879-1778**Record 4 of 143****Title:** On some efficient derivative-free iterative methods with memory for solving systems of nonlinear equations**Author(s):** Petkovic, MS (Petkovic, Miodrag S.); Sharma, JR (Sharma, Janak Raj)**Source:** NUMERICAL ALGORITHMS **Volume:** 71 **Issue:** 2 **Pages:** 457-474 **DOI:** 10.1007/s11075-015-0003-9 **Published:** FEB 2016**Times Cited in Web of Science Core Collection:** 0**Total Times Cited:** 0**Accession Number:** WOS:000369064500011**ISSN:** 1017-1398**eISSN:** 1572-9265**Record 5 of 143****Title:** On the guaranteed convergence of a cubically convergent Weierstrass-like root-finding method**Author(s):** Petkovic, MS (Petkovic, Miodrag S.); Rancic, LZ (Rancic, Lidija Z.)**Source:** INTERNATIONAL JOURNAL OF COMPUTER MATHEMATICS **Volume:** 92 **Issue:** 6 **Pages:** 1303-1312 **DOI:** 10.1080/00207160.2014.938063 **Published:** JUN 3 2015**Times Cited in Web of Science Core Collection:** 1**Total Times Cited:** 1**Accession Number:** WOS:000350111700013**ISSN:** 0020-7160**eISSN:** 1029-0265**Record 6 of 143****Title:** Hyper-power methods for the computation of outer inverses**Author(s):** Petkovic, MD (Petkovic, Marko D.); Petkovic, MS (Petkovic, Miodrag S.)**Source:** JOURNAL OF COMPUTATIONAL AND APPLIED MATHEMATICS **Volume:** 278 **Pages:** 110-118 **DOI:** 10.1016/j.cam.2014.09.024 **Published:** APR 15 2015**Times Cited in Web of Science Core Collection:** 4**Total Times Cited:** 4**Accession Number:** WOS:000347655800011**ISSN:** 0377-0427**eISSN:** 1879-1778**Record 7 of 143****Title:** Multi-step root solvers of Traub's type in real interval arithmetic**Author(s):** Petkovic, MS (Petkovic, Miodrag S.)**Source:** APPLIED MATHEMATICS AND COMPUTATION **Volume:** 248 **Pages:** 430-440 **DOI:** 10.1016/j.amc.2014.09.124 **Published:** DEC 1 2014**Times Cited in Web of Science Core Collection:** 0**Total Times Cited:** 0**Accession Number:** WOS:000345124800039**ISSN:** 0096-3003**eISSN:** 1873-5649**Record 8 of 143****Title:** On the guaranteed convergence of new two-point root-finding methods for polynomial zeros**Author(s):** Petkovic, MS (Petkovic, Miodrag S.); Rancic, LZ (Rancic, Lidija Z.)**Source:** NUMERICAL ALGORITHMS **Volume:** 67 **Issue:** 1 **Pages:** 187-222 **DOI:** 10.1007/s11075-013-9782-z **Published:** SEP 2014**Times Cited in Web of Science Core Collection:** 0

Total Times Cited: 0

Accession Number: WOS:000341433500011

ISSN: 1017-1398

eISSN: 1572-9265

Record 9 of 143

Title: Improved methods for the simultaneous inclusion of multiple polynomial zeros

Author(s): Milosevic, DM (Milosevic, D. M.); Petkovic, MS (Petkovic, M. S.); Milosevic, MR (Milosevic, M. R.)

Source: APPLIED MATHEMATICS AND COMPUTATION **Volume:** 241 **Pages:** 332-346 **DOI:** 10.1016/j.amc.2014.05.030 **Published:** AUG 15 2014

Times Cited in Web of Science Core Collection: 0

Total Times Cited: 0

Accession Number: WOS:000338734700031

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eISSN: 1873-5649

Record 10 of 143

Title: An efficient derivative free family of fourth order methods for solving systems of nonlinear equations

Author(s): Sharma, JR (Sharma, Janak Raj); Arora, H (Arora, Himani); Petkovic, MS (Petkovic, Miodrag S.)

Source: APPLIED MATHEMATICS AND COMPUTATION **Volume:** 235 **Pages:** 383-393 **DOI:** 10.1016/j.amc.2014.02.103 **Published:** MAY 25 2014

Times Cited in Web of Science Core Collection: 8

Total Times Cited: 8

Accession Number: WOS:000335898500040

ISSN: 0096-3003

eISSN: 1873-5649

Record 11 of 143

Title: ON AN EFFICIENT METHOD FOR THE SIMULTANEOUS APPROXIMATION OF POLYNOMIAL MULTIPLE ROOTS

Author(s): Petkovic, MS (Petkovic, Miodrag S.); Petkovic, LD (Petkovic, Ljiljana D.); Dzunic, J (Dzunic, Jovana)

Source: APPLICABLE ANALYSIS AND DISCRETE MATHEMATICS **Volume:** 8 **Issue:** 1 **Pages:** 73-94 **DOI:** 10.2298/AADM140310005P **Published:** APR 2014

Times Cited in Web of Science Core Collection: 1

Total Times Cited: 1

Accession Number: WOS:000333774800005

ISSN: 1452-8630

Record 12 of 143

Title: On an efficient simultaneous method for finding polynomial zeros

Author(s): Petkovic, MS (Petkovic, M. S.); Petkovic, LD (Petkovic, L. D.); Dzunic, J (Dzunic, J.)

Source: APPLIED MATHEMATICS LETTERS **Volume:** 28 **Pages:** 60-65 **DOI:** 10.1016/j.aml.2013.09.011 **Published:** FEB 2014

Times Cited in Web of Science Core Collection: 0

Total Times Cited: 0

Accession Number: WOS:000328524200012

ISSN: 0893-9659

Record 13 of 143

Title: Multipoint methods for solving nonlinear equations: A survey

Author(s): Petkovic, MS (Petkovic, Miodrag S.); Neta, B (Neta, Beny); Petkovic, LD (Petkovic, Ljiljana D.); Dzunic, J (Dzunic, Jovana)

Source: APPLIED MATHEMATICS AND COMPUTATION **Volume:** 226 **Pages:** 635-660 **DOI:** 10.1016/j.amc.2013.10.072 **Published:** JAN 1 2014

Times Cited in Web of Science Core Collection: 22

Total Times Cited: 22

Accession Number: WOS:000331496200057

ISSN: 0096-3003

eISSN: 1873-5649

Record 14 of 143

Title: On generalized biparametric multipoint root finding methods with memory

Author(s): Dzunic, J (Dzunic, Jovana); Petkovic, MS (Petkovic, Miodrag S.)

Source: JOURNAL OF COMPUTATIONAL AND APPLIED MATHEMATICS **Volume:** 255 **Pages:** 362-375 **DOI:** 10.1016/j.cam.2013.05.013 **Published:** JAN 1 2014

Times Cited in Web of Science Core Collection: 10

Total Times Cited: 10

Accession Number: WOS:000326201800029

ISSN: 0377-0427

eISSN: 1879-1778

Record 15 of 143

Title: A note on the priority of optimal multipoint methods for solving nonlinear equations

Author(s): Petkovic, MS (Petkovic, M. S.)

Source: APPLIED MATHEMATICS AND COMPUTATION **Volume:** 219 **Issue:** 10 **Pages:** 5249-5252 **DOI:** 10.1016/j.amc.2012.11.064 **Published:** JAN 15 2013

Times Cited in Web of Science Core Collection: 4

Total Times Cited: 4

Accession Number: WOS:000313825900031

ISSN: 0096-3003

eISSN: 1873-5649

Record 16 of 143

Title: Basic concepts

Author(s): Petkovic, MS (Petkovic, Miodrag S.); Neta, B (Neta, Beny); Petkovic, LD (Petkovic, Ljiljana D.); Dzunic, J (Dzunic, Jovana)

Book Author(s): Petkovic, MS (Petkovic, MS); Neta, B (Neta, B); Petkovic, LD (Petkovic, LD); Dzunic, J (Dzunic, J)

Source: MULTIPOINT METHODS FOR SOLVING NONLINEAR EQUATIONS **Pages:** 1-26 **DOI:** 10.1016/B978-0-12-397013-8.00001-7 **Published:** 2013

Times Cited in Web of Science Core Collection: 0

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ISBN: 978-0-12-397298-9; 978-0-12-397013-8

Record 17 of 143

Title: MULTIPOINT METHODS FOR SOLVING NONLINEAR EQUATIONS Preface

Author(s): Petkovic, MS (Petkovic, Miodrag S.); Neta, B (Neta, Beny); Petkovic, LD (Petkovic, Ljiljana D.); Dzunic, J (Dzunic, Jovana)

Book Author(s): Petkovic, MS (Petkovic, MS); Neta, B (Neta, B); Petkovic, LD (Petkovic, LD); Dzunic, J (Dzunic, J)

Source: MULTIPOINT METHODS FOR SOLVING NONLINEAR EQUATIONS **Pages:** IX-+ **Published:** 2013

Times Cited in Web of Science Core Collection: 0

Total Times Cited: 0

Accession Number: WOS:000325157000001

ISBN: 978-0-12-397298-9; 978-0-12-397013-8

Record 18 of 143

Title: Two-point methods

Author(s): Petkovic, MS (Petkovic, Miodrag S.); Neta, B (Neta, Beny); Petkovic, LD (Petkovic, Ljiljana D.); Dzunic, J (Dzunic, Jovana)

Book Author(s): Petkovic, MS (Petkovic, MS); Neta, B (Neta, B); Petkovic, LD (Petkovic, LD); Dzunic, J (Dzunic, J)

Source: MULTIPOINT METHODS FOR SOLVING NONLINEAR EQUATIONS **Pages:** 27-83 **DOI:** 10.1016/B978-0-12-397013-8.00002-9 **Published:** 2013

Times Cited in Web of Science Core Collection: 0

Total Times Cited: 0

Accession Number: WOS:000325157000003

ISBN: 978-0-12-397298-9; 978-0-12-397013-8

Record 19 of 143

Title: Three-point non-optimal methods

Author(s): Petkovic, MS (Petkovic, Miodrag S.); Neta, B (Neta, Beny); Petkovic, LD (Petkovic, Ljiljana D.); Dzunic, J (Dzunic, Jovana)

Book Author(s): Petkovic, MS (Petkovic, MS); Neta, B (Neta, B); Petkovic, LD (Petkovic, LD); Dzunic, J (Dzunic, J)

Source: MULTIPOINT METHODS FOR SOLVING NONLINEAR EQUATIONS **Pages:** 85-108 **DOI:** 10.1016/B978-0-12-397013-8.00003-0 **Published:** 2013

Times Cited in Web of Science Core Collection: 0

Total Times Cited: 0

Accession Number: WOS:000325157000004

ISBN: 978-0-12-397298-9; 978-0-12-397013-8

Record 20 of 143

Title: Three-point optimal methods

Author(s): Petkovic, MS (Petkovic, Miodrag S.); Neta, B (Neta, Beny); Petkovic, LD (Petkovic, Ljiljana D.); Dzunic, J (Dzunic, Jovana)

Book Author(s): Petkovic, MS (Petkovic, MS); Neta, B (Neta, B); Petkovic, LD (Petkovic, LD); Dzunic, J (Dzunic, J)

Source: MULTIPOINT METHODS FOR SOLVING NONLINEAR EQUATIONS **Pages:** 109-162 **DOI:** 10.1016/B978-0-12-397013-8.00004-2 **Published:** 2013

Times Cited in Web of Science Core Collection: 0

Total Times Cited: 0

Accession Number: WOS:000325157000005

ISBN: 978-0-12-397298-9; 978-0-12-397013-8

Record 21 of 143

Title: Higher-order optimal methods

Author(s): Petkovic, MS (Petkovic, Miodrag S.); Neta, B (Neta, Beny); Petkovic, LD (Petkovic, Ljiljana D.); Dzunic, J (Dzunic, Jovana)

Book Author(s): Petkovic, MS (Petkovic, MS); Neta, B (Neta, B); Petkovic, LD (Petkovic, LD); Dzunic, J (Dzunic, J)

Source: MULTIPOINT METHODS FOR SOLVING NONLINEAR EQUATIONS **Pages:** 163-188 **DOI:** 10.1016/B978-0-12-397013-8.00005-4 **Published:** 2013

Times Cited in Web of Science Core Collection: 0

Total Times Cited: 0

Accession Number: WOS:000325157000006

ISBN: 978-0-12-397298-9; 978-0-12-397013-8

Record 22 of 143

Title: Multipoint methods with memory

Author(s): Petkovic, MS (Petkovic, Miodrag S.); Neta, B (Neta, Beny); Petkovic, LD (Petkovic, Ljiljana D.); Dzunic, J (Dzunic, Jovana)

Book Author(s): Petkovic, MS (Petkovic, MS); Neta, B (Neta, B); Petkovic, LD (Petkovic, LD); Dzunic, J (Dzunic, J)

Source: MULTIPOINT METHODS FOR SOLVING NONLINEAR EQUATIONS **Pages:** 189-237 **DOI:** 10.1016/B978-0-12-397013-8.00006-6 **Published:** 2013

Times Cited in Web of Science Core Collection: 0

Total Times Cited: 0

Accession Number: WOS:000325157000007

ISBN: 978-0-12-397298-9; 978-0-12-397013-8

Record 23 of 143

Title: Simultaneous methods for polynomial zeros

Author(s): Petkovic, MS (Petkovic, Miodrag S.); Neta, B (Neta, Beny); Petkovic, LD (Petkovic, Ljiljana D.); Dzunic, J (Dzunic, Jovana)

Book Author(s): Petkovic, MS (Petkovic, MS); Neta, B (Neta, B); Petkovic, LD (Petkovic, LD); Dzunic, J (Dzunic, J)

Source: MULTIPOINT METHODS FOR SOLVING NONLINEAR EQUATIONS **Pages:** 239-280 **DOI:** 10.1016/B978-0-12-397013-8.00007-8 **Published:** 2013

Times Cited in Web of Science Core Collection: 0

Total Times Cited: 0

Accession Number: WOS:000325157000008

ISBN: 978-0-12-397298-9; 978-0-12-397013-8

Record 24 of 143

Title: Multipoint Methods for Solving Nonlinear Equations

Author(s): Petkovic, MS (Petkovic, MS); Neta, B (Neta, B); Petkovic, LD (Petkovic, LD); Dzunic, J (Dzunic, J)

Source: MULTIPOINT METHODS FOR SOLVING NONLINEAR EQUATIONS Pages: 1-299 Published: 2013

Times Cited in Web of Science Core Collection: 98

Total Times Cited: 98

Accession Number: WOS:000325157000009

ISBN: 978-0-12-397298-9; 978-0-12-397013-8

Record 25 of 143

Title: A cubically convergent Steffensen-like method for solving nonlinear equations

Author(s): Dzunic, J (Dzunic, Jovana); Petkovic, MS (Petkovic, Miodrag S.)

Source: APPLIED MATHEMATICS LETTERS Volume: 25 Issue: 11 Pages: 1881-1886 DOI: 10.1016/j.aml.2012.02.055 Published: NOV 2012

Times Cited in Web of Science Core Collection: 6

Total Times Cited: 6

Accession Number: WOS:000307326600056

ISSN: 0893-9659

Record 26 of 143

Title: On generalized multipoint root-solvers with memory

Author(s): Dzunic, J (Dzunic, Jovana); Petkovic, MS (Petkovic, Miodrag S.)

Source: JOURNAL OF COMPUTATIONAL AND APPLIED MATHEMATICS Volume: 236 Issue: 11 Pages: 2909-2920 DOI: 10.1016/j.cam.2012.01.035 Published: MAY 2012

Times Cited in Web of Science Core Collection: 23

Total Times Cited: 24

Accession Number: WOS:000301999000014

ISSN: 0377-0427

Record 27 of 143

Title: The improved Farmer-Loizou method for finding polynomial zeros

Author(s): Petkovic, MS (Petkovic, Miodrag S.); Rancic, L (Rancic, Lidija); Milosevic, M (Milosevic, Mimica)

Source: INTERNATIONAL JOURNAL OF COMPUTER MATHEMATICS Volume: 89 Issue: 4 Pages: 499-509 DOI: 10.1080/00207160.2011.641538 Published: 2012

Times Cited in Web of Science Core Collection: 1

Total Times Cited: 1

Accession Number: WOS:000300707000005

ISSN: 0020-7160

Record 28 of 143

Title: A Family of Three-Point Methods of Ostrowski's Type for Solving Nonlinear Equations

Author(s): Dzunic, J (Dzunic, Jovana); Petkovic, MS (Petkovic, Miodrag S.)

Source: JOURNAL OF APPLIED MATHEMATICS Article Number: 425867 DOI: 10.1155/2012/425867 Published: 2012

Times Cited in Web of Science Core Collection: 5

Total Times Cited: 5

Accession Number: WOS:000299543300001

ISSN: 1110-757X

Record 29 of 143

Title: Three-point methods with and without memory for solving nonlinear equations

Author(s): Dzunic, J (Dzunic, J.); Petkovic, MS (Petkovic, M. S.); Petkovic, LD (Petkovic, L. D.)

Source: APPLIED MATHEMATICS AND COMPUTATION Volume: 218 Issue: 9 Pages: 4917-4927 DOI: 10.1016/j.amc.2011.10.057 Published: JAN 2012

Times Cited in Web of Science Core Collection: 26

Total Times Cited: 26

Accession Number: WOS:000298293200022

ISSN: 0096-3003

Record 30 of 143

Title: Interpolatory multipoint methods with memory for solving nonlinear equations

Author(s): Petkovic, MS (Petkovic, Miodrag S.); Dzunic, J (Dzunic, Jovana); Neta, B (Neta, Beny)

Source: APPLIED MATHEMATICS AND COMPUTATION Volume: 218 Issue: 6 Pages: 2533-2541 DOI: 10.1016/j.amc.2011.07.068 Published: NOV 15 2011

Times Cited in Web of Science Core Collection: 15

Total Times Cited: 15

Accession Number: WOS:000296278800016

Author Identifiers:

Author	ResearcherID Number	ORCID Number
Neta, Beny		0000-0002-7417-7496

ISSN: 0096-3003

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Record 31 of 143

Title: A FAMILY OF TWO-POINT METHODS WITH MEMORY FOR SOLVING NONLINEAR EQUATIONS

Author(s): Petkovic, MS (Petkovic, Miodrag S.); Dzunic, J (Dzunic, Jovana); Petkovic, LD (Petkovic, Ljiljana D.)

Source: APPLICABLE ANALYSIS AND DISCRETE MATHEMATICS Volume: 5 Issue: 2 Pages: 298-317 DOI: 10.2298/AADM110905021P Published: OCT 2011

Times Cited in Web of Science Core Collection: 24

Total Times Cited: 24

Accession Number: WOS:000295490300010

ISSN: 1452-8630

Record 32 of 143

Title: New higher-order methods for the simultaneous inclusion of polynomial zeros

Author(s): Petkovic, MS (Petkovic, Miodrag S.); Milosevic, MR (Milosevic, Mimica R.); Milosevic, DM (Milosevic, Dusan M.)

Source: NUMERICAL ALGORITHMS Volume: 58 Issue: 2 Pages: 179-201 DOI: 10.1007/s11075-011-9452-y Published: OCT 2011

Times Cited in Web of Science Core Collection: 1

Total Times Cited: 1

Accession Number: WOS:000294475400003

ISSN: 1017-1398

Record 33 of 143

Title: Traub's accelerating generator of iterative root-finding methods

Author(s): Petkovic, MS (Petkovic, Miodrag S.); Dzunic, J (Dzunic, Jovana); Milosevic, M (Milosevic, Mimica)

Source: APPLIED MATHEMATICS LETTERS Volume: 24 Issue: 8 Pages: 1443-1448 DOI: 10.1016/j.aml.2011.03.027 Published: AUG 2011

Times Cited in Web of Science Core Collection: 4

Total Times Cited: 4

Accession Number: WOS:000291173400032

ISSN: 0893-9659

Record 34 of 143

Title: A family of optimal three-point methods for solving nonlinear equations using two parametric functions

Author(s): Dzunic, J (Dzunic, Jovana); Petkovic, MS (Petkovic, Miodrag S.); Petkovic, LD (Petkovic, Ljiljana D.)

Source: APPLIED MATHEMATICS AND COMPUTATION Volume: 217 Issue: 19 Pages: 7612-7619 DOI: 10.1016/j.amc.2011.02.055 Published: JUN 1 2011

Times Cited in Web of Science Core Collection: 22

Total Times Cited: 22

Accession Number: WOS:000290392900009

ISSN: 0096-3003

Record 35 of 143

Title: Efficient methods for the inclusion of polynomial zeros

Author(s): Petkovic, MS (Petkovic, Miodrag S.); Milosevic, MR (Milosevic, Mimica R.); Milosevic, DM (Milosevic, Dusan M.)

Source: APPLIED MATHEMATICS AND COMPUTATION Volume: 217 Issue: 19 Pages: 7636-7652 DOI: 10.1016/j.amc.2011.02.065 Published: JUN 1 2011

Times Cited in Web of Science Core Collection: 2

Total Times Cited: 2

Accession Number: WOS:000290392900011

ISSN: 0096-3003

Record 36 of 143

Title: On the new fourth-order methods for the simultaneous approximation of polynomial zeros

Author(s): Petkovic, MS (Petkovic, M. S.); Rancic, L (Rancic, L.); Milosevic, MR (Milosevic, M. R.)

Source: JOURNAL OF COMPUTATIONAL AND APPLIED MATHEMATICS Volume: 235 Issue: 14 Pages: 4059-4075 DOI: 10.1016/j.cam.2011.02.032 Published: MAY 15 2011

Times Cited in Web of Science Core Collection: 5

Total Times Cited: 5

Accession Number: WOS:000291767800008

ISSN: 0377-0427

Record 37 of 143

Title: A QUADRATICALLY CONVERGENT ITERATIVE METHOD FOR NONLINEAR EQUATIONS

Author(s): Yun, BI (Yun, Beong In); Petkovic, MS (Petkovic, Miodrag S.)

Source: JOURNAL OF THE KOREAN MATHEMATICAL SOCIETY Volume: 48 Issue: 3 Pages: 487-497 DOI: 10.4134/JKMS.2011.48.3.487 Published: MAY 2011

Times Cited in Web of Science Core Collection: 0

Total Times Cited: 0

Accession Number: WOS:000290348200004

Author Identifiers:

Author	ResearcherID Number	ORCID Number
Yun, Beong In		0000-0003-2889-4459

ISSN: 0304-9914

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Record 38 of 143

Title: REMARKS ON "ON A GENERAL CLASS OF MULTIPOINT ROOT-FINDING METHODS OF HIGH COMPUTATIONAL EFFICIENCY"

Author(s): Petkovic, MS (Petkovic, Miodrag S.)

Source: SIAM JOURNAL ON NUMERICAL ANALYSIS Volume: 49 Issue: 3 Pages: 1317-1319 DOI: 10.1137/100805340 Published: 2011

Times Cited in Web of Science Core Collection: 31

Total Times Cited: 32

Accession Number: WOS:000292033100019

ISSN: 0036-1429

Record 39 of 143

Title: Construction of optimal order nonlinear solvers using inverse interpolation

Author(s): Neta, B (Neta, B.); Petkovic, MS (Petkovic, M. S.)

Source: APPLIED MATHEMATICS AND COMPUTATION Volume: 217 Issue: 6 Pages: 2448-2455 DOI: 10.1016/j.amc.2010.07.045 Published: NOV 15 2010

Times Cited in Web of Science Core Collection: 31

Total Times Cited: 32

Accession Number: WOS:000283049300017

Author Identifiers:

Author	ResearcherID Number	ORCID Number
Neta, Beny	B-1737-2009	

Neta, Beny | 0000-0002-7417-7496

ISSN: 0096-3003

eISSN: 1873-5649

Record 40 of 143**Title:** Derivative free two-point methods with and without memory for solving nonlinear equations**Author(s):** Petkovic, MS (Petkovic, M. S.); Ilic, S (Ilic, S.); Dzunic, J (Dzunic, J.)**Source:** APPLIED MATHEMATICS AND COMPUTATION **Volume:** 217 **Issue:** 5 **Pages:** 1887-1895 **DOI:** 10.1016/j.amc.2010.06.043 **Published:** NOV 1 2010**Times Cited in Web of Science Core Collection:** 42**Total Times Cited:** 43**Accession Number:** WOS:000282320000009

ISSN: 0096-3003

eISSN: 1873-5649

Record 41 of 143**Title:** FAMILIES OF OPTIMAL MULTIPOINT METHODS FOR SOLVING NONLINEAR EQUATIONS: A SURVEY**Author(s):** Petkovic, MS (Petkovic, Miodrag S.); Petkovic, LD (Petkovic, Ljiljana D.)**Source:** APPLICABLE ANALYSIS AND DISCRETE MATHEMATICS **Volume:** 4 **Issue:** 1 **Pages:** 1-22 **DOI:** 10.2298/AADM100217015P **Published:** APR 2010**Times Cited in Web of Science Core Collection:** 34**Total Times Cited:** 34**Accession Number:** WOS:000282928200001

ISSN: 1452-8630

Record 42 of 143**Title:** Accelerating generators of iterative methods for finding multiple roots of nonlinear equations**Author(s):** Petkovic, MS (Petkovic, M. S.); Petkovic, LD (Petkovic, L. D.); Dzunic, J (Dzunic, J.)**Source:** COMPUTERS & MATHEMATICS WITH APPLICATIONS **Volume:** 59 **Issue:** 8 **Pages:** 2784-2793 **DOI:** 10.1016/j.camwa.2010.01.048 **Published:** APR 2010**Times Cited in Web of Science Core Collection:** 12**Total Times Cited:** 13**Accession Number:** WOS:000277746000036

ISSN: 0898-1221

Record 43 of 143**Title:** A class of three-point root-solvers of optimal order of convergence**Author(s):** Petkovic, LD (Petkovic, Ljiljana D.); Petkovic, MS (Petkovic, Miodrag S.); Dzunic, J (Dzunic, Jovana)**Source:** APPLIED MATHEMATICS AND COMPUTATION **Volume:** 216 **Issue:** 2 **Pages:** 671-676 **DOI:** 10.1016/j.amc.2010.01.123 **Published:** MAR 15 2010**Times Cited in Web of Science Core Collection:** 12**Total Times Cited:** 12**Accession Number:** WOS:000275739000035

ISSN: 0096-3003

Record 44 of 143**Title:** A family of three-point methods of optimal order for solving nonlinear equations**Author(s):** Thukral, R (Thukral, R.); Petkovic, MS (Petkovic, M. S.)**Source:** JOURNAL OF COMPUTATIONAL AND APPLIED MATHEMATICS **Volume:** 233 **Issue:** 9 **Pages:** 2278-2284 **DOI:** 10.1016/j.cam.2009.10.012 **Published:** MAR 1 2010**Times Cited in Web of Science Core Collection:** 51**Total Times Cited:** 53**Accession Number:** WOS:000274605100015

ISSN: 0377-0427

Record 45 of 143**Title:** On Schroder's families of root-finding methods**Author(s):** Petkovic, MS (Petkovic, M. S.); Petkovic, LD (Petkovic, L. D.); Herceg, D (Herceg, D.)**Source:** JOURNAL OF COMPUTATIONAL AND APPLIED MATHEMATICS **Volume:** 233 **Issue:** 8 **Pages:** 1755-1762 **DOI:** 10.1016/j.cam.2009.09.012 **Published:** FEB 15 2010**Times Cited in Web of Science Core Collection:** 11**Total Times Cited:** 11**Accession Number:** WOS:000273250300005

ISSN: 0377-0427

Record 46 of 143**Title:** On the improved Newton-like methods for the inclusion of polynomial zeros**Author(s):** Petkovic, MS (Petkovic, Miodrag S.); Milosevic, DM (Milosevic, Dusan M.); Petkovic, I (Petkovic, Ivan)**Source:** INTERNATIONAL JOURNAL OF COMPUTER MATHEMATICS **Volume:** 87 **Issue:** 8 **Pages:** 1726-1735 **DOI:** 10.1080/00207160802450174 **Published:** 2010**Times Cited in Web of Science Core Collection:** 1**Total Times Cited:** 1**Accession Number:** WOS:000279784900006

ISSN: 0020-7160

Record 47 of 143**Title:** ON A GENERAL CLASS OF MULTIPOINT ROOT-FINDING METHODS OF HIGH COMPUTATIONAL EFFICIENCY**Author(s):** Petkovic, MS (Petkovic, Miodrag S.)**Source:** SIAM JOURNAL ON NUMERICAL ANALYSIS **Volume:** 47 **Issue:** 6 **Pages:** 4402-4414 **DOI:** 10.1137/090758763 **Published:** 2010**Times Cited in Web of Science Core Collection:** 37**Total Times Cited:** 37**Accession Number:** WOS:000277836100016

ISSN: 0036-1429

Record 48 of 143

Title: The self-validated method for polynomial zeros of high efficiency

Author(s): Petkovic, MS (Petkovic, Miodrag S.)

Source: JOURNAL OF COMPUTATIONAL AND APPLIED MATHEMATICS **Volume:** 233 **Issue:** 4 **Pages:** 1175-1186 **DOI:** 10.1016/j.cam.2009.09.016 **Published:** DEC 15 2009

Times Cited in Web of Science Core Collection: 1

Total Times Cited: 1

Accession Number: WOS:000271796000026

ISSN: 0377-0427

eISSN: 1879-1778

Record 49 of 143

Title: A remark on He's variational iteration technique for solving nonlinear equations

Author(s): Petkovic, MS (Petkovic, M. S.)

Source: JOURNAL OF COMPUTATIONAL AND APPLIED MATHEMATICS **Volume:** 233 **Issue:** 4 **Pages:** 1187-1189 **DOI:** 10.1016/j.cam.2009.08.107 **Published:** DEC 15 2009

Times Cited in Web of Science Core Collection: 0

Total Times Cited: 0

Accession Number: WOS:000271796000027

ISSN: 0377-0427

Record 50 of 143

Title: On a simultaneous method of Newton-Weierstrass' type for finding all zeros of a polynomial

Author(s): Petkovic, MS (Petkovic, M. S.); Herceg, D (Herceg, D.); Petkovic, I (Petkovic, I.)

Source: APPLIED MATHEMATICS AND COMPUTATION **Volume:** 215 **Issue:** 7 **Pages:** 2456-2463 **DOI:** 10.1016/j.amc.2009.08.048 **Published:** DEC 1 2009

Times Cited in Web of Science Core Collection: 2

Total Times Cited: 5

Accession Number: WOS:000271640200007

ISSN: 0096-3003

eISSN: 1873-5649

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Record 51 of 143**Title:** Iterative methods based on the signum function approach for solving nonlinear equations**Author(s):** Yun, BI (Yun, Beong In); Petkovic, MS (Petkovic, Miodrag S.)**Source:** NUMERICAL ALGORITHMS **Volume:** 52 **Issue:** 4 **Pages:** 649-662 **DOI:** 10.1007/s11075-009-9305-0 **Published:** DEC 2009**Times Cited in Web of Science Core Collection:** 13**Total Times Cited:** 13**Accession Number:** WOS:000271736000009**Author Identifiers:**

Author	ResearcherID Number	ORCID Number
Yun, Beong In		0000-0003-2889-4459

ISSN: 1017-1398**Record 52 of 143****Title:** Chebyshev-like root-finding methods with accelerated convergence**Author(s):** Petkovic, MS (Petkovic, M. S.); Rancic, L (Rancic, L.); Petkovic, LD (Petkovic, L. D.); Ilic, S (Ilic, S.)**Source:** NUMERICAL LINEAR ALGEBRA WITH APPLICATIONS **Volume:** 16 **Issue:** 11-12 **Special Issue:** SI **Pages:** 971-994 **DOI:** 10.1002/nla.661 **Published:** NOV-DEC 2009**Times Cited in Web of Science Core Collection:** 3**Total Times Cited:** 3**Accession Number:** WOS:000271806800011**ISSN:** 1070-5325**eISSN:** 1099-1506**Record 53 of 143****Title:** A note on the improved derivative free root-solvers**Author(s):** Rancic, LZ (Rancic, Lidija Z.); Petkovic, MS (Petkovic, Miodrag S.)**Source:** JOURNAL OF COMPUTATIONAL AND APPLIED MATHEMATICS **Volume:** 223 **Issue:** 2 **Pages:** 535-539 **DOI:** 10.1016/j.cam.2007.12.008 **Published:** JAN 15 2009**Times Cited in Web of Science Core Collection:** 0**Total Times Cited:** 0**Accession Number:** WOS:000261898900001**ISSN:** 0377-0427**Record 54 of 143****Title:** A highly efficient root-solver of very fast convergence**Author(s):** Petkovic, MS (Petkovic, Miodrag S.)**Source:** APPLIED MATHEMATICS AND COMPUTATION **Volume:** 205 **Issue:** 1 **Special Issue:** SI **Pages:** 298-302 **DOI:** 10.1016/j.amc.2008.08.002 **Published:** NOV 1 2008**Times Cited in Web of Science Core Collection:** 3**Total Times Cited:** 3**Accession Number:** WOS:000260585900029**Conference Title:** International Conference on Life System Modeling and Simulation (LSMS)**Conference Date:** SEP 14-17, 2007**Conference Location:** Shanghai, PEOPLES R CHINA**ISSN:** 0096-3003**eISSN:** 1873-5649**Record 55 of 143****Title:** On new higher order families of simultaneous methods for finding polynomial zeros**Author(s):** Petkovic, MS (Petkovic, Miodrag S.)**Source:** LINEAR ALGEBRA AND ITS APPLICATIONS **Volume:** 429 **Issue:** 10 **Special Issue:** SI **Pages:** 2602-2622 **DOI:** 10.1016/j.laa.2007.10.028 **Published:** NOV 1 2008**Times Cited in Web of Science Core Collection:** 1**Total Times Cited:** 1**Accession Number:** WOS:000260271500022**ISSN:** 0024-3795**Record 56 of 143****Title:** Sigmoid-like functions and root finding methods**Author(s):** Petkovic, MS (Petkovic, Miodrag S.); Yun, BI (Yun, Beong In)**Source:** APPLIED MATHEMATICS AND COMPUTATION **Volume:** 204 **Issue:** 2 **Pages:** 784-793 **DOI:** 10.1016/j.amc.2008.07.017 **Published:** OCT 15 2008**Times Cited in Web of Science Core Collection:** 5**Total Times Cited:** 5**Accession Number:** WOS:000260017000030**Conference Title:** Workshop on New Approaches in Dynamic Optimization to Assessment of Economic and Environmental Systems**Conference Date:** DEC 05-07, 2006**Conference Location:** Int Inst Appl Syst Anal, Laxenburg, AUSTRIA**Conference Host:** Int Inst Appl Syst Anal**Author Identifiers:**

Author	ResearcherID Number	ORCID Number
Yun, Beong In		0000-0003-2889-4459

ISSN: 0096-3003**Record 57 of 143**

Title: ON THE SIMULTANEOUS IMPROVING K INCLUSION DISKS FOR POLYNOMIAL ZEROS

Author(s): Milosevic, DM (Milosevic, Dusan M.); Petkovic, MS (Petkovic, Miodrag S.)

Source: FILOMAT **Volume:** 22 **Issue:** 2 **Pages:** 9-21 **DOI:** 10.2298/FIL0802009M **Published:** OCT 2008

Times Cited in Web of Science Core Collection: 0

Total Times Cited: 0

Accession Number: WOS:000266527200002

ISSN: 0354-5180

Record 58 of 143

Title: An efficient higher order family of root finders

Author(s): Petkovic, LD (Petkovic, Ljiljana D.); Rancic, L (Rancic, Lidija); Petkovic, MS (Petkovic, Miodrag S.)

Source: JOURNAL OF COMPUTATIONAL AND APPLIED MATHEMATICS **Volume:** 216 **Issue:** 1 **Pages:** 56-72 **DOI:** 10.1016/j.cam.2007.04.015 **Published:** JUN 15 2008

Times Cited in Web of Science Core Collection: 3

Total Times Cited: 3

Accession Number: WOS:000255424900005

ISSN: 0377-0427

Record 59 of 143

Title: On the convergence condition of generalized root iterations for the inclusion of polynomial zeros

Author(s): Petkovic, MS (Petkovic, Miodrag S.); Milosevic, DM (Milosevic, Dusan M.)

Source: MATHEMATICS AND COMPUTERS IN SIMULATION **Volume:** 78 **Issue:** 1 **Pages:** 12-26 **DOI:** 10.1016/j.matcom.2007-05-002 **Published:** JUN 2008

Times Cited in Web of Science Core Collection: 0

Total Times Cited: 0

Accession Number: WOS:000255997600002

ISSN: 0378-4754

Record 60 of 143

Title: High order Euler-like method for the inclusion of polynomial zeros

Author(s): Petkovic, MS (Petkovic, M. S.); Milosevic, DM (Milosevic, D. M.); Petkovic, LD (Petkovic, L. D.)

Source: APPLIED MATHEMATICS AND COMPUTATION **Volume:** 196 **Issue:** 2 **Pages:** 762-773 **DOI:** 10.1016/j.amc.2007.07.007 **Published:** MAR 1 2008

Times Cited in Web of Science Core Collection: 2

Total Times Cited: 2

Accession Number: WOS:000253631700027

ISSN: 0096-3003

Record 61 of 143

Title: Point estimation of root finding methods - Preface

Author(s): Petkovic, MS (Petkovic, Miodrag S.)

Book Author(s): Petkovic, M (Petkovic, M)

Source: POINT ESTIMATION OF ROOT FINDING METHODS **Book Series:** Lecture Notes in Mathematics **Volume:** 1933 **Pages:** VII-+ **Published:** 2008

Times Cited in Web of Science Core Collection: 0

Total Times Cited: 0

Accession Number: WOS:000258321800001

ISSN: 0075-8434

eISSN: 1617-9692

ISBN: 978-3-540-77850-9

Record 62 of 143

Title: A posteriori error bound methods for the inclusion of polynomial zeros

Author(s): Petkovic, MS (Petkovic, Miodrag S.); Ilic, S (Ilic, Snezana); Petkovic, I (Petkovic, Ivan)

Source: JOURNAL OF COMPUTATIONAL AND APPLIED MATHEMATICS **Volume:** 208 **Issue:** 2 **Pages:** 316-330 **DOI:** 10.1016/j.cam.2006.09.014 **Published:** NOV 15 2007

Times Cited in Web of Science Core Collection: 3

Total Times Cited: 3

Accession Number: WOS:000249408100002

ISSN: 0377-0427

Record 63 of 143

Title: Point estimation of simultaneous methods for solving polynomial equations: A survey (II)

Author(s): Petkovic, MS (Petkovic, Miodrag S.); Petkovic, LD (Petkovic, Ljiljana D.); Rancic, LZ (Rancic, Lidija Z.)

Source: JOURNAL OF COMPUTATIONAL AND APPLIED MATHEMATICS **Volume:** 205 **Issue:** 1 **Pages:** 32-52 **DOI:** 10.1016/j.cam.2006.04.039 **Published:** AUG 1 2007

Times Cited in Web of Science Core Collection: 7

Total Times Cited: 7

Accession Number: WOS:000246994600004

ISSN: 0377-0427

Record 64 of 143

Title: A one parameter square root family of two-step root-finders

Author(s): Petkovic, MS (Petkovic, Miodrag S.); Petkovic, LD (Petkovic, Ljiljana D.)

Source: APPLIED MATHEMATICS AND COMPUTATION **Volume:** 188 **Issue:** 1 **Pages:** 339-344 **DOI:** 10.1016/j.amc.2006.09.122 **Published:** MAY 1 2007

Times Cited in Web of Science Core Collection: 10

Total Times Cited: 10

Accession Number: WOS:000247191700040

ISSN: 0096-3003

Record 65 of 143

Title: ON THE NEWTON-LIKE METHOD FOR THE INCLUSION OF A POLYNOMIAL ZERO

Author(s): Petkovic, LD (Petkovic, Ljiljana D.); Petkovic, MS (Petkovic, Miodrag S.)

Source: APPLICABLE ANALYSIS AND DISCRETE MATHEMATICS Volume: 1 Issue: 1 Pages: 217-227 Published: APR 2007

Times Cited in Web of Science Core Collection: 0

Total Times Cited: 0

Accession Number: WOS:000207680600016

ISSN: 1452-8630

Record 66 of 143

Title: A note on some recent methods for solving nonlinear equations

Author(s): Petkovic, LD (Petkovic, Ljiljana D.); Petkovic, MS (Petkovic, Miodrag S.)

Source: APPLIED MATHEMATICS AND COMPUTATION Volume: 185 Issue: 1 Pages: 368-374 DOI: 10.1016/j.amc.2006.06.118 Published: FEB 1 2007

Times Cited in Web of Science Core Collection: 18

Total Times Cited: 18

Accession Number: WOS:000244987700034

ISSN: 0096-3003

Record 67 of 143

Title: Comments on the Basto-Semiao-Calheiros root finding method

Author(s): Petkovic, MS (Petkovic, Miodrag S.)

Source: APPLIED MATHEMATICS AND COMPUTATION Volume: 184 Issue: 2 Pages: 143-148 DOI: 10.1016/j.amc.2006.05.201 Published: JAN 15 2007

Times Cited in Web of Science Core Collection: 3

Total Times Cited: 3

Accession Number: WOS:000246431500001

ISSN: 0096-3003

eISSN: 1873-5649

Record 68 of 143

Title: Construction of zero-finding methods by Weierstrass functions

Author(s): Petkovic, MS (Petkovic, M. S.); Petkovic, LD (Petkovic, L. D.)

Source: APPLIED MATHEMATICS AND COMPUTATION Volume: 184 Issue: 2 Pages: 351-359 DOI: 10.1016/j.amc.2006.05.159 Published: JAN 15 2007

Times Cited in Web of Science Core Collection: 5

Total Times Cited: 5

Accession Number: WOS:000246431500020

ISSN: 0096-3003

Record 69 of 143

Title: On a cubically convergent derivative-free root finding method

Author(s): Petkovic, MS (Petkovic, Miodrag S.); Petkovic, LD (Petkovic, Ljiljana D.)

Source: INTERNATIONAL JOURNAL OF COMPUTER MATHEMATICS Volume: 84 Issue: 4 Pages: 505-513 DOI: 10.1080/00207160701223102 Published: 2007

Times Cited in Web of Science Core Collection: 5

Total Times Cited: 5

Accession Number: WOS:000247251200007

ISSN: 0020-7160

Record 70 of 143

Title: On the convergence of the sequences of Gerschgorin-like disks

Author(s): Petkovic, MS (Petkovic, Miodrag S.); Petkovic, LD (Petkovic, Ljiljana D.)

Source: NUMERICAL ALGORITHMS Volume: 42 Issue: 3-4 Pages: 363-377 DOI: 10.1007/s11075-006-9040-8 Published: JUL 2006

Times Cited in Web of Science Core Collection: 3

Total Times Cited: 3

Accession Number: WOS:000242287600010

Conference Title: International Conference on Applied Linear Algebra held in Honor of Richard Varga

Conference Date: OCT 13-15, 2006

Conference Location: Palic, SERBIA

ISSN: 1017-1398

Record 71 of 143

Title: A family of root-finding methods with accelerated convergence

Author(s): Petkovic, MS (Petkovic, MS); Rancic, LZ (Rancic, LZ)

Source: COMPUTERS & MATHEMATICS WITH APPLICATIONS Volume: 51 Issue: 6-7 Pages: 999-1010 DOI: 10.1016/j.camwa.2005.10.013 Published: MAR-APR 2006

Times Cited in Web of Science Core Collection: 4

Total Times Cited: 8

Accession Number: WOS:000237882100012

ISSN: 0898-1221

Record 72 of 143

Title: On a new family of simultaneous methods with corrections for the inclusion of polynomial zeros

Author(s): Petkovic, MS (Petkovic, M. S.); Milosevic, DM (Milosevic, D. M.)

Source: INTERNATIONAL JOURNAL OF COMPUTER MATHEMATICS Volume: 83 Issue: 3 Pages: 299-317 DOI: 10.1080/00207160600727310 Published: MAR 2006

Times Cited in Web of Science Core Collection: 5

Total Times Cited: 5

Accession Number: WOS:000240751000005

ISSN: 0020-7160

Record 73 of 143

Title: A new higher-order family of inclusion zero-finding methods

Author(s): Petkovic, MS (Petkovic, MS); Milosevic, DM (Milosevic, DM)

Source: JOURNAL OF COMPUTATIONAL AND APPLIED MATHEMATICS Volume: 182 Issue: 2 Pages: 416-432 DOI:

10.1016/j.cam.2004.12.020 **Published:** OCT 15 2005

Times Cited in Web of Science Core Collection: 5

Total Times Cited: 5

Accession Number: WOS:000229993800013

ISSN: 0377-0427

Record 74 of 143

Title: Improved Halley-like methods for the inclusion of polynomial zeros

Author(s): Petkovic, MS (Petkovic, MS); Milosevic, D (Milosevic, D)

Source: APPLIED MATHEMATICS AND COMPUTATION **Volume:** 169 **Issue:** 1 **Pages:** 417-436 **DOI:** 10.1016/j.amc.2004.10.047 **Published:** OCT 1 2005

Times Cited in Web of Science Core Collection: 6

Total Times Cited: 6

Accession Number: WOS:000232698000029

ISSN: 0096-3003

Record 75 of 143

Title: A higher order family for the simultaneous inclusion of multiple zeros of polynomials

Author(s): Petkovic, MS (Petkovic, MS); Milosevic, DM (Milosevic, DM)

Source: NUMERICAL ALGORITHMS **Volume:** 39 **Issue:** 4 **Pages:** 415-435 **DOI:** 10.1007/s11075-004-8199-0 **Published:** AUG 2005

Times Cited in Web of Science Core Collection: 10

Total Times Cited: 10

Accession Number: WOS:000228266500004

ISSN: 1017-1398

Record 76 of 143

Title: Weierstrass-like methods with corrections for the inclusion of polynomial zeros

Author(s): Petkovic, LD (Petkovic, LD); Petkovic, MS (Petkovic, MS); Milosevic, D (Milosevic, D)

Source: COMPUTING **Volume:** 75 **Issue:** 1 **Pages:** 55-69 **DOI:** 10.1007/s00607-004-0114-y **Published:** JUL 2005

Times Cited in Web of Science Core Collection: 0

Total Times Cited: 1

Accession Number: WOS:000230565300005

Conference Title: GAMM Workshop on Guaranteed Error-Bounds for the Solution of Nonlinear Problems in Applied Mathematics

Conference Date: SEP 01-05, 2004

Conference Location: Munich, GERMANY

ISSN: 0010-485X

Record 77 of 143

Title: Derivative free inclusion methods for polynomial zeros

Author(s): Petkovic, MS (Petkovic, MS); Milosevic, D (Milosevic, D)

Source: COMPUTING **Volume:** 75 **Issue:** 1 **Pages:** 71-83 **DOI:** 10.1007/s00607-004-0115-x **Published:** JUL 2005

Times Cited in Web of Science Core Collection: 2

Total Times Cited: 2

Accession Number: WOS:000230565300006

Conference Title: GAMM Workshop on Guaranteed Error-Bounds for the Solution of Nonlinear Problems in Applied Mathematics

Conference Date: SEP 01-05, 2004

Conference Location: Munich, GERMANY

ISSN: 0010-485X

Record 78 of 143

Title: A new fourth-order family of simultaneous methods for finding polynomial zeros

Author(s): Petkovic, MS (Petkovic, MS); Rancic, L (Rancic, L)

Source: APPLIED MATHEMATICS AND COMPUTATION **Volume:** 164 **Issue:** 1 **Pages:** 227-248 **DOI:** 10.1016/j.amc.2004.04.036 **Published:** MAY 5 2005

Times Cited in Web of Science Core Collection: 4

Total Times Cited: 4

Accession Number: WOS:000228221600016

ISSN: 0096-3003

Record 79 of 143

Title: Family of simultaneous methods of Hansen-Patrick's type

Author(s): Petkovic, MS (Petkovic, MS); Sakurai, T (Sakurai, T); Rancic, L (Rancic, L)

Source: APPLIED NUMERICAL MATHEMATICS **Volume:** 50 **Issue:** 3-4 **Pages:** 489-510 **DOI:** 10.1016/j.apnum.2004.01.004 **Published:** SEP 2004

Times Cited in Web of Science Core Collection: 8

Total Times Cited: 8

Accession Number: WOS:000223087500011

ISSN: 0168-9274

Record 80 of 143

Title: On the guaranteed convergence of the square-root iteration method

Author(s): Petkovic, MS (Petkovic, MS); Rancic, L (Rancic, L)

Source: JOURNAL OF COMPUTATIONAL AND APPLIED MATHEMATICS **Volume:** 170 **Issue:** 1 **Pages:** 169-179 **DOI:** 10.1016/j.cam.2003.12.040 **Published:** SEP 1 2004

Times Cited in Web of Science Core Collection: 3

Total Times Cited: 3

Accession Number: WOS:000222648300008

ISSN: 0377-0427

Record 81 of 143

Title: On the guaranteed convergence of the fourth order simultaneous method for polynomial zeros

Author(s): Petkovic, MS (Petkovic, MS); Rancic, L (Rancic, L)

Source: APPLIED MATHEMATICS AND COMPUTATION **Volume:** 155 **Issue:** 2 **Pages:** 531-543 **DOI:** 10.1016/S0096-3003(03)00798-7 **Published:** AUG

6 2004

Times Cited in Web of Science Core Collection: 1**Total Times Cited:** 1**Accession Number:** WOS:000223276900020**ISSN:** 0096-3003

Record 82 of 143**Title:** The convergence of a family of parallel zero-finding methods**Author(s):** Petkovic, MS (Petkovic, MS); Ilic, S (Ilic, S); Rancic, L (Rancic, L)**Source:** COMPUTERS & MATHEMATICS WITH APPLICATIONS **Volume:** 48 **Issue:** 3-4 **Pages:** 455-467 **DOI:** 10.1016/j.camwa.2004.01.010 **Published:** AUG 2004**Times Cited in Web of Science Core Collection:** 3**Total Times Cited:** 3**Accession Number:** WOS:000224364400011**ISSN:** 0898-1221

Record 83 of 143**Title:** Higher-order simultaneous methods for the determination of polynomial multiple zeros**Author(s):** Petkovic, MS (Petkovic, MS); Petkovic, LD (Petkovic, LD); Rancic, L (Rancic, L)**Source:** INTERNATIONAL JOURNAL OF COMPUTER MATHEMATICS **Volume:** 80 **Issue:** 11 **Pages:** 1407-1427 **DOI:** 10.1080/0020716031000148151 **Published:** NOV 2003**Times Cited in Web of Science Core Collection:** 2**Total Times Cited:** 2**Accession Number:** WOS:000187064700008**ISSN:** 0020-7160**eISSN:** 1029-0265

Record 84 of 143**Title:** Laguerre-like inclusion method for polynomial zeros**Author(s):** Petkovic, MS (Petkovic, MS)**Source:** JOURNAL OF COMPUTATIONAL AND APPLIED MATHEMATICS **Volume:** 152 **Issue:** 1-2 **Pages:** 451-465 **Article Number:** PII S0377-0427(02)00723-9 **DOI:** 10.1016/S0377-0427(02)00723-9 **Published:** MAR 1 2003**Times Cited in Web of Science Core Collection:** 3**Total Times Cited:** 3**Accession Number:** WOS:000181415800033**Conference Title:** International Conference on Recent Advances in Computational Mathematics**Conference Date:** OCT 10-13, 2001**Conference Location:** MATSUYAMA, JAPAN**ISSN:** 0377-0427

Record 85 of 143**Title:** Schroder-like methods for the simultaneous inclusion of polynomial zeros**Author(s):** Petkovic, MS (Petkovic, MS); Petkovic, LD (Petkovic, LD)**Edited by:** Herzberger J**Source:** INCLUSION METHODS FOR NONLINEAR PROBLEMS: WITH APPLICATIONS IN ENGINEERING, ECONOMICS AND PHYSICS **Book Series:** COMPUTING SUPPLEMENTUM **Volume:** 16 **Pages:** 185-197 **Published:** 2003**Times Cited in Web of Science Core Collection:** 0**Total Times Cited:** 0**Accession Number:** WOS:000180232200014**Conference Title:** International GAMM Workshop on Inclusion Methods for Nonlinear Problems**Conference Date:** DEC 15-18, 2000**Conference Location:** MUNICH, GERMANY**ISSN:** 0344-8029**ISBN:** 3-211-83852-X

Record 86 of 143**Title:** Interval root-finding methods of Laguerre's type**Author(s):** Petkovic, LD (Petkovic, LD); Petkovic, MS (Petkovic, MS); Zivkovic, D (Zivkovic, D)**Edited by:** Herzberger J**Source:** INCLUSION METHODS FOR NONLINEAR PROBLEMS: WITH APPLICATIONS IN ENGINEERING, ECONOMICS AND PHYSICS **Book Series:** COMPUTING SUPPLEMENTUM **Volume:** 16 **Pages:** 199-211 **Published:** 2003**Times Cited in Web of Science Core Collection:** 0**Total Times Cited:** 0**Accession Number:** WOS:000180232200015**Conference Title:** International GAMM Workshop on Inclusion Methods for Nonlinear Problems**Conference Date:** DEC 15-18, 2000**Conference Location:** MUNICH, GERMANY**ISSN:** 0344-8029**ISBN:** 3-211-83852-X

Record 87 of 143**Title:** Comments on some recent methods for the simultaneous determination of polynomial zeros**Author(s):** Petkovic, MS (Petkovic, MS)**Source:** JOURNAL OF COMPUTATIONAL AND APPLIED MATHEMATICS **Volume:** 145 **Issue:** 2 **Pages:** 519-524 **Article Number:** PII S0377-0427(02)00432-6 **DOI:** 10.1016/S0377-0427(02)00432-6 **Published:** AUG 15 2002**Times Cited in Web of Science Core Collection:** 0**Total Times Cited:** 0**Accession Number:** WOS:000177318600019**ISSN:** 0377-0427

Record 88 of 143**Title:** Point estimation of simultaneous methods for solving polynomial equations: a survey

Author(s): Petkovic, MS (Petkovic, MS); Herceg, D (Herceg, D)

Source: JOURNAL OF COMPUTATIONAL AND APPLIED MATHEMATICS **Volume:** 136 **Issue:** 1-2 **Pages:** 283-307 **DOI:** 10.1016/S0377-0427(00)00620-8 **Published:** NOV 1 2001

Times Cited in Web of Science Core Collection: 18

Total Times Cited: 18

Accession Number: WOS:000171167400022

ISSN: 0377-0427

Record 89 of 143

Title: The convergence of Euler-like method for the simultaneous inclusion of polynomial zeros

Author(s): Petkovic, MS (Petkovic, MS); Vranic, DV (Vranic, DV)

Source: COMPUTERS & MATHEMATICS WITH APPLICATIONS **Volume:** 39 **Issue:** 7-8 **Pages:** 95-105 **DOI:** 10.1016/S0898-1221(00)00068-7 **Published:** APR 2000

Times Cited in Web of Science Core Collection: 7

Total Times Cited: 7

Accession Number: WOS:000086072700009

ISSN: 0898-1221

Record 90 of 143

Title: Halley-like method with corrections for the inclusion of polynomial zeros

Author(s): Petkovic, MS (Petkovic, MS)

Source: COMPUTING **Volume:** 62 **Issue:** 1 **Pages:** 69-88 **DOI:** 10.1007/s006070050014 **Published:** 1999

Times Cited in Web of Science Core Collection: 20

Total Times Cited: 20

Accession Number: WOS:000079763800007

ISSN: 0010-485X

Record 91 of 143

Title: Point estimation of a family of simultaneous zero-finding methods

Author(s): Petkovic, MS (Petkovic, MS); Petkovic, LD (Petkovic, LD); Herceg, DD (Herceg, DD)

Source: COMPUTERS & MATHEMATICS WITH APPLICATIONS **Volume:** 36 **Issue:** 2 **Pages:** 1-12 **DOI:** 10.1016/S0898-1221(98)00111-4 **Published:** JUL 1998

Times Cited in Web of Science Core Collection: 7

Total Times Cited: 7

Accession Number: WOS:000074650400001

ISSN: 0898-1221

Record 92 of 143

Title: On the convergence of Wang-Zheng's method

Author(s): Petkovic, MS (Petkovic, MS); Herceg, DD (Herceg, DD)

Source: JOURNAL OF COMPUTATIONAL AND APPLIED MATHEMATICS **Volume:** 91 **Issue:** 1 **Pages:** 123-135 **DOI:** 10.1016/S0377-0427(98)00034-X **Published:** APR 24 1998

Times Cited in Web of Science Core Collection: 5

Total Times Cited: 6

Accession Number: WOS:000074141500008

ISSN: 0377-0427

Record 93 of 143

Title: Safe convergence of simultaneous methods for polynomial zeros

Author(s): Petkovic, MS (Petkovic, MS); Herceg, D (Herceg, D); Ilic, S (Ilic, S)

Source: NUMERICAL ALGORITHMS **Volume:** 17 **Issue:** 3-4 **Pages:** 313-331 **DOI:** 10.1023/A:1016688508558 **Published:** 1998

Times Cited in Web of Science Core Collection: 21

Total Times Cited: 21

Accession Number: WOS:000075230600006

ISSN: 1017-1398

Record 94 of 143

Title: On the matrix square root

Author(s): Lakic, S (Lakic, S); Petkovic, MS (Petkovic, MS)

Source: ZEITSCHRIFT FUR ANGEWANDTE MATHEMATIK UND MECHANIK **Volume:** 78 **Issue:** 3 **Pages:** 173-182 **Published:** 1998

Times Cited in Web of Science Core Collection: 3

Total Times Cited: 3

Accession Number: WOS:000072599900003

ISSN: 0044-2267

Record 95 of 143

Title: A note on the convergence of the Weierstrass sor method for polynomial roots

Author(s): Petkovic, MS (Petkovic, MS); Kjurkchiev, N (Kjurkchiev, N)

Source: JOURNAL OF COMPUTATIONAL AND APPLIED MATHEMATICS **Volume:** 80 **Issue:** 1 **Pages:** 163-168 **DOI:** 10.1016/S0377-0427(97)00016-2 **Published:** APR 14 1997

Times Cited in Web of Science Core Collection: 4

Total Times Cited: 4

Accession Number: WOS:A1997XC66700010

ISSN: 0377-0427

Record 96 of 143

Title: The role of GIS in telecommunication network maintenance

Author(s): Petkovic, MS (Petkovic, MS); DjordjevicKajan, S (DjordjevicKajan, S)

Edited by: Hodgson S; Rumor M; Harts JJ

Source: GEOGRAPHICAL INFORMATION '97: FROM RESEARCH TO APPLICATION THROUGH COOPERATION, VOLS 1 AND 2 **Pages:** 1269-1278 **Published:** 1997

Times Cited in Web of Science Core Collection: 0

Total Times Cited: 0

Accession Number: WOS:A1997BH95F00135

Conference Title: 3rd Joint European Conference and Exhibition on Geographical Information - From Research to Application through Cooperation

Conference Date: APR 16-18, 1997

Conference Location: VIENNA, AUSTRIA

ISBN: 90-5199-331-5

Record 97 of 143

Title: The behaviour of approximations of the SOR Weierstrass method

Author(s): Kjurkchiev, N (Kjurkchiev, N); Petkovic, MS (Petkovic, MS)

Source: COMPUTERS & MATHEMATICS WITH APPLICATIONS **Volume:** 32 **Issue:** 7 **Pages:** 117-121 **DOI:** 10.1016/0898-1221(96)00160-5 **Published:** OCT 1996

Times Cited in Web of Science Core Collection: 1

Total Times Cited: 1

Accession Number: WOS:A1996VK72200012

ISSN: 0898-1221

Record 98 of 143

Title: On some simultaneous methods based on Weierstrass correction

Author(s): Sakurai, T (Sakurai, T); Petkovic, MS (Petkovic, MS)

Source: JOURNAL OF COMPUTATIONAL AND APPLIED MATHEMATICS **Volume:** 72 **Issue:** 2 **Pages:** 275-291 **DOI:** 10.1016/0377-0427(95)00278-2 **Published:** AUG 13 1996

Times Cited in Web of Science Core Collection: 13

Total Times Cited: 14

Accession Number: WOS:A1996VB49200006

ISSN: 0377-0427

Record 99 of 143

Title: Tchebychef-like method for the simultaneous finding zeros of analytic functions

Author(s): Petkovic, MS (Petkovic, MS); Trickovic, SB (Trickovic, SB)

Source: COMPUTERS & MATHEMATICS WITH APPLICATIONS **Volume:** 31 **Issue:** 8 **Pages:** 85-93 **DOI:** 10.1016/0898-1221(96)00033-8 **Published:** APR 1996

Times Cited in Web of Science Core Collection: 1

Total Times Cited: 1

Accession Number: WOS:A1996UD54700009

ISSN: 0898-1221

Record 100 of 143

Title: On initial conditions for the convergence of simultaneous root finding methods

Author(s): Petkovic, MS (Petkovic, MS)

Source: COMPUTING **Volume:** 57 **Issue:** 2 **Pages:** 163-177 **DOI:** 10.1007/BF02276878 **Published:** 1996

Times Cited in Web of Science Core Collection: 27

Total Times Cited: 28

Accession Number: WOS:A1996VD47400005

ISSN: 0010-485X

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[Close](#)[Print](#)[◀](#) [\[1 | 2 | 3 \]](#) [▶](#)**Record 101 of 143****Title:** Asynchronous methods for simultaneous inclusion of polynomial roots**Author(s):** Petkovic, MS (Petkovic, MS)**Edited by:** Alefeld G; Herzberger J**Source:** NUMERICAL METHODS AND ERROR BOUNDS **Book Series:** MATHEMATICAL RESEARCH **Volume:** 89 **Pages:** 178-187 **Published:** 1996**Times Cited in Web of Science Core Collection:** 1**Total Times Cited:** 1**Accession Number:** WOS:A1996BG47Q00020**Conference Title:** IMACS-GAMM International Symposium on Numerical Methods and Error Bounds**Conference Date:** JUL 09-12, 1995**Conference Location:** OLDENBURG, GERMANY**ISSN:** 0138-3019**ISBN:** 3-05-501696-3**Record 102 of 143****Title:** On zero-finding methods of the fourth order**Author(s):** Petkovic, MS (Petkovic, MS); Trickovic, S (Trickovic, S)**Source:** JOURNAL OF COMPUTATIONAL AND APPLIED MATHEMATICS **Volume:** 64 **Issue:** 3 **Pages:** 291-294 **DOI:** 10.1016/0377-0427(95)00148-4 **Published:** DEC 20 1995**Times Cited in Web of Science Core Collection:** 3**Total Times Cited:** 3**Accession Number:** WOS:A1995TN22100007**ISSN:** 0377-0427**Record 103 of 143****Title:** WEIERSTRASS FORMULA AND ZERO-FINDING METHODS**Author(s):** PETKOVIC, MS (PETKOVIC, MS); CARSTENSEN, C (CARSTENSEN, C); TRAJKOVIC, M (TRAJKOVIC, M)**Source:** NUMERISCHE MATHEMATIK **Volume:** 69 **Issue:** 3 **Pages:** 353-372 **DOI:** 10.1007/s002110050097 **Published:** JAN 1995**Times Cited in Web of Science Core Collection:** 50**Total Times Cited:** 50**Accession Number:** WOS:A1995QD34400008**ISSN:** 0029-599X**Record 104 of 143****Title:** Some classes of iterative methods for finding zeros of polynomials and analytic functions**Author(s):** Petkovic, MS (Petkovic, MS)**Edited by:** Lakshmikantham V**Source:** WORLD CONGRESS OF NONLINEAR ANALYSIS '92, VOLS 1-4 **Pages:** 3859-3870 **Published:** 1995**Times Cited in Web of Science Core Collection:** 0**Total Times Cited:** 0**Accession Number:** WOS:A1995BF46J00349**Conference Title:** 1st World Congress of Nonlinear Analysts**Conference Date:** AUG 19-26, 1992**Conference Location:** TAMPA, FL**ISBN:** 3-11-013215-X**Record 105 of 143****Title:** DIAMETRICAL INCLUSION DISK FOR $Z(N)$ **Author(s):** TRAJKOVIC, M (TRAJKOVIC, M); PETKOVIC, LD (PETKOVIC, LD); PETKOVIC, MS (PETKOVIC, MS)**Source:** ZEITSCHRIFT FUR ANGEWANDTE MATHEMATIK UND MECHANIK **Volume:** 75 **Issue:** 10 **Pages:** 775-782 **DOI:** 10.1002/zamm.19950751015 **Published:** 1995**Times Cited in Web of Science Core Collection:** 0**Total Times Cited:** 0**Accession Number:** WOS:A1995TB14400005**ISSN:** 0044-2267**Record 106 of 143****Title:** DO ELECTROLYTE-CONTAINING BEVERAGES IMPROVE WATER IMBALANCE IN HYPONATREMIC SCHIZOPHRENICS**Author(s):** GOLDMAN, MB (GOLDMAN, MB); NASH, M (NASH, M); BLAKE, L (BLAKE, L); PETKOVIC, MS (PETKOVIC, MS)**Source:** JOURNAL OF CLINICAL PSYCHIATRY **Volume:** 55 **Issue:** 4 **Pages:** 151-153 **Published:** APR 1994**Times Cited in Web of Science Core Collection:** 11**Total Times Cited:** 11**Accession Number:** WOS:A1994NL09100005**PubMed ID:** 8071259**ISSN:** 0160-6689**Record 107 of 143****Title:** AN IMPROVEMENT OF GARGANTINI SIMULTANEOUS INCLUSION METHOD FOR POLYNOMIAL ROOTS BY SCHRODER CORRECTION**Author(s):** CARSTENSEN, C (CARSTENSEN, C); PETKOVIC, MS (PETKOVIC, MS)**Source:** APPLIED NUMERICAL MATHEMATICS **Volume:** 13 **Issue:** 6 **Pages:** 453-468 **DOI:** 10.1016/0168-9274(94)90008-6 **Published:** FEB 1994**Times Cited in Web of Science Core Collection:** 14**Total Times Cited:** 14**Accession Number:** WOS:A1994NC69400002**ISSN:** 0168-9274**Record 108 of 143****Title:** ON ITERATION METHODS WITHOUT DERIVATIVES FOR THE SIMULTANEOUS DETERMINATION OF POLYNOMIAL ZEROS**Author(s):** CARSTENSEN, C (CARSTENSEN, C); PETKOVIC, MS (PETKOVIC, MS)

Source: JOURNAL OF COMPUTATIONAL AND APPLIED MATHEMATICS Volume: 45 Issue: 3 Pages: 251-266 DOI: 10.1016/0377-0427(93)90044-C Published: MAY 3 1993

Times Cited in Web of Science Core Collection: 17

Total Times Cited: 17

Accession Number: WOS:A1993LA30900002

ISSN: 0377-0427

Record 109 of 143

Title: SOME IMPROVED INCLUSION METHODS FOR POLYNOMIAL ROOTS WITH WEIERSRASS CORRECTIONS

Author(s): PETKOVIC, MS (PETKOVIC, MS); CARSTENSEN, C (CARSTENSEN, C)

Source: COMPUTERS & MATHEMATICS WITH APPLICATIONS Volume: 25 Issue: 3 Pages: 59-67 DOI: 10.1016/0898-1221(93)90143-J Published: FEB 1993

Times Cited in Web of Science Core Collection: 29

Total Times Cited: 29

Accession Number: WOS:A1993KG93600006

ISSN: 0898-1221

Record 110 of 143

Title: ON SOME INTERVAL-METHODS FOR ALGEBRAIC, EXPONENTIAL AND TRIGONOMETRIC POLYNOMIALS

Author(s): CARSTENSEN, C (CARSTENSEN, C); PETKOVIC, MS (PETKOVIC, MS)

Source: COMPUTING Volume: 51 Issue: 3-4 Pages: 313-326 DOI: 10.1007/BF02238538 Published: 1993

Times Cited in Web of Science Core Collection: 4

Total Times Cited: 4

Accession Number: WOS:A1993MN05500006

ISSN: 0010-485X

Record 111 of 143

Title: ON THE R-ORDER OF SOME ACCELERATED METHODS FOR THE SIMULTANEOUS FINDING OF POLYNOMIAL ZEROS

Author(s): PETKOVIC, MS (PETKOVIC, MS); STEFANOVIĆ, LV (STEFANOVIĆ, LV); MARJANOVIĆ, ZM (MARJANOVIĆ, ZM)

Source: COMPUTING Volume: 49 Issue: 4 Pages: 349-361 DOI: 10.1007/BF02248695 Published: 1993

Times Cited in Web of Science Core Collection: 4

Total Times Cited: 4

Accession Number: WOS:A1993KT70500004

ISSN: 0010-485X

Record 112 of 143

Title: A FAMILY OF SIMULTANEOUS ZERO FINDING METHODS

Author(s): PETKOVIC, MS (PETKOVIC, MS); STEFANOVIĆ, LV (STEFANOVIĆ, LV); MARJANOVIĆ, ZM (MARJANOVIĆ, ZM)

Source: INTERNATIONAL JOURNAL OF COMPUTER MATHEMATICS Volume: 43 Issue: 1-2 Pages: 111-126 DOI: 10.1080/00207169208804076 Published: 1992

Times Cited in Web of Science Core Collection: 2

Total Times Cited: 2

Accession Number: WOS:A1992JB13800009

ISSN: 0020-7160

Record 113 of 143

Title: A HALLEY-LIKE HYBRID METHOD FOR SOLVING POLYNOMIAL EQUATIONS

Author(s): PETKOVIC, MS (PETKOVIC, MS); MITROVIC, Z (MITROVIC, Z)

Source: ZEITSCHRIFT FUR ANGEWANDTE MATHEMATIK UND MECHANIK Volume: 72 Issue: 9 Pages: 447-450 DOI: 10.1002/zamm.19920720911 Published: 1992

Times Cited in Web of Science Core Collection: 1

Total Times Cited: 1

Accession Number: WOS:A1992JT31200008

ISSN: 0044-2267

Record 114 of 143

Title: HYBRID INCLUSION ALGORITHMS FOR POLYNOMIAL MULTIPLE COMPLEX ZEROS IN RECTANGULAR ARITHMETIC

Author(s): PETKOVIC, MS (PETKOVIC, MS); HERZBERGER, J (HERZBERGER, J)

Source: APPLIED NUMERICAL MATHEMATICS Volume: 7 Issue: 3 Pages: 241-262 DOI: 10.1016/0168-9274(91)90036-Y Published: MAR 1991

Times Cited in Web of Science Core Collection: 1

Total Times Cited: 1

Accession Number: WOS:A1991FF03000003

ISSN: 0168-9274

Record 115 of 143

Title: A CLASS OF SIMULTANEOUS METHODS FOR THE ZEROS OF ANALYTIC-FUNCTIONS

Author(s): PETKOVIC, MS (PETKOVIC, MS); MARJANOVIĆ, ZM (MARJANOVIĆ, ZM)

Source: COMPUTERS & MATHEMATICS WITH APPLICATIONS Volume: 22 Issue: 10 Pages: 79-87 DOI: 10.1016/0898-1221(91)90194-9 Published: 1991

Times Cited in Web of Science Core Collection: 8

Total Times Cited: 8

Accession Number: WOS:A1991GP94000007

ISSN: 0898-1221

Record 116 of 143

Title: A HYBRID METHOD FOR A POLYNOMIAL COMPLEX ZERO

Author(s): PETKOVIC, MS (PETKOVIC, MS); CVETKOVIC, L (CVETKOVIC, L)

Source: COMPUTERS & MATHEMATICS WITH APPLICATIONS Volume: 21 Issue: 2-3 Pages: 181-186 DOI: 10.1016/0898-1221(91)90097-N Published: 1991

Times Cited in Web of Science Core Collection: 0

Total Times Cited: 0

Accession Number: WOS:A1991EH36800024

ISSN: 0898-1221

Record 117 of 143

Title: ON THE EFFICIENCY OF A CLASS OF COMBINED SCHULZ METHODS FOR BOUNDING THE INVERSE MATRIX
Author(s): PETKOVIC, MS (PETKOVIC, MS); HERZBERGER, J (HERZBERGER, J)
Source: ZEITSCHRIFT FUR ANGEWANDTE MATHEMATIK UND MECHANIK **Volume:** 71 **Issue:** 3 **Pages:** 181-187 **Published:** 1991
Times Cited in Web of Science Core Collection: 0
Total Times Cited: 0
Accession Number: WOS:A1991FK69100005
ISSN: 0044-2267

Record 118 of 143

Title: ON THE EFFICIENCY OF SOME COMBINED METHODS FOR POLYNOMIAL COMPLEX ZEROS
Author(s): PETKOVIC, MS (PETKOVIC, MS)
Source: JOURNAL OF COMPUTATIONAL AND APPLIED MATHEMATICS **Volume:** 30 **Issue:** 1 **Pages:** 99-115 **DOI:** 10.1016/0377-0427(90)90009-O **Published:** APR 10 1990
Times Cited in Web of Science Core Collection: 7
Total Times Cited: 7
Accession Number: WOS:A1990DB89600009
ISSN: 0377-0427

Record 119 of 143

Title: SCHRODER-LIKE ALGORITHMS FOR MULTIPLE COMPLEX ZEROS OF A POLYNOMIAL
Author(s): PETKOVIC, MS (PETKOVIC, MS)
Source: COMPUTING **Volume:** 45 **Issue:** 1 **Pages:** 39-50 **DOI:** 10.1007/BF02250583 **Published:** 1990
Times Cited in Web of Science Core Collection: 4
Total Times Cited: 4
Accession Number: WOS:A1990DZ51300003
ISSN: 0010-485X

Record 120 of 143

Title: FORWARD BACKWARD SERIAL ITERATION METHODS FOR SIMULTANEOUSLY APPROXIMATING POLYNOMIAL ZEROS
Author(s): PETKOVIC, MS (PETKOVIC, MS); STEFANOVIC, LV (STEFANOVIC, LV)
Source: INTERNATIONAL JOURNAL OF COMPUTER MATHEMATICS **Volume:** 37 **Issue:** 3-4 **Pages:** 227-238 **DOI:** 10.1080/00207169008803951 **Published:** 1990
Times Cited in Web of Science Core Collection: 2
Total Times Cited: 2
Accession Number: WOS:A1990EX46400011
ISSN: 0020-7160

Record 121 of 143

Title: ON HALLEY-LIKE ALGORITHMS FOR SIMULTANEOUS APPROXIMATION OF POLYNOMIAL COMPLEX ZEROS
Author(s): PETKOVIC, MS (PETKOVIC, MS)
Source: SIAM JOURNAL ON NUMERICAL ANALYSIS **Volume:** 26 **Issue:** 3 **Pages:** 740-763 **DOI:** 10.1137/0726043 **Published:** JUN 1989
Times Cited in Web of Science Core Collection: 32
Total Times Cited: 32
Accession Number: WOS:A1989U858000014
ISSN: 0036-1429

Record 122 of 143

Title: A COMPUTATIONAL TEST FOR THE EXISTENCE OF POLYNOMIAL ZERO
Author(s): PETKOVIC, MS (PETKOVIC, MS); PETKOVIC, LD (PETKOVIC, LD)
Source: COMPUTERS & MATHEMATICS WITH APPLICATIONS **Volume:** 17 **Issue:** 7 **Pages:** 1109-1114 **DOI:** 10.1016/0898-1221(89)90041-2 **Published:** 1989
Times Cited in Web of Science Core Collection: 4
Total Times Cited: 4
Accession Number: WOS:A1989U354300006
ISSN: 0898-1221

Record 123 of 143

Title: ON SOME APPLICATIONS OF CIRCULAR COMPLEX FUNCTIONS
Author(s): PETKOVIC, LD (PETKOVIC, LD); PETKOVIC, MS (PETKOVIC, MS)
Source: COMPUTING **Volume:** 41 **Issue:** 1-2 **Pages:** 141-148 **DOI:** 10.1007/BF02238737 **Published:** 1989
Times Cited in Web of Science Core Collection: 2
Total Times Cited: 2
Accession Number: WOS:A1989T086000012
ISSN: 0010-485X

Record 124 of 143

Title: ON THE BOUNDS OF THE R-ORDER OF SOME ITERATIVE METHODS
Author(s): PETKOVIC, MS (PETKOVIC, MS); PETKOVIC, LD (PETKOVIC, LD)
Source: ZEITSCHRIFT FUR ANGEWANDTE MATHEMATIK UND MECHANIK **Volume:** 69 **Issue:** 4 **Pages:** T197-T198 **Published:** 1989
Times Cited in Web of Science Core Collection: 3
Total Times Cited: 3
Accession Number: WOS:A1989U781600088
ISSN: 0044-2267

Record 125 of 143

Title: ON THE R-ORDER OF A CLASS OF SIMULTANEOUS ITERATIVE PROCESSES
Author(s): PETKOVIC, MS (PETKOVIC, MS); PETKOVIC, LD (PETKOVIC, LD); STEFANOVIC, LV (STEFANOVIC, LV)
Source: ZEITSCHRIFT FUR ANGEWANDTE MATHEMATIK UND MECHANIK **Volume:** 69 **Issue:** 4 **Pages:** T199-T201 **Published:** 1989
Times Cited in Web of Science Core Collection: 1
Total Times Cited: 1
Accession Number: WOS:A1989U781600089

ISSN: 0044-2267

Record 126 of 143**Title:** EXTREMAL PROBLEMS FOR LORENTZ CLASSES OF NONNEGATIVE POLYNOMIALS IN L2 METRIC WITH JACOBI WEIGHT**Author(s):** MILOVANOVIC, GV (MILOVANOVIC, GV); PETKOVIC, MS (PETKOVIC, MS)**Source:** PROCEEDINGS OF THE AMERICAN MATHEMATICAL SOCIETY **Volume:** 102 **Issue:** 2 **Pages:** 283-289 **DOI:** 10.2307/2045876 **Published:** FEB 1988**Times Cited in Web of Science Core Collection:** 3**Total Times Cited:** 3**Accession Number:** WOS:A1988M337800011**Author Identifiers:**

Author	ResearcherID Number	ORCID Number
Milovanovic, Gradimir	C-2444-2015	0000-0002-3255-8127

ISSN: 0002-9939

Record 127 of 143**Title:** ON THE MONOTONICITY OF THE HIGHER-ORDER SCHULZ METHOD**Author(s):** PETKOVIC, LD (PETKOVIC, LD); PETKOVIC, MS (PETKOVIC, MS)**Source:** ZEITSCHRIFT FUR ANGEWANDTE MATHEMATIK UND MECHANIK **Volume:** 68 **Issue:** 9 **Pages:** 455-456 **DOI:** 10.1002/zamm.19880680922 **Published:** 1988**Times Cited in Web of Science Core Collection:** 2**Total Times Cited:** 2**Accession Number:** WOS:A1988Q402700007

ISSN: 0044-2267

Record 128 of 143**Title:** ON SOME ITERATION FUNCTIONS FOR THE SIMULTANEOUS COMPUTATION OF MULTIPLE COMPLEX POLYNOMIAL ZEROS**Author(s):** PETKOVIC, MS (PETKOVIC, MS); STEFANOVIC, LV (STEFANOVIC, LV)**Source:** BIT **Volume:** 27 **Issue:** 1 **Pages:** 111-122 **DOI:** 10.1007/BF01937359 **Published:** 1987**Times Cited in Web of Science Core Collection:** 8**Total Times Cited:** 9**Accession Number:** WOS:A1987H442000010

ISSN: 0006-3835

Record 129 of 143**Title:** SOME INTERVAL ITERATIONS FOR FINDING A ZERO OF A POLYNOMIAL WITH ERROR-BOUNDS**Author(s):** PETKOVIC, MS (PETKOVIC, MS)**Source:** COMPUTERS & MATHEMATICS WITH APPLICATIONS **Volume:** 14 **Issue:** 6 **Pages:** 479-495 **DOI:** 10.1016/0898-1221(87)90060-5 **Published:** 1987**Times Cited in Web of Science Core Collection:** 7**Total Times Cited:** 7**Accession Number:** WOS:A1987L054700007

ISSN: 0898-1221

Record 130 of 143**Title:** ON COMPUTATIONAL-EFFICIENCY OF THE ITERATIVE METHODS FOR THE SIMULTANEOUS APPROXIMATION OF POLYNOMIAL ZEROS**Author(s):** MILOVANOVIC, GV (MILOVANOVIC, GV); PETKOVIC, MS (PETKOVIC, MS)**Source:** ACM TRANSACTIONS ON MATHEMATICAL SOFTWARE **Volume:** 12 **Issue:** 4 **Pages:** 295-306 **Published:** DEC 1986**Times Cited in Web of Science Core Collection:** 15**Total Times Cited:** 15**Accession Number:** WOS:A1986H375000001**Author Identifiers:**

Author	ResearcherID Number	ORCID Number
Milovanovic, Gradimir	C-2444-2015	0000-0002-3255-8127

ISSN: 0098-3500

Record 131 of 143**Title:** SOME HIGHER-ORDER METHODS FOR THE SIMULTANEOUS APPROXIMATION OF MULTIPLE POLYNOMIAL ZEROS**Author(s):** PETKOVIC, MS (PETKOVIC, MS); MILOVANOVIC, GV (MILOVANOVIC, GV); STEFANOVIC, LV (STEFANOVIC, LV)**Source:** COMPUTERS & MATHEMATICS WITH APPLICATIONS-PART A **Volume:** 12 **Issue:** 9 **Pages:** 951-962 **DOI:** 10.1016/0898-1221(86)90020-9 **Published:** SEP 1986**Times Cited in Web of Science Core Collection:** 12**Total Times Cited:** 12**Accession Number:** WOS:A1986E637600001**Author Identifiers:**

Author	ResearcherID Number	ORCID Number
Milovanovic, Gradimir	C-2444-2015	0000-0002-3255-8127

ISSN: 0886-9553

Record 132 of 143**Title:** ON SOME IMPROVEMENTS OF SQUARE ROOT ITERATION FOR POLYNOMIAL COMPLEX ZEROS**Author(s):** PETKOVIC, MS (PETKOVIC, MS); STEFANOVIC, LV (STEFANOVIC, LV)**Source:** JOURNAL OF COMPUTATIONAL AND APPLIED MATHEMATICS **Volume:** 15 **Issue:** 1 **Pages:** 13-25 **DOI:** 10.1016/0377-0427(86)90235-9 **Published:** MAY 1986**Times Cited in Web of Science Core Collection:** 18**Total Times Cited:** 18**Accession Number:** WOS:A1986C504700002

ISSN: 0377-0427

Record 133 of 143**Title:** ON A 2ND-ORDER METHOD FOR THE SIMULTANEOUS INCLUSION OF POLYNOMIAL COMPLEX ZEROS IN RECTANGULAR ARITHMETIC**Author(s):** PETKOVIC, MS (PETKOVIC, MS); STEFANOVIĆ, LV (STEFANOVIĆ, LV)**Source:** COMPUTING **Volume:** 36 **Issue:** 3 **Pages:** 249-261 **DOI:** 10.1007/BF02240071 **Published:** 1986**Times Cited in Web of Science Core Collection:** 12**Total Times Cited:** 12**Accession Number:** WOS:A1986C390500007

ISSN: 0010-485X

Record 134 of 143**Title:** ARITHMETIC OF CIRCULAR RINGS**Author(s):** PETKOVIC, MS (PETKOVIC, MS); MITROVIC, ZM (MITROVIC, ZM); PETKOVIC, LD (PETKOVIC, LD)**Source:** LECTURE NOTES IN COMPUTER SCIENCE **Volume:** 212 **Pages:** 133-142 **Published:** 1986**Times Cited in Web of Science Core Collection:** 0**Total Times Cited:** 0**Accession Number:** WOS:A1986C630400013

ISSN: 0302-9743

Record 135 of 143**Title:** CONVERGENCE PROOF FOR RATIONAL CIRCULAR CENTERED FORMS**Author(s):** PETKOVIC, LD (PETKOVIC, LD); PETKOVIC, MS (PETKOVIC, MS)**Source:** ZEITSCHRIFT FUR ANGEWANDTE MATHEMATIK UND MECHANIK **Volume:** 66 **Issue:** 5 **Pages:** T426-T427 **Published:** 1986**Times Cited in Web of Science Core Collection:** 0**Total Times Cited:** 0**Accession Number:** WOS:A1986C671700069

ISSN: 0044-2267

Record 136 of 143**Title:** ON THE CONVERGENCE ORDER OF AN ACCELERATED SIMULTANEOUS METHOD FOR POLYNOMIAL COMPLEX ZEROS**Author(s):** PETKOVIC, MS (PETKOVIC, MS); MILOVANOVIĆ, GV (MILOVANOVIĆ, GV); STEFANOVIĆ, LV (STEFANOVIĆ, LV)**Source:** ZEITSCHRIFT FUR ANGEWANDTE MATHEMATIK UND MECHANIK **Volume:** 66 **Issue:** 5 **Pages:** T428-T429 **Published:** 1986**Times Cited in Web of Science Core Collection:** 0**Total Times Cited:** 0**Accession Number:** WOS:A1986C671700070

ISSN: 0044-2267

Record 137 of 143**Title:** THE NUMERICAL STABILITY OF THE GENERALIZED ROOT ITERATIONS FOR POLYNOMIAL ZEROS**Author(s):** PETKOVIC, MS (PETKOVIC, MS); STEFANOVIĆ, LV (STEFANOVIĆ, LV)**Source:** COMPUTERS & MATHEMATICS WITH APPLICATIONS **Volume:** 10 **Issue:** 2 **Pages:** 97-106 **DOI:** 10.1016/0898-1221(84)90041-5 **Published:** 1984**Times Cited in Web of Science Core Collection:** 6**Total Times Cited:** 6**Accession Number:** WOS:A1984TJ02600002

ISSN: 0898-1221

Record 138 of 143**Title:** ON THE CONVERGENCE ORDER OF A MODIFIED METHOD FOR SIMULTANEOUS FINDING POLYNOMIAL ZEROS**Author(s):** MILOVANOVIĆ, GV (MILOVANOVIĆ, GV); PETKOVIC, MS (PETKOVIC, MS)**Source:** COMPUTING **Volume:** 30 **Issue:** 2 **Pages:** 171-178 **DOI:** 10.1007/BF02280787 **Published:** 1983**Times Cited in Web of Science Core Collection:** 32**Total Times Cited:** 33**Accession Number:** WOS:A1983QN43300007**Author Identifiers:**

Author	ResearcherID Number	ORCID Number
Milovanovic, Gradimir	C-2444-2015	0000-0002-3255-8127

ISSN: 0010-485X

Record 139 of 143**Title:** A NOTE ON SOME IMPROVEMENTS OF THE SIMULTANEOUS METHODS FOR DETERMINATION OF POLYNOMIAL ZEROS**Author(s):** PETKOVIC, MS (PETKOVIC, MS); MILOVANOVIĆ, GV (MILOVANOVIĆ, GV)**Source:** JOURNAL OF COMPUTATIONAL AND APPLIED MATHEMATICS **Volume:** 9 **Issue:** 1 **Pages:** 65-69 **DOI:** 10.1016/0377-0427(83)90028-6 **Published:** 1983**Times Cited in Web of Science Core Collection:** 19**Total Times Cited:** 19**Accession Number:** WOS:A1983RH20100005**Author Identifiers:**

Author	ResearcherID Number	ORCID Number
Milovanovic, Gradimir	C-2444-2015	0000-0002-3255-8127

ISSN: 0377-0427

Record 140 of 143**Title:** A FAMILY OF SIMULTANEOUS METHODS FOR THE DETERMINATION OF POLYNOMIAL COMPLEX ZEROS**Author(s):** PETKOVIC, MS (PETKOVIC, MS)**Source:** INTERNATIONAL JOURNAL OF COMPUTER MATHEMATICS **Volume:** 11 **Issue:** 3-4 **Pages:** 285-296 **DOI:** 10.1080/00207168208803316 **Published:** 1982**Times Cited in Web of Science Core Collection:** 2

Total Times Cited: 2

Accession Number: WOS:A1982NZ04200008

ISSN: 0020-7160

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Title: GENERALIZED ROOT ITERATIONS FOR THE SIMULTANEOUS DETERMINATION OF MULTIPLE COMPLEX ZEROS

Author(s): PETKOVIC, MS (PETKOVIC, MS)

Source: ZEITSCHRIFT FUR ANGEWANDTE MATHEMATIK UND MECHANIK **Volume:** 62 **Issue:** 11 **Pages:** 627-630 **DOI:**

10.1002/zamm.19820621109 **Published:** 1982

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Title: ON A GENERALIZATION OF THE ROOT ITERATIONS FOR POLYNOMIAL COMPLEX ZEROS IN CIRCULAR INTERVAL ARITHMETIC

Author(s): PETKOVIC, MS (PETKOVIC, MS)

Source: COMPUTING **Volume:** 27 **Issue:** 1 **Pages:** 37-55 **DOI:** 10.1007/BF02243437 **Published:** 1981

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Title: ON AN INTERVAL NEWTON METHOD DERIVED FROM EXPONENTIAL CURVE FITTING

Author(s): PETKOVIC, MS (PETKOVIC, MS)

Source: ZEITSCHRIFT FUR ANGEWANDTE MATHEMATIK UND MECHANIK **Volume:** 61 **Issue:** 2 **Pages:** 117-119 **DOI:**

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