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EDUCATION

- 1985 Doctor of Philosophy. Ankara University. Department of Mathematics.
“*On the solution of the Matrix Equation $x' = A(t)x$.*”
- 1981 Master of Science. Ankara University. Department of Mathematics.
“*Bessel Differential Equation, Bessel Functions and Applications.*”
- 1977 Bachelor of Science. Ataturk University. Department of Mathematics.

ACADEMIC POSITIONS

- July 1996 Professor.
October 1990 Associate Professor.
April 1986 Assistant Professor.
June 1985 Doctor of Philosophy.
April 1981 Master of Science.

WORK EXPERIENCE

- 2009 – Dean. Faculty of Arts and Sciences. Izmir University.
2008 – Professor. Department of Mathematics and Computer Science.
Izmir University.
2000 – 2008 Professor. Department of Mathematics. Gazi University.
1998 – 2001 Advisor. EARGED. Ministry of Education.
1996 – 2000 Professor. Department of Mathematics. Hacettepe University.
1994 – 1997 Chair of Geometry. Department of Mathematics. Hacettepe University.
1994 – 1996 Associate Professor. Department of Mathematics. Hacettepe University.
1992-1993 Member of Faculty Board. Faculty of Arts and Sciences. Erciyes
University.
1991 Visiting Researcher. Department of Mathematics. Udine University.
(TÜBİTAK funded – 3 months)
1990 – 1994 Associate Professor. Department of Mathematics. Erciyes University.
1989 Visiting Researcher. ICTP, Trieste. (ICTP funded – 2 months)
1986 – 1990 Assistant Professor. Department of Mathematics. Erciyes University.
1986 – 1994 Chair of Applied Mathematics. Department of Mathematics. Erciyes
University.
1979 – 1986 Teaching Assistant. Department of Mathematics. Ankara University.
1978 – 1979 Teaching Assistant. Department of Mathematics. Dicle University.
1977 – 1978 Mathematics Teacher. Kırıkkale High School.

RESEARCH INTERESTS

- Differential Equations: Oscillation, Stability, Boundedness, Periodicity.
- Functional Differential Equations: Oscillation, Positive solutions.
- Difference Equations.
- Inequalities.

COURSES TAUGHT

Undergraduate: Calculus, Mathematical Analysis, Differential Equations, Partial Differential Equations, Applied Mathematics, Difference Equations, Engineering Mathematics.

Graduate: Differential Equations Theory, Matrix Analysis, Initial and Boundary Value Problems, Nonlinear Differential Equations, Partial Differential Equations, Laplace and Fourier Transformations.

THESIS SUPERVISED

PhD Students

- Cemil Tunç, “On the Behaviour of Solutions of Certain Fourth Order Differential Equations”, Erciyes University, 1993
- Pakize Temtek (Özbıyık), “On the Solutions of a Class of Third Order Differential Equations”, Erciyes University, 1996
- Bülent Ayanlar, “Oscillatory Solutions of Certain Second Order Nonlinear Differential Equations”, Hacettepe University, 1999
- Devrim Çakmak, “On the Oscillatory Solutions of Certain Second Order Nonlinear Differential Equations” Gazi University, 2003
- Yasemin Başçı “On the Behaviour of Solutions of Nonlinear Differential Equations ” Hacettepe University, 2006
- Mustafa Fahri Aktaş ”On the behaviour of solutions of a class of third order functional differential equations” Gazi University, 2008

Master of Science Students

- Cemil Tunç, “Stability of Solutions of Differential Equations”, Erciyes University, 1990.
- Pakize Özbıyık, “On the Oscillation Theory of Second and Third Order Differential Equations ”, Erciyes University, 1992.
- Sevilay Torunoğlu, “On Sturm’s Separation and Comparison Theorems”, Erciyes University, 1993
- Sevgi Esen, “On the Behaviour of Solutions of Second Order Functional Differential Equations ”, Erciyes University, 1995
- Tamer Şenel, “On the Behaviour of Solutions of Third Order Functional Differential Equations ”, Erciyes University, 1996
- Sultan Küreş, “On the non-oscillatory solutions of a class of second order nonlinear differential ”, Hacettepe University, 1996.
- Ümit Aydoğan, “On the Asymptotic Behaviour of a class of second order nonlinear differential equations”, Hacettepe University, 1996

- Devrim Çakmak, “On the construction of Lyapunov Functions”, Gazi University, 1998.
- Levent Değirmenci, “On the Behaviour of Solutions of Second Order Half-Linear Equation”, Hacettepe University, 1999
- Meral Özkul, “:On the periodic solutions of third order Differential Equations”, İzzet Baysal University, 1999
- Şenay Yaman, “On the Oscillation of Solutions of Third Order Differential Equations” Üzerine”, Hacettepe University, 2000
- Mustafa Fahri Aktaş, “On the Oscillation of Solutions of a Class of Second Order Differential Equations”, Gazi University, 2003
- Saniye Ebru Kütahya, “On the Behaviour of Trajectories of Autonomous Systems”, Gazi University, 2004
- Behiye Ceren Kartal, “Oscillation of Solutions of Second Order Functional Differential Equations with Delayed Arguments”, Gazi University, 2006
- Banu Mermerkaya, “Existence Theorems for Two-point Boundary Value Problems”, Gazi University, 2009.
- Berat Karaağaç, “On Green Functions.” Gazi University, 2010.

SCIENTIFIC AFFILIATIONS

- Turkish Mathematics Society
- Turkish Scientific Research and Development – Mathematics Work Group.
- New York Academy of Science (1995-1996)

EDITORIAL BOARD MEMBERSHIPS AND REFREERING

- “Hacettepe Bull. of Natural Science & Engineering”, Edit. Board Member, 1998-2000
- “Erciyes University Fen Bilimleri Dergisi”, Editorial Board Member, 1991-1994
- Reviewing for Math Reviews
- “Abstract and Applied Analysis” , Refree
- “Anziam Journal”, Refree
- “Applied Mathematics and Computation”, Refree
- “Applied Mathematics Letters”, Refree
- “Computers and Mathematics with Applications”, Refree
- "Differential Equations and Nonlinear Mechanics", Refree
- “Dumlupınar University Fen Bilimleri Dergisi”, Refree
- “Erciyes University Fen Bilimleri Dergisi”, Refree
- “Gazi University Fen Bilimleri Dergisi”, Refree
- "International Conference of Numerical Analysis and Applied Mathematics" , Refree
- “Indian J. pure appl. Math”., Refree
- “International Journal of Differential Equations”, Refree
- “Journal of Mathematical Analysis and Application”, Refree
- "Journal of Inequalities and Applications", Refree
- “Mathematical and Computer Modelling”, Refree
- “Proceedings of Edinburgh Mathematical Society” , Refree
- “Rocky Mountain Journal of Mathematics”, Refree
- “The Electronic Journal of Differential Equations”, Refree
- “Turkish Journal of Mathematics”, Refree

JOURNAL PUBLICATIONS

2010

- D. Çakmak, **A. Tiryaki**, On Lyapunov-type Inequality for Quasilinear Systems Applied Mathematics and Computation, 216 (2010), 3584-3591 SCIE (CMCI).
- M.F. Aktaş, **A. Tiryaki**, A. Zafer, Oscillation criteria for third-order nonlinear functional differential equations, Applied Mathematics Letters, 23 (2010) 756-792 SCI
- D. Çakmak, **A. Tiryaki**, Lyapunov-type inequality for a class of Dirichlet quasilinear systems involving the (p_1, p_2, \dots, p_n) -Laplacian, Journal of Mathematical Analysis and Applications, 369, (2010), 76-81 SCI
- **A. Tiryaki**, D. Çakmak, Sahoo- and Wayment-type integral mean value theorems, International Journal of Mathematical Education in Science and Technology, 41 (4) (2010), 565 - 573
- **A. Tiryaki**, Recent Development of the Lyapunov-type Inequalities, Advances in Dynamical Systems and Applications, 5(2), (2010), 231–248.

2009

- **A. Tiryaki**, Oscillation criteria for a certain second-order nonlinear differential equations with deviating arguments, E. J. Qualitative Theory of Diff. Equ., No. 61. (2009), pp. 1-11. SCIE (CMCI)
- M.F. Aktas, **A. Tiryaki** and , A. Zafer, Integral criteria for oscillation of third order nonlinear differential equations, Nonlinear Anal., 71(12), 2009, e1496-e1502, SCI.
- **A. Tiryaki** and Y. Başçı, Interval oscillation criteria for second-order quasi-linear functional differential equations, Dynamics of Continuous, Discrete and Impulsive Systems. Series A: Mathematical Analysis 16 (2009) 233-252 SCIE (CMCI)
- Ravi P. Agarwal, Mustafa F. Aktas, and **A. Tiryaki**. On oscillation criteria for third order criteris for third order nonlinear delay differential equations. Archivum Mathematicum (BRNO), Tomus 45 (2009), 1-18.

2008

- **A. Tiryaki** and A. Misir, Reducibility and Stability Results for Linear System of Difference Equations, Advances in Difference Equations. Article Number: 867635. (2008) SCIE (CMCI)
- M. Ünal, D. Çakmak and **A. Tiryaki**, A discrete analogue of Lyapunov type inequalities for nonlinear systems, Comput. Math. Appl. 55 (2008), 2631-2642. SCI
- Mısır and **A. Tiryaki**, More on the explicit solutions for a second order nonlinear boundary value problem, Appl. Math. Lett. 21(11) (2008), 1204-1208. SCI
- **A. Tiryaki** and Y. Başçı, Oscillation theorems for certain even order nonlinear damped differential equations, Rocky Mountain J. Math. (2008) ,1011-1035. SCIE (CMCI)

2007

- **A. Tiryaki** and M. F. Aktaş, Oscillation criteria of a certain class of third order nonlinear delay differential equations with damping, J. Math. Anal. Appl. 325 (2007), 54-68. SCI
- **A. Tiryaki**, M. Ünal and D. Çakmak, Lyapunov-type inequalities for nonlinear systems, J. Math. Anal. Appl. 332 (2007), 497-511. SCI
- D. Çakmak and **A. Tiryaki**, Comment on the paper “Oscillation of second-order nonlinear ODE with damping”, Applied Math. and Computation 191 (2007), 298-298. SCIE (CMCI)

2005

- **A. Tiryaki** and A. Zafer, Interval oscillation of a general class of second order nonlinear equations with nonlinear damping, *Nonlinear Anal.* 60(1), 2005, 49-63. SCI
- **A. Tiryaki**, Y. Başcı and İ. Güleç, Interval criteria for oscillation of second-order functional differential equations, *Comput. Math. Appl.* 50 (2005), 1487-1498. SCI
- D. Çakmak and **A. Tiryaki**, Oscillation criteria for certain forced second-order nonlinear differential equations with delayed argument, *Comput. Math. Appl.* 49 (2005), 1647-1653. SCI

2004

- **A. Tiryaki** and B. Ayanlar, Oscillation theorems for certain nonlinear differential equations of second order, *Comput. Math. Appl.* 47 (2004), 149-159. SCI
- D. Çakmak and **A. Tiryaki**, Oscillation criteria for certain forced second order nonlinear differential equations, *Appl. Math. Lett.* 17 (2004), 275-279. SCI
- **A. Tiryaki** and D. Çakmak, Integral averages and oscillation criteria of second order nonlinear differential equations, *Comput. Math. Appl.* 47 (2004), 1495-1506. SCI
- **A. Tiryaki** and A. Zafer, Oscillation of second order nonlinear differential equations with nonlinear damping, *Math. Comput. Model.* 39 (2004), 197-208. SCIE (CMCI)

2003

- D. Çakmak and **A. Tiryaki**, Oscillation criteria for nth order forced functional differential Equations, *J. Math. Anal. Appl.* 278 (2003), 562-576. SCI
- **A. Tiryaki**, D. Çakmak and B. Ayanlar, On the oscillation of certain second order nonlinear differential equations, *J. Math. Anal. Appl.* 281 (2003), 565-574. SCI

2002

- B. Ayanlar and **A. Tiryaki**, Oscillation theorems for nonlinear second order differential equations, *Comput. Math. Appl.* 44 (2002), 529-538. SCI
- P. Temtek and **A. Tiryaki**, Nonoscillation results for a class of third order nonlinear differential equations, *Applied Mathematics and Mechanics*, 23 (2002), 1170-1175. SCIE (CMCI)

2001

- **A. Tiryaki** and Ş. Yaman, Asymptotic behaviour of a class of nonlinear functional differential equation of third order, *Appl. Math. Lett.* (2001), 327-332. SCI
- **A. Tiryaki** and Ş. Pasinlioğlu, Oscillatory behaviour of a class of nonlinear differential equations of third order, *Acta Mathematica Scientia*, 21 (2001), 182-188. SCIE (CMCI)

2000

- B. Ayanlar and **A. Tiryaki**, Oscillation theorems for nonlinear second order differential equations with damping, *Acta Math. Hungary* 89 (2000), 1-13. SCIE (CMCI)
- **A. Tiryaki** and A. Zafer, Oscillation criteria for second order nonlinear differential equations with damping, *Turkish J. Math.* 24 (2000), 185-196.

1999

- **A. Tiryaki**, Boundedness and periodicity results for a certain system of third order nonlinear differential equations, *Indian J. Pure Appl. Math.* 34 (1999), 361-372. SCIE (CMCI)

1998

- **A. Tiryaki** and A.O. Çelebi, Nonoscillation and asymptotic behaviour for third order nonlinear differential equations, *Czechoslovak Mathematical Journal*, 48 (123) (1998), 677-685. SCIE (CMCI)

1997

- **A. Tiryaki** and A.O. Çelebi, On the nonoscillatory behaviour of solutions of third order differential equations, *Applicable Analysis*, 67 (1997), 89-97.
- V. Kalantarov and **A. Tiryaki**, On the stability results for third order differential operator equations, *Turkish J. Math.*, 21 (1997) 179-186.

1996

- C. Tunç and **A. Tiryaki**, On the boundedness and the stability results for the solution of certain fourth order differential equations via the intrinsic method, *Applied Mathematics and Mechanics*, 17 (1996), 1039-1049. SCIE (CMCI)
- **A. Tiryaki** and C. Tunç, On the boundedness and the stability properties for the solutions of certain fifth order differential equations, *Hacettepe Bull. Nat.Sci. and Eng. Vol. 25 Ser. B* (1996) 53-68.
- **A. Tiryaki** and C. Tunç, Boundedness and stability properties of solutions of certain fourth order differential equations via the intrinsic method, *Analysis*, 16 (1996) 325-334.

1995

- **A. Tiryaki** and C. Tunç, Constructing Lyapunov functions for certain fourth-order autonomous differential equations, *Indian J. pure appl. Math.* 26 (1995), 225-232. SCIE (CMCI)

1993

- **A. Tiryaki**, Periodic solutions in ordinary differential equations using dissipativity conditions, *J. Math. Anal. Appl.* 173 (1993), 308-317. SCI

1991

- **A. Tiryaki**, Periodic solutions of certain fifth order differential equations, *Doğa-Tr. J. of Mathematics*, 15 (1991), 53-61.

1990

- **A. Tiryaki**, An instability theorem for a certain sixty order differential equation, *Indian J. pure appl. Math.* 21 (1990), 330-333. SCIE (CMCI)
- **A. Tiryaki**, On the periodic solutions of certain fourth and fifth order differential equations, *Pure and Appl. Math. Sci.*, XXXII, No 1-2 (1990), 11-14.
- **A. Tiryaki**, Periodic solutions of certain systems of fourth, fifth and sixth order differential equations, *Studia Univ. Babeş-Bolyai, Mathematica*, 35, 1 (1990), 83-90.
- **A. Tiryaki**, Periodic solutions of certain sixth order differential equations, *Studia Univ. Babeş - Bolyai, Mathematica*, 35, 2 (1990), 31-38.

1989

- **A. Tiryaki**, Periodic solutions of a certain fourth order differential equation, *Indian J. pure appl. Math.* 20 (1989), 235-241. SCIE (CMCI)

1988

- **A. Tiryaki**, On the equation $x' = A(t)x$, *Math. Japonica*, 33 (1988), 469-473.
- **A. Tiryaki**, Extension of an instability theorem for a certain fourth order differential equation, *Bull. Inst. Math. Acad. Sinica*, 16 (1988), 163-165.
- **A. Tiryaki**, Extension of an instability theorem for a certain fifth order differential equation, *J. Karadeniz Tech. Univ., Fac. Arts Sci., Ser. Math.-Phys.* 11 (1988), 225-227.
- **A. Tiryaki**, On the periodic solutions of a certain fifth order differential equation, *Erc. Üniv. Fen Bil. Derg.*, 4 (1988), 665-668.

OTHER PUBLICATIONS

A.Zafer, A. Tiryaki. İleri Diferensiyel Denklemler, (In Turkish) Translation of the Honors Differential Equations Open Courseware at Massachusetts Institute of Technology.

<http://www.acikders.org.tr/course/view.php?id=4>

CONFERENCES, SYMPOSIUMS AND WORKSHOPS ATTENDED

- **A. Tiryaki**, “On a Two-point boundary Value Problem for half-linear equation”, 23rd National Mathematics Symposium, Erciyes University, 2010, Kayseri, Turkey.
- **A.Tiryaki**, “Oscillations of Second Order Equations”, L.N. Gumilev Eurasian National University, Astana, Kazakhstan, 2010 (International joint PhD program)
- **A.Tiryaki**, “Some Techniques for Oscillations of Second Order Equations”, L.N. Gumilev Eurasian National University, Astana, Kazakhstan, 2010 (Seminar)
- **A. Tiryaki**, “Recent advances in Lyapunov-type inequalities”, Third Congress of the World Mathematical Society of Turkic Countries, Almaty, Kazakhstan, June 30 – July 4, 2009.
- Aktas M.F., **Tiryaki A.**, Zafer A., “Integral criteria for oscillation of third order nonlinear diferential equations”, WCNA2008.
- **Tiryaki A.**, Misir A., “Reducibility and Stability Results for Linear System of Difference Equations”, ICDEA2008.
- Ünal M., **Tiryaki, A.** D. Çakmak, “Lyapunov-type inequalities for nonlinear systems”, ISAAC2007.
- Aktas, M. F., **Tiryaki, A.**, “Oscillation criteria of a certain class of third order nonlinear delay diferential equations”, ISAAC2007.
- Ankara Mathematical Days PDE meeting 4, 22.01.2004 Gazi University, Organization committee member, Ankara, Turkey..
- “Integral Averages and Oscillation Criteria for the Second Order Nonlinear Differential Equations” Dynamical Systems Workshop-IV Ege University 8-9 2002, Izmir, Turkey..
- “On the periodic solutions of Differential Equations” Symposium on Nonlinear Problems of Mathematical Physics, Hacettepe University. 17-19 1997, Ankara, Turkey..
- International Conference on Functional Differential Equations and Applications, July 1997, Antalya, Turkey.
- International Workshop on Difference and Differential Inequalities 3-7 July 1996 Gebze, Kocaeli, Turkey.
- “On the Construction of Lyapunov Functions” Applied Mathematics Days, Hacettepe University, 1996, Ankara, Turkey.
- “Nonoscillation results for a class of third order nonlinear differential equations” IX. National Mathematics Symposium, İstanbul Technical University, 1996. İstanbul, Turkey.
- “Boundedness and periodicity results for a certain system of third order nonlinear differential equations”, Dynamical Systems Symposium, 1995, Uludağ, Bursa, Turkey..
- “Periodic solutions of certain sixth order differential equations” Research Announcement, I. Mathematics Symposium, 1988, Ankara, Turkey..
- “Extension of an instability theorem for a certain fifth order differential equation”, National Mathematics Symposium, September 21-21, 1987 Trabzon, Turkey..

CITING BOOKS

- Donal O' Regan and Radu Precup, THEOREMS OF LERAY–SCHAUDER TYPE AND APPLICATIONS, Gordon and Breach Science Publishers, Canada, 2001
- Ondrej Doly and Pavel Rehak, HALF-LINEAR DIFFERENTIAL EQUATIONS, North-Holland Mathematics Studies , 202, Elsevier, New York, 2005
- Ondrej Dosly, HALF-LINEAR DIFFERENTIAL EQUATIONS $(r(t)\varphi(x'))' + c(t)\varphi(x) = 0$, Masarky University Brno, Faculty of Science, Czech Republic, 2004

CITING ARTICLES ON JOURNALS IN SCI (WITHOUT SELF CITATION)

- Title: OSCILLATION CRITERIA FOR SECOND ORDER NONLINEAR PERTURBED DIFFERENTIAL EQUATIONS Author(s): Remili M Source: ELECTRONIC JOURNAL OF QUALITATIVE THEORY OF DIFFERENTIAL EQUATIONS Issue: 25 Pages: 1-11 Published: 2010
- Title: ANNULUS CRITERIA FOR OSCILLATION OF SECOND ORDER DAMPED ELLIPTIC EQUATIONS Author(s): Xu ZT Source: JOURNAL OF THE KOREAN MATHEMATICAL SOCIETY Volume: 47 Issue: 6 Pages: 1183-1196 NOV 2010
- Title: On Lyapunov-Type Inequalities for Two-Dimensional Nonlinear Partial Systems Author(s): Chen LY, Zhao CJ, Cheung WS Source: JOURNAL OF INEQUALITIES AND APPLICATIONS Article Number: 504982 Published: 2010
- Title: On Kneser solutions of third-order delay dynamic equations Author(s): Grace SR, Bohner M, Liu AL Source: CARPATHIAN JOURNAL OF MATHEMATICS Volume: 26 Issue: 2 Pages: 184-192 Published: 2010
- Title: OSCILLATION OF THIRD-ORDER FUNCTIONAL DIFFERENTIAL EQUATIONS Author(s): Baculikova B, Dzurina J Source: ELECTRONIC JOURNAL OF QUALITATIVE THEORY OF DIFFERENTIAL EQUATIONS Issue: 43 Pages: 1-10 Published: 2010
- Title: An inequality for eigenvalues of quasilinear problems with monotonic weights Author(s): Castro MJ, Pinasco JP Source: APPLIED MATHEMATICS LETTERS Volume: 23 Issue: 11 Pages: 1355-1360 Published: NOV 2010
- Title: Interval criteria for second-order super-half-linear functional dynamic equations with delay and advance arguments Author(s): Anderson DR, Zafer A Source: JOURNAL OF DIFFERENCE EQUATIONS AND APPLICATIONS Volume: 16 Issue: 8 Pages: 917-930 Published: 2010
- Title: On the oscillation of forced second order mixed-nonlinear elliptic equations Author(s): Xu ZT Source: ANNALES POLONICI MATHEMATICI Volume: 98 Issue: 2 Pages: 169-188 Published: 2010
- Title: Lyapunov-type inequality for a class of odd-order differential equation Author(s): Yang XJ, Kim YI, Lo KM Source: JOURNAL OF COMPUTATIONAL AND APPLIED MATHEMATICS Volume: 234 Issue: 10 Pages: 2962-2968 Published: SEP 15 2010
- Title: Interval oscillation of second-order functional differential equations with oscillatory potentials Author(s): Guvenilir AF Source: NONLINEAR ANALYSIS-THEORY METHODS & APPLICATIONS Volume: 71 Issue: 12 Pages: E2849-E2854 Published: DEC 15 2009
- Title: Oscillation of third-order neutral differential equations Author(s): Baculikova B, Dzurina J Source: MATHEMATICAL AND COMPUTER MODELLING Volume: 52 Issue: 1-2 Pages: 215-226 Published: JUL 2010

- Title: Asymptotic Dichotomy in a Class of Third-Order Nonlinear Differential Equations with Impulses Author(s): Wen KW, Wang GQ, Cheng SS Source: ABSTRACT AND APPLIED ANALYSIS Article Number: 562634 Published: 2010
- Title: Lyapunov-type integral inequalities for certain higher order differential equations Author(s): Cakmak D Source: APPLIED MATHEMATICS AND COMPUTATION Volume: 216 Issue: 2 Pages: 368-373 Published: MAR 15 2010
- Title: Oscillation for Third-Order Nonlinear Differential Equations with Deviating Argument Author(s): Bartusek M, Cecchi M, Dosla Z, et al. Source: ABSTRACT AND APPLIED ANALYSIS Article Number: 278962 Published: 2010
- Title: Lyapunov-type inequality for a class of even-order differential equations Author(s): Yang XJ, Lo KM Source: APPLIED MATHEMATICS AND COMPUTATION Volume: 215 Issue: 11 Pages: 3884-3890 Published: FEB 1 2010
- Title: OSCILLATION THEOREMS FOR A CLASS OF SECOND ORDER NONLINEAR DIFFERENTIAL EQUATIONS WITH DAMPING Author(s): Rogovchenko YV, Tuncay F Source: TAIWANESE JOURNAL OF MATHEMATICS Volume: 13 Issue: 6B Pages: 1909-1928 Published: DEC 2009
- Title: Forced Oscillation of Second-order Nonlinear Dynamic Equations on Time Scales Author(s): Li TX, Han ZL, Sun SR, et al. ELECTRONIC JOURNAL OF QUALITATIVE THEORY OF DIFFERENTIAL EQUATIONS Issue: 60 Pages: 1-8 2009
- Title: Limit cycles for a class of fourth-order differential equations Author(s): Llibre J, Sellami N, Makhlof A Source: APPLICABLE ANALYSIS Volume: 88 Issue: 12 Pages: 1617-1630 Published: 2009
- Title: On bounded nonoscillatory solutions of third-order nonlinear differential equations Author(s): Mojsej I, Tartalova A Source: CENTRAL EUROPEAN JOURNAL OF MATHEMATICS Volume: 7 Issue: 4 Pages: 717-724 Published: DEC 2009
- Title: Yan's oscillation theorem revisited Author(s): Rogovchenko YV, Tuncay F Source: APPLIED MATHEMATICS LETTERS Volume: 22 Issue: 11 Pages: 1740-1744 Published: NOV 2009
- Title: Lyapunov-type integral inequalities for certain higher order differential equations Author(s): Cakmak D APPLIED MATHEMATICS AND COMPUTATION Volume: 216 Issue: 2 Pages: 368-373 MAR 15 2010
- Title: Oscillation for Third-Order Nonlinear Differential Equations with Deviating Argument Author(s): Bartusek M, Cecchi M, Dosla Z, et al. ABSTRACT AND APPLIED ANALYSIS Article Number: 278962 2010
- Title: Lyapunov-type inequality for a class of even-order differential equations Author(s): Yang XJ, Lo KM APPLIED MATHEMATICS AND COMPUTATION Volume: 215 Issue: 11 Pages: 3884-3890 FEB 1 2010
- Title: OSCILLATION THEOREMS FOR A CLASS OF SECOND ORDER NONLINEAR DIFFERENTIAL EQUATIONS WITH DAMPING Author(s): Rogovchenko YV, Tuncay F TAIWANESE JOURNAL OF MATHEMATICS Volume: 13 Issue: 6B Pages: 1909-1928 DEC 2009
- Title: Forced Oscillation of Second-order Nonlinear Dynamic Equations on Time Scales Author(s): Li TX, Han ZL, Sun SR, et al. ELECTRONIC JOURNAL OF QUALITATIVE THEORY OF DIFFERENTIAL EQUATIONS Issue: 60 1-8 2009
- Title: Limit cycles for a class of fourth-order differential equations Author(s): Llibre J, Sellami N, Makhlof A APPLICABLE ANALYSIS Volume: 88 Issue: 12 Pages: 1617-1630 2009

- Title: On bounded nonoscillatory solutions of third-order nonlinear differential equations
Author(s): Mojsej I, Tartalova A CENTRAL EUROPEAN JOURNAL OF MATHEMATICS Volume: 7 Issue: 4 Pages: 717-724 DEC 2009
- Title: Yan's oscillation theorem revisited Author(s): Rogovchenko YV, Tuncay F APPLIED MATHEMATICS LETTERS Vol: 22 Issue: 11 1740-1744 NOV 2009
- Title: Constructive proof for existence of nonlinear two-point boundary value problems
Author(s): Jiang W, Cui MG APPLIED MATHEMATICS AND COMPUTATION Volume: 215 Issue: 5 Pages: 1937-1948 NOV 1 2009
- Title: Interval oscillation criteria for second order super-half linear functional differential equations with delay and advanced arguments Author(s): Zafer A MATHEMATISCHE NACHRICHTEN Volume: 282 Issue: 9 Pages: 1334-1341 SEP 2009
- Title: OSCILLATION CRITERIA FOR SECOND-ORDER NONLINEAR DAMPED DIFFERENTIAL EQUATIONS Author(s): Fu YL, Wang QR DYNAMIC SYSTEMS AND APPLICATIONS Volume: 18 Issue: 3-4 Pages: 375-391 SEP-DEC 2009
- Title: Nonlinear oscillation of second-order dynamic equations on time scales Author(s): Anderson DR, Zafer A APPLIED MATHEMATICS LETTERS Volume: 22 Issue: 10 Pages: 1591-1597 OCT 2009
- Title: Oscillation criteria for a forced mixed type Emden-Fowler equation with impulses
Author(s): Liu XX, Xu Z APPLIED MATHEMATICS AND COMPUTATION Volume: 215 Issue: 1 Pages: 283-291 SEP 1 2009
- Title: Sun-Wong type theorems for second order damped elliptic equations Author(s): Xu ZT JOURNAL OF MATHEMATICAL ANALYSIS AND APPLICATIONS Volume: 359 Issue: 1 Pages: 322-332 NOV 1 2009
- Title: Asymptotic Dichotomy in a Class of Fourth-Order Nonlinear Delay Differential Equations with Damping Author(s): Hou CM, Cheng SS ABSTRACT AND APPLIED ANALYSIS Article Number: 484158 2009
- Title: Oscillation criteria for forced second order differential equations with mixed nonlinearities Author(s): Zheng ZW, Wang X, Han HM APPLIED MATHEMATICS LETTERS Volume: 22 Issue: 7 Pages: 1096-1101 JUL 2009
- Title: Constructive proof for existence of nonlinear two-point boundary value problems
Author(s): Jiang W, Cui MG Source: APPLIED MATHEMATICS AND COMPUTATION Volume: 215 Issue: 5 Pages: 1937-1948 Published: NOV 1 2009
- Title: Interval oscillation criteria for second order super-half linear functional differential equations with delay and advanced arguments Author(s): Zafer A Source: MATHEMATISCHE NACHRICHTEN Volume: 282 Issue: 9 Pages: 1334-1341 Published: SEP 2009
- Title: OSCILLATION CRITERIA FOR SECOND-ORDER NONLINEAR DAMPED DIFFERENTIAL EQUATIONS Author(s): Fu YL, Wang Q Source: DYNAMIC SYSTEMS AND APPLICATIONS Volume: 18 Issue: 3-4 Pages: 375-391 Published: SEP-DEC 2009
- Title: Nonlinear oscillation of second-order dynamic equations on time scales Author(s): Anderson DR, Zafer A Source: APPLIED MATHEMATICS LETTERS Volume: 22 Issue: 10 Pages: 1591-1597 Published: OCT 2009
- Title: Oscillation criteria for a forced mixed type Emden-Fowler equation with impulses
Author(s): Liu XX, Xu ZT Source: APPLIED MATHEMATICS AND COMPUTATION Volume: 215 Issue: 1 Pages: 283-291 Published: SEP 1 2009
- Title: Sun-Wong type theorems for second order damped elliptic equations Author(s): Xu ZT Source: JOURNAL OF MATHEMATICAL ANALYSIS AND APPLICATIONS Volume: 359 Issue: 1 Pages: 322-332 Published: NOV 1 2009

- Title: Asymptotic Dichotomy in a Class of Fourth-Order Nonlinear Delay Differential Equations with Damping Author(s): Hou CM, Cheng SS Source: ABSTRACT AND APPLIED ANALYSIS Article Number: 484158 Published: 2009
- Title: Oscillation criteria for forced second order differential equations with mixed nonlinearities Author(s): Zheng ZW, Wang X, Han HM Source: APPLIED MATHEMATICS LETTERS Volume: 22 Issue: 7 Pages: 1096-1101 JUL 2009
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