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Education Information

Doctorate, Ankara University, Fen Bilimleri, Turkey 1998 - 2003
Postgraduate, Afyon Kocatepe University, Institute of Science, Matematik, Turkey 1996 - 1998
Undergraduate, Ankara University, Dijital Fabrika Teknolojileri Programı, Matematik, Turkey 1990 - 1995

Research Areas

Mathematics, Differential Equations, Functional Equations, Natural Sciences

Academic Titles / Tasks

Professor, Akdeniz University, Faculty of Science, Matematik, 2015 - Continues
Associate Professor, Afyon Kocatepe University, Fen Edebiyat Fakültesi, Matematik, 2009 - 2015
Assistant Professor, Afyon Kocatepe University, Fen Edebiyat Fakültesi, Matematik, 2003 - 2009
Research Assistant, Ankara University, Dijital Fabrika Teknolojileri Programı, Matematik, 1998 - 2003
Research Assistant, Afyon Kocatepe University, Fen Edebiyat Fakültesi, Matematik, 1995 - 1998

Published journal articles indexed by SCI, SSCI, and AHCI

I. **An improved oscillation theorem for nonlinear delay differential equations**
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XLI. **Oscillations of the system of linear nonautonomous difference equations**

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I. **AN IMPROVED OSCILLATION THEOREM FOR NONLINEAR DIFFERENTIAL EQUATIONS OF ADVANCED TYPE**

Kiliç N., ÖCALAN Ö., Yildiz M. K.

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II. **Sufficient oscillation conditions for dynamic equations with nonmonotone delays**

ÖCALAN Ö., KILIÇ N.

Journal of Applied Mathematics and Informatics, vol.40, pp.843-856, 2022 (Scopus)

III. **An improvement for oscillation of first order difference equations**

ÖCALAN Ö.

Palestine Journal of Mathematics, vol.11, no.3, pp.455-461, 2022 (Scopus)

IV. **OSCILLATION RESULTS FOR SYSTEM OF DIFFERENTIAL EQUATIONS WITH SEVERAL DELAY TERMS**

ÖCALAN Ö.

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VI. **Oscillatory behavior for nonlinear delay differential equation with several non-monotone arguments**

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XVI.   Global analysis of a non autonomous difference equation with bounded coefficient
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CHATZARAKIS G. E., ÖCALAN Ö., ÖZTÜRK S.
Pacific Journal of Applied Mathematics, vol.7, pp.119-131, 2015 (Peer-Reviewed Journal)

XVIII.   Iterated oscillation criteria for delay partial difference equations
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Global Journal of Pure and Applied Mathematics, vol.9, pp.205-214, 2013 (Peer-Reviewed Journal)

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Far East Journal of Mathematical Sciences, vol.72, no.1, pp.109-116, 2013 (Peer-Reviewed Journal)

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