

Prof. Dr. YALÇIN TANIK

Kişisel Bilgiler

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Yönetilen Tezler

- TANIK Y., Investigation of range migration compensation in radar detection, Doktora, O.ÇULHA(Öğrenci), 2022
- TANIK Y., DIRECTION OF ARRIVAL ESTIMATION OF V/UHF RADIO SIGNALS OVER SEA PLATFORMS, Yüksek Lisans, Ü.ORAL(Öğrenci), 2016
- TANIK Y., Airborne high frequency direction finding, Yüksek Lisans, F.EMRE(Öğrenci), 2015
- TANIK Y., Algebraic spectral moments based moving clutter parameter estimation and clutter suppression, Yüksek Lisans, O.OKTAR(Öğrenci), 2014
- YILMAZ A. Ö., TANIK Y., A reduced complexity Ungerboeck type receiver for multi-code signaling in dispersive channels, Doktora, G.MUZAFFER(Öğrenci), 2014
- TANIK Y., Parametric estimation of clutter autocorrelation matrix for ground moving target indication, Yüksek Lisans, E.KALENDER(Öğrenci), 2013
- TANIK Y., An adaptive fast time radar receiving filter for minimization of clutter and time side-lobes, Yüksek Lisans, S.ÖZDEMİR(Öğrenci), 2013
- TANIK Y., Receiver design for a class of new pulse shapes for cpm signals, Yüksek Lisans, B.UĞURLU(Öğrenci), 2012
- KUZUOĞLU M., TANIK Y., Low elevation target detection and direction finding, Yüksek Lisans, G.UYAR(Öğrenci), 2012
- TANIK Y., Performance analysis of a digital communication system on sea platforms, Yüksek Lisans, G.ŞENOL(Öğrenci), 2012
- TANIK Y., A knowledge based approach in GMTI for the estimation of the clutter covariance matrix in space time adaptive processing, Yüksek Lisans, E.ANADOL(Öğrenci), 2012
- TANIK Y., A study on symbol synchronization and channel estimation for M-ary orthogonal transmission, Yüksek Lisans, E.KARAGÖZLÜ(Öğrenci), 2011
- TANIK Y., Noncoherent differential demodulation of CPM signals with joint frequency offset and symbol timing estimation, Yüksek Lisans, O.ÇULHA(Öğrenci), 2011
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- TANIK Y., Recursive passive localization methods using time difference of arrival, Yüksek Lisans, S.ÇAMLICA(Öğrenci), 2009
- TANIK Y., Highly efficient new methods of channel estimation for OFDM systems, Doktora, S.ÇÜRÜK(Öğrenci), 2008
- TANIK Y., Linear prediction for single snapshot multiple target Doppler estimation under possibly moving radar clutter, Yüksek Lisans, B.BARAN(Öğrenci), 2008
- TANIK Y., Direction finding with TDOA in a multipath land environment, Yüksek Lisans, Ç.HALİS(Öğrenci), 2007
- TANIK Y., An investigation of jamming techniques through a radar receiver simulation, Yüksek Lisans, A.ASLI(Öğrenci), 2007
- TANIK Y., Radar target detection in non-Gaussian clutter, Doktora, Ü.DOYURAN(Öğrenci), 2007
- TANIK Y., Optimization of non-uniform planar array geometry for direction of arrival estimation, Doktora, T.BİRİNCİ(Öğrenci), 2006
- TANIK Y., Symbol timing recovery for CPM signals based on matched filtering, Yüksek Lisans, Ç.BAŞERDEM(Öğrenci), 2006
- DEMİR Ş., TANIK Y., Design of an FM-CW radar altimeter, Yüksek Lisans, Y.BARIŞ(Öğrenci), 2005
- TANIK Y., Channel estimation for OFDM systems, Yüksek Lisans, İ.GÜREL(Öğrenci), 2005

TANIK Y., OFDM PAPR reduction with linear coding and codeword modification, Yüksek Lisans, A.SUSAR(Öğrenci), 2005

TANIK Y., Optimization of Doppler processing by using bank of matched filters, Yüksek Lisans, O.AKTOP(Öğrenci), 2005

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TANIK Y., Implementation of the music algorithm on a multiprocessor architecture, Yüksek Lisans, M.ŞENGÜL(Öğrenci), 2002

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TANIK Y., Adaptive antenna array for dect system, Yüksek Lisans, S.ÖZGÜN(Öğrenci), 2000

TANIK Y., Performance evolution of super-pocket and reservation protocols for pocket radio networks, Yüksek Lisans, S.DÖKMEN(Öğrenci), 1999

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TANIK Y., Design and simulation of a tranceiver architecture for VHF frequency hopping military radios, Yüksek Lisans, O.Dinçer(Öğrenci), 1996

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SCI, SSCI ve AHCI İndekslerine Giren Dergilerde Yayınlanan Makaleler

- I. **Low Complexity Keystone Transform and Radon Fourier Transform Utilizing Chirp-Z Transform**
Culha O., TANIK Y.
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- II. **Expectation Maximization-Based Detection in Range-Heterogeneous Weibull Clutter**
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- III. **A Reduced-State Ungerboeck Type MAP Receiver with Bidirectional Decision Feedback for M-ary Quasi Orthogonal Signaling**
GÜVENSEN G. M., TANIK Y., YILMAZ A. Ö.
IEEE TRANSACTIONS ON COMMUNICATIONS, cilt.62, sa.2, ss.552-566, 2014 (SCI-Expanded)
- IV. **A simplified MAP channel estimator for OFDM systems under Rayleigh fading**
ÇÜRÜK S., TANIK Y.
EUROPEAN TRANSACTIONS ON TELECOMMUNICATIONS, cilt.21, sa.4, ss.396-405, 2010 (SCI-Expanded)
- V. **Optimization of nonuniform array geometry for DOA estimation with the constraint on gross error probability**
Birinci T., Tanik Y.
SIGNAL PROCESSING, cilt.87, sa.10, ss.2360-2369, 2007 (SCI-Expanded)
- VI. **A novel approach for the design of pulse shaping filters**
Curuk S. M., Tanik Y.
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Diğer Dergilerde Yayınlanan Makaleler

- I. **Efficient Range Migration Compensation Method Based on Doppler Ambiguity Shift Transform**
Culha O., TANIK Y.
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Hakemli Kongre / Sempozyum Bildiri Kitaplarında Yer Alan Yayınlar

- I. **A Novel Neural Network Architecture for Radar Clutter Classification**
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- II. **Turbo Parametric Spectral Estimation Method of Clutter Profile for Adaptive Radar Detection**

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- III. **Experimental Evaluation of the Knowledge-Aided Sigma-Delta STAP Algorithm to Improve GMTI Performance**
Anadol E., TANIK Y.
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- IV. **An efficient ungerboeck type MAP receiver for multi-user channel with M-Ary quasi orthogonal signaling M-Ary yaklaşık dikgen sinyalleşme ile çoklu erişim için etkin ungerboeck tipinde MAP alicisi**
GÜVENSEN G. M., TANIK Y., YILMAZ A. Ö.
2013 21st Signal Processing and Communications Applications Conference, SIU 2013, Haspolat, Türkiye, 24 - 26 Nisan 2013
- V. **An Efficient Ungerboeck Type MAP Receiver for Multi-User Channel with M - ary Quasi Orthogonal Signaling**
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- VI. **Robust spread spectrum type communication with M-ary quasi orthogonal signaling for wireless fading channels M-ary yaklaşık dikgen sinyalleşme ile yayili spektruma sahip sistemler için etkin telsiz haberleşme**
GÜVENSEN G. M., TANIK Y., YILMAZ A. Ö.
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- VII. **On the Carrier Frequency Offset Estimation for Frequency Hopping Burst Mode Mobile Radio**
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- VIII. **Cut-off Rate based Outage Probability Analysis of Frequency Hopping Mobile Radio under Jamming Conditions**
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- IX. **Detection of multiple targets in Non-Gaussian clutter**
Doyuran U. C., TANIK Y.
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- X. **Multi-range and multi-pulse radar detection in correlated non-Gaussian clutter**
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- XI. **Detection in heterogeneous radar clutter**
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- XII. **Simplified MAP estimator for OFDM systems under fading**
Cueruek S. M., TANIK Y.
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- XIII. **New Pulse Shapes for CPM Signals**
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Metrikler

Yayın: 20

Atf (WoS): 36

Atıf (Scopus): 37

H-İndeks (WoS): 4

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