

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

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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.ÇURÜK(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., Performance of a transmit delay scheme in digital simulcast environment, Yüksek Lisans, A.ÖZGÜR(Öğrenci), 2004

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TANIK Y., Symbol synchronization for MSK signals based on matched filtering, Yüksek Lisans, S.SEZGİNER(Öğrenci), 2003

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

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TANIK Y., Cyclostationarity based signal detection and direction finding using time-difference-of-arrival method, Yüksek Lisans, I.YAZGAN(Öğrenci), 2000

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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

TANIK Y., Performance analysis of a new synclironization method for direct sequence spread spectrum radio, Yüksek Lisans, C.TOKER(Öğrenci), 1999

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TANIK Y., Downlink power control for S-CDMA cellular systems, Yüksek Lisans, E.MUTLU(Öğrenci), 1997

TANIK Y., Performance analysis of the destreceiver by simulation, Yüksek Lisans, d.Ölgen(Öğrenci), 1996

TANIK Y., Correlation smoothing for DOA tracking, subspace tacking by Jacobi method and their performances in conjunction with music, Doktora, M.Koşaroğlu(Öğrenci), 1996

TANIK Y., Direction finding with a uniform circular array via single snapshot processing, Doktora, A.KOÇ(Öğrenci), 1996

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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TANIK Y., Subjective evaluation of GSM speech codec under different conditions, Yüksek Lisans, B.GÜRTUNCA(Öğrenci), 1994

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systems, Yüksek Lisans, F.MURAT(Öğrenci), 1989

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TANIK Y., Performance analysis of a 16 QAM 140 MBIT/S digital radio, Yüksek Lisans, B.ŞAHİNER(Öğrenci), 1988

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**
Doyuran U. C., TANIK Y.
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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**
Eraslan B., GÜVENSEN G. M., TANIK Y.
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- II. **Turbo Parametric Spectral Estimation Method of Clutter Profile for Adaptive Radar Detection**

Eraslan B., GÜVENSEN G. M., TANIK Y.

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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.
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- V. **An Efficient Ungerboeck Type MAP Receiver for Multi-User Channel with M - ary Quasi Orthogonal Signaling**
GÜVENSEN G. M., TANIK Y., YILMAZ A. Ö.
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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**
GÜVENSEN G. M., TANIK Y., YILMAZ A. Ö.
MILCOM Military Communications Conference, San-Jose, Kostarika, 31 Ekim - 03 Kasım 2010, ss.1244-1249
- VIII. **Cut-off Rate based Outage Probability Analysis of Frequency Hopping Mobile Radio under Jamming Conditions**
GÜVENSEN G. M., TANIK Y., YILMAZ A. Ö.
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- IX. **Detection of multiple targets in Non-Gaussian clutter**
Doyuran U. C., TANIK Y.
2008 IEEE Radar Conference, Rome, İtalya, 26 - 30 Mayıs 2008, ss.1024-1025
- X. **Multi-range and multi-pulse radar detection in correlated non-Gaussian clutter**
Doyuran U. C., TANIK Y.
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- XI. **Detection in heterogeneous radar clutter**
Doyuran U. C., TANIK Y.
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- XII. **Simplified MAP estimator for OFDM systems under fading**
Cueruek S. M., TANIK Y.
65th IEEE Vehicular Technology Conference, Dublin, İrlanda, 22 - 25 Nisan 2007, ss.3165-3169
- XIII. **New Pulse Shapes for CPM Signals**
Doyuran E., TANIK Y.
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Metrikler

Yayın: 20

Atf (WoS): 36

Atıf (Scopus): 37

H-İndeks (WoS): 4

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