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Akademik Unvanlar / Görevler

Yrd.Doç.Dr., Linköpings Universitet (Linköping University), Mühendislik, Elektrik, 2018 - Devam Ediyor

Yrd.Doç.Dr., Linköpings Universitet (Linköping University), Mühendislik, Elektrik, 2011 - 2018

Yrd.Doç.Dr., University of Cambridge, Engineering, Information Engineering , 2015 - 2015

Öğretim Görevlisi Dr., Linköpings Universitet (Linköping University), Mühendislik, Elektrik, 2009 - 2011

Mesleki Deneyim

Bölüm Başkan Danışmanı, Orta Doğu Teknik Üniversitesi, Mühendislik Fakültesi, Elektrik Ve Elektronik Mühendisliği Bölümü, 2016 - Devam Ediyor

Yönetilen Tezler

ÖZKAN E., Tracking non-ellipsoidal extended objects using sequential monte carlo, Yüksek Lisans, S.FATİH(Öğrenci), 2018

ÖZKAN E., String Stability Analysis of Cooperative Adaptive Cruise Control (CACC) With Actuator Saturation, Yüksek Lisans, H.BİNGÖL(Öğrenci), 2017

SCI, SSCI ve AHCI İndekslerine Giren Dergilerde Yayınlanan Makaleler

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Kara S. F. , ÖZKAN E.
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- **Approximate Bayesian Smoothing with Unknown Process and Measurement Noise Covariances**
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- **Recursive Maximum Likelihood Identification of Jump Markov Nonlinear Systems**
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- **Dynamic Speech Spectrum Representation and Tracking Variable Number of Vocal Tract Resonance Frequencies With Time-Varying Dirichlet Process Mixture Models**
ÖZKAN E., ÖZBEK ARSLAN I., Demirekler M.
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Diğer Dergilerde Yayınlanan Makaleler

- **Beklenti Maksimizasyonu ile Genişletilmiş Hedef İzleme**
ÖZKAN E.
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Hakemli Kongre / Sempozyum Bildiri Kitaplarında Yer Alan Yayınlar

- **Multi-Ellipsoidal Extended Target Tracking Using Sequential Monte Carlo**
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- **3D Extended Object Tracking Using Recursive Gaussian Processes**
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- **Extended Object Tracking and Shape Classification**
Tuncer B., Kumru M., Alatan A. A. , Özkan E.
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- **MARGINAL BAYESIAN BHATTACHARYYA BOUNDS FOR DISCRETE-TIME FILTERING**
Fritsche C., ORGUNER U., ÖZKAN E., Gustafsson F.
IEEE International Conference on Acoustics, Speech and Signal Processing (ICASSP), Calgary, Kanada, 15 - 20 Nisan 2018, ss.4289-4293
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ÖZKAN E., Wahlstrom N., Godsill S. J.
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- **Sparse Structure Inference for Group and Network Tracking**
Murphy J., ÖZKAN E., Bunch P., Godsill S. J.
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- **Joint Antenna and Propagation Model Parameter Estimation Using RSS Measurements**
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- **Particle Filtering for Positioning Based on Proximity Reports**
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- **Cooperative Terrain Based Navigation and coverage identification using consensus**
Kasebzadeh P., Fritsche C., ÖZKAN E., Gunnarsson F., Gustafsson F.
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- **MARGINAL WEISS-WEINSTEIN BOUNDS FOR DISCRETE-TIME FILTERING**
Fritsche C., Ozkan E., ORGUNER U., Gustafsson F.
40th IEEE International Conference on Acoustics, Speech, and Signal Processing (ICASSP), Brisbane, Avustralya, 19 - 24 Nisan 2015, ss.3487-3491

- **A fresh look at Bayesian Cramer Rao bounds for discrete time nonlinear filtering**
Zhao Y., Yin F., Gunnarsson F., Amirijoo M., ÖZKAN E., Gustafsson F.
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- **On the Cramér-Rao lower bound under model mismatch**
Fritsche C., ORGUNER U., Ozkan E., Gustafsson F.
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- **An adaptive PHD filter for tracking with unknown sensor characteristics**
Zhao Y., Yin F., Gunnarsson F., Amirijoo M., ÖZKAN E., Gustafsson F.
2013 16th International Conference on Information Fusion, İstanbul, Türkiye, 9 - 12 Temmuz 2013
- **A Student s t filter for heavy tailed process and measurement noise**
Roth M., ÖZKAN E., Gustafsson F.
2013 IEEE International Conference on Acoustics, Speech and Signal Processing, Vancouver, BC, Canada, 26 - 31 Mayıs 2013
- **Online EM algorithm for joint state and mixture measurement noise estimation**
Zhao Y., Yin F., Gunnarsson F., Amirijoo M., ÖZKAN E., Gustafsson F.
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- **Online EM algorithm for jump Markov systems**
Zhao Y., Yin F., Gunnarsson F., Amirijoo M., ÖZKAN E., Gustafsson F.
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- **Olasilik hipotez yoğunluğu süzgeci kullanarak akustik sensörlerle kara araçları takibi**
Özkan E., GÜLDOĞAN B., ORGUNER U., Gustafsson F.
2012 20th Signal Processing and Communications Applications Conference, SIU 2012, Fethiye, Mugla, Türkiye, 18 - 20 Nisan 2012
- **A Bayesian approach to jointly estimate tire radii and vehicle trajectory**
ÖZKAN E., Lundquist C., Gustafsson F.
2011 14th International IEEE Conference on Intelligent Transportation Systems (ITSC), Washington, DC, USA, 5 - 07 Ekim 2011
- **Ground multiple target tracking with a network of acoustic sensor arrays using PHD and CPHD filters**
Özkan E., Guldogan M. B. , Orguner U., Gustafsson F.
14th International Conference on Information Fusion, Fusion 2011, Chicago, IL, Amerika Birleşik Devletleri, 5 - 08 Temmuz 2011
- **Non parametric bayesian measurement noise density estimation in non linear filtering**
ÖZKAN E., Saikat S., Fredrik G., Smidl V.
2011 IEEE International Conference on Acoustics, Speech and Signal Processing (ICASSP), Prague, Czech Republic, 22 - 27 Mayıs 2011
- **Parçacık Süzgeci ile Doğrusal olmayan Modellerde Gauss Gürültüsü Parametreleri Kestirimi**
ÖZKAN E., GUSTAFSSON F.
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- **Marginalized particle filters for Bayesian estimation of Gaussian noise parameters**
Zhao Y., Yin F., Gunnarsson F., Amirijoo M., ÖZKAN E., Gustafsson F.
2010 13th International Conference on Information Fusion, Edinburgh, Saint Helena, 26 - 29 Temmuz 2010

Desteklenen Projeler

Özkan E., Teknopark, Nitelik Füzyonu Tespit Sistemi Algoritması geliştirme Projesi - 2, 2017 - 2018

Özkan E., Diğer Özel Kurumlarca Desteklenen Proje, SENSOR FUZYON ALGORİTMASI GELİSTİRME PROJESİ, 2016 - 2017

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