

# Prof. ERTUĞRUL AKSOY

## Personal Information

**Office Phone:** [+90 312 582 3356](tel:+903125823356)

**Email:** ertugrulaksoy@gazi.edu.tr

**Web:** <https://avesis.gazi.edu.tr/ertugrulaksoy>

## International Researcher IDs

ScholarID: v7J-q80AAAAJ

ORCID: 0000-0002-6184-7112

Publons / Web Of Science ResearcherID: AAE-8936-2019

ScopusID: 23033307800

Yoksis Researcher ID: 43223

## Education Information

Doctorate, Gazi University, Fen Bilimleri Enstitüsü, Elektrik-Elektronik Mühendisliği (Dr), Turkey 2008 - 2012

Postgraduate, Gazi University, Fen Bilimleri Enstitüsü, Elektrik-Elektronik Mühendisliği (YI) (Tezli), Turkey 2005 - 2008

Undergraduate, Gazi University, Mühendislik Fakültesi, Elektrik-Elektronik Mühendisliği Bölümü, Turkey 2000 - 2005

## Dissertations

Doctorate, Zaman modülasyonlu anten dizileri için dizi seyreltme, yanbant analizi ve darbe eniyilemesi, Gazi University, Fen Bilimleri Enstitüsü, Elektrik-Elektronik Mühendisliği (Dr), 2012

Postgraduate, Diferensiyel evrim algoritması ile anten dizilerinde örüntü şekillendirme, Gazi University, Fen Bilimleri Enstitüsü, Elektrik-Elektronik Mühendisliği (YI) (Tezli), 2007

## Research Areas

Electrical and Electronics Engineering, Electromagnetic, Wave Propagation and Remote Sensing, Electric and Magnetic Fields, Electromagnetic Waves, Antennas and Propagation, Passive Microwave Circuits, Planar Buildings, Technical Textiles

## Academic Titles / Tasks

Professor, Gazi University, Mühendislik Fakültesi, Elektrik - Elektronik Mühendisliği, 2022 - Continues

Associate Professor, Gazi University, Mühendislik Fakültesi, Elektrik - Elektronik Mühendisliği, 2017 - 2022

Assistant Professor, Gazi University, Mühendislik Fakültesi, Elektrik - Elektronik Mühendisliği, 2014 - 2017

Research Assistant, Gazi University, Mühendislik Fakültesi, Elektrik - Elektronik Mühendisliği, 2005 - 2014

## Courses

Electromagnetic Field Theory, Undergraduate, 2020 - 2021

Mathematical Methods in EE Engineering, Postgraduate, 2020 - 2021

Engineering Mathematics, Undergraduate, 2020 - 2021, 2017 - 2018  
EEM101E Introduction to EE Engineering, Undergraduate, 2017 - 2018  
EEM101E Introduction to Electrical and Electronics Engineering, Undergraduate, 2016 - 2017  
EM598 Faz Dizili Anten Tasarımı, Postgraduate, 2016 - 2017  
EEM352E Electromagnetic Waves, Undergraduate, 2016 - 2017

## Advising Theses

AKSOY E., Design And Analysis Of Angular Stable Antipodal F-Type Frequency Selective Surface With Multi-Band Characteristics, Doctorate, M.KARAHAN(Student), 2021  
AKSOY E., Frequency Selective Surfaces Application With Apollonius Circles, Postgraduate, S.HABERGÖTÜREN(Student), 2018  
AKSOY E., Design Of Adaptive Gps Jamming Mitigation System Through Taguchi'S Method, Postgraduate, S.SELÇUK(Student), 2018  
AKSOY E., A Study To Enhance Night Flying Safety For Rotary Wing Pilots, Postgraduate, E.ÇALIMFİDAN(Student), 2015  
AKSOY E., Zaman modülasyonlu doğrusal anten dizileri kullanılarak çift kanal genlik modülasyon alıcı tasarımı, Postgraduate, Y.YAVUZ(Student), 2015

## Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Polarization-insensitive, wideband reflective metasurface generating orbital angular momentum vortex beam**  
Noamadeh Z., Giden I. H., AKSOY E.  
Optik, vol.311, 2024 (SCI-Expanded)
- II. **Dot-shaped transmit beamforming with nonuniform time-modulated concentric circular frequency diverse array**  
Yesilyurt U., Arican G. O., AKSOY E.  
Microwave and Optical Technology Letters, vol.66, no.1, 2024 (SCI-Expanded)
- III. **Model analysis of embroidered FSS and evaluation of production**  
Üner İ., CAN Ö., AKSOY E., Gürcüm B. H., YILMAZ A. Z.  
Journal of the Textile Institute, vol.115, no.8, pp.1340-1349, 2024 (SCI-Expanded)
- IV. **A new method on pattern correction in broadside planar frequency diverse arrays Enine ışılan düzlemsel ayrık frekanslı dizi antenlerde örüntü düzeltmede yeni bir yöntem**  
Günay M. E., KANBAZ İ., AKSOY E.  
Journal of the Faculty of Engineering and Architecture of Gazi University, vol.39, no.4, pp.2253-2262, 2024 (SCI-Expanded)
- V. **Design and analysis of novel DGS-loaded low-pass filter with wide stopband**  
Arican G. O., KANBAZ İ., Noamadeh Z., AKSOY E.  
Frequenz, vol.77, no.7-8, pp.357-364, 2023 (SCI-Expanded)
- VI. **On the Sideband Harmonics in Pulsed Frequency Diverse Arrays**  
KANBAZ İ., Yesilyurt U., Arican G. O., AKSOY E., Matthaïou M.  
IEEE ACCESS, vol.11, pp.144435-144445, 2023 (SCI-Expanded)
- VII. **Power losses and efficiency analysis of non-uniform time modulated arrays over a ground plane**  
YEŞİLYURT U., KANBAZ İ., AKSOY E.  
AEU - International Journal of Electronics and Communications, vol.146, 2022 (SCI-Expanded)
- VIII. **Effect of Ground Plane on Power Losses and Efficiency for Uniform Period Time Modulated Arrays**  
YEŞİLYURT U., KANBAZ İ., AKSOY E.  
IEEE SENSORS JOURNAL, vol.22, no.4, pp.3637-3647, 2022 (SCI-Expanded)
- IX. **Design and Implementation of a Textile-Based Embroidered Frequency Selective Surface**

ÜNER İ., CAN S., GÜRCÜM B. H., YILMAZ A. E., AKSOY E.

TEKSTİL VE KONFEKSİYON, vol.32, no.4, pp.297-303, 2022 (SCI-Expanded)

- X. **A Noniterative Convoluted Harmonic Beamforming Technique in Time Modulated Arrays**  
YEŞİLYURT U., KANBAZ İ., Kuzu S., AKSOY E.  
IEEE TRANSACTIONS ON ANTENNAS AND PROPAGATION, vol.69, no.2, pp.795-805, 2021 (SCI-Expanded)
- XI. **Design and analysis of angular stable antipodal F-type frequency selective surface with multi-band characteristics**  
Karahana M., AKSOY E.  
INTERNATIONAL JOURNAL OF RF AND MICROWAVE COMPUTER-AIDED ENGINEERING, vol.30, no.12, 2020 (SCI-Expanded)
- XII. **A multibeam subarrayed time-modulated linear array**  
YEŞİLYURT U., KANBAZ İ., AKSOY E.  
TURKISH JOURNAL OF ELECTRICAL ENGINEERING AND COMPUTER SCIENCES, vol.28, no.2, pp.784-798, 2020 (SCI-Expanded)
- XIII. **Total Harmonic Power of Arbitrarily Switched Nonuniform Period Time-Modulated Arrays**  
KANBAZ İ., YEŞİLYURT U., Kuzu S., AKSOY E.  
IEEE ANTENNAS AND WIRELESS PROPAGATION LETTERS, vol.19, no.1, pp.193-197, 2020 (SCI-Expanded)
- XIV. **A Study on Harmonic Power Calculation for Nonuniform Period Linear Time Modulated Arrays**  
KANBAZ İ., YEŞİLYURT U., AKSOY E.  
IEEE ANTENNAS AND WIRELESS PROPAGATION LETTERS, vol.17, no.12, pp.2369-2373, 2018 (SCI-Expanded)
- XV. **Estimating the parameters of 3-p Weibull distribution using particle swarm optimization: A comprehensive experimental comparison**  
ÖRKÜ H. H., Özsoy V. S., AKSOY E., Dogan M. I.  
APPLIED MATHEMATICS AND COMPUTATION, vol.268, pp.201-226, 2015 (SCI-Expanded)
- XVI. **Estimating the parameters of 3-p Weibull distribution through differential evolution**  
ÖRKÜ H. H., AKSOY E., Dogan M. I.  
APPLIED MATHEMATICS AND COMPUTATION, vol.251, pp.211-224, 2015 (SCI-Expanded)
- XVII. **Calculation of Sideband Radiations in Time-Modulated Volumetric Arrays and Generalization of the Power Equation**  
Aksoy E.  
IEEE TRANSACTIONS ON ANTENNAS AND PROPAGATION, vol.62, no.9, pp.4856-4860, 2014 (SCI-Expanded)
- XVIII. **An Inequality for the Calculation of Relative Maximum Sideband Level in Time-Modulated Linear and Planar Arrays**  
AKSOY E., AFACAN E.  
IEEE TRANSACTIONS ON ANTENNAS AND PROPAGATION, vol.62, no.6, pp.3392-3397, 2014 (SCI-Expanded)
- XIX. **A Comparative Study on Sideband Optimization in Time-Modulated Arrays**  
AKSOY E., AFACAN E.  
INTERNATIONAL JOURNAL OF ANTENNAS AND PROPAGATION, vol.2014, 2014 (SCI-Expanded)
- XX. **Calculation of Sideband Power Radiation in Time-Modulated Arrays With Asymmetrically Positioned Pulses**  
AKSOY E., AFACAN E.  
IEEE ANTENNAS AND WIRELESS PROPAGATION LETTERS, vol.11, pp.133-136, 2012 (SCI-Expanded)
- XXI. **Thinned Nonuniform Amplitude Time-Modulated Linear Arrays**  
AKSOY E., AFACAN E.  
IEEE ANTENNAS AND WIRELESS PROPAGATION LETTERS, vol.9, pp.514-517, 2010 (SCI-Expanded)
- XXII. **Planar antenna pattern nulling using differential evolution algorithm**  
AKSOY E., AFACAN E.  
AEU-INTERNATIONAL JOURNAL OF ELECTRONICS AND COMMUNICATIONS, vol.63, no.2, pp.116-122, 2009 (SCI-Expanded)

## Articles Published in Other Journals

- I. **COMPARATIVE ANALYSIS OF EMBROIDERY AND SCREEN-PRINTING TECHNIQUES FOR TEXTILE-BASED FREQUENCY SELECTIVE SURFACES**

ÜNER İ., Can S., Gürcüm B. h., Yılmaz A. E., Aksoy E.

Tekstil ve Mühendis, vol.30, no.131, pp.243-248, 2023 (Scopus)

## Books & Book Chapters

- I. **Advances in Array Optimization**

Aksoy E. (Editor)

in: Advances in Array Optimization, Ertuğrul Aksoy, Editor, InTech, London, pp.1-133, 2020

- II. **Optimization Approaches in Sideband Calculations and a Non- Iterative Harmonic Suppression Strategy in 4D Arrays**

Aksoy E., Yavuz Y., Karahan M.

in: Compendium of New Techniques in Harmonic Analysis, Moulay Tahar Lamchich, Editor, InTech, London, pp.75-97, 2018

## Refereed Congress / Symposium Publications in Proceedings

- I. **The Effect of Embroidery and Screen Printing Techniques on the Fabrication of Band-Stop FSS**  
Üner İ., Can S., Gürcüm B. H., Yılmaz A. E., Aksoy E.  
International Textile and Fashion Congress (ITFC' 2023), İstanbul, Turkey, 16 - 17 March 2023, pp.373-379
- II. **Theoretical and Practical Aspects for Flat-Knitted Band-Stop Frequency Selective Surface**  
Üner İ., Can S., Gürcüm B. H., Yılmaz A. E., Aksoy E., Yolcular İ.  
International Textile and Fashion Congress (ITFC' 2023), İstanbul, Turkey, 16 - 17 March 2023, pp.361-367
- III. **Design of Cross Coupled Filter on a Thin-Film Substrate at X Band**  
Doydu A. İ., Aksoy E., Alişan B.  
30th Signal Processing and Communications Applications Conference (SIU), 15 - 18 May 2022, pp.1-4
- IV. **Generation of Orbital Angular Momentum Vortex Beam Based on Reflectarray Antenna for Microwave Applications**  
Noamadeh Z., Kanbaz İ., Aksoy E.  
2022 30th Signal Processing and Communications Applications Conference (SIU), Karabük, Turkey, 15 May - 18 September 2022, pp.1-5
- V. **An Optimization Approach to Synthesis of the Isoflux Pattern for GEO/MEO Satellites using Time Modulated Antenna Arrays**  
Kanbaz İ., Noamadeh Z., Aksoy E.  
2022 30th Signal Processing and Communications Applications Conference (SIU), Karabük, Turkey, 15 - 18 May 2022, pp.1-5
- VI. **Design of a PIN Diode-Based Reconfigurable Frequency Selective Surface**  
Karahana M., AKSOY E.  
2022 Workshop on Microwave Theory and Techniques in Wireless Communications, MTTW 2022, Riga, Latvia, 5 - 07 October 2022, pp.95-99
- VII. **An Effective Pattern Correction Method for Conformal Frequency Diverse Arrays**  
GÜNAY M., KANBAZ İ., AKSOY E.  
Workshop on Microwave Theory and Techniques in Wireless Communications (MTTW), Riga, Latvia, 5 - 07 October 2022, pp.134-137
- VIII. **Range-Angle Dependent Radiation by Using Non-uniform Period Time Modulated Arrays**  
KANBAZ İ., YEŞİLYURT U., AKSOY E.

IEEE Microwave Theory and Techniques in Wireless Communications (MTTW' 2021), Riga, Latvia, 7 - 08 October 2021

- IX. **Design of a Frequency Selective Surface Based on a Notched Semi-Overlapped Square patches**  
KARAHAN M., AKSOY E.  
IEEE Microwave Theory and Techniques in Wireless Communications (MTTW' 2021), Riga, Latvia, 7 - 08 October 2021
- X. **Zaman Modülasyonlu Dizilerde Değişen Genlikli Darbe Anahtarlama Kullanarak Örüntü Sentezi**  
KANBAZ İ., YEŞİLYURT U., KUZU S., AKSOY E.  
2. Ulusal Mühendislikte Bilimsel ve Mesleki Çalışmalar Kongresi, Ankara, Turkey, 7 - 10 November 2019
- XI. **Zaman Modülasyonlu Dizilerde Hüzme Yönlendirme Üzerine Bir Çalışma**  
YEŞİLYURT U., KANBAZ İ., KUZU S., AKSOY E.  
2. Ulusal Mühendislikte Bilimsel ve Mesleki Çalışmalar Kongresi, Turkey, 7 - 10 November 2019
- XII. **Pattern Synthesis in Time Modulated Arrays via Offsetted Time Sequences**  
Kanbaz I., Yesilyurt U., Kuzu S., AKSOY E.  
27th Telecommunications Forum, TELFOR 2019, Belgrade, Serbia, 26 - 27 November 2019
- XIII. **An Ultra Wideband Band-Stop Frequency Selective Surface Filter for the C-band and X-band Applications**  
NOAMADEH Z., AKSOY E.  
6th International Multidisciplinary Studies Congress, 26 - 27 August 2019
- XIV. **A Dual-Band Notch Filter Based on Frequency Selective Surface for Ku-Band Operations**  
NOAMADEH Z., AKSOY E.  
6th International Multidisciplinary Studies Congress, 26 - 27 August 2019
- XV. **Optimization of Time Modulated Arrays Through Switching Frequency**  
KANBAZ İ., YEŞİLYURT U., KUZU S., AKSOY E.  
11th International Conference on Electrical and Electronics Engineering (ELECO), Bursa, Turkey, 28 - 30 November 2019, pp.664-668
- XVI. **Harmonic Beam Steering through Dual-Phase Variable Pulse Amplitude Switching Strategy in Time Modulated Linear Arrays**  
Yesilyurt U., Kanbaz I., Kuzu S., Aksoy E.  
27th Telecommunications Forum (TELFOR), Belgrade, Serbia, 26 - 27 November 2019, pp.422-425
- XVII. **Multi-channel Thinned Array with the Sinusoidal Excitation Waveform**  
YEŞİLYURT U., KANBAZ İ., KIVU S., AKSOY E.  
11th International Conference on Electrical and Electronics Engineering (ELECO), Bursa, Turkey, 28 - 30 November 2019, pp.655-658
- XVIII. **Zaman Modülasyonlu Doğrusal Dizilerde Yan Kulakçık ve Yanbant Seviyelerinin Bastırılması İçin İki Aşamalı Bir Eniyileme Yaklaşımı**  
YEŞİLYURT U., KANBAZ İ., AKSOY E.  
9. URSI-Türkiye Kongresi (URSI'2018), Turkey, 6 - 08 September 2018
- XIX. **Tekdüze Olmayan Zaman Modülasyonlu Doğrusal Dizi Anten Sistemlerinde Güç Hesabı Üzerine Bir Çalışma**  
KANBAZ İ., YEŞİLYURT U., AKSOY E.  
9. URSI-Türkiye Kongresi (URSI'2018), Turkey, 6 - 08 September 2018
- XX. **Tekdüze Olmayan Zaman Modülasyonlu Doğrusal Dizi Anten Sistemlerinde Dinamik Verimliliğin Hesaplanması Üzerine Bir Çalışma**  
KANBAZ İ., YEŞİLYURT U., AKSOY E.  
9. URSI-Türkiye Kongresi (URSI'2018), Turkey, 6 - 08 September 2018
- XXI. **WLAN Uygulamaları için İkili Bant Durdurucu Minyatürize Frekans Seçici Yüzey Tasarımı**  
HABERGÖTÜREN ATEŞ S., AKSOY E.  
9. URSI-Türkiye Kongresi (URSI'2018), Turkey, 6 - 08 September 2018
- XXII. **A New Approach for Harmonic Power Calculation of Nonuniform Time Modulated Arrays**  
KANBAZ İ., YEŞİLYURT U., AKSOY E.

International Symposium on Fundamentals of Electrical Engineering (ISFEE), Bucharest, Romania, 1 - 03 November 2018

**XXIII. A Two-Stage Optimization Approach to Suppression of Side Lobe and Sideband Levels in Time-Modulated Linear Arrays**

YEŞİLYURT U., KANBAZ İ., AKSOY E.

International Symposium on Fundamentals of Electrical Engineering (ISFEE), Bucharest, Romania, 1 - 03 November 2018

**XXIV. Control of Harmonic Patterns Using Shifted Variable Pulse Amplitude Excitation Strategy in 4D Arrays**

YAVUZ Y., AKSOY E., KARAHAN M.

5th International Symposium on Innovative Technologies in Engineering and Science (ISITES'2017), Baku, Azerbaijan, 29 - 30 September 2017

**XXV. Sideband Suppression Through the Frequency of Sinusoidal Variable Pulse Amplitude Time Scheme in TMAs**

YAVUZ Y., AKSOY E., KARAHAN M.

5th International Symposium on Innovative Technologies in Engineering and Science (ISITES'2017), Baku, Azerbaijan, 29 - 30 September 2017

**XXVI. Analysis of apollonius circles fractals as frequency selective surface**

HABERGÖTÜREN ATEŞ S., Kuzu S., AKSOY E., AKÇAM N.

2017 18th International Symposium on Electromagnetic Fields in Mechatronics, Electrical and Electronic Engineering (ISEF), 14 - 16 September 2017

**XXVII. GPS Jamming Mitigation through Taguchi's Optimization Method**

Ozdemir S. S., AKSOY E.

25th Telecommunication Forum (TELFOR), Belgrade, Serbia, 21 - 22 November 2017, pp.147-150

**XXVIII. A Dual-Band Frequency Selective Surface Structure with Stable Performance for Oblique Incidence**

Karahan M., Yavuz Y., Ates S., AKSOY E.

10th International Conference on Electrical and Electronics Engineering (ELECO), Bursa, Turkey, 30 November - 02 December 2017, pp.1096-1098

**XXIX. An FSS Structure Based on Apollonius Circles with Stable Resonance Frequency for WLAN Applications**

Ates S., Karahan M., Yavuz Y., Kuzu S., AKSOY E.

10th International Conference on Electrical and Electronics Engineering (ELECO), Bursa, Turkey, 30 November - 02 December 2017, pp.1396-1398

**XXX. A Frequency Selective Surface Design To Reduce The Interference Effect On Satellite Communication**

Karahan M., AKSOY E., Yavuz Y.

8th International Conference on Recent Advances in Space Technologies (RAST), İstanbul, Turkey, 19 - 22 June 2017, pp.221-223

**XXXI. A Simultaneous Dual Channel Communication Concept over 4D Arrays in Satellite Networks**

Yavuz Y., AKSOY E., Karahan M.

8th International Conference on Recent Advances in Space Technologies (RAST), İstanbul, Turkey, 19 - 22 June 2017, pp.225-228

**XXXII. Kayıplı Düzlemsel Yarı Uzay Üzerindeki Dikey Dipol Antenin Işıma Örüntüsünün İncelenmesi**

Yücedağ O. M., Yazıcı C., AKSOY E.

23. IEEE Sinyal İşleme ve İletişim Uygulamaları Kurultayı (SIU'xx2015), Malatya, Turkey, 16 - 19 May 2015

**XXXIII. Düzlemsel Yer Yüzü Üzerinde Dikey Konumlanmış Farklı Uzunluktaki Dipol Antenlerin Işıma Örüntülerinin İncelenmesi**

Yazıcı C., Yücedağ O. M., AKSOY E.

8. Mühendislik ve Teknoloji Sempozyumu (MTS), Ankara, Turkey, 14 - 15 May 2015

**XXXIV. A Dual Channel AM Receiver Structure in 4D Arrays**

Yavuz Y., Karahan M., AKSOY E.

IEEE International Symposium on Antennas and Propagation / USNC/URSI National North American Radio Science

Meeting, Vancouver, Canada, 19 - 24 July 2015, pp.804-805

- XXXV. **Design of Wideband Conformal Antenna Array at X-band for satellite applications**  
Karahan M., AKSOY E., Armagan Sahinkaya D. S.  
7th International Conference on Recent Advances in Space Technologies (RAST), İstanbul, Turkey, 16 - 19 June 2015, pp.397-400
- XXXVI. **Investigation of Dipole Antenna Radiation Pattern Over Planar Lossy Half-Space**  
Yucedag O. M., Yazici C., AKSOY E.  
23rd Signal Processing and Communications Applications Conference (SIU), Malatya, Turkey, 16 - 19 May 2015, pp.649-652
- XXXVII. **Time Modulation through Variable Pulse Amplitude in 4D Arrays**  
AKSOY E.  
13th International Conference on Telecommunications and Informatics (TELE-INFO 'xx2014), 15 - 17 December 2014, pp.12-22
- XXXVIII. **Zaman Modülasyonlu Dizilerde Yanbant Bastırım Eniyilemesi Üzerine İstatistiksel Regresyon Analizine Dayalı Bir Değerlendirme**  
AKSOY E., ÖRKÜ H. H., DOĞAN M. İ.  
URSI-TÜRKİYE'2014 VII. Bilimsel Kongresi (URSI'xx2014), Turkey, 28 - 30 August 2014
- XXXIX. **Investigation of the Effect of Maximum Sideband Level Inequality to the Solution Time in Time Modulated Small Sized Linear Arrays**  
AKSOY E.  
2nd International Symposium On Innovative Technologies In Engineering And Science (ISITES'xx2014), 18 - 20 July 2014
- XL. **A Comparative Study on Time Modulated Uniform Circular Arrays in Terms of Total Sideband Power Loss**  
AKSOY E.  
2nd International Symposium On Innovative Technologies In Engineering And Science (ISITES'xx2014), 18 - 20 July 2014, pp.1249-1257
- XLI. **Harmonic Beam Steering in 4D Linear Arrays through Pulse Difference**  
AKSOY E.  
22nd Telecommunications Forum Telfor (TELFOR), Belgrade, Serbia, 25 - 27 November 2014, pp.792-794
- XLII. **Harmonic Beam Steering in Time-Modulated Arrays with Simultaneous Sidelobe Control**  
AKSOY E.  
2014 International Symposium on Fundamentals of Electrical Engineering (ISFEE), Bucharest, Romania, 28 - 29 November 2014
- XLIII. **TOTAL SIDEBAND POWER CALCULATION FOR TIME-MODULATED CONFORMAL ARRAYS**  
Aksoy E.  
10th International Conference on Electronics, Computer and Computation (ICECCO), Ankara, Turkey, 7 - 09 November 2013, pp.339-342
- XLIV. **An Inequality for Calculation of Maximum Sideband Level in Time Modulated Linear Arrays**  
AKSOY E.  
12th Mediterranean Microwave Symposium (MMS'2012), İstanbul, Turkey, 2 - 05 September 2012
- XLV. **Effect of Pulse Position on Total Sideband Radiation in Time Modulated Uniform Antenna Arrays**  
AKSOY E.  
12th Mediterranean Microwave Symposium (MMS'xx2012), İstanbul, Turkey, 2 - 05 September 2012
- XLVI. **Eşdağımlı Kısmi Zaman Modülasyonlu Doğrusal Dizilerde Anahtarlama Süresinin Maksimum Yanbant Düzeyine Etkisi**  
AKSOY E.  
6. URSI-Türkiye Kongresi (URSI'xx2012), İstanbul, Turkey, 2 - 05 September 2012
- XLVII. **Design of Asymmetrically Switched Linear Chebyshev Array with Minimum Harmonic Power Loss**  
AKSOY E.  
9th International Conference on Electronics Computer and Computation (ICECCO 2012), Ankara, Turkey, 1 - 03

November 2012, pp.112-115

- XLVIII. **Accelerating the Determination of Maximum Sideband Level in Time-Modulated Linear Array Design**  
AKSOY E.  
9th International Conference on Electronics Computer and Computation (ICECCO 2012), Ankara, Turkey, 1 - 03  
November 2012, pp.116-119
- XLIX. **Zaman Modülasyonlu Doğrusal Dizilerde Yanbant Düzeyi ve Örüntü Sıfırı Kontrolü**  
AKSOY E., AFACAN E.  
IEEE 19. Sinyal İşleme ve İletişim Uygulamaları Kurultayı (SIU'xx2011), Antalya, Turkey, 20 - 22 April 2011, pp.351-354
- L. **Sideband Level Suppression Improvement via Splitting Pulses in Time Modulated Arrays under Static Fundamental Radiation**  
Aksoy E., AFACAN E.  
Progress In Electromagnetics Research Symposium, Suzhou, China, 12 - 16 September 2011, pp.364-367
- LI. **Generalized Representation of Sideband Radiation Power Calculation in Arbitrarily Distributed Time-modulated Planar and Linear Arrays**  
Aksoy E., AFACAN E.  
Progress In Electromagnetics Research Symposium, Suzhou, China, 12 - 16 September 2011, pp.368-371
- LII. **Anten Uygulamalarına Yönelik Diferansiyel Evrim Algoritması için Performans Artırımı**  
AKSOY E., AFACAN E.  
5. Elektrik-Elektronik-Bilgisayar Mühendisliği Sempozyumu (ELECO'xx2008), Bursa, Turkey, 26 - 30 November 2008, pp.96-99
- LIII. **Pattern Nulling in Linear Arrays with Fewer Elements by Using Differential Evolution Algorithm**  
AKSOY E., AFACAN E.  
5th International Conference on Electrical and Electronics Engineering (ELECO'xx2007), Bursa, Turkey, 5 - 09  
December 2007, pp.260-264
- LIV. **Düzlemsel Anten Dizilerinde Diferansiyel Evrim Algoritması ile Örüntü Sıfırlama**  
AKSOY E., AFACAN E.  
4. Elektrik-Elektronik-Bilgisayar Mühendisliği Sempozyumu (ELECO'xx2006), Bursa, Turkey, 6 - 10 December 2006, pp.77-79

## Metrics

Publication: 80

Citation (WoS): 378

Citation (Scopus): 442

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