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## Advising Theses

DURAL ÜNVER M. G., YILDIRIM N., Design of selective linear phase cross-coupled dielectric resonator filters, Postgraduate, O.OZAN(Student), 2018

GÜNALP N., YILDIRIM N., DESIGN AND IMPLEMENTATION OF REFLECTIONLESS FILTERS, Postgraduate, A.İHSAN(Student), 2016

DEMİR Ş., YILDIRIM N., Design of high power waveguide limiter /, Postgraduate, A.YILMAZ(Student), 2014

YILDIRIM N., A new finite transmission zero generation technique in evanescent mode waveguide combline filters, Postgraduate, E.İNAN(Student), 2014

DEMİR Ş., YILDIRIM N., Design and realization of high power low loss combiners, Postgraduate, G.SUNA(Student), 2013

YILDIRIM N., Linerization of RF-power amplifiers by using memory polynomial digital predistortion technique, Postgraduate, F.Alaca(Student), 2012

YILDIRIM N., A Novel Method For 2-18 GHz Switched Multiplexer Design, Doctorate, B.Alıcıoğlu(Student), 2012

YILDIRIM N., Design and fabrication of a detector logarithmic video amplifier, Postgraduate, M.Barış(Student), 2011

YILDIRIM N., Design and realization of broadband instantaneous frequency discriminator, Postgraduate, G.Pamuk(Student), 2010

YILDIRIM N., Electronically tunable microwave bandstop filter design and implementation, Postgraduate, S.Oruç(Student), 2010

YILDIRIM N., Filter design software by synthesis method, Postgraduate, İ.Yayla(Student), 2009

YILDIRIM N., Design and realization of mixed element broadband bandpass filters, Postgraduate, İ.Okşar(Student), 2003

YILDIRIM N., Realization of a stripline switched multiplexer, Postgraduate, İ.Yıldız(Student), 2001

YILDIRIM N., Polarization based automatic target classification, Postgraduate, Y.Börekçioğlu(Student), 2001

YILDIRIM N., Synthesis of cross-coupled filters using cascaded synthesis approach, Doctorate, Ö.Şen(Student), 2000

YILDIRIM N., Design and simulation of MMIC instantaneous frequency measurement devices, Postgraduate, Y.Aydın(Student), 1999

YILDIRIM N., Microwave switched multiplexer design, Doctorate, M.Mustafa(Student), 1999

YILDIRIM N., Athmospheric channel modelling for unguided optical communication, Postgraduate, S.Seheroğlu(Student), 1998

YILDIRIM N., Novel techniques on the synthesis of miniaturized cross-coupled active and passive microwave filters, Doctorate, Y.Şen(Student), 1997

YILDIRIM N., Network transformations for realization of lumped and distributed filters, Postgraduate, M.Karaaslan(Student), 1994

YILDIRIM N., Novel methods for synthesis of diplexers with adjustable crossover attenuation, Postgraduate, Ö.Apaydın(Student), 1994

YILDIRIM N., Synthesis of lumped and distributed filters and diplexers, Doctorate, H.Ünal(Student), 1994

YILDIRIM N., A computer aid for network transformations im lumped and distributed filters., Postgraduate,

M.Bülent(Student), 1992

YILDIRIM N., Design and realization of microwave bandpass filters in stripline and suspanded substrate stripline structures, Postgraduate, M.Mustafa(Student), 1991

YILDIRIM N., Computer aided microwave filter design, Postgraduate, R.Uzun(Student), 1990

YILDIRIM N., Design and realization of microwave bandstop filters, Postgraduate, A.Tevfik(Student), 1989

YILDIRIM N., Direct design of lumped and distributed filters using transformed variable technique, Postgraduate, Y.Şen(Student), 1989

YILDIRIM N., Design and analysis of baluns and transmission line transformers with coupled lines approach, Postgraduate, H.Ahmet(Student), 1989

YILDIRIM N., Computer aided design of lumped and distributed broadband matching and filtering networks, Postgraduate, A.Köksal(Student), 1987

YILDIRIM N., Analysis of coupled striplines using spectral domain method, Postgraduate, A.Yazıcı(Student), 1987

YILDIRIM N., Generalized chebyshev low pass filter design and construction using suspended substrate stripline structure, Postgraduate, Ü.Kenan(Student), 1987

# Refereed Congress / Symposium Publications in Proceedings

I. **Design of Hybrid AWLR-Based Filters Using Classical Cascade Synthesis Approach**
Karahan Y., Yildirim N.
25th International Microwave and Radar Conference, MIKON 2024, Wroclaw, Poland, 30 June - 04 July 2024, pp.63-67

II. **A Simple Method to Design Ridge Waveguide Filters with Evanescent Mode Couplings**
Ozturk O. O., YILDIRIM N.
24th International Microwave and Radar Conference, MIKON 2022, Gdansk, Poland, 12 - 14 September 2022

III. **Design of Microstrip Quadruplet Filters on Filpro**
Oruc S., YILDIRIM N.
18th Mediterranean Microwave Symposium (MMS), İstanbul, Turkey, 31 October - 02 November 2018, pp.214-217

IV. **Dimensional Design of Dual Mode Waveguide Multiplexers**
Boyacioglu G., Alicioglu B., YILDIRIM N.
18th Mediterranean Microwave Symposium (MMS), İstanbul, Turkey, 31 October - 02 November 2018, pp.225-228

V. **Synthesis Approach for Compact Ku-Band Waveguide Lowpass Filters with Wide Rejection Bandwidth**
Cetin M., Boyacioglu G., Alicioglu B., YILDIRIM N.
18th Mediterranean Microwave Symposium (MMS), İstanbul, Turkey, 31 October - 02 November 2018, pp.221-224

VI. **Design of Selective Linear Phase Cross-Coupled Dielectric Resonator Filters**
Ozturk O. O., Oruc S., Alicioglu B., YILDIRIM N.
18th Mediterranean Microwave Symposium (MMS), İstanbul, Turkey, 31 October - 02 November 2018, pp.218-220

VII. **Recent Advances in Microwave Filter Design on Filpro**
YILDIRIM N.
18th Mediterranean Microwave Symposium (MMS), İstanbul, Turkey, 31 October - 02 November 2018, pp.210-213

VIII. **Comparison of Efficient Power Combining Techniques**
Suna G., Akkul M., DEMİR Ş., YILDIRIM N.
Joint USNC-URSI Radio Science Meeting / AP-S Symposium, Tennessee, United States Of America, 6 - 11 July 2014, pp.216

IX. **A New Method For Efficient Bandwidth Control of Narrowband Planar Filters**
Alicioglu B., Boyacioglu G., Oruc S., Yavuz C., YILDIRIM N.
43rd European Microwave Conference (EuMC), Nuremberg, Germany, 7 - 10 October 2013, pp.171-174

X. **Switched multiplexer design using Parallel Coupled Line three ports**
Alicioglu B., Yildirim N.
2010 10th Mediterranean Microwave Symposium, MMS 2010, Guzelyurt, Cyprus (Gkry), 25 - 27 August 2010,

pp.204-207

XI. **Synthesis techniques for some tunable notch filter topologies**

Oruc S., Alicioglu B., Yildirim N.

2010 10th Mediterranean Microwave Symposium, MMS 2010, Guzelyurt, Cyprus (Gkry), 25 - 27 August 2010, pp.106-109

XII. **On Miniaturization and Performance Improvement of Planar Wideband Bandpass Filters Without Coupled Lines**

Alicioglu B., YILDIRIM N.

37th European Microwave Conference, Rome, Italy, 29 September - 01 October 2009, pp.314-315

XIII. **Synthesis of Bandstop filters with ultra wide upper passbands**

Yildirim N.

IEEE/MTT-S International Microwave Symposium, Hawaii, United States Of America, 3 - 08 June 2007, pp.2100-2103

## Metrics

Publication: 13
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