

Prof. NEVZAT YILDIRIM

Personal Information

Email: nyil@metu.edu.tr

Web: <https://avesis.metu.edu.tr/nyil>

Advising Theses

- YILDIRIM N., DURAL ÜNVER M. G. , Design of selective linear phase cross-coupled dielectric resonator filters, Postgraduate, O.OZAN(Student), 2018
- YILDIRIM N., GÜNALP N., DESIGN AND IMPLEMENTATION OF REFLECTIONLESS FILTERS, Postgraduate, A.İHSAN(Student), 2016
- YILDIRIM N., DEMİR Ş., 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.Bariş(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.Börekçiöğlü(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., Atmospheric 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 suspended 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. **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
- II. **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
- III. **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
- IV. **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
- V. **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
- VI. **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
- VII. **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
- VIII. **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
- IX. **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

Citations

Total Citations (WOS):6

h-index (WOS):1