

## Prof.Dr. CANAN TOKER

### Kişisel Bilgiler

E-posta: ctoker@metu.edu.tr

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

### Yönetilen Tezler

- TOKER C., Milimetrik dalga gunn diyot osilatörler, Yüksek Lisans, Ü.Lüy(Öğrenci), 2007
- TOKER C., Değişik mesfet modellerinin karşılaştırılmaları ve değerlendirilmesi, Yüksek Lisans, M.Altay(Öğrenci), 2005
- TOKER C., Yüksek güçlü mikrodalğa modüllerinin çözümlenmesi ve modellenmesi, Yüksek Lisans, A.Çağrı(Öğrenci), 2004
- TOKER C., Design of a 500-1000 MHz MMIC vector modulator., Yüksek Lisans, H.Aydın(Öğrenci), 2002
- TOKER C., Extraction and scaling of TOM model parameters of GaAs mesfets, Yüksek Lisans, A.Çelebi(Öğrenci), 2000
- TOKER C., Extraction of the circuit parameters of the mesfet small-signal equivalent circuit, Yüksek Lisans, İ.Durmuş(Öğrenci), 1999
- TOKER C., Evaluation of DC parameters of mesfet tom equivalent circuit, Yüksek Lisans, R.Cumhur(Öğrenci), 1999
- TOKER C., Noise analysis and low noise design of feed structures for active and passive antenna arrays, Doktora, Ş.Demir(Öğrenci), 1998
- TOKER C., Monolithic microwave integrated circuit phase shifters, Yüksek Lisans, M.Erim(Öğrenci), 1997
- TOKER C., Receiver system analysis, design and implementation for the dect system, Yüksek Lisans, S.Erciyes(Öğrenci), 1997
- TOKER C., Design of microwave power amplifier using MMIC technology, Yüksek Lisans, H.Akgün(Öğrenci), 1997
- TOKER C., Analysis and modeling of nonlinear microwave circuits, Yüksek Lisans, İ.Atak(Öğrenci), 1997
- TOKER C., Soluton of electromagnetic problems by using transmission line matrix method, Yüksek Lisans, M.Koray(Öğrenci), 1996
- TOKER C., Design of microwave mixers using MMIC technology, Yüksek Lisans, Ş.Başkan(Öğrenci), 1994
- TOKER C., Wideband mmic amplifier design, Yüksek Lisans, Ş.Demir(Öğrenci), 1993
- TOKER C., TANIK Y., Path loss measurements at 1.2 GHz in indoor environments, Yüksek Lisans, A.Murat(Öğrenci), 1993
- TOKER C., The design and realization of a low noise 3 to 6 ghz microwave amplifier by use of a cad program, Yüksek Lisans, M.Doğan(Öğrenci), 1992
- TOKER C., Computer aided analysis and design of distributed amplifiers at micrawave frequencies, Yüksek Lisans, C.Özzaim(Öğrenci), 1991
- TOKER C., Evaluation of circuit performance of arbitrary connected multiterminal microwave networks, Yüksek Lisans, B.Gülsün(Öğrenci), 1991
- TOKER C., Analysis of comblne directional couplers, Yüksek Lisans, M.Altay(Öğrenci), 1991
- TOKER C., Recept on of standard time-signal for the synchronization of TRT timing, Yüksek Lisans, T.Erülker(Öğrenci), 1991
- TOKER C., Microwave GaAs fet low noise amplifier design, Yüksek Lisans, N.Yaraş(Öğrenci), 1989
- TOKER C., On the theory and implementation of FM simultaneous transmission, Yüksek Lisans, M.Ergün(Öğrenci), 1989
- TOKER C., Fin line, its characteristics and analysis methods, Yüksek Lisans, K.Karatepe(Öğrenci), 1987
- TOKER C., The definitions and measurements of the VCO parameters, Yüksek Lisans, H.Erdeğirmenci(Öğrenci), 1987
- TOKER C., Varactor resistance at UHF and its effect on the parametric amplifier noise temperature., Doktora, K.İnal(Öğrenci), 1976
- TOKER C., A new model and some novel circuit configurations for the step-recovery diode., Doktora, M.Karadeniz(Öğrenci), 1976
- TOKER C., Unified analysis of multiwire nonuniform transmission lines., Doktora, N.Yıldırım(Öğrenci), 1974

## SCI, SSCI ve AHCI İndekslerine Giren Dergilerde Yayınlanan Makaleler

- I. **A Lumped-Element Wideband 3-dB Quadrature Hybrid**  
Kazan O., Memioglu O., Kocer F., Gundel A., TOKER C.  
IEEE MICROWAVE AND WIRELESS COMPONENTS LETTERS, cilt.29, sa.6, ss.385-387, 2019 (SCI İndekslerine Giren Dergi)
- II. **Authors' Reply to "Comments on 'Branch-Line Couplers Using Unequal Line Lengths'"**  
TOKER C., Saglam M., Ozme M., GÜNALP N.  
IEEE TRANSACTIONS ON MICROWAVE THEORY AND TECHNIQUES, cilt.66, sa.9, ss.4089, 2018 (SCI İndekslerine Giren Dergi)
- III. **High-power 20-100-MHz linear and efficient power-amplifier design**  
Sahan N., Inal M. E. , Dernir S., TOKER C.  
IEEE TRANSACTIONS ON MICROWAVE THEORY AND TECHNIQUES, cilt.56, sa.9, ss.2032-2039, 2008 (SCI İndekslerine Giren Dergi)
- IV. **Joint spatial and temporal channel-shortening techniques for frequency selective fading MIMO channels**  
Toker C., Lambbotharan S., Chambers J., Baykal B.  
IEE PROCEEDINGS-COMMUNICATIONS, cilt.152, sa.1, ss.89-94, 2005 (SCI İndekslerine Giren Dergi)
- V. **Comments on "branch-Line couplers using unequal line lengths" Author's reply**  
Toker C., Saglam M., Ozme M., Gunalp N.  
IEEE TRANSACTIONS ON MICROWAVE THEORY AND TECHNIQUES, cilt.49, sa.10, ss.1824, 2001 (SCI İndekslerine Giren Dergi)
- VI. **Branch-line couplers using unequal line lengths**  
Toker C., Saglam M., Ozme M., Gunalp N.  
IEEE TRANSACTIONS ON MICROWAVE THEORY AND TECHNIQUES, cilt.49, sa.4, ss.718-721, 2001 (SCI İndekslerine Giren Dergi)
- VII. **Optimum design of feed structures for high G/T passive and active antenna arrays**  
Demir S., Toker C.  
IEEE TRANSACTIONS ON ANTENNAS AND PROPAGATION, cilt.47, sa.3, ss.443-452, 1999 (SCI İndekslerine Giren Dergi)

## Hakemli Kongre / Sempozyum Bildiri Kitaplarında Yer Alan Yayınlar

- I. **A novel low noise active circuit replacement criteria for parallel fed large scale active antenna arrays**  
Demir S., Toker C., Bizal A.  
27th European Microwave Conference and Exhibition- Bridging the Gap Between Industry and Academia (EuMC 97), JERUSALEM, İsrail, 8 - 12 Eylül 1997, ss.56-61
- II. **Design of an active microstrip array using a microwave circuit simulator**  
Demir S., Toker C., Hizal A.  
2nd MTT-S International Topical Symposium on Technologies for Wireless Applications, Vancouver, Kanada, 23 - 26 Şubat 1997, ss.103-106

## Atıflar

Toplam Atıf Sayısı (WOS):57

h-indeksi (WOS):4