

CURRICULUM VITAE

A. GENERAL

Name : Izzet Cem GÖKNAR
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Position : Professor, Istanbul Technical University
Place of birth : Istanbul, Turkey.
Marital Status : Married.
Name of Spouse : Aytaç GÖKNAR
Children : Elif GÖKNAR 32 years old.
Physical Handicap : None.
Foreign Languages : English and French (Excellent), German (Fair).
Country of Citizenship : Turkey.

B. STUDIES AND EDUCATION

1966-1969 : Ph.D., Department of Electrical Engineering, Michigan State University,
E. Lansing, Michigan, U.S.A.
Thesis : "State Space Axioms and State Descriptions in Canonical Form".
1958-1963 : Equivalent of M. Sc. Degree in Electrical Engineering Istanbul Technical
University, Istanbul, Turkey.
Thesis : "Distribution Theory and its Application to Electrical Circuits".

- Aug. 1963 : Student delegate of Istanbul Technical University at the Conference "La Formation de L'Ingenieur et L'Intergation Europeene" held at Grenoble, France.
- Summer 1962 : Practical Training, Philips Factories, Eindhoven, Holland.
- Summer 1961 : Practical Training, Siemens Factories, Wien, Austria.
- 1952-1958 : College-Saint-Joseph, Istanbul, Turkey (education in French).

C. PROFESSIONAL EXPERIENCE

- 2000- : Full Professor, Department of Computer Engineering, Dogus University.
- 1999- : IEEE EMBS-2001 Exhibits Chair, Istanbul, Turkey
- 1999- 2000 : Full Professor, Faculty of Electrical-Electronics Engineering, Chairman of Circuits and Systems Group, Istanbul Technical University.
- 1995-1997 : European Circuit Society Council Member
- 1995-1998 : Visiting Professor, Department of Electrical and Computer Engineering, University of Illinois at Urbana-Champaign, Illinois, U.S.A.
- 1996- 2000 : IEEE ICASSP-2000 Registration Chair (1600 participants), Istanbul, Turkey.
- 1995 : Conference Chairman, European Conference on Circuit Theory and Design (ECCTD'95), Istanbul, Turkey (more than 400 international participants.)
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- 1979-1995 : Full Professor, Faculty of Electrical and Electronics Engineering, Chair of Circuits and Systems, İstanbul Technical University. Full Professor, Department of Electrical Engineering, Boğaziçi University, Istanbul, Turkey (education in English).
- Member of the Executive Committee of the Faculty of Electrical Engineering, İstanbul Technical University.

- 1987-1994 : Head of Electronics and Communications Department, İstanbul Technical University.
- 1982-1987 : Member of the Executive Committee of the Institute of Science, İstanbul Technical University.
- 1980-1982 : Vice-Dean, Faculty of Electrical Engineering, İstanbul Technical University
- June-Sept 1980 : Visiting Professor, Technical University of Denmark, Lyngby, Denmark.
- 1974-1979 : Associate Professor, Faculty of Electrical Engineering, Chair of Circuits and Systems, İstanbul Technical University. Associate Professor, Department of Mathematics, Boğaziçi University, İstanbul, Turkey (education in English).
- Sept-Sept 1977-1978 : Visiting Professor, Department of Electrical Engineering, University of Waterloo, Waterloo, Ontario, Canada.
- Mar-Sept 1977-1977 : Visiting Professor, Department of Electrical Engineering and Computer Science, University of California, Berkeley, California, U.S.A.
- 1972-1974 : Assistant Professor, Faculty of Electrical Engineering, Chair of Circuits and Systems, İstanbul Technical University.
- 1973-1974 : Assistant Professor, Department of Mathematics, Bogaziçi University,
- 1972-1973 : Assistant Professor, Faculty of Electrical Engineering, Karadeniz Technical University, Trabzon, Turkey.

- 1971-1972 : Hansen, Reserve Officer, Electronics Lecturer, Turkish Navy. Lecturer,
Faculty of Electrical Engineering, İstanbul Technical University.
- 1969-1971 : Assistant Professor, Faculty of Electrical Engineering, Chair of Circuits and
Systems, İstanbul Technical University.
- 1966-1969 : Teaching Assistant, Department of Electrical Engineering and Systems
Science, Michigan State University, E.Lansing, Michigan, U.S.A.
- 1969 : Electronics Engineer, Department of Traffic Survey and Analysis, Michigan
Department of State Highways, Lansing, Michigan, U.S.A.
- 1963-1966 : Assistant, Faculty of Electrical Engineering, Chair of Circuits and Systems,
İstanbul Technical University.

D. AFFILIATIONS.

Member of Scientific Committee of European Conference on Circuit Theory and Design,
Senior Member of the "Institute of Electrical and Electronics Engineers" (IEEE).
Member of European Circuit Society (ECS).
Reviewer for "Mathematical Reviews" American Mathematical Society.
Member of Turkish Electrical Engineers Chamber.

E. FIELDS OF INTEREST

Mainly interested in Circuits, Systems and Signal Processing (Linear as well as non-linear)
Lectures given on:

- Electronic Circuits,
- Analysis of Linear Circuits,

- Network Synthesis,
- Signal Processing,
- Neural Networks (Undergraduate and Graduate Level),
- Theory of Linear Systems (Graduate level),
- Theory of Discrete-Time Systems (Graduate Level),
- Nonlinear Circuit Analysis (Graduate Level),
- Mathematics for Engineers (Undergraduate and Graduate Level).
- Computer Aided Analysis in Electrical Engineering.

These courses have been offered on a regular basis at the İstanbul Technical University, on and off at other Universities in Turkey and at Michigan State University, University of California, University of Waterloo and University of Illinois as a visiting professor.

Also interested in : Logic Circuits and Automata Theory, with emphasis on Fault Diagnosis, Fault Tolerant and Self-Checking Machines. Lectures given on:

- Digital Systems and Filters,
- Logic Circuits,
- Automata Theory (Graduate Level).

F. HOBBIES

Tennis, Squash, Aerobics and Bridge. Received medals and cups in bridge at national level and in Tennis at club tournaments.