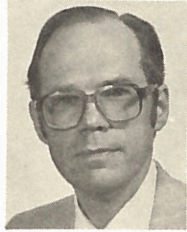


ELECTRICAL ENGINEERING



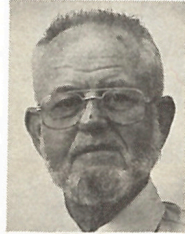
Blake E. Cherrington (79)
PhD, 1965, University of Illinois
Chairman and Professor
Gaseous electronics, lasers, plasma chemistry.



James T. Fitzgerald (70)
BSBA, 1970, University of Florida
Assistant Chairman
Planning and budgeting, fiscal management, administration.



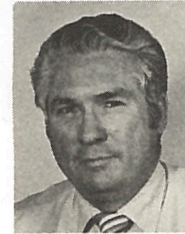
Edwin J. Allen, P.E. (77)
MS, 1929, Massachusetts Institute of Technology
Visiting Associate Professor
Electric energy systems, especially in the power transmission and distribution field.



William Y. Axson (70)
BA, 1949, Mercer University
Instructor
Microelectronics laboratory, solid state device fabrication and measurement.



Robert L. Bailey (60)
MSE, 1962, University of Florida
Associate Professor Emeritus
Power engineering, solar-electrics, alternate energy systems, creative problem solving.



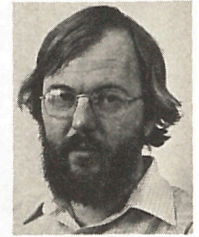
Marion C. Bartlett (70)
MEE, 1964, University of Florida
Engineer
Hybrid signal processing techniques for communication systems.



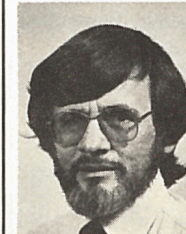
Giuseppe Basile (79)
State Dr. Degree, 1964, University of Genoa, Italy
Professor
Mathematical systems theory, intelligent machines and robotics, avionics.



William H. Beasley (75)
PhD, 1974, University of Texas-Dallas
Visiting Assistant Professor
Lightning.



Gijs Bosman (81)
PhD, 1976, State University of Utrecht, The Netherlands
Visiting Assistant Professor
Noise research, noise phenomena



Thomas E. Bullock (66)
PhD, 1966, Stanford University
Professor
Mathematical systems theory, filtering, and digital control with microprocessors.



Dorothea E. Burk (80)
PhD, 1980, Brown University
Assistant Professor
Semiconductor devices.

Eugene R. Chenette, P.E. (66)
(see page 6)



Donald G. Childers, P.E. (65)
PhD, 1964, University of Southern California

Professor

Digital signal processing, biomedical engineering, speech analysis and synthesis, image processing.



Leon W. Couch (67)
PhD, 1968, University of Florida

Associate Professor

Communication theory and applications.



Keith L. Doty (68)
PhD, 1967, University of California-Berkeley

Professor

Microcomputers, robotics, concurrent processing.



Olle I. Elgerd (56)
DSc, 1956, Washington University

Professor

Electric power systems operation and control.



Jerry G. Fossum (78)
PhD, 1971, University of Arizona

Professor

Semiconductor device theory and technology.



Raymond C. Johnson (46)
MSE, 1949, University of Florida

Professor

Electronic communications systems and systems analysis.



Rudolf E. Kalman (71)
DSc 1957, Columbia University

Graduate Research Professor of Electrical, Industrial & Systems Engineering and Mathematics, Director, Center for Mathematical Systems Theory

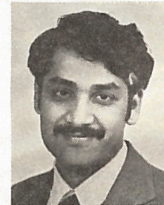
Mathematical system theory.



Edward W. Kamen (81)
PhD, 1971, Stanford University

Professor

Mathematical system theory, control theory, two-dimensional digital filters.



Pramod P. Khargonekar (81)
PhD, 1981, University of Florida

Visiting Assistant Professor

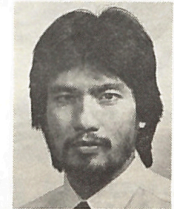
Mathematical system theory.



James L. Kurtz (79)
MS, 1971, University of California-Los Angeles

Associate Engineer

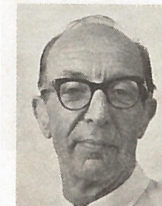
Signal processing, microwave circuits, surface acoustic wave devices and communication systems.



Herman Lam (80)
PhD, 1979, University of Florida

Assistant Professor

Computer engineering, database management.



Peter T. Landsberg (82)
D.Sc., 1966, University College, Cardiff, Wales

Visiting Professor

Solid state theory, thermodynamics, relativity and statistical mechanics.



Marinus H. Latour, P.E. (46)
MSEE, 1949, University of Florida

Associate Professor

Microwave propagation, antenna systems and atmospheric studies.



Sheng S. Li (67)
PhD, 1968, Rice University

Professor

Microelectronics, solar cells, defects and transport.



Fredrik A. Lindholm (66)
PhD, 1963, University of Arizona

Professor

Semiconductor device physics.



David R. MacQuigg (78)
PhD, 1975, California Institute of Technology

Assistant Professor

Solid state circuits.



Alexander M. Meystel (80)
PhD(EE), 1965, ENIMS
(Moscow, USSR)

Associate Professor

Control systems for electrical energy conversion, computer aided decision making, industrial robots and artificial intelligence.



Arnost Neugroschel (75)
PhD, 1973, Technion, Israel

Associate Professor

Semiconductors and electronic devices.



Arnold H. Nevis (71)
PhD, 1956, Massachusetts Institute of Technology

Professor

Biophysics of nerve cell membranes, electroencephalography, muscle and brain impedance.



John R. O'Malley (59)
PhD, 1964, University of Florida

Professor

Electric circuits and digital computers.



Peyton Z. Peebles, Jr. (81)
PhD, 1967, University of Pennsylvania

Professor

Communication systems, radar system theory, random processes and detection theory, effective teaching.



Ervin S. Priem (52)
BSEE, 1932, Milwaukee School of Engineering

Associate Professor Emeritus

Electrical energy systems, creative problem solving and instrumentation.



Ramu V. Ramaswamy (81)
PhD, 1969, Northwestern University

Professor

Passive and active devices for optical communication systems, systems and properties of electro-optic materials useful in integrated optics.



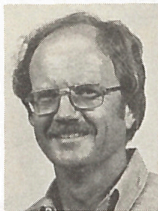
Dean W. Schoenfeld (80)
PhD, 1979, University of Florida

Visiting Assistant Professor

Optical, electronic, transport and defect properties of semiconductor materials, device physics and lasers.



Charles V. Shaffer, P.E. (46)
PhD, 1965, Stanford University
Professor
System theory, microprocessor applications.

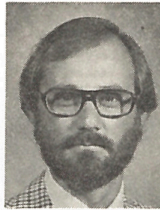


Jack R. Smith, P.E. (64)
PhD, 1964, University of Southern California
Professor
Bioengineering, electronics, computers and signal detection.



John Staudhammer (80)
PhD, 1963, University of California-Los Angeles
Professor
Computer graphics.

Stanley Y. W. Su (70)
(see page 23)



Robert L. Sullivan (70)
PhD, 1969, University of Florida
Professor
Power system planning and operations.



Alan D. Sutherland (65)
PhD, 1954, University of Illinois
Professor
Electron devices, microwaves.



Ewen M. Thomson (82)
MS, 1973, University of Auckland, New Zealand
Visiting Assistant Professor
Lightning

Julius T. Tou (67)
(see page 23)



Martin A. Uman (71)
PhD, 1961, Princeton University
Professor
Lightning, atmospheric electricity, electromagnetics.



J. Kenneth Watson (66)
PhD, 1966, Rice University
Professor
Applications of magnetism, digital systems engineering.

Aldert van der Ziel (68)
PhD, 1934, University of Groningen, The Netherlands
Graduate Research Professor
Fluctuation phenomena



Roland Yii (68)
PhD, 1965, University of Pennsylvania
Research Scientist (Eglin AFB)
Solid-state physics, circuits and systems, digital computer hardware and military applications.



Carolyn M. van Vliet (78)
PhD, 1956, Free University of Amsterdam
Visiting Professor
Non-equilibrium statistical research, transport theory in solids, noise and fluctuation processes, theory of solid state devices.