

## Proceedings of the national electronics conference, volume X

Deskripsi Lengkap: <https://lib.ui.ac.id/detail?id=20448425&lokasi=lokal>

---

### Abstrak

#### CONTENTS :

- OFFICIALS AND COMMITTEE PERSONNEL
- FOREWORD
- Program, Tenth National Electronics Conference
- GENERAL PAPERS
- OFFICIAL HISTORY OF THE NATIONAL ELECTRONICS CONFERENCE 1944-1954
- THE DAY AND THE MEN OF CREATION
- BLASTING AWAY SCIENTIFIC ROADBLOCKS
- ENGINEERS IN SOCIETY
- TECHNICAL PAPERS
- APPLICATION OF MAGNETIC DEMODULATOR TO MAGNETIC AMPLIFIER CIRCUITS
- A 400 CPS MAGNETIC AMPLIFIER FOR A-C SERVOMECHANISM APPLICATION
- A MINIATURE AMPLISTAT FOR AIRCRAFT APPLICATIONS AT 400 F AMBIENT TEMPERATURE
- MAGNETIC AMPLIFIER PROVIDES AUTOMATIC GAUGE CONTROL ON SENDZIMIR COLD ROLLING MILL
- CHARACTERISTICS AND SOME APPLICATIONS OF STRIPLINE COMPONENTS
- STRIPLINE EXCITATION METHODS
- MICROWAVE COMPONENTS FOR DOUBLE-RIDGE WAVEGUIDES
- DETERMINATION OF THE OPERATING PERFORMANCE OF WAVEGUIDES AND UHF TRANSMISSION LINES OF ARBITRARY CROSS SECTION BY HYPERCIRCLE ANALYSIS
- DETERMINATION OF THE CHARACTERISTIC IMPEDANCE OF UHF COAXIAL RECTANGULAR TRANSMISSION LINES
- EFFECTIVENESS OF CROSSCORRELATION DETECTORS
- OPTIMUM LINEAR FILTERING OF NONSTATIONARY TIME SERIES
- ON THE RELIABILITY OF NETWORKS
- DESIGNING RELIABILITY INTO ELECTRONIC CIRCUITS
- A TWO-STAGE LOW-LEVEL MAGNETIC AMPLIFIER WITH NEGATIVE VOLTAGE FEEDBACK
- MAGNETIC SWITCHING NETWORK FOR DATA HANDLING SYSTEMS

- SINGLE PHASE MAGNETIC AMPLIFIER SYSTEMS WITH DECICYCLE RESPONSE
- RECTIFIERS IN MAGNETIC AMPLIFIER CIRCUITS
- A NEW APPROACH TO THE POTENTIAL ANALOGUE METHOD OF NETWORK SYNTHESIS
- AN INTRODUCTION TO A QUALITATIVE SYNTHESIS OF LINEAR PASSIVE NETWORKS IN THE TIME DOMAIN
- PARALLEL LADDER REALIZATION OF TRANSFER ADMITTANCE FUNCTIONS
- TRAPS FOR REMOVING TRANSIENT OVERSHOOT FROM FILTERS
- MEASUREMENT OF THE COMPLEX DIELECTRIC CONSTANT OF VERY HIGH DIELECTRIC CONSTANT MATERIALS AT MICROWAVE FREQUENCIES
- A CAVITY PERTURBATION TECHNIQUE FOR STUDYING THE PERMEABILITY COMPONENTS OF THE FERRITES
- A METHOD FOR MEASURING THE LOSS OF WAVEGUIDE COMPONENTS HAVING SMALL LOSSES
- WIDE-RANGE SWR INDICATOR
- AN X BAND PHASE PLOTTER
- MODULATION SIDEBAND SPLATTER OF VHF AND UHF TRANSMITTERS
- WILLIAM FIRESTONE, ANGUS MacDONALD and HENRY MAGNUSKI
- TRANSMISSION OF QUATERNARY PULSES OVER BAND LIMITED WIRE LINE FACILITIES
- DETECTION OF PULSE CODE MODULATION SIGNALS BY THE INTEGRATION METHOD
- THE APPLICATION OF A POSITIVE GRID BIAS MULTIVIBRATOR TO FREQUENCY MODULATION BROADCASTING
- APPLICATION OF THE OHIO STATE UNIVERSITY FILTER ANALYSIS CHART
- THE IMPULSE FUNCTION IN ELECTRICAL NETWORK THEORY
- PULSE RESPONSE OF NONLINEAR CIRCUITS
- ALL-PASS AMPLIFIER
- A TECHNIQUE FOR SOLVING CERTAIN NETWORKS CONTAINING A NONLINEAR ELEMENT
- AN OCEAN WAVE POWER SPECTRUM ANALYZER
- DIRECT READING PROBABILITY DISTRIBUTION METER
- AN INSTRUMENT FOR THE PRECISE COMPARISON OF IMPEDANCE AND DISSIPATION FACTOR
- A NEW SWEEP FOR DISPLAYING THE TRUE PARAMETERS OF A NETWORK
- THE KEY MAN OF TODAY'S RESEARCH AND DEVELOPMENT
- ENGINEERING MANAGEMENT IN A GROWING LABORATORY
- MANAGEMENT OF A SMALL RESEARCH AND DEVELOPMENT ORGANIZATION
- OPPORTUNITIES PRESENTED TO AN ENGINEER BY A SMALL RESEARCH

AND DEVELOPMENT ORGANIZATION WITH GOOD MANAGEMENT

- OCEANOGRAPHY AND ELECTRONICS MEET AT THE SURFACE OF THE SEA
- RADAR INTERFERENCE CAUSED BY ATMOSPHERIC REFLECTIONS
- AN MTI EVALUATOR
- SUBMINIATURE AIRBORNE COMMUNICATIONS AND NAVIGATION EQUIPMENT
- SOME DESIGN CONSIDERATIONS FOR TRIODE SYSTEMS OF TV PICTURE TUBE GUNS
- A LINEAR COLOR TELEVISION RECEIVER
- CATHODE RAY TUBE DEFLECTION SYSTEM USING TRANSISTORS
- CHARACTERISTICS AND STRUCTURAL FEATURES OF DEVELOPMENTAL LOW-NOISE TRAVELING-WAVE TUBES FOR S- AND C-BAND OPERATION
- A CLOSED FORM FOR THE TRANSIT TIME OF ELECTRONS WITH INITIAL VELOCITIES TRAVELING BETWEEN TWO PARALLEL PLANE ELECTRODES
- THE TRANSIENT CONDUCTION OF CURRENT IN VERY LOW PRESSURE XENON-FILLED HOT-CATHODE DIODES
- MEASUREMENT OF DIELECTRIC ABSORPTION IN QUALITY CONDENSERS REQUIRED FOR HIGH ACCURACY RC-TIMING CIRCUITS
- COATING THICKNESS MEASUREMENTS USING PULSED EDDY CURRENTS
- IMPROVED ELECTRONIC APPARATUS FOR MEASURING DECEPTION INDUCED PHYSIOLOGICAL CHANGES
- BROADBAND AUTOMATIC ATTENUATION RECORDERS FOR MICROWAVE FREQUENCIES
- A FORMAL PROCEDURE FOR THE LOGICAL DESIGN OF AN OPTIMUM BINARY COUNTER
- ELECTROMECHANICAL ANALOGUE SIMULATES TRANSIENT PHENOMENA AND GOVERNOR ACTION IN 10-KC NETWORK ANALYZER GENERATORS
- THE ELECTRONIC ASPECTS OF THE CANADIAN SORTING OF MAIL SYSTEM
- Computers PARTICULAR ASPECTS
- ELECTRONIC FILTER FOR VERY HIGH VOLTAGE D-C POWER SUPPLIES
- LONG TIME ANALOG MEMORY
- A NEW HIGH QUALITY AUDIO AMPLIFIER
- UNIVERSAL POWER SUPPLIES FOR VEHICULAR RADIO
- POWER GAIN OF A DIELECTRIC AMPLIFIER, etc.