

# INDEX

## Wireless Engineer

Vol. 32

1955

MONTH	PAGE	BOOKS—continued	MONTH	PAGE
A.M.-F.M. Demodulator ( <i>Correspondence</i> ) ..	Dec. 337	Electrical Measurements and Measuring Instruments (4th Edition), E. W. Golding ( <i>Review</i> ) ..	Nov. 311	
Absorption Measuring Equipment, D.S.I.R.	June 164	Electronics, Thomas Benjamin Brown ( <i>Review</i> ) ..	Jan. 31	
Ionospheric, W. R. Piggott ..		English-German Technical and Engineering Dictionary, Dr. Louis de Fries ( <i>Review</i> ) ..	Mar. 90	
Active Ladder Network Analysis, Haim D. Polishuk ..	Aug. 215	Fundamentals of Transistors, Leonard M. Krugman ( <i>Review</i> ) ..	May 144	
Aerials, Ferromagnetic Loop, J. S. Belrose ..	Feb. 41	Handbook of Microwave Measurements, Edited by M. Wind and H. Rapaport ( <i>Review</i> ) ..	Apr. 116	
—, Input Resistance of L. F. Unipole, J. R. Wait and W. A. Pope ..	May 131	Introductory Circuit Theory, Ernest A. Guillemin ( <i>Review</i> ) ..	Apr. 116	
—, Optimum Element Spacing of Uniform Broadside Arrays ( <i>Correspondence</i> ) ..	Apr. 115	Linear Feedback Analysis, J. G. Thomason ( <i>Review</i> ) ..	Oct. 285	
—, Radiation Characteristics of Axial Slots on a Conducting Cylinder, J. R. Wait ..	Dec. 316	Millimicrosecond Pulse Techniques, I. A. D. Lewis and F. H. Wells ( <i>Review</i> ) ..	Jan. 31	
—, Radiation from, Giorgio Barzilai, Aug. 223; ( <i>Correction</i> ) ..	Sept. 258	NATIONAL BUREAU OF STANDARDS: Biennial Report 1953 and 1954 ..	July 197	
Algebra, Matrix, John J. Karakash ..	July 190	Cheyenne Mountain Tropospheric Propagation Experiments, A. P. Bartsis, J. W. Herbstreit and K. O. Hornberg ..	Apr. 118	
Amplifier Design, Differential-, A. M. Andrew, Mar. 73; ( <i>Correspondence</i> ) ..	Sept. 257	Computer Development (SEAC and DYSEAC) at N.B.S. ..	Sept. 258	
Amplifiers, Multiloop Feedback ( <i>Correspondence</i> ) Feb. 61, Apr. 114, May 141, July 195 ..	Sept. 253	Contributions to the Solution of Systems of Linear Equations and the Determination of Eigenvalues, Edited by Olga Taussky ..	Apr. 118	
—, Ultra-Linear, ( <i>Editorial</i> ) ..	Aug. 199	Experiments in the Computation of Conformal Maps ..	Sept. 258	
Analogue Computers, Coefficient Errors in, ( <i>Correspondence</i> ) ..	May 142	Formulas for Computing Capacitance and Inductance, Chester Snow ..	Jan. 32	
Analogy of Ferrite in Waveguide ( <i>Corres.</i> ) ..	Mar. 89	Miniature Intermediate-Frequency Amplifiers, Robert K-F. Scal ..	Jan. 32	
Astronomy, Radio-, ( <i>Editorial</i> ) ..	Sept. 227	Protection against Betatron-Synchrotron Radiation up to 100 Million Electron Volts ..	Jan. 32	
Automatic Slide-Back Voltmeter, Herbert J. Fraser ..	July 187	Specification for Dry Cells and Batteries ..	Sept. 258	
BEVAN, P.A.T., appointed to I.T.A. ..	Jan. 18	Statistical Theory of Extreme Values and Some Practical Applications, Emil J. Gumbel ..	Jan. 32	
Birthday Honours ..	July 198	Tables of Sine and Cosine Integrals for Arguments from 10 to 100 ..	Apr. 118	
BOOKS AND TECHNICAL PUBLICATIONS:	Jan. 31	Tables of the Gamma Function for Complex Arguments ..	Apr. 118	
Acoustics, Leo L. Beranek ( <i>Review</i> ) ..	Jan. 31	Schaltungstheorie und Messtechnik des Dezimeter-und Zentimeterwellengebietes, Dr. Albert Weissflock ( <i>Review</i> ) ..	July 197	
Automatic Voltage Regulators and Stabilizers, G. N. Patchett ( <i>Review</i> ) ..	Dec. 338	Servomechanism Practice, William R. Ahrendt ( <i>Review</i> ) ..	Aug. 226	
BRITISH STANDARDS:	Apr. 118	Television (2nd Edition), V. K. Zworykin and G. A. Morton ( <i>Review</i> ) ..	May 143	
Annual Report 1954-55 ..	Nov. 311	Transistor Audio Amplifiers, Richard F. Shea ( <i>Review</i> ) ..	Aug. 226	
Basic Climatic and Durability Tests for Components for Radio and Allied Electronic Equipment ..	July 198	Transistors, Abraham Coblenz and Harry L. Owens ( <i>Review</i> ) ..	June 172	
Components and Filter Units for Radio Interference Suppression ..	July 198	Transistors and Other Crystal Valves, T. R. Scott ( <i>Review</i> ) ..	Dec. 338	
Electric Signs and High-Voltage Luminous Discharge-Tube Installations ..	July 198	British Instrument Industries' Exhibition ..	Feb. 52	
Electronic Valve Bases, Caps and Holders, Sections B3G and 4 ..	July 198	Plastics Exhibition ..	Feb. 52	
Fine Resistance Wire for Telecommunication and Similar Purposes ..	Apr. 118	Standards Institution, New Birmingham address ..	Dec. 337	
General Aspects of Radio Interference Suppression ..	Nov. 311	Broadcasting, F.M., ( <i>Editorial</i> ) June 1945; ( <i>Correction</i> ) Aug. 225; ( <i>Correspondence</i> ) ..	Sept. 255	
Glossary of Acoustical Terms ..	July 198			
Gramophone Records Transcription Disk Recordings and Disk Reproducing Equipment ..	Sept. 258			
International Electrotechnical Vocabulary ..	July 198			
Resin-Cored Solder Wire 'Activated' and 'Non-Activated' (non-corrosive)	Apr. 118			
Sizes of Manufacturers' Trade and Technical Literature ..	Apr. 118			
Unified Thread Taps ..	Apr. 118			
Die physikalischen Grundlagen der Hochfrequenztechnik, H. G. Möller ( <i>Review</i> ) ..	Nov. 311			
Dielectrics and Waves, Arthur R. von Hippel ( <i>Review</i> ) ..	May 143			

	MONTH PAGE		MONTH PAGE
CALCULATION, Transient Response, D. G. Sarma .. . . .	July 179	Differential-Amplifier Design, A. M. Andrew, Mar. 73; ( <i>Correspondence</i> ) .. . .	Sept. 257
Cavity, Nomogram for Q of a, J. D. Harmer .. . . .	Jan. 25	Diode Rectifiers, M. G. Scroggie, Feb. 53; ( <i>Correspondence</i> ) .. . .	Apr. 116
— Tunable Temperature-Compensated Reference, M. S. Wheeler .. . . .	Aug. 201	Direction Finder, Low-Frequency, C. Clarke and V. A. W. Harrison .. . .	Apr. 109
Circuit Theory, Series Resonant, A. J. Lyon .. . . .	Apr. 107	— Finding, H. F., C. G. McCue .. . .	Mar. 79
Cockcroft, Sir John .. . . .	Feb. 52	Discriminator Circuit Analysis, F. L. Morris, Apr. 93; ( <i>Correction</i> ) .. . .	May 142
Coils, Optimum Shape, L. Lewin .. . . .	July 198	Divider, Saturable-Reactor Frequency, G. W. G. Court and C. I. C. Scollay ..	Dec. 328
Communication by Scatter Techniques, Symposium .. . . .	July 177		
— by Wave Scattering, Radio, ( <i>Editorial</i> ) .. . . .	Oct. 279		
Compression and Expansion of Programme Time ( <i>Editorial</i> ) July 175; ( <i>Correspondence</i> ) .. . . .	Nov. 287		
Computors, Coefficient Errors in Analogue, ( <i>Correspondence</i> ) .. . . .	Sept. 255	EDINBURGH, H.R.H. the Duke of, elected to Hon. Membership I.E.E. ..	Mar. 81
Constant-Impedance Networks, Transformation for, H. J. Orchard .. . . .	May 142	EDITORIALS:	
CORRESPONDENCE:			
A.M.-F.M. Demodulator, P. Kundu .. . . .	May 139	Compression and Expansion of Programme Time, July 175; ( <i>Correspondence</i> ) ..	Sept. 255
Analogy of Ferrite in Waveguide, G. F. Nicholson .. . . .	Dec. 337	Decibel and Decilog .. . .	Apr. 91
Coefficient Errors in Analogue Computors, H. Fuchs .. . . .	Mar. 89	Electrostatic Loudspeaker .. . .	May 119
Compression and Expansion of Programme Time, D. A. Bell .. . . .	May 142	Frequency-Modulation Broadcasting, June 145; ( <i>Correction</i> ) Aug. 225; ( <i>Correspondence</i> ) ..	Sept. 255
Differential Amplifier Design, J. Ross Macdonald, July 1955; A. M. Andrew ..	Sept. 255	Magnetic Demodulation .. . .	Mar. 63
Diode Rectifiers, A. S. Gladwin .. . . .	Apr. 116	National Radio Exhibition .. . .	Oct. 259
Field-Strength Calculation, K. L. Rao .. . . .	July 195	Radiation by Television and F.M. Sets ..	Feb. 33
High-Stability Oscillators, W. B. Bernard, May 141; Janusz Groszkowski, Sept. 254; D. G. Reid .. . . .	Sept. 255	Radio-Astronomy .. . .	Sept. 227
Linear Phase Modulator, G. S. Sanyal and B. Chatterjee .. . . .	Sept. 255	Radio Communication by Wave Scattering ..	Nov. 287
Multiloop Feedback Amplifiers, A. J. O. Cruickshank, Feb. 61; L. Tasny-Tschiaissny, Apr. 114; B. D. Rakovich, May 141; A. J. O. Cruickshank, July 195; O. P. D. Cuttridge .. . . .	Sept. 255	Rotating Bar Magnet from Different Points of View, Jan. 1; ( <i>Correspondence</i> ) Jan. 28, Feb. 61, July 196	July 196
Networks Attenuation and Input Impedance, R. Talks .. . . .	Sept. 255	Television Sync-Pulse Spectrum .. . .	Dec. 313
Optimum Element Spacing of Uniform Broadside Arrays, Richard F. H. Yang .. . . .	Sept. 255	Ultra-Linear Amplifiers .. . .	Aug. 199
Pulse Response of Signal Rectifiers, W. B. Lewis .. . . .	Sept. 253	Electromagnetic Waves, Symposium on, ( <i>Editorial</i> ) Jan. 1; ( <i>Correspondence</i> ) Jan. 28, Feb. 61, July 196	Feb. 60
Rectifier-Filter Characteristics, Maurice V. Joyce, Sept. 257; F. G. Heymann .. . . .	Jan. 29	Electrostatic Loudspeaker ( <i>Editorial</i> ) .. . .	May 119
Solution of Cubics and Quartics, G. Millington; A. C. Sim .. . . .	Apr. 115	Equalizers, Loss and Phase of Simple, H. J. Orchard .. . .	Sept. 235
Teaching of Electromagnetism, E. G. Cullwick, Jan. 28; H. B. S. Brabham; G.W.O.H., Feb. 61; H. Pelzer and S. Whitehead .. . . .	Mar. 89	Equivalent Equalizer Networks, R. O. Rowlands .. . .	Dec. 323
Transistor Circuit Analysis, B. Millar .. . . .	Dec. 337	Exhibition: British Instrument Industries .. . .	Feb. 52
Ultra-Low-Frequency Oscillator, M. D. Armitage .. . . .	Jan. 30	—, British Plastics .. . .	Feb. 52
V.H.F.-F.M. Broadcasting, E. L. E. Pawley; W.T.C. .. . . .	July 196	—, Institution of Electronics .. . .	July 198
Crosstalk in Pulse-Phase Modulation, Low-Frequency, J. G. Little .. . . .	June 173	—, National Radio Show, Feb. 52; ( <i>Editorial</i> ) Oct. 259; <i>Review</i> .. . .	Oct. 280
Cubics and Quartics, Solution of, ( <i>Correspondence</i> ) .. . . .	Sept. 255	—, Northern Radio Show .. . .	Feb. 52
Cullen, Dr. A. L. .. . . .	Aug. 220	—, Physical Society's .. . .	June 169
D.S.I.R. Ionospheric Absorption Measuring Equipment, W. R. Piggott .. . . .	Jan. 30	—, R.E.C.M.F. .. . .	Jan. 18
Decibel and Decilog ( <i>Editorial</i> ) .. . . .	July 198	Expansion and Compression of Programme Time ( <i>Editorial</i> ) July 175; ( <i>Correspondence</i> ) .. . .	Sept. 255
Definition of the Unit of Time and Frequency, L. Essen .. . . .	June 164	F.M.-A.M. Demodulator ( <i>Correspondence</i> ) .. . .	Dec. 337
Demodulation, Magnetic, ( <i>Editorial</i> ) .. . . .	Apr. 91	F.M. Broadcasting ( <i>Editorial</i> ) June 145; ( <i>Correction</i> ) Aug. 225; ( <i>Correspondence</i> ) .. . .	Sept. 255
Demodulator, A.M.-F.M., ( <i>Correspondence</i> ) .. . . .	Nov. 312	—, Discriminator Circuit Analysis, F. L. Morris, Apr. 93; ( <i>Correction</i> ) .. . .	May 142
Detection of Pulse Signals in Noise, D. G. Tucker and J. W. R. Griffiths .. . . .	Mar. 63	—, Sets, Radiation by Television and, ( <i>Editorial</i> ) .. . .	Feb. 33
	Dec. 337	Faraday Medal Award, Sir John Cockcroft .. . .	Feb. 52
	Nov. 290	Feedback Amplifiers, Multiloop, ( <i>Correspondence</i> ) Feb. 61, Apr. 114, May 141, July 195 .. . .	Sept. 253
		Ferrite in Waveguide, Analogy of, ( <i>Correspondence</i> ) .. . .	Mar. 89
		Ferromagnetic Loop Aerials, J. S. Belrose .. . .	Feb. 41
		Field-Strength Calculation ( <i>Correspondence</i> ) .. . .	July 195
		Filter Characteristics, Rectifier, F. G. Heymann, June 147; ( <i>Correspondence</i> ) .. . .	Sept. 257, Dec. 337
		— Theory of Periodic Structures, W. K. R. Lippert .. . .	Oct. 260, Nov. 305

MONTH	PAGE	MONTH	PAGE
Four Poles, Matrix Algebra Applications to, J. J. Karakash .....	July 190	Modulation, Low-Frequency Crosstalk in Pulse-Phase, J. G. Little .....	Aug. 220
Frequency Divider, Saturable Reactor, G. W. G. Court and C. I. C. Scollay .....	Dec. 328	Modulator, Linear Phase, ( <i>Correspondence</i> ) ..	Sept. 255
— New Definition of the Unit of Time and, L. Essen .....	Nov. 312	Multiloop Feedback Amplifiers ( <i>Correspondence</i> ) Feb. 61, Apr. 114, May 141, July 195,	Sept. 253
<b>G</b> ERMANY Supplies .....	June 174	<b>N</b> ATIONAL Radio Show, Feb. 52; <i>(Editorial)</i> Oct. 259; <i>Review</i> .....	Oct. 280
Glow-Discharge Stabilizers, F. A. Benson and L. J. Bentel .....	Dec. 330	Network Analysis, Active Ladder, Haim D. Polishuk .....	Aug. 215
Goldup, T.E., I.R.E. Award .....	Jan. 18	Networks Attenuation and Input Impedance ( <i>Correspondence</i> ) .....	Jan. 29
Griffiths, J. W. R., New Appointment .....	Oct. 279	—, Equivalent Equalizer, R. O. Rowlands .....	Dec. 323
<b>H</b> .F. Direction Finding, C. G. McCue .....	Mar. 79	—, Transformation for Constant-Impedance, H. J. Orchard .....	May 139
Harvey, R.J.P. .....	Aug. 225	New Year Honours .....	Feb. 52
High-Frequency Phenomena, William A. Trip .....	Jan. 19	Noise, Detection of Pulse Signals in, D. G. Tucker and J. W. R. Griffiths .....	Nov. 290
High-Stability Oscillators ( <i>Correspondence</i> ) May 141,	Sept. 254	Nomogram for Q of a Cavity, J. D. Harmer .....	Jan. 25
Honours, Birthday .....	July 198	Northern Radio Show .....	Feb. 52
—, New Year .....	Feb. 52	Nyquist's Criterion for Multiple-Loop Feed- back Circuits ( <i>Correspondence</i> ) .....	Apr. 114
Howe, Professor G.W.O., I.R.E. Award .....	Jan. 18		
<b>I</b> .E.E. Faraday Medal Award to Sir John Cockcroft .....	Feb. 52	<b>O</b> BITUARY: H. L. Kirke .....	Oct. 279
—, H.R.H. the Duke of Edinburgh elected to Hon. Membership .....	Mar. 81	Oblique-Incidence Pulse Transmission, J. W. Cox and Kenneth Davies .....	Feb. 35
Independent Television Authority, P. A. T. Bevan Appointment .....	Jan. 18	Optimum Element Spacing of Uniform Broadside Arrays ( <i>Correspondence</i> ) .....	Apr. 115
Input Resistance of L.F. Unipole Aerials, J. R. Wait and W. A. Pope .....	May 131	—, Shape Coils, L. Lewin .....	July 177
Institute of Physics .....	July 198	Oscillation in Valve Generators, Stability of, A. S. Gladwin Aug. 206, Sept. 246, Oct. 272, Nov. 297	
— of Radio Engineers' Awards .....	Jan. 18	Oscillator, Ultra-Low-Frequency, ( <i>Corre- spondence</i> ) .....	June 173
Institution of Electronics Exhibition .....	July 198	Oscillators, High-Stability, ( <i>Correspondence</i> ) May 141,	Sept. 254
Ionosphere: Oblique-Incidence Pulse Trans- mission, J. W. Cox and Kenneth Davies .....	Feb. 35	Overshoot, Transient Responses with Limited, A. J. O. Cruickshank .....	June 154
Ionospheric Absorption Measuring Equip- ment, D.S.I.R., W. R. Piggott .....	June 164		
<b>J</b> UNCTION-TRANSISTOR Trigger Cir- cuits, J. E. Flood .....	May 122	<b>P</b> HASE-SHIFT Networks, Transient Response Calculation for, D. G. Sarma .....	July 179
<b>K</b> IRKE, H.L., Obituary .....	Oct. 279	Physical Society's Exhibition .....	June 169
Kompfner, Rudolph .....	July 198	—, Summer Meeting .....	June 174
<b>L</b> INEAR Phase Modulator ( <i>Correspon- dence</i> ) .....	Sept. 255	Post Office Appointments .....	Aug. 225
Loss and Phase of Simple Equalizers, H. J. Orchard .....	Sept. 235	Programme Time, Compression and Expan- sion of, ( <i>Editorial</i> ) July 175; ( <i>Corre- spondence</i> ) .....	Sept. 255
Loudspeaker, Electrostatic, ( <i>Editorial</i> ) .....	May 119	Propagation: D.S.I.R. Ionospheric Absorption Measuring Equipment, W. R. Piggott .....	June 164
Low-Frequency Crosstalk in Pulse-Phase Modulation, J. G. Little .....	Aug. 220	—: H.F. Direction Finding, C. G. McCue .....	Mar. 79
— Direction Finder, C. Clarke and V. A. W. Harrison .....	Apr. 109	—: Radio Communication by Wave Scattering ( <i>Editorial</i> ) .....	Nov. 287
<b>M</b> AGNET, Rotating Bar, from Different Points of View, ( <i>Editorial</i> ) Jan. 1; ( <i>Correspondence</i> ) .....	July 196	Pulse-Phase Modulation, Low-Frequency Crosstalk in, J. G. Little .....	Aug. 220
Magnetic Demodulation ( <i>Editorial</i> ) .....	Mar. 63	Pulse Response of Signal Rectifiers, M. V. Callendar, Jan. 3; ( <i>Correspondence</i> ) .....	Mar. 89
— Fields, Optimum Shape Coils for Pro- ducing, L. Lewin .....	July 177	— Signals in Noise, Detection of, D. G. Tucker and J. W. R. Griffiths .....	Nov. 290
Matching Equipment, Visual Impedance- R. Dalziel and A. Challands .....	Apr. 99	— Transmission, Oblique-Incidence, J. W. Cox and Kenneth Davies .....	Feb. 35
Matrix Algebra, John J. Karakash .....	July 190		
Measurement: Automatic Slide-Back Volt- meter, Herbert J. Fraser .....	July 197	<b>Q</b> OF a Cavity, Nomogram for, J. D. Harmer .....	Jan. 25
— Shunt-Diode Rectifier in Voltage, M. G. Scroggie, Feb. 53; ( <i>Correspondence</i> ) .....	Apr. 116	Quartics, Solution of Cubics and, ( <i>Correspon- dence</i> ) .....	Jan. 30
— Transmission-Line Termination, J. M. C. Dukes .....	Oct. 266	<b>R</b> .E.C.M.F. Exhibition .....	Jan. 18
Measurements in Travelling-Wave Structures, A. W. Aikin .....	Sept. 230	R.I.C. Technical Writing Premiums Mar. 81,	Dec. 337
Measuring Equipment, D.S.I.R. Ionospheric Absorption, W. R. Piggott .....	June 164	Radiation by Television and F.M. Sets ( <i>Editorial</i> ) .....	Feb. 33
		— Characteristics of Axial Slots on a Conducting Cylinder, J. R. Wait .....	Dec. 316
		— from Aerials, Giorgio Barzilai, Aug. 223; ( <i>Correction</i> ) .....	Sept. 258

MONTH	PAGE	MONTH	PAGE
Sept.	227	Time and Frequency, New Definition of the Unit of, L. Essen	Nov. 312
— Communication by Wave Scattering (Editorial)	...	Transformation for Constant-Impedance Networks, H. J. Orchard	May 139
Radley, Sir Gordon	...	Transformer, Two-Section Transmission-Line, M. S. Wheeler	Jan. 15
Rectifier-Filter Characteristics, F. G. Heymann, June 147; ( <i>Corres.</i> ) Sept. 257, — in Voltage Measurement, Shunt-Diode, M. G. Scroggie, Feb. 53; ( <i>Correspondence</i> ) Rectifiers, Pulse Response of Signal, M. V. Callendar, Jan. 3; ( <i>Correspondence</i> ) Resonant Circuit Theory, Series, A. J. Lyon Rosen, Dr. A. Rotating Bar Magnet from Different Points of View ( <i>Editorial</i> ) Jan. 1; ( <i>Correspondence</i> ) Jan. 28, Feb. 61,	...	Transient Response Calculation, Dharmajit Gupta Sarma	July 179
<b>S</b> ATURABLE-REACTOR Frequency Divider, G. W. G. Court and C. I. C. Scollay Scatter Techniques, Communication by, Symposium	...	— Responses with Limited Overshoot, A. J. O. Cruickshank	June 154
Scattering, Radio Communication by Wave, ( <i>Editorial</i> )	...	Transistor Circuit Analysis ( <i>Correspondence</i> )	July 196
Series Resonant Circuit Theory, A. J. Lyon Shunt-Diode Rectifier in Voltage Measurement, M. G. Scroggie, Feb. 53; ( <i>Correspondence</i> )	...	— Trigger Circuits, Junction-, J. E. Flood	May 122
Solution of Cubics and Quartics ( <i>Corres.</i> ) Stability of Oscillation in Valve Generators, A. S. Gladwin, Aug. 206, Sept. 246, Oct. 272	...	Transmission-Line Termination, J. M. C. Dukes	Oct. 266
Stabilizers, Glow-Discharge, F. A. Benson and L. J. Bentall	...	Transmission, Oblique-Incidence Pulse, J. W. Cox and Kenneth Davies	Feb. 35
Standard-Frequency Transmissions, Jan 32, Feb. 62, Mar. 90, Apr. 118, May 144, June 174, July 198, Aug. 226, Sept. 258, Oct. 286, Nov. 312	...	Travelling-Wave Structures, Measurements in, A. W. Aikin	Sept. 230
Standing-Wave Patterns, Some Aspects of, C. P. Allen and P. A. Lindsay	...	Triodes, U.H.F., W. J. Pohl and D. C. Rogers	Feb. 47
Symposium on Electromagnetic Waves	...	Tucker, D. G., New Appointment	Oct. 279
Sync-Pulse Spectrum, Television, ( <i>Editorial</i> )	...	Tunable Temperature-Compensated Reference Cavity, M. S. Wheeler	Aug. 201
<b>T</b> EACHING of Electromagnetism ( <i>Editorial</i> ) Jan. 1; ( <i>Correspondence</i> ) Jan. 28, Feb. 61, Technical Writing Premiums, R.I.C. Mar. 81, Television and F.M. Sets, Radiation by, ( <i>Editorial</i> )	...	Two-Section Transmission-Line Transformer, M. S. Wheeler	Jan. 15
— Sync-Pulse Spectrum ( <i>Editorial</i> )	...	<b>U</b> H.F. Triodes, W. J. Pohl and D. C. Rogers	Feb. 47
		Ultra-Linear Amplifiers ( <i>Editorial</i> )	Aug. 199
		— Low-Frequency Oscillator ( <i>Corres.</i> )	June 173
		<b>V</b> .H.F.-F.M. Broadcasting ( <i>Editorial</i> ) June 145; ( <i>Correction</i> ) Aug. 225; ( <i>Corres.</i> ) Valves: U.H.F. Triodes, W. J. Pohl and D. C. Rogers	Sept. 255
		Visual Impedance-Matching Equipment, R. Dalziel and A. Challands	Feb. 47
		Voltage Measurement, Shunt-Diode Rectifier in, M. G. Scroggie	Apr. 99
		Voltmeter, Automatic Slide-Back, H. J. Fraser	Feb. 53
		<b>W</b> AVEGUIDE, Analogy of Ferrite in, ( <i>Correspondence</i> )	July 187
		— Phase Changer, R. E. Collin	Mar. 89
		Waveguides and Waveguide Junctions, Mar. 65; Transmission-Line Termination, J. M. C. Dukes	Mar. 82
		Wave Structures, Measurements in Travelling, A. W. Aikin	Oct. 266
			Sept. 230

## INDEX TO AUTHORS

AIKIN, A. W.	Sept. 230	KARAKASHI, JOHN J.	July 190
ALLEN, C. P. and LINDSAY, P. A.	Sept. 239	LEWIN, L.	July 177
ANDREW, A. M.	Mar. 73	LINDSAY, P. A. with ALLEN, C. P.	Sept. 239
BARZILAI, GIORGIO	Aug. 223	LIPPERT, W. K. R.	Oct. 260, Nov. 305
BELROSE, J. S.	Feb. 41	LITTLE, J. G.	Aug. 220
BENSON, F. A. and BENTAL, L. J.	Dec. 330	LYON, A. J.	Apr. 107
BENTAL, L. J. with BENSON, F. A.	Dec. 330	MCCUE, C. G.	Mar. 79
CALLENDAR, M. V.	Jan. 3	MORRIS, F. L.	Apr. 93
CHALLANDS, A. with DALZIEL, R.	Apr. 99	ORCHARD, H. J.	May 139, Sept. 235
CLARKE, C. and HARRISON, V. A. W.	Apr. 109	PICGOTT, W. R.	June 164
COLLIN, R. E.	Mar. 82	POHL, W. J. and ROGERS, D. C.	Feb. 47
COURT, G. W. G. and SCOLLAY, C. I. C.	Dec. 328	POLISHUK, HAIM D.	Aug. 215
COX, J. W. and DAVIES, KENNETH	Feb. 35	POPE, W. A. with WAIT, J. R.	May 131
CRUCKSHANK, A. J. O.	June 154	ROGERS, D. C. with POHL, W. J.	Feb. 47
DALZIEL, R. and CHALLANDS, A.	Apr. 99	ROWLANDS, R. O.	Dec. 323
DAVIES, KENNETH with COX, J. W.	Feb. 35	SARMA, DHARMAJIT GUPTA	July 179
DUNES, J. M. C.	Mar. 65, Oct. 266	SCOLLAY, C. I. C. with COURT, G. W. G.	Dec. 328
ESSEN, L.	Nov. 312	SCROGGIE, M. G.	Feb. 53
FLOOD, J. E.	May 122	TRIPP, WILLIAM A.	Jan. 19
FRASER, HERBERT J.	July 187	TUCKER, D. G. and GRIFFITHS, J. W. R.	Nov. 290
Gladwin, A. S.	Aug. 206, Sept. 246, Oct. 272, Nov. 297	WAIT, J. R.	Dec. 316
GRIFFITHS, J. W. R. with TUCKER, D. G.	Nov. 290	WAIT, J. R. and POPE, W. A.	May 131
HARNIER, J. D.	Jan. 25	WHEELER, M. S.	Jan. 15, Aug. 201
HARRISON, V. A. W. with CLARKE, C.	Apr. 109		
HEYMANN, F. G.	June 147		