

ELECTRICAL COMMUNICATION

INDEX TO
VOLUME 26
1949



Published Quarterly and Copyrighted by the
INTERNATIONAL TELEPHONE AND TELEGRAPH CORPORATION
67 BROAD STREET, NEW YORK 4, N.Y., U.S.A.

SUBJECT AND TITLE INDEX

	NUMBER	PAGE
Airborne Apparatus: Crystal Control at 1000 Megacycles for Aerial Navigation. S. H. Dodington	4	272
Aerial Navigation:		
Crystal Control at 1000 Megacycles for Aerial Navigation. S. H. Dodington.....	4	272
System of Air Navigation and Traffic Control Recommended by the Radio Technical Commission for Aeronautics. P. C. Sandretto.....	1	17
Amplifiers:		
Application of Negative Feedback to Frequency-Modulation Systems. P. F. Panter and W. Dite.....	2	173
Travelling-Wave Amplifier.....	1	99
Travelling-Wave Amplifier for 6 to 8 Centimetres. D. C. Rogers.....	2	144
Amplitude Modulation:		
Application of Negative Feedback to Frequency-Modulation Systems. P. F. Panter and W. Dite.....	2	173
Some Relations Between Speed of Indication, Bandwidth, and Signal-to-Random-Noise Ratio in Radio Navigation and Direction Finding. H. Busignies and M. Dishal.....	3	228
Antennas:		
Antenna Impedance Measurement by Reflection Method. E. Istvánffy.....	4	285
Antennas for Circular Polarization. W. Sichak and S. Milazzo.....	1	40
Radio Direction-Finding by the Cyclical Differential Measurement of Phase. C. W. Earp and R. M. Godfrey. [Awarded Kelvin Premium, v. 26, n. 4, p. 304; December, 1949.].....	1	52
Application of Gas-Filled Tubes for Storage and Sending. F. H. Bray, D. S. Ridler, and W. A. G. Walsh.....	1	28
Application of Negative Feedback to Frequency-Modulation Systems. P. F. Panter and W. Dite.....	2	173
Attenuation:		
Calculation of Band-Pass Filters Using Piezoelectric Crystals in Lattice Structures. A. Fromageot and M. A. Lalande.....	4	305
Interconnection of Channel Groups Between Coaxial Cables. A. Fromageot and M. A. Lalande.....	2	158
London-Birmingham Television Cable. H. Stanesby and W. K. Weston.....	3	186
Resonant-Section Band-Pass Filters. S. Frankel.....	1	76
Transmission-Measuring Set for Low-Frequency Carrier Systems. J. Brundage and J. Zyda.....	3	204
Automatic Frequency Control: Crystal Control at 1000 Megacycles for Aerial Navigation. S. H. Dodington.....	4	272
Automatic Telephone Switching: See Machine Switching.		
Awards:		
Chinese Honor Sir Frank Gill.....	2	128
Kelvin Premium to Earp and Godfrey.....	4	304
Balanced Radio-Frequency Transmission Lines, Highly. K. H. Zimmermann.....	3	201
Band-Pass Filters:		
Calculation of Band-Pass Filters Using Piezoelectric Crystals in Lattice Structures. A. Fromageot and M. A. Lalande.....	4	305
Elements in the Design of Conventional Filters. V. Belevitch. [Addendum, v. 26, n. 2, p. 180; June, 1949.].....	1	84
Resonant-Section Band-Pass Filters. S. Frankel.....	1	76
Bandwidth:		
Pulse Modulation. E. M. Deloraine.....	3	222
Some Relations Between Speed of Indication, Bandwidth, and Signal-to-Random-Noise Ratio in Radio Navigation and Direction Finding. H. Busignies and M. Dishal.....	3	228
Bacons, Radio:		
Crystal Control at 1000 Megacycles for Aerial Navigation. S. H. Dodington.....	4	272
Radio Directing-Finding by the Cyclical Differential Measurement of Phase. C. W. Earp and R. M. Godfrey. [Awarded Kelvin Premium, v. 26, n. 4, p. 304; December, 1949.].....	1	52
System of Air Navigation and Traffic Control Recommended by the Radio Technical Commission for Aeronautics. P. C. Sandretto.....	1	17
Binary Counters: Application of Gas-Filled Tubes for Storage and Sending. F. H. Bray, D. S. Ridler, and W. A. G. Walsh.....		
	1	28
Birmingham Television Cable, London-. H. Stanesby and W. K. Weston.....	3	186
Bologna, Italy: Telephone Plant of Bologna. F. Pezzoli.....	2	138
Book Review: Reference Data for Radio Engineers, Third Edition.....	3	242
Broad-Bandwidth Amplifiers:		
Travelling-Wave Amplifier.....	1	99
Travelling-Wave Amplifier for 6 to 8 Centimetres. D. C. Rogers.....	2	144
Broadcasting System, Experimental Ultra-High-Frequency Multiplex. A. G. Kandoian and A. M. Levine.....	4	292
Business:		
Development of Toll Traffic in Switzerland, 1921-1947. H. Stoeri.....	4	279
Organization of Telecommunications of Greece.....	3	208
Rotary Automatic Telephone Lines as of December 31, 1948.....	1	100
Telephone Statistics of the World.....	2	153
Busy-Hour Traffic: Variations of Telephone Traffic. F. W. Rabe.....	3	243

ELECTRICAL COMMUNICATION

	NUMBER	PAGE
Cables (see also Coaxial Cables and Transmission Lines):		
Highly Balanced Radio-Frequency Transmission Lines. K. H. Zimmermann.....	3	201
Interconnection of Channel Groups Between Coaxial Cables. A. Fromageot and M. A. Lalande.....	2	158
London-Birmingham Television Cable. H. Stanesby and W. K. Weston.....	3	186
Low-Capacitance Cable.....	2	166
Calculation of Band-Pass Filters Using Piezoelectric Crystals in Lattice Structures. A. Fromageot and M. A. Lalande.....	4	305
Capacitance: Low-Capacitance Cable.....	2	166
Capehart-Farnsworth Corporation: Farnsworth Corporation Enters I.T.&T. System.....	2	180
<i>Caronia:</i>		
Cunard-White Star Lines' <i>R.M.S. Caronia (Frontispiece)</i>	1	2
Receiving Room Aboard <i>R.M.S. Caronia (Frontispiece)</i>	2	106
<i>R.M.S. Caronia</i> Radio and Electronic Installation.....	2	107
Carrier-Current Telephony:		
Fundamental Toll-Switching Plan for Europe of the Comité Consultatif International Téléphonique. P. E. Erikson.....	1	9
Interconnection of Channel Groups Between Coaxial Cables. A. Fromageot and M. A. Lalande.....	2	158
London-Birmingham Television Cable. H. Stanesby and W. K. Weston.....	3	186
Pulse Modulation. E. M. Deloraine.....	3	222
Stockholm-Göteborg Coaxial Telephone Cable.....	4	284
Transmission-Measuring Set for Low-Frequency Carrier Systems. J. Brundage and J. Zyda.....	3	204
Catalyzer Oscillator: Experimental Ultra-High-Frequency Multiplex Broadcasting System. A. G. Kandoian and A. M. Levine.....	4	292
Centimeter Wavelengths:		
Nova Scotia Terminal of Pulse-Time-Modulation Radio Link to Prince Edward Island (<i>Frontispiece</i>).....	4	268
Travelling-Wave Amplifier.....	1	99
Travelling-Wave Amplifier for 6 to 8 Centimetres. D. C. Rogers.....	2	144
Central-Office Telephone Equipment:		
Group-Start Method of Subscriber's Line Identification. F. H. Bray, D. H. Ormrod, and M. T. Wilson.....	3	209
Introduction of Rotary Automatic Service in U.S.A. at Rochester, New York.....	1	3
Telephone Plant of Bologna. F. Pezzoli.....	2	138
Variations of Telephone Traffic. F. W. Rabe.....	3	243
Channel Groups Between Coaxial Cables, Interconnection of. A. Fromageot and M. A. Lalande..	2	158
Characteristic Impedance:		
Highly Balanced Radio-Frequency Transmission Lines. K. H. Zimmermann.....	3	201
Impedance Measurements with Directional Couplers and Supplementary Voltage Probe. B. Parzen.....	4	338
London-Birmingham Television Cable. H. Stanesby and W. K. Weston.....	3	186
Chebyshev Behavior: Elements in the Design of Conventional Filters. V. Belevitch. [Addendum, v. 26, n. 2, p. 180; June, 1949.].....	1	84
Chinese Honor Sir Frank Gill.....	2	128
Circular Polarization, Antennas for. W. Sichak and S. Milazzo.....	1	40
Coaxial Cables:		
Electrical Properties of Plastics. A. J. Warner.....	1	33
Impedance Measurements with Directional Couplers and Supplementary Voltage Probe. B. Parzen.....	4	338
Interconnection of Channel Groups Between Coaxial Cables. A. Fromageot and M. A. Lalande.....	2	158
London-Birmingham Television Cable. H. Stanesby and W. K. Weston.....	3	186
Low-Capacitance Cable.....	2	166
Stockholm-Göteborg Coaxial Telephone Cable.....	4	284
Cold-Cathode Tubes: Application of Gas-Filled Tubes for Storage and Sending. F. H. Bray, D. S. Ridler, and W. A. G. Walsh.....	1	28
Combined Line and Recording: Development of Toll Traffic in Switzerland, 1921-1947. H. Stoeri.....	4	279
Comb-Type Filter: Some Relations Between Speed of Indication, Bandwidth, and Signal-to-Random-Noise Ratio in Radio Navigation and Direction Finding. H. Busignies and M. Dishal.....	3	228
Comité Consultatif International Téléphonique:		
Fundamental Toll-Switching Plan for Europe of the Comité Consultatif International Téléphonique.....	1	9
Influence of Signal Imitation on Reception of Voice-Frequency Signals. T. H. Flowers and D. A. Weir.....	4	319
Commutation: Radio Direction-Finding by the Cyclical Differential Measurement of Phase. C. W. Earp and R. M. Godfrey. [Awarded Kelvin Premium, v. 26, n. 4, p. 304; December, 1949.].....	1	52
Compound Signalling: Influence of Signal Imitation on Reception of Voice-Frequency Signals. T. H. Flowers and D. A. Weir.....	4	319
Counting Circuits: Application of Gas-Filled Tubes for Storage and Sending. F. H. Bray, D. S. Ridler, and W. A. G. Walsh.....	1	28
Coupling: Impedance Measurements with Directional Couplers and Supplementary Voltage Probe. B. Parzen.....	4	338

INDEX TO VOLUME 26

	NUMBER	PAGE
Creed and Company, Limited:		
Creed Telegraph Laboratories.....	3	185
Laboratories of Creed and Company, Limited, Croydon, England (<i>Frontispiece</i>).....	3	184
Creed No. 47 Tape Teleprinter: Telegraph Switching in Denmark.....	2	137
Cross Talk:		
Influence of Signal Imitation on Reception of Voice-Frequency Signals. T. H. Flowers and D. A. Weir.....	4	319
London-Birmingham Television Cable. H. Stanesby and W. K. Weston.....	3	186
Crystal Control at 1000 Megacycles for Aerial Navigation. S. H. Dodington.....	4	272
Crystals in Lattice Structures, Calculation of Band-Pass Filters Using Piezoelectric. A. Fromageot and M. A. Lalande.....	4	305
Cunard-White Star Line:		
Cunard-White Star Lines' <i>R.M.S. Caronia</i> (<i>Frontispiece</i>).....	1	2
Receiving Room Aboard <i>R.M.S. Caronia</i> (<i>Frontispiece</i>).....	2	106
<i>R.M.S. Caronia</i> Radio and Electronic Installation.....	2	107
Cyclical Differential Measurement of Phase, Radio Direction-Finding by the. C. W. Earp and R. M. Godfrey. [Awarded Kelvin Premium, v. 26, n. 4, p. 304; December, 1949.].....	1	52
Cyclophon: Experimental Ultra-High-Frequency Multiplex Broadcasting System. A. G. Kandoian and A. M. Levine.....	4	292
Demodulation:		
Experimental Ultra-High-Frequency Multiplex Broadcasting System. A. G. Kandoian and A. M. Levine.....	4	292
Harmonic Distortion in Frequency-Modulation Off-Resonance Discriminator. A. R. Vallarino and M. S. Buyer.....	2	167
Some Relations Between Speed of Indication, Bandwidth, and Signal-to-Random-Noise Ratio in Radio Navigation and Direction Finding. H. Busignies and M. Dishal.....	3	228
Denmark, Telegraph Switching in.....	2	137
Design:		
Design Equations for Servomechanisms. B. Parzen.....	3	249
Design of Ionization Manometer Tube—Errata.....	2	180
Elements in the Design of Conventional Filters. V. Belevitch. [Addendum, v. 26, n. 2, p. 180; June, 1949.].....	1	84
Resonant-Section Band-Pass Filters. S. Frankel.....	1	76
Deskfax: Facsimile Transceiver for Pickup and Delivery of Telegrams. G. H. Ridings.....	2	129
Detection: See Demodulation.		
Development, Telephone:		
Development of Toll Traffic in Switzerland, 1921-1947. H. Stoeri.....	4	279
Rotary Automatic Telephone Lines as of December 31, 1948.....	1	100
Telephone Statistics of the World.....	2	153
Dielectric Constant: Electrical Properties of Plastics. A. J. Warner.....	1	33
Dipoles: Antenna Impedance Measurement by Reflection Method. E. Istvánffy.....	4	285
Directional Couplers and Supplementary Voltage Probe, Impedance Measurements with. B. Parzen.....	4	338
Direction Finders:		
Radio Direction-Finding by the Cyclical Differential Measurement of Phase. C. W. Earp and R. M. Godfrey. [Awarded Kelvin Premium, v. 26, n. 4, p. 304; December, 1949.].....	1	52
Some Relations Between Speed of Indication, Bandwidth, and Signal-to-Random-Noise Ratio in Radio Navigation and Direction Finding. H. Busignies and M. Dishal.....	3	228
Discriminators:		
Application of Negative Feedback to Frequency-Modulation Systems. P. F. Panter and W. Dite.....	2	173
Crystal Control at 1000 Megacycles for Aerial Navigation. S. H. Dodington.....	4	272
Harmonic Distortion in Frequency-Modulation Off-Resonance Discriminator. A. R. Vallarino and M. S. Buyer.....	2	167
Dissipation Factor: Electrical Properties of Plastics. A. J. Warner.....	1	33
Distance-Measuring System: Crystal Control at 1000 Megacycles for Aerial Navigation. S. H. Dodington.....	4	272
Distortion:		
Application of Negative Feedback to Frequency-Modulation Systems. P. F. Panter and W. Dite.....	2	173
Harmonic Distortion in Frequency-Modulation Off-Resonance Discriminator. A. R. Vallarino and M. S. Buyer.....	2	167
Signal-to-Noise Improvement in a Pulse-Count-Modulation System. A. G. Clavier, P. F. Panter, and W. Dite.....	3	257
Earp, C. W.: Kelvin Premium to Earp and Godfrey.....	4	304
Economics:		
Development of Toll Traffic in Switzerland, 1921-1947. H. Stoeri.....	4	279
Variations of Telephone Traffic. F. W. Rabe.....	3	243
Efficiency: Development of Toll Traffic in Switzerland, 1921-1947. H. Stoeri.....	4	279
Electrical Properties of Plastics. A. J. Warner.....	1	33
Elements in the Design of Conventional Filters. V. Belevitch. [Addendum, v. 26, n. 2, p. 180; June, 1949.].....	1	84
Elliptical Polarization: Antennas for Circular Polarization. W. Sichak and S. Milazzo.....	1	40
Erlang's Probability Equation: Variations of Telephone Traffic. F. W. Rabe.....	3	243

ELECTRICAL COMMUNICATION

	NUMBER	PAGE
Errata for:		
"Creed No. 47 Tape Teleprinter," v. 25, n. 4, p. 421; December, 1948: Telegraph Switching in Denmark.....	2	137
"Design of an Ionization Manometer Tube," v. 25, n. 4, pp. 373-385; December, 1948: Design of Ionization Manometer Tube—Errata.....	2	180
Error-Measuring Systems: Design Equations for Servomechanisms. B. Parzen.....	3	249
Europe of the Comité Consultatif International Téléphonique, Fundamental Toll-Switching Plan for. P. E. Erikson.....	1	9
Experimental Ultra-High-Frequency Multiplex Broadcasting System. A. G. Kandoian and A. M. Levine.....	4	292
F acsimile Transceiver for Pickup and Delivery of Telegrams. G. H. Ridings.....	2	129
F arnsworth Corporation Enters I.T.&T. System.....	2	180
Feedback:		
Application of Negative Feedback to Frequency-Modulation Systems. P. F. Panter and W. Dite.....	2	173
Design Equations for Servomechanisms. B. Parzen.....	3	249
F erris Discriminator: Crystal Control at 1000 Megacycles for Aerial Navigation. S. H. Dodington.	4	272
Filter Networks:		
Calculation of Band-Pass Filters Using Piezoelectric Crystals in Lattice Structures. A. Fromageot and M. A. Lalande.....	4	305
Elements in the Design of Conventional Filters. V. Belevitch. [Addendum, v. 26, n. 2, p. 180; June, 1949.].....	1	84
Interconnection of Channel Groups Between Coaxial Cables. A. Fromageot and M. A. Lalande.	2	158
Resonant-Section Band-Pass Filters. S. Frankel.....	1	76
Some Relations Between Speed of Indication, Bandwidth, and Signal-to-Random-Noise Ratio in Radio Navigation and Direction Finding. H. Busignies and M. Dishal.....	3	228
F luctuation Noise: Noise-Suppression Characteristics of Pulse-Time Modulation. S. Moskowitz and D. D. Grieg.....	1	46
F requency Control: Crystal Control at 1000 Megacycles for Aerial Navigation. S. H. Dodington.	4	272
F requency-Division Multiplex: Pulse Modulation. E. M. Deloraine.....	3	222
Frequency Modulation:		
Application of Negative Feedback to Frequency-Modulation Systems. P. F. Panter and W. Dite.....	2	173
Harmonic Distortion in Frequency-Modulation Off-Resonance Discriminator. A. R. Vallarino and M. S. Buyer.....	2	167
F undamental Toll-Switching Plan for Europe of the Comité Consultatif International Téléphonique. P. E. Erikson.....	1	9
G as-Filled Tubes for Storage and Sending, Application of. F. H. Bray, D. S. Ridler, and W. A. G. Walsh.....	1	28
G ill, Sir Frank, Chinese Honor.....	2	128
G odfrey, R. M.: Kelvin Premium to Earp and Godfrey.....	4	304
G oniometers: Radio Direction-Finding by the Cyclical Differential Measurement of Phase. C. W. Earp and R. M. Godfrey. [Awarded Kelvin Premium, v. 26, n. 4, p. 304; December, 1949.].....	1	52
G öteborg Coaxial Telephone Cable, Stockholm.....	4	284
G reece, Organization of Telecommunications of.....	3	208
G round Beacon: Crystal Control at 1000 Megacycles for Aerial Navigation. S. H. Dodington....	4	272
G roups Between Coaxial Cables, Interconnection of Channel. A. Fromageot and M. A. Lalande..	2	158
G roup-Start Method of Subscriber's Line Identification. F. H. Bray, D. H. Ormrod, and M. T. Wilson.....	3	209
G uard Circuit: Influence of Signal Imitation on Reception of Voice-Frequency Signals. T. H. Flowers and D. A. Weir.....	4	319
H andbooks:		
Reference Data for Radio Engineers, Third Edition.....	3	242
Selenium Rectifier Handbook.....	3	248
H armonic Distortion in Frequency-Modulation Off-Resonance Discriminator. A. R. Vallarino and M. S. Buyer.....	2	167
H ellenic Telephone Company: Organization of Telecommunications of Greece.....	3	208
H ighly Balanced Radio-Frequency Transmission Lines. K. H. Zimmermann.....	3	201
H igh-Pass Filters: Elements in the Design of Conventional Filters. V. Belevitch. [Addendum, v. 26, n. 2, p. 180; June, 1949.].....	1	84
H olding Time: Variations of Telephone Traffic. F. W. Rabe.....	3	243
H onors:		
Chinese Honor Sir Frank Gill.....	2	128
Kelvin Premium to Earp and Godfrey.....	4	304
I dentification, Group-Start Method of Subscriber's Line. F. H. Bray, D. H. Ormrod, and M. T. Wilson.....	3	209
I mage Impedance: Calculation of Band-Pass Filters Using Piezoelectric Crystals in Lattice Structures. A. Fromageot and M. A. Lalande.....	4	305
I mitation on Reception of Voice-Frequency Signals, Influence of Signal. T. H. Flowers and D. A. Weir.....	4	319
I mpedance:		
Antenna Impedance Measurement by Reflection Method. E. Istvánffy.....	4	285

INDEX TO VOLUME 26

	NUMBER	PAGE
Impedance Measurements with Directional Couplers and Supplementary Voltage Probe. B. Parzen.....	4	338
London-Birmingham Television Cable. H. Stanesby and W. K. Weston.....	3	186
Impedometer: Impedance Measurements with Directional Couplers and Supplementary Voltage Probe. B. Parzen.....	4	338
Impulse Noise: Noise-Suppression Characteristics of Pulse-Time Modulation. S. Moskowitz and D. D. Grieg.....	1	46
Influence of Signal Imitation on Reception of Voice-Frequency Signals. T. H. Flowers and D. A. Weir.....	4	319
Institution of Electrical Engineers: Kelvin Premium to Earp and Godfrey.....	4	304
Instrument Landing: System of Air Navigation and Traffic Control Recommended by the Radio Technical Commission for Aeronautics. P. C. Sandretto.....	1	17
Intelin Cable: Low-Capacitance Cable.....	2	166
Interconnection of Channel Groups Between Coaxial Cables. A. Fromageot and M. A. Lalande..	2	158
Interference: Noise-Suppression Characteristics of Pulse-Time Modulation. S. Moskowitz and D. D. Grieg.....	1	46
International Telephone and Telegraph System:		
Farnsworth Corporation Enters I.T.&T. System.....	2	180
Organization of Telecommunications of Greece.....	3	208
Interrogator-Responder: Crystal Control at 1000 Megacycles for Aerial Navigation. S. H. Dod- ington.....	4	272
Introduction of Rotary Automatic Service in U.S.A. at Rochester, New York.....	1	3
Ionization Manometer Tube, Design of—Errata.....	2	180
Italy: Telephone Plant of Bologna. F. Pezzoli.....	2	138
Journal, Post Office Telecommunications.....	2	128
Kelvin Premium to Earp and Godfrey.....	4	304
Landing: See Instrument Landing.		
Lattice Filters: Calculation of Band-Pass Filters Using Piezoelectric Crystals in Lattice Structures. A. Fromageot and M. A. Lalande.....	4	305
Limiters:		
Application of Negative Feedback to Frequency-Modulation Systems. P. F. Panter and W. Dite.....	2	173
Experimental Ultra-High-Frequency Multiplex Broadcasting System. A. G. Kandoian and A. M. Levine.....	4	292
Noise-Suppression Characteristics of Pulse-Time Modulation. S. Moskowitz and D. D. Grieg.	1	46
Linear Detectors: Some Relations Between Speed of Indication, Bandwidth, and Signal-to-Random- Noise Ratio in Radio Navigation and Direction Finding. H. Busignies and M. Dishal.....	3	228
Linearity: Application of Negative Feedback to Frequency-Modulation Systems. P. F. Panter and W. Dite.....	2	137
Line Identification, Group-Start Method of Subscriber's. F. H. Bray, D. H. Ormrod, and M. T. Wilson.....	3	209
Links, Radio:		
Nova Scotia Terminal of Pulse-Time-Modulation Radio Link to Prince Edward Island (<i>Frontis- piece</i>).....	4	268
Port Elizabeth-Uitenhage Time-Sharing-Modulation Radio Link.....	4	269
London-Birmingham Television Cable. H. Stanesby and W. K. Weston.....	3	186
Long Lines: See Toll.		
Loss Factor: Electrical Properties of Plastics. A. J. Warner.....	1	33
Low-Capacitance Cable.....	2	166
Low-Frequency Carrier Systems, Transmission-Measuring Set for. J. Brundage and J. Zyda.....	3	204
Machine Switching:		
Application of Gas-Filled Tubes for Storage and Sending. F. H. Bray, D. S. Ridler, and W. A. G. Walsh.....	1	28
Development of Toll Traffic in Switzerland, 1921-1947. H. Stoeri.....	4	279
Fundamental Toll-Switching Plan for Europe of the Comité Consultatif International Télé- phonique. P. E. Erikson.....	1	9
Group-Start Method of Subscriber's Line Identification. F. H. Bray, D. H. Ormrod, and M. T. Wilson.....	3	209
Influence of Signal Imitation on Reception of Voice-Frequency Signals. T. H. Flowers and D. A. Weir.....	4	319
Introduction of Rotary Automatic Service in U.S.A. at Rochester, New York.....	1	3
Rotary Automatic Telephone Lines as of December 31, 1948.....	1	100
Telegraph Switching in Denmark.....	2	137
Telephone Plant of Bologna. F. Pezzoli.....	2	138
Variations of Telephone Traffic. F. W. Rabe.....	3	243
Manometer Tube, Design of Ionization—Errata.....	2	180
Marine Radio:		
Cunard-White Star Lines' <i>R.M.S. Caronia</i> (<i>Frontispiece</i>).....	1	2
Receiving Room Aboard <i>R.M.S. Caronia</i> (<i>Frontispiece</i>).....	2	106
<i>R.M.S. Caronia</i> Radio and Electronic Installation.....	2	107

ELECTRICAL COMMUNICATION

	NUMBER	PAGE
Measurements:		
Impedance Measurements with Directional Couplers and Supplementary Voltage Probe. B. Parzen.....	4	338
Transmission-Measuring Set for Low-Frequency Carrier Systems. J. Brundage and J. Zyda..	3	204
Microwaves: See Centimeter Wavelengths.		
Mobile Radio: Radio Provides Communication with Presidential Train.....	2	179
Modulation:		
Application of Negative Feedback to Frequency-Modulation Systems. P. F. Panter and W. Dite.....	2	173
Experimental Ultra-High-Frequency Multiplex Broadcasting System. A. G. Kandoian and A. M. Levine.....	4	292
Harmonic Distortion in Frequency-Modulation Off-Resonance Discriminator. A. R. Vallarino and M. S. Buyer.....	2	167
Interconnection of Channel Groups Between Coaxial Cables. A. Fromageot and M. A. Lalande.	2	158
Noise-Suppression Characteristics of Pulse-Time Modulation. S. Moskowitz and D. D. Grieg.	1	46
Pulse Modulation. E. M. Deloraine.....	3	222
Some Relations Between Speed of Indication, Bandwidth, and Signal-to-Random-Noise Ratio in Radio Navigation and Direction Finding. H. Busignies and M. Dishal.....	3	228
Navigation:		
Crystal Control at 1000 Megacycles for Aerial Navigation. S. H. Dodington.....	4	272
Some Relations Between Speed of Indication, Bandwidth, and Signal-to-Random-Noise Ratio in Radio Navigation and Direction Finding. H. Busignies and M. Dishal.....	3	228
System of Air Navigation and Traffic Control Recommended by the Radio Technical Commission for Aeronautics. P. C. Sandretto.....	1	17
Negative Feedback: Application of Negative Feedback to Frequency-Modulation Systems. P. F. Panter and W. Dite.....	2	173
Networks, Filter:		
Calculation of Band-Pass Filters Using Piezoelectric Crystals in Lattice Structures. A. Fromageot and M. A. Lalande.....	4	305
Elements in the Design of Conventional Filters. V. Belevitch. [Addendum, v. 26, n. 2, p. 180; June, 1949.].....	1	84
Interconnection of Channel Groups Between Coaxial Cables. A. Fromageot and M. A. Lalande.	2	158
Resonant-Section Band-Pass Filters. S. Frankel.....	1	76
Noise:		
Experimental Ultra-High-Frequency Multiplex Broadcasting System. A. G. Kandoian and A. M. Levine.....	4	292
Noise-Suppression Characteristics of Pulse-Time Modulation. S. Moskowitz and D. D. Grieg.	1	46
Pulse Modulation. E. M. Deloraine.....	3	222
Signal-to-Noise Improvement in a Pulse-Count-Modulation System. A. G. Clavier, P. F. Panter, and W. Dite.....	3	257
Some Relations Between Speed of Indication, Bandwidth, and Signal-to-Random-Noise Ratio in Radio Navigation and Direction Finding. H. Busignies and M. Dishal.....	3	228
Travelling-Wave Amplifier for 6 to 8 Centimetres. D. C. Rogers.....	2	144
Noncontaminating Plastic: Electrical Properties of Plastics. A. J. Warner.....	1	33
Nova Scotia Terminal of Pulse-Time-Modulation Radio Link to Prince Edward Island (<i>Frontispiece</i>).	4	268
Off-Resonance Discriminator, Harmonic Distortion in Frequency-Modulation. A. R. Vallarino and M. S. Buyer.....	2	167
Operator Toll Dialling:		
Development of Toll Traffic in Switzerland, 1921-1947. H. Stoeri.....	4	279
Fundamental Toll-Switching Plan for Europe of the Comité Consultatif International Téléphonique. P. E. Erikson.....	1	9
Organization of Telecommunications of Greece.....	3	208
Oscillators:		
Experimental Ultra-High-Frequency Multiplex Broadcasting System. A. G. Kandoian and A. M. Levine.....	4	292
Transmission-Measuring Set for Low-Frequency Carrier Systems. J. Brundage and J. Zyda..	3	204
Parabolic Reflectors: Antennas for Circular Polarization. W. Sichak and S. Milazzo.....	1	40
Phase Angle:		
Antenna Impedance Measurement by Reflection Method. E. Istvánffy.....	4	285
Impedance Measurements with Directional Couplers and Supplementary Voltage Probe. B. Parzen.....	4	338
Phase Shift:		
Elements in the Design of Conventional Filters. V. Belevitch. [Addendum, v. 26, n. 2, p. 180; June, 1949.].....	1	84
Interconnection of Channel Groups Between Coaxial Cables. A. Fromageot and M. A. Lalande.	2	158
Radio Direction-Finding by the Cyclical Differential Measurement of Phase. C. W. Earp and R. M. Godfrey. [Awarded Kelvin Premium, v. 26, n. 4, p. 304; December, 1949.].....	1	52
Resonant-Section Band-Pass Filters. S. Frankel.....	1	76
Piezoelectric Crystals in Lattice Structures, Calculation of Band-Pass Filters Using. A. Fromageot and M. A. Lalande.....	4	305
Plastics, Electrical Properties of. A. J. Warner.....	1	33
Polarization, Antennas for Circular. W. Sichak and S. Milazzo.....	1	40
Port Elizabeth-Uitenhage Time-Sharing-Modulation Radio Link.....	4	269

INDEX TO VOLUME 26

	NUMBER	PAGE
Post Office Telecommunications Journal.....	2	128
Power Supplies: Selenium Rectifier Handbook.....	3	248
Presidential Train, Radio Provides Communication with.....	2	179
Prince Edward Island, Nova Scotia Terminal of Pulse-Time-Modulation Radio Link to. (<i>Frontis- piece</i>).....	4	268
Publications:		
Post Office Telecommunications Journal.....	2	128
Reference Data for Radio Engineers, Third Edition.....	3	242
Selenium Rectifier Handbook.....	3	248
Pulse-Modulation Systems:		
Crystal Control at 1000 Megacycles for Aerial Navigation. S. H. Dodington.....	4	272
Experimental Ultra-High-Frequency Multiplex Broadcasting System. A. G. Kandoian and A. M. Levine.....	4	292
Noise-Suppression Characteristics of Pulse-Time Modulation. S. Moskowitz and D. D. Grieg. Nova Scotia Terminal of Pulse-Time-Modulation Radio Link to Prince Edward Island (<i>Frontis- piece</i>).....	1	46
Port Elizabeth-Uitenhage Time-Sharing-Modulation Radio Link.....	4	269
Pulse Modulation. E. M. Deloraine.....	3	222
Signal-to-Noise Improvement in a Pulse-Count-Modulation System. A. G. Clavier, P. F. Panter, and W. Dite.....	3	257
Radiation Resistance: Antenna Impedance Measurement by Reflection Method. E. Istvánffy....	4	285
Radiators: See Antennas.		
Radio Direction-Finding by the Cyclical Differential Measurement of Phase. C. W. Earp and R. M. Godfrey. [Awarded Kelvin Premium, v. 26, n. 4, p. 304; December, 1949.].....	1	52
Radio Navigation: Some Relations Between Speed of Indication, Bandwidth, and Signal-to-Random- Noise Ratio in Radio Navigation and Direction Finding. H. Busignies and M. Dishal.....	3	228
Radio Provides Communication with Presidential Train.....	2	179
Radio Technical Commission for Aeronautics, System of Air Navigation and Traffic Control Rec- ommended by the. P. C. Sandretto.....	1	17
Railroads: Radio Provides Communication with Presidential Train.....	2	179
Receivers:		
Experimental Ultra-High-Frequency Multiplex Broadcasting System. A. G. Kandoian and A. M. Levine.....	4	292
R.M.S. <i>Caronia</i> Radio and Electronic Installation.....	2	107
Receiving Room Aboard R.M.S. <i>Caronia</i> (<i>Frontispiece</i>).....	2	106
Reception of Voice-Frequency Signals, Influence of Signal Imitation on. T. H. Flowers and D. A. Weir.....	4	319
Rectifiers: Selenium Rectifier Handbook.....	3	248
Reference Data for Radio Engineers, Third Edition.....	3	242
Reflection Method, Antenna Impedance Measurement by. E. Istvánffy.....	4	285
Reflectometer: Impedance Measurements with Directional Couplers and Supplementary Voltage Probe. B. Parzen.....	4	338
Relay Links: Signal-to-Noise Improvement in a Pulse-Count-Modulation System. A. G. Clavier, P. F. Panter, and W. Dite.....	3	257
Repeaters:		
London-Birmingham Television Cable. H. Stanesby and W. K. Weston.....	3	186
Signal-to-Noise Improvement in a Pulse-Count-Modulation System. A. G. Clavier, P. F. Panter, and W. Dite.....	3	257
Resistance-Capacitance Oscillator: Transmission-Measuring Set for Low-Frequency Carrier Systems. J. Brundage and J. Zyda.....	3	204
Resonant-Section Band-Pass Filters. S. Frankel.....	1	76
R.M.S. <i>Caronia</i> :		
Cunard-White Star Lines' R.M.S. <i>Caronia</i> (<i>Frontispiece</i>).....	1	2
Receiving Room Aboard R.M.S. <i>Caronia</i> (<i>Frontispiece</i>).....	2	106
R.M.S. <i>Caronia</i> Radio and Electronic Installation.....	2	107
Rochester, New York, Introduction of Rotary Automatic Service in U.S.A. at.....	1	3
Rotary Automatic Telephone System:		
Introduction of Rotary Automatic Service in U.S.A. at Rochester, New York.....	1	3
Rotary Automatic Telephone Lines as of December 31, 1948.....	1	100
Telephone Plant of Bologna. F. Pezzoli.....	2	138
Rumpelt Attenuation Gage: Calculation of Band-Pass Filters Using Piezoelectric Crystals in Lattice Structures. A. Fromageot and M. A. Lalande.....	4	305
Rural Telephony: Telephone Plant of Bologna. F. Pezzoli.....	2	138
RØ Navigation System: System of Air Navigation and Traffic Control Recommended by the Radio Technical Commission for Aeronautics. P. C. Sandretto.....	1	17
Sampling: Pulse Modulation. E. M. Deloraine.....	3	222
Selenium Rectifier Handbook.....	3	248
Sending, Application of Gas-Filled Tubes for Storage and. F. H. Bray, D. S. Ridler, and W. A. G. Walsh.....	1	28
Servomechanisms, Design Equations for. B. Parzen.....	3	249
Shielded Lines: Highly Balanced Radio-Frequency Transmission Lines. K. H. Zimmermann.....	3	201
Ships: See Marine.		
Signalling: Influence of Signal Imitation on Reception of Voice-Frequency Signals. T. H. Flowers and D. A. Weir.....	4	319

ELECTRICAL COMMUNICATION

	NUMBER	PAGE
Signal-to-Noise Ratio:		
Noise-Suppression Characteristics of Pulse-Time Modulation. S. Moskowitz and D. D. Grieg.	1	46
Pulse Modulation. E. M. Deloraine.	3	222
Radio Direction-Finding by the Cyclical Differential Measurement of Phase. C. W. Earp and R. M. Godfrey. [Awarded Kelvin Premium, v. 26, n. 4, p. 304; December, 1949.]	1	52
Signal-to-Noise Improvement in a Pulse-Count-Modulation System. A. G. Clavier, P. F. Panter, and W. Dite.	3	257
Some Relations Between Speed of Indication, Bandwidth, and Signal-to-Random-Noise Ratio in Radio Navigation and Direction Finding. H. Busignies and M. Dishal.	3	228
Travelling-Wave Amplifier for 6 to 8 Centimetres. D. C. Rogers.	2	144
Sir Frank Gill, Chinese Honor.	2	128
Some Relations Between Speed of Indication, Bandwidth, and Signal-to-Random-Noise Ratio in Radio Navigation and Direction Finding. H. Busignies and M. Dishal.	3	228
South Africa: Port Elizabeth-Uitenhage Time-Sharing-Modulation Radio Link.	4	269
Speed of Indication, Bandwidth, and Signal-to-Random-Noise Ratio in Radio Navigation and Direction Finding, Some Relations Between. H. Busignies and M. Dishal.	3	228
Square-Loop Antenna: Experimental Ultra-High-Frequency Multiplex Broadcasting System. A. G. Kandoian and A. M. Levine.	4	292
Statistics:		
Development of Toll Traffic in Switzerland, 1921-1947. H. Stoeri.	4	279
Rotary Automatic Telephone Lines as of December 31, 1948.	1	100
Telephone Statistics of the World.	2	153
Step-by-Step System: Group-Start Method of Subscriber's Line Identification. F. H. Bray, D. H. Ormrod, and M. T. Wilson.	3	209
Stockholm-Göteborg Coaxial Telephone Cable.	4	284
Storage and Sending, Application of Gas-Filled Tubes for. F. H. Bray, D. S. Ridler, and W. A. G. Walsh.	1	28
Subscriber's Line Identification, Group-Start Method of. F. H. Bray, D. H. Ormrod, and M. T. Wilson.	3	209
Sweden: Stockholm-Göteborg Coaxial Telephone Cable.	4	284
Switching Plan for Europe of the Comité Consultatif International Téléphonique, Fundamental Toll. P. E. Erikson.	1	9
Switzerland, Development of Toll Traffic in, 1921-1947. H. Stoeri.	4	279
System of Air Navigation and Traffic Control Recommended by the Radio Technical Commission for Aeronautics. P. C. Sandretto.	1	17
Systems, Communication: Organization of Telecommunications of Greece.	3	208
Systems, Telegraph: Telegraph Switching in Denmark.	2	137
Systems, Telephone:		
Development of Toll Traffic in Switzerland, 1921-1947. H. Stoeri.	4	279
Fundamental Toll-Switching Plan for Europe of the Comité Consultatif International Téléphonique. P. E. Erikson.	1	9
Interconnection of Channel Groups Between Coaxial Cables. A. Fromageot and M. A. Lalande.	2	158
Introduction of Rotary Automatic Service in U.S.A. at Rochester, New York.	1	3
Telephone Plant of Bologna. F. Pezzoli.	2	138
Telecommunications Journal, Post Office.	2	128
Telecommunications of Greece, Organization of.	3	208
Teledeltos: Facsimile Transceiver for Pickup and Delivery of Telegrams. G. H. Ridings.	2	129
Telefax: Facsimile Transceiver for Pickup and Delivery of Telegrams. G. H. Ridings.	2	129
Telegraphy:		
Creed Telegraph Laboratories.	3	185
Facsimile Transceiver for Pickup and Delivery of Telegrams. G. H. Ridings.	2	129
Radio Provides Communication with Presidential Train.	2	179
Telegraph Switching in Denmark.	2	137
Telephone and Telegraph Statistics:		
Rotary Automatic Telephone Lines as of December 31, 1948.	1	100
Telephone Statistics of the World.	2	153
Telephone Plant of Bologna. F. Pezzoli.	2	138
Teleprinters: Telegraph Switching in Denmark.	2	137
Television: London-Birmingham Television Cable. H. Stanesby and W. K. Weston.	3	186
Testing: Transmission-Measuring Set for Low-Frequency Carrier Systems. J. Brundage and J. Zyda.	3	204
Ticketing: Group-Start Method of Subscriber's Line Identification. F. H. Bray, D. H. Ormrod, and M. T. Wilson.	3	209
Time-Division Multiplex:		
Experimental Ultra-High-Frequency Multiplex Broadcasting System. A. G. Kandoian and A. M. Levine.	4	292
Noise-Suppression Characteristics of Pulse-Time Modulation. S. Moskowitz and D. D. Grieg.	1	46
Port Elizabeth-Uitenhage Time-Sharing-Modulation Radio Link.	4	269
Pulse Modulation. E. M. Deloraine.	3	222
Signal-to-Noise Improvement in a Pulse-Count-Modulation System. A. G. Clavier, P. F. Panter, and W. Dite.	3	257

INDEX TO VOLUME 26

	NUMBER	PAGE
Toll Lines:		
Development of Toll Traffic in Switzerland, 1921-1947. H. Stoeri.....	4	279
Fundamental Toll-Switching Plan for Europe of the Comité Consultatif International Téléphonique. P. E. Erikson.....	1	9
Influence of Signal Imitation on Reception of Voice-Frequency Signals. T. H. Flowers and D. A. Weir.....	4	319
Interconnection of Channel Groups Between Coaxial Cables. A. Fromageot and M. A. Lalande.	2	158
Stockholm-Göteborg Coaxial Telephone Cable.....	4	284
Traffic Control Recommended by the Radio Technical Commission for Aeronautics, System of Air Navigation and. P. C. Sandretto.....	1	17
Traffic, Telephone:		
Development of Toll Traffic in Switzerland, 1921-1947. H. Stoeri.....	4	279
Variations of Telephone Traffic. F. W. Rabe.....	3	243
Transceiver for Pickup and Delivery of Telegrams, Facsimile. G. H. Ridings.....	2	129
Transmission Lines:		
Electrical Properties of Plastics. A. J. Warner.....	1	33
Highly Balanced Radio-Frequency Transmission Lines. K. H. Zimmermann.....	3	201
Impedance Measurements with Directional Couplers and Supplementary Voltage Probe. B. Parzen.....	4	338
Low-Capacitance Cable.....	2	166
Transmission-Measuring Set for Low-Frequency Carrier Systems. J. Brundage and J. Zyda.....	3	204
Transmission, Telephone: Fundamental Toll-Switching Plan for Europe of the Comité Consultatif International Téléphonique. P. E. Erikson.....	1	9
Transmitters, Radio:		
Experimental Ultra-High-Frequency Multiplex Broadcasting System. A. G. Kandoian and A. M. Levine.....	4	292
R.M.S. Caronia Radio and Electronic Installation.....	2	107
Travelling-Wave Tubes:		
Travelling-Wave Amplifier.....	1	99
Traveling-Wave Amplifier for 6 to 8 Centimetres. D. C. Rogers.....	2	144
Trunking:		
Development of Toll Traffic in Switzerland, 1921-1947. H. Stoeri.....	4	279
Fundamental Toll-Switching Plan for Europe of the Comité Consultatif International Téléphonique. P. E. Erikson.....	1	9
Telephone Plant of Bologna. F. Pezzoli.....	2	138
Tuned Circuits: Harmonic Distortion in Frequency-Modulation Off-Resonance Discriminator. A. R. Vallarino and M. S. Buyer.....		
	2	167
Tuned-Section Filters: Resonant-Section Band-Pass Filters. S. Frankel.....	1	76
Twinax Line: Highly Balanced Radio-Frequency Transmission Lines. K. H. Zimmermann.....	3	201
Uitenhage Time-Sharing-Modulation Radio Link, Port Elizabeth.....	4	269
Ultra-High Frequencies:		
Experimental Ultra-High-Frequency Multiplex Broadcasting System. A. G. Kandoian and A. M. Levine.....	4	292
Port Elizabeth-Uitenhage Time-Sharing-Modulation Radio Link.....	4	269
Union of South Africa: Port Elizabeth-Uitenhage Time-Sharing-Modulation Radio Link.....	4	269
Vacuum Tubes:		
Design of Ionization Manometer Tube—Errata.....	2	180
Travelling-Wave Amplifier for 6 to 8 Centimetres. D. C. Rogers.....	2	144
Variations of Telephone Traffic. F. W. Rabe.....	3	243
Voice-Frequency Signals, Influence of Signal Imitation on Reception of. T. H. Flowers and D. A. Weir.....	4	319
Western Union: Facsimile Transceiver for Pickup and Delivery of Telegrams. G. H. Ridings....	2	129
Numerical		
7-A2 Rotary: Introduction of Rotary Automatic Service in U.S.A. at Rochester, New York.....	1	3
7-D Rotary: Telephone Plant of Bologna. F. Pezzoli.....	2	138
902-A Test Set: Transmission-Measuring Set for Low-Frequency Carrier Systems. J. Brundage and J. Zyda.....	3	204

AUTHOR INDEX

	NUMBER	PAGE
Belevitch, V. Elements in the Design of Conventional Filters. [Addendum, v. 26, n. 2, p. 180; June, 1949.]	1	84
Bray, F. H.:		
Application of Gas-Filled Tubes for Storage and Sending	1	28
Group-Start Method of Subscriber's Line Identification	3	209
Brundage, J. Transmission-Measuring Set for Low-Frequency Carrier Systems	3	204
Busignies, H. Some Relations Between Speed of Indication, Bandwidth, and Signal-to-Random-Noise Ratio in Radio Navigation and Direction Finding	3	228
Buyer, M. S. Harmonic Distortion in Frequency-Modulation Off-Resonance Discriminator	2	167
Clavier, A. G. Signal-to-Noise Improvement in a Pulse-Count-Modulation System	3	257
Deloraine, E. M. Pulse Modulation	3	222
Dishal, M. Some Relations Between Speed of Indication, Bandwidth, and Signal-to-Random-Noise Ratio in Radio Navigation and Direction Finding	3	228
Dite, W.:		
Application of Negative Feedback to Frequency-Modulation Systems	2	173
Signal-to-Noise Improvement in a Pulse-Count-Modulation System	3	257
Dodgington, S. H. Crystal Control at 1000 Megacycles for Aerial Navigation	4	272
Earp, C. W. Radio Direction-Finding by the Cyclical Differential Measurement of Phase. [Awarded Kelvin Premium, v. 26, n. 4, p. 304; December, 1949.]	1	52
Erikson, P. E. Fundamental Toll-Switching Plan for Europe of the Comité Consultatif International Téléphonique	1	9
Flowers, T. H. Influence of Signal Imitation on Reception of Voice-Frequency Signals	4	319
Frankel, S. Resonant-Section Band-Pass Filters	1	76
Fromageot, A.:		
Calculation of Band-Pass Filters Using Piezoelectric Crystals in Lattice Structures	4	305
Interconnection of Channel Groups Between Coaxial Cables	2	158
Godfrey, R. M. Radio Direction-Finding by the Cyclical Differential Measurement of Phase. [Awarded Kelvin Premium, v. 26, n. 4, p. 304; December, 1949.]	1	52
Grieg, D. D. Noise-Suppression Characteristics of Pulse-Time Modulation	1	46
Istvánffy, E. Antenna Impedance Measurement by Reflection Method	4	285
Kandoian, A. G. Experimental Ultra-High-Frequency Multiplex Broadcasting System	4	292
Lalande, M. A.:		
Calculation of Band-Pass Filters Using Piezoelectric Crystals in Lattice Structures	4	305
Interconnection of Channel Groups Between Coaxial Cables	2	158
Levine, A. M. Experimental Ultra-High-Frequency Multiplex Broadcasting System	4	292
Milazzo, S. Antennas for Circular Polarization	1	40
Moskowitz, S. Noise-Suppression Characteristics of Pulse-Time Modulation	1	46
Ormrod, D. H. Group-Start Method of Subscriber's Line Identification	3	209
Panter, P. F.:		
Application of Negative Feedback to Frequency-Modulation Systems	2	173
Signal-to-Noise Improvement in a Pulse-Count-Modulation System	3	257
Parzen, B.:		
Design Equations for Servomechanisms	3	249
Impedance Measurements with Directional Couplers and Supplementary Voltage Probe	4	338
Pezzoli, F. Telephone Plant of Bologna	2	138
Rabe, F. W. Variations of Telephone Traffic	3	243
Ridings, G. H. Facsimile Transceiver for Pickup and Delivery of Telegrams	2	129
Ridler, D. S. Application of Gas-Filled Tubes for Storage and Sending	1	28
Rogers, D. C. Travelling-Wave Amplifier for 6 to 8 Centimetres	2	144
Sandretto, P. C. System of Air Navigation and Traffic Control Recommended by the Radio Technical Commission for Aeronautics	1	17
Sichak, W. Antennas for Circular Polarization	1	40
Stanesby, H. London-Birmingham Television Cable	3	186
Stoeri, H. Development of Toll Traffic in Switzerland, 1921-1947	4	279
Vallarino, A. R. Harmonic Distortion in Frequency-Modulation Off-Resonance Discriminator	2	167
Walsh, W. A. G. Application of Gas-Filled Tubes for Storage and Sending	1	28
Warner, A. J. Electrical Properties of Plastics	1	33
Weir, D. A. Influence of Signal Imitation on Reception of Voice-Frequency Signals	4	319
Weston, W. K. London-Birmingham Television Cable	3	186
Wilson, M. T. Group-Start Method of Subscriber's Line Identification	3	209
Zimmermann, K. H. Highly Balanced Radio-Frequency Transmission Lines	3	201
Zyda, J. Transmission-Measuring Set for Low-Frequency Carrier Systems	3	204