Wireless World

RADIO, TELEVISION AND ELECTRONICS

VOLUME LVI

JANUARY - DECEMBER 1950

ALL RIGHTS RESERVED

Published from the Offices of "WIRELESS WORLD" ILIFFE & SONS LTD., DORSET HOUSE, STAMFORD ST., LONDON, S.E.1.

GENERAL INDEX

To facilitate reference the month of issue as well as the page number is given.

The General Index is followed by a Classified Index under the headings of Aerials, Circuitry, Design, Electronics, Manufacturers' Products, Miscellaneous, Modulation, Organization, Propagation, Radiolocation, Sound Reproduction, Television, Test and Measurement, Transmission, Valves and Thermionics, Books, Illustrations and Authors. References to Authors, Books and Illustrations appear only in the Classified Index.

- A.C./D.C.-Battery Power Supplies, by L. Miller, 31, Jan.; (Correction), 60, Feb.; (Correspondence), 77, Feb.; 115,
- Mar.
 A.C. Mains Receiver, Midget Three-Valve, by S. W. Amos, 68, Feb.
 A.M./F.M. Tests (Editorials), 305, Sept.; 340a, Oct.; (Correspondence), 377, Oct
- Oct. Qualifications (Correspondence), Academic Qualifications (Correspondence, 35, Jan.; 76, Feb. Accelerator, Harwell Linear, (News), 220,
- Adaptor, Taylor Electrical High-Voltage, 419. Nov.

- 419. Nov.
 Aerial Feeder Connections, by W. T. Cocking, 426. Dec.
 Aerial Restrictions (Editorial), 81, Mar.
 Aeronautical E.H.F. Frequencies (News), 264, July
 Airmet: Weather Broadcasts, (Editorials), 241, July; 340a, Oct.; 425. Dec.; (Correspondence), 269, July; 377, Oct.
 Airport V.H.F. Radio, Marconi, (News), 16, Jan.

- (Correspondence), 269, July; 377, Oct.
 Airport V.H.F. Radio, Marconi, (News), 16, Jan.
 Air-Sea Rescue. Up-to-Date, by Basil R. Clarke, 67, Feb.
 Airways Radio, Monitoring, 335, Sept.
 Amateur Exhibition, R.S.G.B., 12, Jan.
 Amateur Television Transmitting Frequencies, 3400, Oct.
 Amateurs and Television, R.S.G.B., and P.O. Meeting, 260, July
 American Broadcasting, 138. Apr.
 Hearing Aids, by A. Dinsdale, 2, Jan.; (Correspondence), 76, Feb.
 Insularity, by O. S. Puckle, 110, Mar.; (Correspondence), 238, June; 270, July; 422, Nov.
 Amplifier, High-Quality, by D. T. N. Williamson, 24, Jan.; (Correspondence), 302, Aug; Pre-Amplifier Circuit (Correspondence), 238, June; "Quad," 372, Oct.
 Muplifiers for Cardiography, by B. J. Shelley, 227, June
 Couplings in D. C.: Electronic Circuitry, 21, Jan.
 Onity Rroadcast and Aconstic Equip.

- —, Couplings in D.C.: Electronic Circuitry, 21, Jan.
 , Quality, Broadcast and Acoustic Equipment Co., 419, Nov.
 —, Reducing Drift in D.C.: Electronic Circuitry, 293, Aug.; 350, Oct.
 Amplifying Equipment. Ardente 360 and 660, 196. May
 Association of P.A. Engineers' Exhibition (News), 263, July
 Attenuators, Preferred Value, by E. W. Berthi-Jones, 71, Feb.; (Correction), 151, Apr.
 Australian Television (News), 292, Aug.; 439, Dec.
 Auto-Raciogram, Marcoulphone ARG23 & E.

- 439, Dec.
 Auto-Radiogram, Marconiphone ARG23AE, 195, May
 Autoselector, Mullard (News), 222, June
 Auxiliaries to Television (Editorial), 81, Mar.

- **B.B.C.** Broadcasting Committee Enquiry (*News*), 99, Mar.; 317, Sept. Broadcasting Monopoly (*Editorial*), 121,
- Apr. Droitwich and Norwich Transmitters Increased Power (News), 292, Aug. E.H.F. Broadcasting (Editorial), 305, Sept
- Extending Television (News), 291, Aug. Sutton Coldfield, 14, Jan. Growth of Television (Editorial), 41,
- Feb. Feb. Holme Moss and Larkhill Television Frequencies (News), 140, Apr. Labour Saving (News), 100, Mar. Midlands Television Station, 42, Feb. New Governors (News), 58' Feb. Glasgow Transmitter (News), 59, Fab.
- - Feb Liverpool Transmitter (News), 101,
- Mar.
- Mar. Planning Television Extensions (Edil-orial), 1, Jan. Remotely Controlled Transmitter (News), 16, Jan. Scottis, Television (News), 359, Oct.
- Speech and Music, 461, Dec.

- B.B.C. Staff Changes (News), 181, May; 318, Sept.; 399, Nov. —— Television Progress (News), 99, Mar.

 - Too Many Bosses? (*Editorial*), 381, Nov. Welsh Television Site, 291, Aug.; 441,
 - Dec. White City Studio Centre (News), 263,
 - July Wrotham

- June Loudspeaker Cabinet Design, Paper,
- 29. Jan. New Officers (News), 265, July New Olineers (Xews), 253, July
 Sound Recording Demonstration, Paper (News), 100, Mar.
 Test Records, 286, Aug.
 Bv.A. Olifeers (Aews), 318, Sept.
 Band-Pass Converters, by H. B. Dent, 373, Oct
- Oct
- Battery Set, E 188, May Economical, by I. Thomas,
- Beacon Interference (Correspondence), 35, Jan,
- Black Screen Television, Pyc, 298, Aug. Brazil's New Television Station Frequencies (News), 222, June Bridge Technique, New, by Thomas Roddam,
- Bridge reemingler, New, by These area of an.
 6, Jan.
 Brit. I.R.E. Presidential Address, 406. Nov.
 British and American Television (Correspondence), 238, June; 270, July; 338, Sept.; 422, Nov.
 Broadcast Volume Levels (Correspondence), 109, Mag.

- Broadcast' volume Levels (Correspondence), 198, May
 Broadcasting Committee Enquiry, (News), 99, Mar.; 317, Sept.
 Broadcasting in America, 138, Apr.
 Broadcasting Monopoly (Editorial), 121, Apr.
 Bush All-Station Television Receivers TV22 and TUG24: Test Report, 259, July
 Business Radio Licences (News), 265, July
- C.C.I.R.
- .1.R. Adopt 625-line System (News), 317, Sept. Choice of Television Standards, 249, July

- Choice of Television Standards, 249, July Conference (Editorial), 161, May European Television (News), 399, Nov. Visit (News), 180, May; 214, June Visit and Television (Editorial), 201, June (News), 263, July Cable Centenary (News), 318, Sept. Eccentricity Gauge. Addison Electric, 240, June Canadian Television (News), 222, June; 318, Sept. Car Radio, Self-tuning, 435, Dec. Cathode-Ray Oselloscope, Simple, by M. G. Scroggie, 82, Mar. Tube for P.P.I., Mullard, 267, July Choice of Television Standards, 249, July Circuit Diagrams (Correspondence), 464, Dec Civil Aviation Radio, S.B.A.C. Exhibition, 368, Oct.

- Civil Aviation Radio, S.B.A.C. Exhibition, 368, Oct.
 Cloud Detector, Radar, 459, Dec.
 Coaxial Cable Connector, Plessey, 153, Apr.
 Coil Pack, Miniature Three-Range, Bridisco, 419, Nov.
 Colour Television, U.S.A., 340a, 367, Oct.; 458, Dec.; (News), 359, Oct.; 439, Dec.; Article by A. Dinsdale, 443, Dec. Dec
- Dec.
 Television, Pye Demonstrations (News), 221, June; 265, July
 Communications on 460 Mc/s, by E. G. Hamer, 412, Nov.
 Receiver, Denco DCR19; Test Report, 50, Feb.
- Converters, Band-Pass, by H. B. Dent, 373,
- Oct Copenhagen Plan for Europe (News), 57, Feb.; 99, Mar.; 180, May; 263, July; Introduction of Plan, 130, Apr.
 - 2

Corner Ribbon Loudspeaker, 11, Jan.
Coupling Condenser, by "Cathode Ray," 361, Oct. (Correspondence), 464. Dec.
Couplings in D.C. Amplifiers: Electronic Circuitry, 21, Jan.
Grocodile Clips, Bulgin, 154, Apr.

- D.C. Amplifiers, Couplings in: Electronic Circuitry, 21, Jan.
 —, Reducing Drift in: Electronic Cir-cuitry, 293, Aug.; 350, Oct.
 Danish Radio Exhibition, 364, Oct.
 Television Frequencies (News), 220,

- June Dark-Screen Television, 417, Nov.; Pyc,
- Dark Screen Television, 417, Nov.; Pyc, 298, Aug.
 Dark Television Screens (Correspondence), 116, Mar.; 157, Apr.; 197, May
 Deflector (coil Characteristics, by W. T. Cocking, 95, Mar.; 147, Apr.; 176, May
 Design for a Wobbulator, by M. G. Scroggie, 360 Oct

- Design for a Wobbliator, by M. G. Scroggie, 369, Oct. Dielectric Heating Oven, G.E.C., 195, May Disc-Seal Triode, Mullard, 120, Mar. Distortion, Intermodulation, by Thomas Roddam, 122, Apr. Dutch Television (News), 141, Apr.
- E.H.F. Broadcasting, German, (News), 220,
- E.H.F. Broaucasong, Gorman, (1997)
 June
 E.H.T. Circuit (Correspondence), 463, Dec.
 Flyback, by W. T. Cocking, 279, Aug.; 313, Sept.
 Sept.
 Sept. (Correspondence), 422. 313. Sept.
 Voltage, Raising, (Correspondence), 422. Nov.
 E.M.F. and P.D. What is the Difference?
 by "Cathode Ray," 453. Dec.
 E.M.I. Scholarships (News), 399, Nov.
 Barth, by "Cathode Ray," 103, Mar.
 Easing Impedance Calculations, by M. G.
 Scroggie, 19, Jan.; (Correspondence), 76 feb.

76, Feb. Economical Battery Set, by L. Thomas,

Economical Battery Set, by L. Thomas, 188, May
 EDITORIALS: Aerial Restrictions, S1, Mar. Amenitics and Necessities, 201, June Auxiliaries to Television, 81, Mar. Broadcasting Monopoly, 121, Apr. Growth of Television, 41, Feb. Long-Playing Records, 273, Aug. National Radio Exhibition, 305, Sept. Planing Television Statesions, 1

Planning Television Extensions,

Planning Television Extensions, 1, Jan.
 Restoring Airmet, 340a, Oct.; (Correspondence), 377, Oct.; 425, Lec.
 Show Survey, 341, Oct.; (Correspondence), 465, Dec.
 Stereophony, 381, Nov.; (Correspondence), 421, Nov.;
 Studying Television, 201, June
 Television Isolationism, 273, Aug.
 Television Standards for Europe, 161, May

May Too Many Bosses? (B.B.C.) 381, Nov. Valve Symbols, 381, Nov. Vicissitudes of "Electronics," 41, Feb.

Feb. Weather Broadcasts, 241, July Worth-While Tests, 305. Sept.; 340a, Oct.; (Correspondence), 377, Oct.

ARG90 Export Radiogramophone. 267, July A100 Superheterodyne Export Receiver,

A 100 Superheterodyne Export Receiver, 267, July
 Radio - Television Console TRC124. 195, May
 Electrolytics, Life of (Correspondence), 271, July
 Electronic Circuitry, by J. McG. Sowerby, 21, Jan.; 108, Mar.; 223, June; 293, Aug.; 350, Oct.
 Electronic Relay, Labgear, 267, July
 Electronic Relay, Labgear, 267, July
 Electronic Relay, Labgear, 96, by "Cathode Ray." 183, May
 Engineers' Guild and J.E.E. (Nems), 101, Mar.

Ekco

Mar.

European Broadcasting, 57, Feb.; 99, Mar.; 140. Apr.; 180, May; 263, July
 — Television Standards (Editorial), 161, May; (Correspondence), 197, May
 EXHIBITIONS:

- May: (Correspondence), 197, May
 EXHIBITIONS:
 1951 Festival of Britain, 263, July; Association of Public Address En-gineers, 263, July; B.I.F., 165, May; 401, Nov.; B.S.R.A., 180, May; 255, July; Castle Bromwich, 100, Mar.; 140, Apr.; 220, June; (Edi-torials), 305, Sept.; 341, Oct.; Gnide, 306, Sept.; Review, 342, Oct.; Danish Radio, 364, Oct.; Freneli Scientific Instruments, 50, Feb.; 146, Apr.; Institute of Electronics Midland Branch, 18, Jan.; 141, Dec.; Physical Society, 100, Mar.; 144, Apr.; 171, May; R.E.C.M.F., 141, Apr.; 229, June; R.S.G.B., 12, Jan.; 340b, Oct.; 433, Dec. S.B.A.C., 308, Oct.; S.I.M.A., 292, Aug.; 401, Nov.
- F.M. and A.M. Tests (Editorials), 305, Sept.: 340a, Oct.; (Correspondence), 377. Oct.
 Pacsimile Equipment. Muirhead, 254, July Peedback, More about Positive, by Thomas Roddam, 242, July
 Festival Amateur Station (News), 439, Der.

- Oct. Television (News), 182. May; Trans-mission Times (News), 100. Mar. Frequency Allocations, Hague (News), 291, Aux.; 318, Sept.; 399, Nov. Interlace Colour Television. by A. Dinsdale, 443, Dec. Fringe Area Television Maps, 87, Mar.; 139, Apr.
- G.R.S.E. Officers (News), 58, Feb.; New Address (News), 101, Mar, German Anateurs, List of Call Signs (News), 182, May
 E.H.F. Broadcasting (News), 220, June Radio Exhibition, 418, Nov.
 Gloucester Relay Television (News), 141,

- Apr. Gramophone Motors, Small Electric, Two-Speed, 419, Nov.
 — Needles, Thorn, by A. M. Pollock, 450,
- Dec. Speed ('onversion, by R. L. West, 325, Sept. Greenwich Time Signal (*News*), 400, Nov. Growth of Television (*Editorial*), 41, Feb.
- H.F. Broadcasting, Hague Conference, 291, Aug.; 318, Sept.; 399, Nov.
 Hall Effect, 415, Nov.
 Harwell Linear Accelerator (News). 220,

- Harwell Linear Accelerator (News). 220, June
 Hearing Aid, Boncord Micropak, 34, Jau.
 Design, by A. Poliakoff, 274, Aug
 Heaviside and his Layer, by Sir Edward Appleton, 187, May
 High-Frequence Broadcasting Conference (News), 140, Apr.
 Heating, E.D.A. Educational Film, 65, Feb.
 High-Power Transmitting Valvo, R.C.A., 226, June
 High-Quality Amplifer, by D. T. N. William-son, 24, Jan.; Pre-Amplifier Circuit (Correspondence), 238, June; 302, Aug.
- Reproduction, B.S.R.A. Discussion, 132, Apr.; (Correspondence), 238, June; 269, July; 301, Aug.; 338,
- Sept.
- Sept. High-Voltage Tester, Runbaken, 267, July Honours, Birthday (Neues), 263, July New Year (Neues), 38, Feb. Hospital Radio, Philips ET101, 196, May Hotel Television. British Relay Wireless (Neues), 400, Nov. House of Commons S.R.E., 398, Nov.
- I.A.E.S.T.E., Student Exchange (News).
- 399, Nov. I.E.E. Council and Radio Section Committee (News), 292, Aug.

- 1.E.E. Faraday Lecture (News), 17, Jan.
 and Engineers' Guild (News), 101, Mar.
 M.K.S. System of Units, Discussion, 299, Aug.
 Projection and Di ect Viewing, Discussion, 340d, Oct.
 Budie Description Autorida (News), 250
 - Radio Premium Awards (News), 359,
- Oct.
- Radio Section Chairman's Address (News), 399, Nov. Student Section's Chairman (News),
- 441, Dec. Television O.B. Links, Discussion, 191,

- Hell, Dec.
 Television O.B. Links, Discussion, 191, May
 Wireless Telegraphy Bill Advisory Committee (News), 317, Sept.
 I.T.U. Conference, Hague (News), 291, Aug.; 318, Sept.; 399, Nov.
 Ignition Interference Suppressors, Bulgin, 120, Mar.
 Image Orthieon Television Camera Tubes, 162, May
 Impedance Calculations, Easing, by M. G. Scroggie, 19, Jan.; (Correspondence), 76, Feb.
 Impedance of R.F. Cables, by "Cathode Ray," 251, July
 Improved Stereophony, by E. Aisberg, 327, Sept.; (Correspondence), 421, Nov.
 Improving a Loudspeaker, by C. F.
- Improving a Loudspeaker, by C. F. Brockelsby, 261, July
 Inductance, Iron-Cored, by "Cathode Ray," 148, Apr.
 Institute of Physics, New Journal (News), 101. Mar.
 Interference from Amateur Transmitters, 260, July
 from Fluorescent Tubes, by "Diallist," 98, Mar.
 from Television Receivers, by M. G. Scroggie, 126, Apr.
 From Televisors (Correspondence), 117, Mar.
 Inverters, Television, G.E.C., 240, June Loudspeaker, by C. F.

- Mar. Inverters, Television, G.E.C., 240, June Measuring Set, E.R.A., 408, Nov. Suppression, Advisory Committee (News), 317, Sept. , Television, by A. L. Parsons, 192, May.

- Television, by A. D. Latson, May
 May
 Intermodulation Distortion, by Thomas Roadam, 122, Apr.
 International Scientific Radio Union Meeting (News), 317, Sept.
 Television (News), 57, 60, Feb.
 Television, C.C.I.R. Visit (News), 263, July
- Television, C.C.I.K. VISIT (Avews), 200, July
 Jonosphere Disturbances, WWV Trans-missions (Avews), 16, Jan,
 Review: 1949, by T. W. Bennington, 53, Feb.
 Iron-Cored Inductance, by "Cathode Ray," 143, Apr.
 Italian Television Rests, 45, Feb.

- KNOBS for Television, Bulgin, 240, June

- KNOBS for Television, Bulgin, 240, June
 LARGE-Screen Television Demonstration (News), 220, June
 LETTERS TO THE EDITOR:
 Academic Qualifications, H. Willan Critchley: "Bunny," 35, Jan. H. C. Bertoya, 76, Feb.
 Airmet Service, D. de Guerin, 269, July; B. S. T. Wallace, 377. Oct.
 American Hearing Aids, O. C. Lead-bitter. 76, Feb.
 Beacon Interference, J. B. Roscoe, 35, Jan.

 - Beacon Interference, J. B. Roscoe, 35, Jan.
 Beauty and the Beholder. "Radiophare." 270, July; H. Willan Critchley, 378, Oct.
 Bridge Modifications, J. A. L. Gorringe, 302, Aug.
 British and American Television, D. R. A. Mellis, 238, June; Keith Henney, 270, July; O. S. Puckle, 339, Sept.; A. T. Colbeck, 422, Nov.
 Broadcast Volume Levels, J. and G.
 - Broadcast Volume Levels, J. and G. Hart, 198, May Circuit Diagrams, M. Bamford, 464,
 - Dec Coupling Capacitor, Thomas Roddam,

 - Coupling Capacitor, Thomas Roddam, 464, Dec.
 Dark Television Screens, Alan Humphreys, 116, Mar.; R. C. Jennison, 157, Apr.; G. A. Phillips Dales; E. O. Frisk, 197, May
 E.H.T. Circuit, R. Pollock, 463, Dec.
 "Easing Impedance Calculations," R. Pollard, 76, Feb.
 Educating the Public, H. Willan Critchley, 465, Dec.
 European Television Standards, C. L. Zaalberg, 197, May

3

llint to Manufacturers, D. R. Bray, 422, Nov.
"Industrial High Frequency Electric Power," E. May, 158, Apr.
Interference from Televisors, R. M. Staunton-Lambert, 117, Mar.
Life of Electrolytics, J. Cooper, 271, July

- July Low-Power Broadcasting, P.

- Jow-Power Broadcasting, F. S., Worsnop, 301, Aug.
 Measuring Buss Resonance, A. W. Bovill, 463, Dec.
 Names and Titles, H. Anthony Hankev, 423, Nov.
 Nomenclature, F. B. Rudd; W. P. Rowley, 338, Sept.
 Output Intpedance Control." D. W. Thomasson, 116, Mar.; Thomas Thomasson, 116, Mar.; Thomas Roddam; P. J. Baxandall; H. Pursey; E. Jeffery; H. J. Pichal,
- 155, Apr. Photomicrography, Donald W. Aldous,
- Photomerography Donaut W. Adobs, 36, Jan. Physical Society Electronics, "Radio-phare," 239, June Pickup Damage, A. M. Pollock, 76,
- Feb.
- Feb.
 Feb.
 Feb. J. Besign, James A. MacHarg, 36, Jan.; T. S. Marshall, 36, Jan.;
 T. S. Marshall, 36, Jan.;
 T. G. Feb.; J. H. Brierley: B. E. Berry, 238, June: H. J. Leak, 269, July;
 338, Sept.; N. M. Reddington;
 F. R. Wallwork, 301, Aug.
 Pre-Amplifier Circuit, H. G. Warren, 238, June
 Preferred Valves, James Franklin, 301, Aug.
 "Q" Priority, V. V. L. Rao, 199, May
- "Q" Mav
- Radio Exports, A. J. Likeman. 75,
- Feb

- Radio Exports, A. J. Likeman. 75, Feb.
 Raising E.H.T. Voltage, L. J. Hills 422, Nov.
 Record and Stylus Wear, S. C. Hine, 337, Sept.
 Reducing Television Interference, G. T. Clack, 338, Sept.
 Resistor Colour Coding, Peter D. Daw, 421, Nov.
 Slow Starters, P. A. C. Morris, 302; Aug; C. F. K. Gaulder, 378, Oct.; John Ogilvy, 464, Dec.
 "Solving Parallel Problems," R. Parilit, 158, Apr.
 Spot Wobble, E. G. Anderson, 197, May; H. S. Chadwick, 270, July; S. F. Nutkins, 337, Sept.
 Stereophonic Broadcasting, E. Jeffery, 116, Mar.; H. Bishop, 158, Apr.; J. J. Geluk; M. F. L. Falkner; Henry Morgan; H. R. A. Townsend, 421, Nov.

Henry Morgan ; H. R. A. Townsend, 421. Nov. Superhet Radiation, H. R. McDermott, 302, Aug.; E. F. Good, 379, Oct. "T-Match Television Aerial," C. Smith. 117, Mar. Television-Curious Effect, A. F. Davidson, 198, May; D. W. E. Wheele, 302, Aug. —- on 25-c/s Mains, O. G. Cox, 116, Mar. —- Relay Loss? C. Lawson, 465, Dec.

Iteray Learning Dec.
 Dec.
 Tests, L. Stanney, 270, July
 Visor, E. G. Harrison, 464, Dec.
 Terminal Terminology, T. C. Nuttall, 198, May
 Terminal Science, Henry Morgan, 157,

Untrasupersonics, Heliry Morgan, 157, Apr.
"Universal "Receivers, W. G. Evershed, 77, Feb.; G. R. Woodville; H. P. White, 115, Mar.
Y.H.F. Mobile Communications, J. R. Brinkley, 377, Oct.
Valve Types, H. O. Bradshaw, 35, Jan.; G. P. H. de Freville, 198, Max

May Watering," Donald W. Aldous, 75, Feb. Williamson Amplifier, H. C. Manuing,

Winfanson Allphiler, H. C. Mahung, 302, Aug.
 Wireless World Television Receiver, W. Ford, 197, May
 Wrotham A.M. F.M. Schedules, Mikerobe, 377, Oct.

Jicences (News), 16, Jan.; 58, Feb.; 100, Mar.; 141, Apr.; 182, May; 221, June; 264, July; 292 Aug.; 318, Sept.; 340b, 359, Oct.; 439. Dec.

Liue-Scan Current Generator : New Scanning Circuit, by P. R. J. Court, 287, Aug.

Liverpool Harbour Communications, 277,

Aug.

- London Airport V.O.R. (News), 359. Oct.
 Long-Playing Records (Editorial), 273, Aug.
 Gramophone Conversion, by R. L.
 West. 325, Sept.
 Long-Range Television, by T. W. Benning-ton and R. Morris, 407, Nov.; Correction (News), 440, Dec.
 Londspeaker, Allen Radio Bafflette Extension, 267, July
 Cabinet Design, B.S.R.A. Paper, 29, Jan.
- Jan.
- Jan. Cabinet Design, by D. E. L. Shorter, 382, Nov.; 436, Dec. Cabinets, Ventex, 154, Apr. Damping: Output Impedance Control. by Thomas Roddam, 48, Feb.; (Correspondence), 116, Mar.: 155,
- Apr
- Damping, Transients and, by J. Moir, 166, May Modifications, by C. F. Brockelsby,
- 261, July Whiteley Electrical Concentric Duplex, 74. Feb. Loudspeakers, "Phase-In" Cabinet, 120,
- Mar. Low-Power Broadcasting (Correspondence),
- 301, Aug.
- M.K.S. System of Units, I.E.E. Discussion.
- M.K.S. System of Units, I.E.E. Discussion, 299, Ang.
 Marconi's Marine Jubice, 136, Apr.
 Yacht "Elettra II " (News), 441, Dec.
 Marine Communal Aerials, 73, Feb
 Radar Film (News), 16, Jan.
 Measuring Bass Resonance (Correspondence), 463, Dec.
 Measuring Lith Simple Apparture by

- 405, Dec. Measurements with Simple Apparatus, by Donald Robinson, 320, Sept. Mexican Television Frequencies (News), 222,

- Mexican Television Frequencies (News), 222, June
 June
 by S. W. Amos, 68, Feb.
 Midlandis Television Station, 42, Pob.; Field-Strength Map, 226, July
 Miniature Rectifiers, S. T.C., 33, Jan.
 Miniature Relays, Engel & Gibbs, 196, May
 Modern Soft-Soldering Technique, by R. W. Hallows, 217, June
 Monitoring Airways Radio, 335, Sept.
 Monitors, Television, by J. E. B. Jacob, 206, June
 More Albout, Positive, Feedback, by Thomas

- 206, June More About Positive Feedback, by Thomas Roddam, 242, July Morse, News in, (*Neurs*), 180, May; 400, Nov. Motor Cycle Transmitter Receiver, Plessey, 318, Sept. , Moving-Iron Meters, Taylor Electrical, 34,

- Multiple Unit Transmitter (News), 16, Jan. Multiple Unit Transmitter (News), 16, Jan. Murphy & Pye form Link Sound and Vision Ltd. (News), 141, Apr. Murphy V150 Television Set: Test Report, 133, Apr.

- NARROW-Band Pulse (communication, by Thomas Roddam, 202, June
 National Radio Exhibition (News), 100, Mar.; 140, Apr.; 220, June; (Edi-torials), 305, Sept.; 341 Oct.; Guide. 306. Sept.; Review. 342, Oct.; Attendance (News), 360. Oct.; (Corres-pondence), 465, Dec.; 1951 (News), 400, Nov.
 National Television Fund (News), 17, Jan. Negative Feedback, by E. Griffiths, 111, Mar.
- Mar. Neon Indicators, G.E.C., 195. May New Bridge Technique, by Thomas Roddam,
- 8. Jan. Scanning Circuit, by P. R. J. Court,
- 287, Aug. Sub-Miniature Valves, C. C. Gee. 46, Feb.
- Nomenclature (Correspondence), 338, Sept.; 423, Nov.

O.I.R. and U.I.R. (News), 57, Feb.; 140

- O.I.H. and U.I.H. (Arway, J.I. Apr.
 OBITUARY: Bonney, Daniel, 181. May; Clark, Alfred, 291. Aug.; Cobb, F. A., 181, May; Gill, Sir Frank. 340b, Oct.; Holland, Vice-Admiral C. S., 264, July; Joseph. J., 441, Dec.; Loughlin, W. D., 441, Dec.; Nash, G. H., 181, May; Peters, W. H., 340b, Oct.; Richards, W. G., 254, July
- July July Ocean Weather Ships, Call Signs (*News*), 441, Dec. "Ohm's Law" of Electrostatics, by "Cathode Ray," 183, May

- Operating Trolleybus Points, 113, Mar. Oscillators, RU, by "Cathode Ray," 331, Sept.
- Phase-Shift, by W. G. Raistrick, 409, Nov.
- Nov. Oscilloscope, Simple Cathode-Ray, by M. G. Scroggie, 82, Mar. Output Impedance Control, by Thomas Roddam, 48. Feb.; (Correspondence), 116, Mar.; 155, Apr.
- 116, Mar.; 155, Apr.
 P.D. and E.M.F. What is the Difference? hy "Cathode Ray," 453, Dec.
 Padding Inductor. 125, Apr.
 PERSON MALITIES: Allen, C. G., 100, Mar.; Appleton, Sir Edward, 181, May; 264, July, 440, Dec.; Baker, H. W., 181, May; Brown, L. W., 204, July; Burghley, Lord, 100, Mar.; Burnett, R. E., 264, July; Chadder, E. G., 181, May; Drewe, E. C., 318, Sept.; Edwards, B. J., 17, Jan.; Eapley, D. C., 264, July; Hall, M. H., 264 July; Holman, J. Vivian, 441, Dec.; Hotine Leslie, 17, Jan.; Jackson, Prof. Willis, 292, Aug.; Jeffcock, J. P., 17, Jan.; Kirke, H. L., 318. Sept.; Lockspeiser, Sir Ben. 203, July; Maun, Air Cundr, W. E. G., 17, Jau.; Monson, A. P., 181, May; Moullin, Prof. E. B., 181, May; Nicholls, Major-Gen. L. B., 181, May; Nicholls, Major-Gen. L. B., 181, May; Porter, Prof. Arthur, 100, Mar.; Prince, Major H. S., 441, Dec.; Rantzen, H. B., 141, Apr.; Read, Col. A. H., 141, Apr.; Reith. Lord, 221, June; Sharp, P. E. M., 17, Jan.; Smith, C. Holt, 100, Mar.; Sullivan, R. W. J., 17, Jan.; Townsend, Hugh, 17, Jan.; Voigt, P. G. A. H., 181, May; Sharp, P. E. M., 17, Jan.; Smith, C. Holt, 100, Mar.; Wilians, F., 181, May; Wilson, W. Proetor, 318, Sept.; Wright, G. M., 264, 304; Wonk, R., T. B., 318, Sept.
 Phase-Shirt Oscillators, by W. G. Raistrick, 409, Nov.
 Philips Projection Television : Test Report, 101, Bar, Pack

- Phase-Shift Oscillators, by W. G. Raistrick, 409, Nov.
 Philips Projection Television: Test Report, 365, Oct.; (Correspondence), 463, Dec.
 Photo-electronic Relay. Electronic Instru-ments, 34, Jan.
 Photonicrography (Correspondence), 36, Jan.
 Physical Society's Exhibition, 100, Mar.; 141, Apr.; 171, May; (Correspondence), 239, June
 Pickup Design (Correspondence), 36, Jan.; 76, Feb.; 238, June; 269, July; 301, Aug.; 338, Sept.
 Input Circuits, by R. L. West and S. Kelly, 386, Nov.
 Planning Television Extensions (Editorial), 1, Jan.
 Ping and Socket, Breeze, Plessey, 419, Nov. Post Office and Licences (Editorial), 201, June

- June
- Dune Power Supplies, A.C./D.C.-Battery. by L. Miller, 31, Jan.; (Correction), 60, Feb.; (Correspondence), 77, Feb.; 115, Mar. Pre-Amplifier Circuit (Correspondence), 238,
- Pre-Amplifiers, Television, G.E.C., 240, June Preferred-Value Attenuators, by E. W. Berth-Jones, 71, Feb.; (Correction),

- Berth-Jones, 11, 1999, 100 151, Apr. Preferred Valves (Correspondence), 301, Aug. Projection v. Direct-Viewing Television, I.E. Discussion, 340d, Oct. Pulse Communication, Narrow-Band, by Thomas Roddam. 202, June Pye & Murphy form Link Sound and Vision Ltd. (News), 141, Apr.

"Q" Priority (Correspondence), 199, May

- Surrenders Trade Names (News), R.C.A.
- 359, Oct.
 R.C.E.E.A. Report (News), 101. Mar.
 RC-Bridge, Wide Range, by H. E. Styles, 88, Mar.; (Correspondence), 302, Aug
- RC Circuits at Low Frequencies, Sclective, : Electronic Circuitry, 223, June RC Oscillators, by "Cathode Ray," 331,
- Sept. R.E.C.M.F. Annual Report (News), 180, May

- Record for A.F. Response Curve, 414, Nov. 4

- R.F. Air-Spaced Cables, Transradio, 34, lan.
- Jan. Cables, Impedance of, by "Cathode Ray," 251. July Cables, Standing Waveson, by "Cathode Ray," 283, Aug. Tuning Indicator, Mullard GFE506/X, S0. Feb
- Tuning Indicator, Mullard GFE506/X 80, Feb.
 R.S.G.B. Exhibition, 12, Jan.; 340b, Oct. 433, Dec.
 National Field Day, 141, Apr.
 New Officers (News), 101, Mar.
 and Television Interference, 260, July
 T.F.B. Examination Results (News)

- and Television Interference, 260, July
 R.T.E.B. Examination Results (News), 399, Nov.
 Radar Cloud Detector, 459, Doc.
 Reporting Unit Formed, R.A.F., (News), 291, Aug.
 Radiation Monitor, Mullard GME501/X, 80, Feb.
 Radio Control of Cranes (News) 265, July

- Feb.
 Radio Control of Cranes (News), 265, July
 Exports (Correspondence), 75, Feb.
 in Germany, 418, Nov.
 Industries Club Officers (News), 221,
- June
- June Radiotelephone, Plessey PTR6, 153, Apr. RANDOM RADIATIONS. by Diallist," 38, Jan.; 78, Feb.; 118, Mar.; 160, Apr.; 200, May; 237, June; 272, July; 304, Aug.; 340, Sept.; 380, Oct.; 424, Nov.; 466, Dec. Record Inventions, 40, Jan. Record and Stylus Wear, by G. H. H. Wood. 245, July; (Correspondence), 337. Sept.
- Sept.
- Changer, K.F., 34, Jan.; (Correction), 52,

- Changer, K.F., 34, Jan.; (Correction), 52, Feb.
 Recording Air Traffic Control Telephony, 323, Sept.
 Records, E.M.I. Policy, 340b, Oct.
 Reducing Drift in D.C. Amplifiers: Elec-tronic Circuitry, 293, Aug.; 350, Oct.
 Television Interference (Correspondence), 298 Sout
- 338, Sept. Relays, Miniature, Engel & Gibbs, 196, May Remote Control for Trolleybus Points, 113. Mar
- Re-Shuffling Europe's Frequencies, 130,
- Apr. Resistor Colour Coding (Correspondence), 421, Nov. Responder Beacon, Flight Refuelling, 74, Feb.
- Rutherford Memorial (News), 440, Dec.

SCOTTISH Television (News), 359, Oct. Screening, by "Cathode Ray," 211, June Self-Tuning Car Radio, 435, Dec. Service Technicians' Wages (News), 57, Feb. Servograph Recorder, Fielden, 244, July Short-Wave Broadcasting Conference (News),

- Short-Wave Broadcasting Conference (News), 140, Apr.
 Hort-WAVE CONDITIONS, by T. W. Bennington, 37, Jan.; 56, Feb.; 98, Mar.; 131, Apr.; 170, May; 205, June; 262, July; 295, Aug.; 330, Sept.; 340c, 352, Oct.; 391, Nov.
 Signal Generator, Pennine Amplifiers T/1 Andio, 196, May
 Simple Cathode-Ray Oscilloscope, by M. G. Scroggie, 82, Mar.
 Valve Voltmeter, by S. W. Amos, 430, Dec.
 Decardon, B.B.C. Rescarch, 461,

- Speech and Music, B.B.C. Research, 461,
- Dec. Speech and Music, B.B.C. Research, 461, Dec. Soft-Soldering Technique, Modern, by R. W. Hallows, 217, June Soldering Iron for Aluminium, Mullard Er587, 79, Feb. Iron, Wolf Electric, 153, Apr. Solving Parallel Problems, by D. A. Pollock, 107, Mar.; (Correspondence), 158, Apr. Speed Nut, Simmonds Aerocessories, 151, Apr. Standard Weston Cell, Muirhead, 33, Jan. Frequencies (News), 58, Feb.; 99, Mar. Frequencies, Nov. Standling Waves on R.F. Cables, by "Cathode Ray," 283, Ang. Stereophonic Broadcasting, by E. Aisberg, 327, Sept.; (Correspondence), 116, Mar.; 158, Apr.; 421, Nov.; (Editorial), 381, Nov.; (News), 265, July

July Student Exchange, I.A.E.S.T.E. (News), 399, Nov.

- Studying Television (Editorial), 201, June Stylus Wear, Record and, by G. H. H. Wool, 245, July; (Correspondence), 337, Sept.
- Sub-Miniature Valves, by C. C. Gee, 46,
- Feb. Superhet Radiation (Correspondence), 302,
- Aug.; 378, Oct. Sutton Coldfield Television Area Map, 266, Luly

- Station, 42, Feb.

- T.I.D.U. Change of Address (News), 221, June
- June
 T-Match Television Aerial, by B. Mayson, 6, Jan.; (Correspondence), 117, Mar.
 Television Aerial to Receiver, by F. R. W. Stratford, 296, Aug.
 Aerials (News), 57, Feb.; (Editorial), 81, Mar.; (Correspondence), 270, July; 378, Oct.
- 378, Oct.
 Camera Cable. Telcon, 267, July
 Tubes, Image Orthicon, 142, May
 Curious Effect (Correspondence), 198, May 302, Aug.
 Focus Units. Haynes Radio PM15A and PM20A, 267, July
 Frequencies, Holme Moss and Larkhill
 Correspondence), 199, Mag.
- (News), 140, Apr. from France, by M. J. L. Pulling, 353, Oct.
- Oct. H Dipole, G.E.C., 240, June Interference, by A. L. Parsons, 192, May with S.B.A. (News). 58, Feb. Isolationism (*Editorial*). 273, Aug. Monitors, by J. E. B. Jacob, 206, June O.B. Links, I.E.E. Discussion, 191, May on 25 c/s Mains (*Correspondence*), 116, Mar

- on 25 Mar. Pattern Generator, Murphy TPG11, 80,

- Pattern Generator, Murphy TPG11, 80, Feb. Pre-Amplifiers, Ekco, 153, Apr. Receiver, English Electric, 20, Jan. Murphy V176C, 33, Jan. Receivers Sales (News), 16, Jan. Receivers, Ferranti T1405 and T1505, 419, Nov. Recording, B.B.C., 23, Jan. Relay Loss? (Correspondence), 465, Dec.
- Relay Loss : (Correspondence), 403, Dec.
 Spot Wobble, by R. W. Hallows, 84, Mar.; T. C. Nuttall, 189, May; (Correspondence), 197, May; 270, July; 337, Sept.

- Television Standards, Cholce of, 249, July for Europe (*Editorial*), 161, May; (*News*), 180, Apr. Station Converter, Spencer West AC/4, 240, June
- 240, June ________, Sphere Radio, 240, June _______, Sphere Radio, 240, June _______, Yalves, Mullard Noval ELC80 and EF80, 195, May Vibrator Units, Valradio, 267, July Visor (Correspondence), 464, Dec. Terminal Terminology (Correspondence), 198,
- May
- May Test Records, B.S.R.A., 286, Aug. Thanes Gas Board Radio Communication System Frequencies (*News*), 221, June Thames Radio Service, 215, June Thorn Gramophone Needles, by A. M. Pollock, 450, Dec. Time Base, Stable C.R.O.; Electronic Cir-cuitry, 108, Mar. Tolerances and Errors, by "Cathode Ray," 403, Nov.

- 403, Nov. Kit. Wolf Electric Multi-Purpose,
- Tool Kit. Wolf Electric Multi-Purpose, 240, June Training Service Men, R.I.C. Scheme. (News),
- Training Service Men, R.I.C. Scheme. (News), 291, Aug.
 Transducer Valve, R.C.A. Mechano-Electronic, 295, Aug.
 Transients and Loudspeaker Damping, by J. Moir, 166, May
 Transmission through Tunnels, by J. B. Lovell Foot, 456, Dec.
 Trends in Components, R.E.C.M.F. Exhibi-tion 2920 Line 2920 Line 2020 L

- Tuning by Variable Filters, by A. B. Shone, 355, Oct. ; 393, Nov.

- U.E.R. New Bulletin (News), 263, July
 U.I.R. and O.I.R. (News), 57, Feb.; 140, Apr.
 U.R.S.I. (International Scientific Radio Union) Meeting (News), 317, Sept.
 U.S. Colour Television. 340a, 367. Oct.; 458. Dec.; (News), 359, Oct.; 439 Dec.; Article, by A. Dinsdale, 443, Dec. Ultrasonic Generator, Murphy Radio (News),
- Ultrasonic Generator, Murphy Radio (Neves), 360, Oct.
 Ultrasupersonics (Correspondence). 157, Apr.
 UNBIASED, by "Free Grid." 30, Jan.; 66, Feb.; 114, Mar.; 152, Apr.; 194, May; 236, June; 268, July; 300, Aug.; 336, Sept.; 376, Oct.; 420, Nov.; 462, Dec.
 Unusual Ionospheric Storm, 131, Apr.

CLASSIFIED INDEX

- V.H.F. Harbour Communications, 277, Aug.
 Mobile Communications (Correspondence), 377, Oct.
 Transmitter, Plessey PT10, 196, May
 V.O.R. at London Airport (News), 359, Oct.
 Valve Containers, G.E.C. Sealed, 52, Feb.

- Price Increase (News), 359, Oct Symbols (Editorial), 381, Nov.
- Types (Correspondence), 35, Jan.; 198, May
- Voltmeter, Electronic Instruments Pre-cision, 120, Mar.
- Simple, by S. W. Amos, 430, Dec.

- Simple, by S. W. Amos, 430, Dec.
 Volt-Ohm Meter, Mullard, 154, Apr.
 Valves, Mullard Hearing Aid DF66, DL66, 34, Jan.
 Variable Filter Tuning, by A. B. Shone, 355, Oct.; 393, Nov.
 Vicissitudes of "Electronics" (*Editorial*), 41, Feb.
 Voltage, by "Cathode Ray," 453, Dec.
 Voltmeter, Potentialities of: Measurements with Simple Apparatus, by Donald Robinson, 320, Sept.
 VUL" Meter, Taylor Instruments, 153, App.
- "VU" Meter, Taylor Instruments, 153, Apr
- WATERING (Correspondence), 75, Feb.,
- Waveguide Tubing, Johnson Matthey, 33, Jan

- Jan.
 Weather Broadcasts (Editorials), 241, July, 340a, Oct.; 425, Dec.; (Correspon-dence), 269, July; 377, Oct.
 Welsh Television Site (News), 441. Dec.
 Wide Range RC Bridge, by H. E. Styles, 88, Mar.; (Correspondence), 302, Aug.; Pre-Amplifier Circuit (Correspondence), 238, June
 Wired Television (News), 221, June
 Wirel Television Receiver (Corres-pondence), 197, May
 Wobbulator Design., by H. G. Scroggie, 369,

- Wobbulator Design, by M. G. Scroggie, 369,
- 17, Jan.; (Correspondence), 116, Mar.; 158. Apr.
- Television ? (News). 291, Aug.; 359; Oct.

MANUFACTURERS' PRODUCTS

Acoustical Manufacturing Co's Corner Ribbon Loudspeaker, 11. Jan. Manufacturing Co's "Quad" Amplifier,

372. Oct. Addison Electric Cable Eccentricity Gauge, 240. June

240. June Allen Radio Badlette Extension Speakers, 267. July Ardente 360 and 660 Amplifers, 196, May Boncoerd Micropak Hearing Aid, 34, Jan. British Distributing Co. Miniature Three-Range Coil Pack, 419, Nov. Broadcast and Acoustic Equipment Co's Quality Amplifiers, 419, Nov. Bulgin Crocodile Clips, 154, Apr. Lynition Interference Suppressors, 120, Mar.

Mar. Knobs for Television, 240, June

July

May

33. Jan.

noos for relevision, 240, June
 Bush. All-Station Television Receivers, Test Report, 259, July
 Denco DCR19 Communications Receiver: Test Report, 50, Feb.
 E.M.I. Records Policy, 340b, Oct.
 Ekco A100 Superhet Export Receiver, 267, July

ARG90 Export Radio Gramophone, 267, July

Radar Cloud Detector, 459, Dec. Radio-Television TRC124 Console, 195,

Instruments Precision Valve Voltmeter, 120, Mar.

— Television Pre-Amplifiers, 153, Apr. Electronic Instruments, Photo-Electronic Relay, 34, Jan.

Electrosound Supplies Portable Recorder,

Engel & Gibbs Miniature Relays, 196, May

(All entries except Books, Illustrations and Authors also appear in the General Index.)

AERIALS

- Aerial Feeder Connections, by W. T. Cocking, 426, Dec
- 426, Dec. Restrictions (Editorial), 81, Mar. From Television Aerial to Receiver, by P. R. W. Strafford, 296, Aug. Marine (communal Aerials, 73, Feb. T-Match Television Aerials, by B. Mayson, 6, Jan.; (Correspondence), 117, Mar. Television Aerials (Correspondence), 270, July; 378, Oct.

CIRCUITRY

- CIRCUITRY Coupling Condenser, by "Cathode Ray," 361, Oct.; (Correspondence), 464, Dec. Couplings in D.C. Amplihers: Electronic Circuitry, 21, Jan. D.C. Amplihers, Reducing Drift in : Elec-tronic Circuitry, 293, Aug.; 350, Oct. Filters, by "Cathode Ray," 25, Jan.; 61, Feb.; (Correction), 92, Mar. Jine-Scan Current Generator : New Scan-ning Circuit, by P. R. J. Court. 287, Aug.

- Aug. Negative Feedback, by E. Griffiths, 111, Mar. Phase-Shift Oscillators, by W. G. Raistrick,
- 409, Nov. RC Circuits at Low Frequencies, Selective: Electronic Circuitry, 223, June RC Oscillators, by "Cathode Ray," 331,
- Sept. Variable Filter Tuning, by A. B. Shone, 355, Oct.; 393, Nov.

DESIGN

A.C./D.C. Battery Power Supplies, by L. Miller, 31, Jan.; (Correction), 60.
 Feb.; (Correspondence), 77, Feb.; 115, Mar.

- Band-Pass Converters, by H.B. Dent, 373, Oct. Battery Set, Economical, by L. Thomas, 188, May Cathode-Ray Oscilloscope, Simple, by M. G.
- Cathode-Ray Oscilloscope, Simple, by M. G. Scroggie, 82. Mar.
 D.C. Amplifiers, Couplings in : Electronic Circuitry, 21, Jan.
 High-Quality Amplifier, by D. T. N. Williamson, 24, Jan.; (Correspondence), 302. Aug.; Pre-Amplifier Circuit (Correspondence) 238. June
 Improving a Londspeaker, by C. P.

Improving a Loudspeaker, by C. P. Brocklesby, 201, July Midget Three-Valve A.C. Mains Receiver, by S. W. Amos. 68, Feb. Padding Inductor, 125, Apr. Pre-Amplifier Circuit (Correspondence), 238, June

Pre-Amplitude Attenuators, by E. W. Berth-Jones, 71, Feb.; (Correction),

Valve Voltmeter, Simple, by S. W. Amos, 4300 For Wilde Range RC Bridge, by B. W. Amos, 430, Dec. Wide-Range RC Bridge, by H. E. Styles, 88, Mar.; (Correspondence), 302, Aug. Wireless World Television Receiver (Corre-

Williamson Amplither, 24, Jan.; (Correspondence), 197, May
 Williamson Amplither, 24, Jan.; (Correspondence), 238 June; 302, Aug.
 Wobbulator Design, by M. G. Seroggie, 369,

ELECTRONICS

Amplifiers for Cardiography, by B. J. Shelley, 227, June Harwell Linear Accelerator (News), 220, June Operating Trolleybus Points, 113, Mar. RC Oscillators, by "Cathode Ray," 331, Sept. "Electronics" 41 Feb

Vicissitudes of " Electronics," 41, Feb. 5

Oet.

- English Electric 1550 Television Receiver, 20, Jan.
 Terranti T1405 and T1505 Television Receivers, 419, Nov.
 Fielden Servograph Recorder, 244, July
 Flight Refnelling Responder Beacon, 74, Feb.
 G.E.C. BT 161/L and BT 161/M Television Pre-Amplifiers, 240, June
 Dielectric Heating Oven, 195, May
 Scaled Valve Containers, 52, Feb.
 Television H Dipole, 240, June
 BT150 and BT151 Television Inter-ference Inverters, 240, June
 Haynes Radio PM15A and PM20A Television Focus Units, 267, July
 May Scaled Changer, 34, Jan.; (Correction), 52, Feb.

- Labgear Electronic Relay, 267, July Marconi Equipment, Thames Radio Service,
- Marconi Equipment, Thames Radio Service, 215, June
 V.H.F. Airport Radio (News), 16, Jan.
 Marconiphone ARG23AE Auto-Radiogram. 195 May
 Muirhead Facsimile Equipment, 254, July
 Standard Weston Cell, 33, Jan.
 Mullard Autoselector (News), 222, June
 Cathode-Ray Tube for P.P.I., 267, July
 Disc Scal Triode, 120, Mar.
 F7587 Soldering Iron for Aluminium, 79, Feb.

- E7587 Somering from for Annumenta, 79, Feb. EL('80 and EF80 Noval Television Valves, 195, May GFE506/X R.F. Tuning Indicator, 80, Ect.

- GF E506/X R.F. Tuning Indicator, 80, Feb.
 GME501/X Radiation Monitor, 80, Feb.
 Hearing Aid Valves, 34, Jan.
 Sub-miniature Valves, 46, Feb.
 Valve Volt-Ohm Meter, 154, Apr.
 Murphy Radio Ultrasonic Generator (News), 360, Oct.
 TPG11 Television Pattern Generator, so Kab.
- 80, Feb. V150 Television Set : Test Report, 133,

- V150 Television Set: Test Report, 133, Apr.
 Murphy V176C Television Receiver, 33, Jan.
 Pennine Amplifiers T/1 Audio Signal Gene-ing Tator, 196, May
 "Phase-In" Cabinet Loudspeaker, 120, Mar.
 Philips ET101 Hospital Radio, 196, May
 600A Projection Television: Test Report, 365, Oct.; (Correspondence), 463, Dec.
 Plesson Reneys Plug and Socket 410 Nov.
- 403, Dec. Plessoy Breeze Plug and Socket, 419, Nov. Coaxial Cable Connector, 153, Apr. F.M. Transmitter-Receiver for Motor
- PT.B. TRANSMITTER RECEIVER for MOtor
 Cycles, 318, Sept.
 PT10 V.H.F. Transmitter, 196, May
 PTR6 Radio-Telephone, 153, Apr.
 Pye Equipment, Thames Radio Service, 215,
- fune
- 200 Black Screen Television Receiver, 298, Aug. Colour Television (News), 221 June;
- LV30 Black Screen relevision freedering, 298, Aug.
 Colour Television (News), 221 June; 265, July
 R.C.A. High-Power Transmitting Valve, 226, June
 Runbaken TV Testascope, 267, July
 Simmonds Spire Nut. 151, Apr.
 S.T.C. Miniature Rectifiers, 33, Jan.
 Small Electric Motors Two-Speed Gramophone Motor, 419, Nov.
 Sphere Radio S.C. " 88," Television Station Converter, 240, June
 Spencer West AC 4 Television Station Converter, 240, June
 Tannoy Installation, House of Commons. 398, Nov.
 Taylor Electrical High-Voltage Adaptor, 419, Nov.

- Taylor Electrical High-Voltage Adaptor, 419. Nov.
 Moving-Iron Meters. 34, Jan.
 Moving-Iron Meters. 35, Apr.
 Teleon Television Camera Cable, 267, July Transradio R.F. Cables, 34, Jan.
 Yalradio Television Vibrator Units, 267, July Ventex Loudspeaker Cabinets. 154, Apr. Mathematical Concentric Duplex mitter (News), 16, Jan.
 Whiteley Electrical Concentric Duplex Loudspeaker, 74, Feb.
 Wolf Electric Multi-Purpose Tool Kit, 240, June
- - June Soldering Irons, 153, Apr.

MISCELLANEOUS

- Beacon Interference (Correspondence), 35,

- Beacon Interference (Correspondence), 35, Jan.
 Car Radio, Self-Tuning, 435, Dec.
 Circuit Diagrams (Correspondence), 464, Dec.
 Barth, by "Cathode Ray." 103, Mar.
 Basing Impedance Calculations, by M. G.
 Scroggie, 19, Jan.; (Correspondence), 76, Feb.

- Electrolytics, Life of (Correspondence), 271,
- July July Impedance of R.F. Cables, by "Cathode Ray," 251, July Interference from Fluorescent Tubes, by "Diallist," 93, Mar. Iron-Cored Inductance, by "Cathode Ray,"
- 143, Apr. Liverpool Harbour Communications, 277,

- Liverpool Harbour Communications. 277, Aug.
 Modern Soft Soldering Technique, by R. W. Hallovs, 217, June
 Montering Airways Radio, 335, Sept.
 Nomenclature (Correspondence), 338, Sept.
 Nomenclature (Correspondence), 338, Sept.
 Ohm's Law of Electrostatics, by "Cathode Ray," 183, May
 Screening, by "Cathode Ray," 211, June
 Solving Parallel Problems, by D. A. Pollock, 107, Mar.; (Correspondence), 158, Apr.
 Standardized Components, Admiralty Trans-formers, 385, Nov.
 Standing Waves on R.F. Cables, by "Cathode Ray," 283, Aug.
 Superhet Radiation (Correspondence), 302, Aug.; 378, Oct.
 Ultrasupersonics ("Correspondence), 157, Apr.
 Voltage, by" Cathode Ray," 453, Dec.

MODULATION

- A.M. and F.M. Tests (Editorial), 305, Sept. ; 340a, Oct. : (Correspondence), 377, Oct.
 Narrow-Band Pulse (communication, by Thomas Roddam, 202, June
 V.H.F. Mobile Communications (Correspondence), 377, Oct.

ORGANIZATION

- ORGANIZATION A.M. and F.M. Tests (Editorial), 305, Sept.; 340a, Oct.; (Correspondence), 377, Oct. Academic Qualifications (Correspondence), 35, Jan.; 76, Feb. Airmet, Restoring (Editorials), 241, July; 340a, Oct.; 425, Dec.; (Correspon-dence), 269, July; 377, Oct. Air-Sea Rescue Up-to-Date, by Basil R. Clarke, 67, Feb. Amateur Exhibition, R.S.G.B., 12, Jan. American Insularity, by O.S. Puckle, 110. Mar.; (Correspondence) 238, June; 270, Aug.; 422, Nov. B.B.C. Droitwich and Norwich Trans-mitters Increase Power (News), 292. Aug.

- Aug. Aug. Labour Saving (*News*), 100, Mar. New Governors (*News*), 58, Feb. Glasgow Transmitter (*News*), 59, Teb.
- Liverpool Transmitter (News)

- Ten.
 Liverpool Transmitter (News), 101, Mar.
 Staff Changes (News), 181, May; 318, Sept.; 399, Nov.
 Too Many Bosses ? (Editorial), 381, Nov.
 B.R.E.M.A. Television Sales (News), 16, Jan.
 Report (News), 140, Apr.
 B.S.R.A. New Officers (News), 265, July
 B.V.A. Otticers (News), 318, Sept.
 Brit.I.R.E. Presidential Address, 406.
 Nov.
 Broadcasting Committee Enquiry (News), 99, Mar.; 317, Sept.
 in America. 138, Apr.
 Monopoly (Editorial), 121, Apr.
 C.C.I.R. Adopt 625-Line System (News), 317, Sept.; 399, Nov.
 Choice of Television Standards, 249, July
 Conference (Editorial), 161, May
- July Conference (Editorial), 161, May Visit (News), 180, May; 214, June; 263, July; (Editorial), 201, June. Civil A viation Radio, S.B.A.C. Exhibition. 368, Oct. Copenhagen Plan for Europe (News), 57, Feb.; 99, Mar; 180, May; 263, July; Introduction of Plan. 130, Apr. E.JLF. Broadcasting, German, (News), 220 June
- June
- E.M.I. Scholarships (News), 399, Nov. European Broadcasting Union (News), 140.

- European Broadcasting Union (News), 140. Apr.
 Festival Amateur Station (News), 439, Dec.
 Preuch Scientific Instruments Exhibition. 59, Eeb.; 146, Apr.
 German Amateurs, List of Call Signs, (News), 182, May
 Greenwich Time Signal (News), 400, Nov.
 High-Frequency Broadcasting Conference (News), 140, Apr.
 L.E.E. and Engineers' Guild (News), 101, Mar.
 Council and Radio Section Committee (News), 399, Nov.
 Radio Section Chairman's Address (News), 399, Nov.
 Student Section's Chairman (News), 441, Dec.
- Dec 6

I.E.E. Wireless Telegraphy Bill Advisory Committee (News), 317, Sept.
 I.T.U. Conference, Hague, (News), 291, Aug.; 318, Sept.; 399, Nov.
 Interference Suppression Advisory Committee (News), 317. Sept.
 International Scientific Radio Union Meeting (News), 217, Sept.

301, Aug. Morse, News in, (News), 180, May; 400, Nov. National Television Fund (News), 17, Jan. Nomenclature (Correspondence), 423, Nov. Ocean Weather Ships Call Signs (News), 441,

Dec. Planning Television Extensions (Editorial), 1, Jan. Post Office ant Licences (Editorial), 201, June

R.C.A. Surrenders Trade Names (News), 359. Oct. R.E.C.M.F. Annual Report (News), 180, May — New Officers, 265. July R.T.E.B. Examination Results (News), 399.

Radar Reporting Unit Formed (News), 291, Aug. Radio Exports (Correspondence). 75, Feb. Radio Industries Club Officers (News), 221,

Radio Exports (Correspondence), 75, Feb.
Radio Industries Club Officers (News), 221, June
Resistor Colour Coding (Correspondence), 421, Nov.
Service Technician's Wages (News), 57, Feb.
Standard Frequencies (News), 58, Feb.; 99, Mar.;
Standard Frequency Transmissions, by A. Graham Thomson, 137, Apr.
Television Standards for Europe (Editorial), 161, May; (News), 180, Apr.
Thames Radio Service, 215, June
Trends in Components, R. E.C.M.F. Exhibi-tion, 229, June
Weather Broadcasts (Editorials), 241, July; 340a, Oct.; 425, Dec.: (Correspon-dence), 269, July; 377, Oct.
Wireloss Telegraphy Act. Advisory Com-mittee (News), 317, Sept.
Wrotham E.H.F. Tests (Editorials), 305, Sept.; 340a, Oct.; (Correspondence), 377, Oct.

PROPAGATION

PROPAGATION
Communications on 460 Me/s, by E. G. Hauner, 412, Nov.
Heaviside and his Layer, by Sir Edward Appleton, 187, May
Ionosphere Disturbances, WWV Trans-missions (News), 16, Jan.
Review: 1949, by T. W. Bennington, 53, Feb.
Long Range Television, by T. W. Bennington and R. Morris, 407, Nov.; Correction (News), 440, Dec.
Standard Frequencies, U.K. (News), 58, Feb.; 99, Mar.
Transmission through Tunnels, by J. B. Lovell Foot, 456, Dec.
Unusual Ionospheric Storm, 131, Apr.

RADIOLOCATION Marine Radar Film (*News*), 16, Jan. Radar Cloud Detector, 459, Dec. SOUND REPRODUCTION

B.S.R.A. Exhibition, 255. July
Broadcast Volume Levels (Correspondence), 198, May
Gramophone Speed Conversion, by R. L. West, 325, Sept.
Hearing Aid Design, by A. Poliakoff, 274,

West, acd, acd, acd, by A. Poliakoff, 274, Aug.
Hearing Aid Design, by A. Poliakoff, 274, Aug.
Hearing Aids, American, by A. Dinsdale, 2, Jau.; (Correspondence), 76, Feb.
High Quality Reproduction. B.S.R.A. Discussion, 132, Apr.; (Correspondence), 238, June; 209 July; 307, Aug.; 338, Sept.
House of Commons S.R.E. 398, Nov.
Intermodulation Distortion, by Thomas Roddam, 122, Apr.
Londspeaker Cabinet Design, B.S.R.A. Deaper, 29, Jan.
Cohnet Design, D.E.L. Shorter, 382, Nov.; 436, Dec.
Korner Ribbou, 11 Jan.
Modifications, by C.F. Brockelsby, 261, July

July Measuring Bass Resonance (Correspondence); 463, Dec. More About Positive Feedback, by Thomas Roddam, 242, July

Low-Power Bro. 301, Aug.

Dec.

Nov

(News), 317, Sept. 'ower Broadcasting (('orrespondence),

- Output Impedance Control, by Thomas Roddam, 48 Feb.; (Correspondence), 116, Mar.; 155, Apr.
 Pickup Design (Correspondence), 36, Jan.; 76, Feb.; 238, June; 269, July; 301, Aug.; 338, Sept.
 Input Circuits, by R. L. West and S. Kelly, 386, Nov.
 Photomicrography (Correspondence), 36, Jan.
 Record and Stylus Wear, by G. H. H. Wood, 245, July; (Correspondence), 337, Sept.
 Recording Air Traffic Control Telephony.
- Recording Air Traffic Control Telephony, 323, Sept. Speech and Music, B.B.C. Research, 461, Dec.

- Dec.
 Bec.
 Reinforcement System, German, D.S.I.R., 106, Mar.
 Sterophonic Broadcasting, by E. Aisberg, 327, Sept.; (Correspondence), 116, Mar.; 158, Apr.; 421, Nov.; (Editorial), 381, Nov.; (Vews), 265, July.
 Test Records, B.S.R.A., 286, Aug.
 Thorn Gramophone Needles, by A. M. Pollock, 460 Dec.
 Transicuts and Loudspeaker Damping, by J. Moir, 166, May
 "Watering" (Correspondence), 75, Feb.

TELEVISION

- Amateur Television Transmitting Fre-quencies, 340b, Oct. Australian Television (News), 292, Aug.; 439, Dec. Auxiliaries to Television (Editorial), 81,

- Auxiliaries to Television (Editorial), 81, Mar.
 B.B.C. Television Progress (News), 99, Mar.
 Black Screen Television, Pyc, 298, Aug.
 Brazil's New Television Station Frequencies (News), 222, June
 British and American Television (Correspondence), 238, June; 270, July; 338, Sept.; 422, Nov.
 C.C.I.R. and Television (Editorials), 161, May; 201, June; (News), 180, May; 214, June; 263, July, 317, Sept.; 399, Nov.; Choice of Television Standards, 249, July
 Camera Tube Manufacture, 162, May
 Canadian Television (News), 222, June; 318, Sept.
 Colour Television, Pyc (News), 221, June 265, July
 L.S. 2406, 247, Oct.; 458, Dec.

- Colour Television, Pyc (News), 221, June 265, July
 U.S., 340a, 367, Oct.; 458, Dec.; (News), 359, Oct.; 439, Dec.; Article, by A. Dinsdale, 443, Dec.
 ('urious Effect (Correspondence), 198, May; 302, Aug.
 Danish Television Frequencies (News), 220, June
- Dansh Television Frequencies (News), 220, June
 Dark Screen Television, 417, Nov.
 Television Screens (Correspondence), 116, Mar.; 157, Apr.; 197, May
 Deflector Coll Characteristics, by W. T. Cocking, 95, Mar.; 147, Apr.; 176, Mar.; 147, Apr.; 176,
- May

- Cosmis, ob. Mat., 141, Apr., 110, May
 Dutch Television, (News), 141, Apr.
 E.H.T. Circuit (Correspondence), 463, Dec.
 Voltage, Raising, (Correspondence), 422, Nov.
 European Television Standards (Correspondence), 197, May
 Extending Television, Opening of Sutton Coldfield, 14, Jan.
 Field Strength and Receiver Sensitivity, by F. R. W. Strafford, 296, Aug.
 Flyback, E. H. T., by W. T. Cocking, 279, Aug.; 313, Sept.
 French Television (News), 100, Mar.; 182, May
- May
- Fringe-Area Television Map, 87, Mar.; 139, Apr. Gloucester Relay Television (*News*), 141.

- Gloncester Relay recented Apr. Growth of Television (*Editorial*), 41, Feb. Holme Moss and Larkhill Television Fre-quencies (*News*), 140, Apr. Hotel Television—British Relay Wireless (*News*), 400, Nov. Interference from Amateur Transmitters.
- Mar
- Mar. Inverters, G.E.C., 240, June , Television, by A. L. Parsons, 192, May
- May International Television Standards (News), 57, 60, Feb.; 263, July Italian Television Tests, 45, Feb. Large-Screen Television Demonstration (News), 220, June

- FIE-AUDIMET, ICREVISION, G.E.C., 240, June Projection v. Direct-Viewing Television, I.E.E. Discussion, 340d, Oct.
 Reducing Television Interference (Correspondence), 338, Sept.
 Scanning Circuit, New, by P. R. J. Conrt, 987 Aug.
- Scanning Circuit, 180%, 19, 287
 287, Aug.
 Scottish Television (News), 359, Oct.
 Spot Wobble, by R. W. Hallows, 84, Mar.;
 by T. C. Nuttall, 189, May; (Correspondence), 197, May; 270, July; 337,
- pondence), 197, May; 270, July; 337, Sept.
 T-Match Television Aerial, by B. Mayson, 6, Jan; (Correspondence), 117, Mar.
 Television Aerials (News), 57, Feb.; (Editor-ial), 81, Mar.
 Frequencies, Holme Moss and Larkhill
 Arrespondence, Appl. Appl.
- (News), 140, Apr. from France, by M. J. L. Pulling, 353, Oct. Interference with S.B.A. (News), 58,
- Interference Feb. Isolationism (*Editorial*), 273, Aug. Monitors, by J. E. B. Jacob, 206, June O B. Links, I.E.E. Discussion, 191, May on 25 c/s Mains (*Correspondence*), 116,
- on 25 c/s Mains (Correspondence), 116, Mar.
 Recording, B.B.C., 23, Jan.
 Relay Loss ? (Correspondence), 465, Dec.
 Sales (News), 16, Jan.
 Standards for Europe (Editorial) 161, May; (News), 180 Apr.
 Tests (Correspondence), 270, July
 Visor (Correspondence), 270, July
 Visor (Correspondence), 244, Dec.
 Wired Television Site (News), 221, June
 Wrotham Television ? (News), 291, Aug.; 359, Oct.

- 359, Oct.

TEST & MEASUREMENT

- E. R.A. Interference Measuring Set, 408, Nov. Hall Effect, 415, Nov.
 Measuring Bass Resonance (Correspondence), 463, Dec.
 Measurement with Simple Apparatus, by Donald Robinson, 320, Sept.
 New Bridge Technique, by Thomas Roddam, S. Jan

- Acw pringe recrimine, by rhomas Roddam, 8, Jan.
 O " Priority (Correspondence), 199, May Tolerances and Errors, by " ('athode Ray " 403, Nov.

TRANSMISSION

- A.M. and F.M. Tests (Editorial), 305, Sept.; 340a, Oct.; (Correspondence), 377,
- 340a, Oct.; (Correspondence), 377, Oct.
 Improved Stereophony, by E. Aisberg, 327, Sept.; (Correspondence), 116, Mar.; 158, Apr; 421, Nov.; (Editorial). 381, Nov.; (Neues), 265, July
 Thames Radio Service, 215, June
 Wrotham Experimental Transmitter (News), 17, Jan.; 291, Aug.; (Correspon-dence), 116, Mar.; 158, Apr.
- VALVES AND THERMIONICS

- Mains Receivers—"Warming up" (Corre-spondence), 302, Aug.; 378, Oct.;
- spondence). 302, Aug.; 378, Oct.; 464, Dec. Preferred Valves (Correspondence), 301, Aug. Sub-Miniature Valves, by C. C Gee, 46, Feb. Transducer Valve, Mechano-Electronic, R.C.A., 295, Aug. Valve Heaters (Correspondence), 302, Aug.; 378, Oct.; 464, Dec. Price Increase (News), 359, Oct. Symbols (Editorial), 381, Nov. Types (Correspondence), 35, Jan.; 198, May

BOOKS

- Accumulator Charging, W. S. Ibbetson, 70. Feb. Aerials for Centimetre Wavelengths, D. W. Fry and F. K. Goward (*Review*), 392,
- Nov.

- Nov. B.B.C 1949/50 Report, 411, Nov. B.B.C. Television Service, 182, May B.B.C. Year Book 1951, 440, Dec. British Broadcasting: A Study in Monopoly, R. H. Coase (Editorial), 121, Apr Broadcasting Year Book 1950 (News), 222,
- June of Radio Materials, RIC/1000/A, RIC/271/A, 72, Feb. Choice 7

Communication Circuit Fundamentals, Carl E. Smith (*Review*), 324, Sept.
 Consol—A Radio Aid to Navigation, Ministry of Civil Aviation (*News*), 221, June; 400, Nov.
 Elements of Sound Recording, John G. Prayne and Halley Wolfe (*Review*), \$ 125 Apr.

- Frayne and Halley Wolfe (*Review*), 125, Apr.
 Engineering Training for the Craftsmap and Professional Engineer, 359, Oct.
 Engineering Training for the Craftsmap and Professional Engineer, 359, Oct.
 Fugineers in the B.B.C., 340b, Oct.
 F.B.I. Register 1949/50, 101, Mar.; 1950/51, 438, Dec.
 Fundamental Radio Terms, B.S. 240: 1943, Supp. No. 3, 414, Nov.
 Glossary of Terms used in Radar, B.S. 240: 1947, Supp. No. 4, 414, Nov.
 Glossary of Terms used in Radar propagation, B.S. 240: 1943, Supp. No. 2, 414, Nov. Nov. Hearing Aids, N.I.D., 401, Nov. Heaviside Centenary Volume, I.E.E. (News).

Marine Interference Suppression B.S. 1597: 1949, 65, Feb. Measurement of a Time Constant of a Critically Damped Meter, S. F. Pearce,

Gritically Damped Meter, S. F. Pearce, 441, Dec.
N.P.L. and D.S.I.R. Reports, 442, Dec.
One Hundred Years of Submarine Cables, G. R. M. Garratt, 318, Sept.
Preferred Valves, S.I.M.A., 65, Feb.
R.C.A. Tube Data (News), 222, June
Radio Aerials, E. B. Moullin (Review), 70, Feb.
Radio Engineering, Vol. 2, E. K. Sandeman (Review), 10, Jan.
Radio Frequency Heating, L. Hartshorn (Review), 98, Mar.; (Correction), 142, Apr.

Radio Laboratory Handbook, 5th Edition,

Radio Laboratory Handbook, oth Edition, M. G. Scroggie, 416, Nov.
 Radio Servicing: Theory and Practice, Abraham Marcus (*Review*), 324, Sept.
 Recent Advances in Radio Receivers, 1. A. Moxon (*Review*), 193, May
 Short-Wave Radio and the Ionosphere, T. W.

Bennington, 129, Apr.
 Bennington, 129, Apr.
 Sound Reproduction, 2nd Edition, (i. A. Briggs (*leview*), 324, Sept.
 Speech Reinforcement Systems, German D.S.I.R., 106, Mar.
 Standard Solder, BS 219: 1949 (*News*), 58, Feb.

Feb.
Super-Regenerative Receivers, J. R. White-head (*Review*), 392, Nov.
Technical Instruction for Marine Radio Officers, H.M. Dowsett and L. M. Q. Walker, 429, Dec.
Television Aerials-Outdoor or Indoor? R.E.C.M.F., 265, July
Television Explained, 2nd Edition, W. E. Miller, 18, Jan.
Television in Your Home, W. E. Miller, 423, Nov.

Nov. Television Receiving Equipment, 3rd Edition, W T. Cocking, 440, Dec. Theory and Design of Inductance Coils, V. G. Welsby (*Review*), 449, Dec. Tilts in the Ionosphere, Radio Research Special Report No. 19, 65, Feb.

Transmitting Licence-or How to Become a Radio Amateur. R.S.G.B. (News), 59, Feb.

Vade Mecum, P. H. Brans, 258, July
 View Master Receiver, Midland Version
 (News), 102. Mar.; Pro-Amplifier, (News), 142, Apr.

Williamson Amplifer, 132, Apr. Wireless at Sea-The First Fifty Years, H. E. Hancock, 136, Apr. Wireless Servicing Manual, W. T. Cocking,

429, Dec. World-Radio Handbook for Listeners, O. Lund Johansen (News), 59, Feb.

Trader Year Book 1950, 265, July

Nov.

Apr.

Feb.

Nov.

ILLUSTRATIONS

AMATEUR Television Transmitter, 439, Dec. B.B.C. Delegates to Torquay Conference, 140,

Apr. "COMET" Radio (Marconi Installation), 401,

Nov. D.S.I.R. Electronic Computor, 440, Dec.

E.M.I. Institutes Laboratory, 221, June Echo-Free Room, G.E.C., 319, Sept. Electronic Photo-Engraver, 10, Jan.

FAROE Islands Aerial Arrays, 100, Mar. HEAVISIDE, Oliver, 187, May

IMAGE Orthicon Camera, 99, Mar.

JEFFCOCK, J. P., 17, Jan.

- MARCONI 10W v.h.f. Taxi Transmitter-Receiver, 7, Jan. Marine Radio 1904 Model, 136, Apr.
- O.B. CENTRAL Control Room, B.B.C., 220, June

PULLING, M. J., 58, Feb.

- RADIO-Controlled Motor Launch, 265, July —— Luxembourg's Mobile Recording Van, Van, 131, Apr.
- SUTTON Coldfield Service Area Maps, 43, Feb. ; 265, July

TELE-FILM Recording Camera, 101, Mar. TELES-FILM Recording Camera, 101, Mar. Televised Eve Operation, 317 Sept.
Television Aerials, New York, 57, Feb.
Maps, Proposed Stations, 14, Jan.; Fringe Area, 87, Mar.; 139, Apr.; Weish, 441, Dec.
O.B. Transmitters, Marconi, 411, Nov.

VALVES for B.B.C. Washford Transmitter, 264. July

WHITE City Site Model, B.B.C., 263, July

AUTHORS

AISBERG, E., 327, Sept. Amos, S. W., 68, Feb.; 430, Dec. Appleton, Sir Edward, 187, May

- Appleton, Sir Edward, 167, May
 BENNINGTON, T. W., 37, Jan.; 53, 56, Feb.; 98, Mar.; 131, Apr.; 170, May; 205, June; 262, July; 295, Aug.; 330, Sept.; 340c, 352, Oct.; 391, Nov.
 Bennington, T. W. and Morris, R., 407, Nov.
 Berth-Jones, E. W., 71, Feb.
 Brockelsby, C. F., 261, July
- CATHODE RAY, '25, Jan.; 61, Feb.; 103, Mar.; 143, Apr.; 183, May; 211, June; 251, July; 283, Aug.; 331, Sept.; 361. Oct.; 403, Nov.; 453, Dec.
 Clarke, Basil, R., 67, Feb.
 Cocking, W. T., 95, Mar.; 147, Apr.; 176, May; 279 Aug.; 313, Sept.; 426, Dec.
 Court, P. R. J., 287, Aug.

DENT, H. B., 373, Oct.
 Diallist," 38, Jan.; 78, Feb.; 93, 118, Mar.; 160, Apr.; 200, May; 237, June, 272, July; 304, Aug.; 340, Sept.; 380, Oct.; 424, Nov; 466, Dec.
 Dinsdale, A., 2, Jan.; 443, Dec.

Dinstar, R. J. and J. Sto, Dec.
 FOOT, J. B. Lovell, 456, Dec.
 Free Grid, "30, Jan.; 66, Feb.; 114, Mar.; 152, Apr.; 194, May; 236, June; 268, July; 300, Aug; 336, Sept.; 377, Oct.; 420, Nov.; 462, Dec.

GEE, C. C., 46, Feb.

Griffiths, E., 11, Mar.

HALLOWS, R. W., 84, Mar.; 217, June Hamer, E. G., 412, Nov.

- JACOB J. E. B., 206, June
- KELLY, S., with West, R. L., 386, Nov.

MAYSON, B., 6, Jan.

- Miller, L., 31, Jan. Moir, J., 166, May Morris, R., with Bennington, T. W., 407, Nov.

NUTTALL, T. C., 189, May

PARSONS, A. L., 192, May Poliakoff, A., 274, Aug. Poliock, A. M., 450, Dec. Poliock, D. A., 107, Mar. Polling, M. J. L., 353, Oct.

RAISTRICK. W. G., 409, Nov. Robinson, Donald, 320, Sept. Roddam, Thomas, 8, Jan.; 48, Feb.; 122, Apr.; 202, June; 242, July

Apr. ; 202. June ; 242. July SCROGGIE, M. G., 19, Jau.; 82, Mar. 126, Apr. ; 369, Oct. Shelley, B. J., 227, June Shone, A. B., 355, Oct. ; 393, Nov. Shorter, D. E. L., 382, Nov ; 436, Dec. Sowerby, J. McG., 19, Jan.; 108, Mar. 223, June ; 293, Ang. ; 350, Oct. Strafford, F. R. W., 296, Aug. Styles, H. E., 88, Mar.

THOMAS, L., 188. May Thomson, A. G., 137, Apr.

- WEST, R. L., 325, Sept. West, R. L., and Kelly, S., 386, Nov. Williamson, D. T. N., 24, Jan. Wood, G. H. H., 245, July

PRICE ONE SHILLING.