

## **GENERAL INDEX**

## Volume XVII

June 1944 to Dec. 1945

PROPRIETORS : -

HULTON PRESS, LTD., 43-44 SHOE LANE, LONDON, E.C.4

	1	Page
Abstracts of Electronic Literature		
40, 84, 128, 172, 216, 304, 348, 389, 430 568, 612, 656, 700	6, 482,	524
Admittance Coefficient, The	), 786,	836
Aerial Coupling Circuits (Data Sheets) 373 417	7 461	505
Aerials, Demonstrating the Properties of Ambrose Fleming, Sir	, 101,	800
Ambrose Fleming, Sir	491,	536
The function, for frequency		
236, 290, 335, 378, 429	), 470,	510
AMPLIFIERS-		
Balanced (letter) for Electrocardiography		
Hearing Aid, Negative Feedback in		293 450
Power, for Ink Recorders		
Power, for Ink Recorders RC. Coupled (Data Sheet) Analysis of D.C. Galvanometer Amplifier		<b>493</b> 593
		114
	556,	
Aniseikon, The	8, 538,	189
Applying Negative Feedback (Reference Chart)	o, əəə, 	770
Atomic Disintegration, History of		668
Audiometry, A note on		555
Balanced Amplifiers	107	610
Balanced Amplifiers Bases for Radio Valves, Glass	<b>49</b> 7,	
Beam Tetrode Theory, Space Charge and Elec	ctron	
Deflections in 541 Beat Frequency Oscillator, Design for a	1, 589,	644
Beat Frequency Oscillator, Design for a		252
BOOK REVIEWS-		
Electrolytic Capacitor, The Electromagnetics Electronic Equipment and Accessories Electronics-To-day and To-morrow Electrotherary	•••	834 433
Electronic Equipment and Accessories	••••	653
	•••	784 130
Electrotherapy		130
Fields and Waves in Modern Radio Foundations of Wireless		42
Guide to C.R. Tube Patterns	***	218 394
Handbook of Industrial Radiography Heaviside's Operational Calculus		210
Heaviside's Operational Calculus H.F. Transmission Lines Hyper- and Ultra-high Frequency Engineering Inductrial Electronic Control	····	478
Hyper- and Ultra-high Frequency Engineering Industrial Electronic Control Introduction to Electricity and Radio		741
Introduction to Electricity and Radio Introduction to Short Wave Therapy		86 702
Introduction to Short Wave Therapy Introduction to Valves	•••	302 784
Life of John Tyndall	••••	740
Life of John Tyndall		702 42
Physics of Music, The		174
Physics and Radio Plastics for Production	•••	302 350
Introduction to Electricity and Radio		42 478
Practical Wiring and Contracting		174
Life of John Tyndall		566 302
Radio Receivers and Transmitters Radio Service Test Gear Sound Film Projection		302 702
Sound Film Projection Symposium of Radiography Television for Everyman Waveform Analysis	•••	394
Television for Everyman Waveform Analysis		614 740
Waveform Analysis Bridge-Stabilised R.C. Oscillator, A		560
		140
Calculating Device, A Vector Calibrated Oscillograph, A New	•••	146 688
Capacitors, Glass-sealed		780
CATHODE RAY TUBE TRACES (Data Sheets)		
Pt. I. Lissajous' Figures 21, 65,		153
,, ,, Pulse Injection		153
,, ,, Errata		214
Pt. II. Straight Line Time Bases		426
The second se		329 377
Pt. III. Circular and Spiral Time Bases		723
Cathode Ray Universal Flight Attitude Instrument		229
Chronaxie Meter and Electronic Stimulator		26
Circuit Diagrams		546
Coil Testing, Simplified		785 329
,		

Cold Cathode Counter Control       9986         Components, Some Modern, and Accessories       209         Components, for Post-War Radio.       449         Components, for Northwar Radio.       449         Colour Television, Scanning Systems for       456         Concenting for Voltmeter Load       604         Consort Robertson Electronic       452         Correcting for Voltmeter Load       604         Cosort Robertson Electrocardiograph       384         Counters, Ceiger-Muller       405         Crystal, A New Type of Oscillating       648         Cup Electrode Technique in Electroencephalography       377         Circuits       390         Cathode-coupled Double Triode       34         Extension of Patents       349         Extension of Patents       340         Evenency Modulation       390         Gas filled Relays       521         H.F. Cooking       785         Identifying Components       170, 214         Lissajous' Figures       426         Photo cell Nomenclature       426         Photo cell Nomenclature       426         Photo cell Nomenclature       426         Self-testing Relays       170         Design for					
Comparator, Mervyn Reactance Alignment       473         Components, Some Modern, and Accessories       209         Components, Standards for       449         Cohour Television, Scanning Systems for       456         Condensers in Series Heater Circuits       452         Correcting for Voltmeter Load       604         Cossor-Robertson Electrocardiograph       384         Construction R.F.       476         Crystal, A New Type of Oscillating       648         Cup Electrode Technique in Electroencephalography       377         Circuits       172, 389, 482, 568, 612, 744         CORRESPONDENCE—         Amplifier Distortion       990         Cathode-coupled Double Triode       34         Extension of Patents       124         Frequency Modulation       785         Identifying Components       170, 214         Lissajous Figures       426         Self-testing Relays       170         O.C. Galvanometer Amplifier, Analysis of       114         Delay Network, Frequency Compensated       345         Design for Iron-Cored Transformers       676         Design for Iron-Cored Transformers       676         Design for Iron-Cored Transformers       676         Design	Cald Catheda Calder de Calder				
Components, Some Modern, and Accessories       209         Components, Standards for       449         Colour Television, Electronic       431         Colour Television, Scanning Systems for       456         Contrecting for Voltmeter Load       604         Cossor-Robertson Electrocardiograph       684         Counters, Ceiger-Muller       405         Crack Detector, R.F.       476         Cystal, A New Type of Oscillating       643         Cup Electrode Technique in Electroencephalography       377         Cracits       172, 389, 482, 568, 612, 744         CORRESPONDENCE       390         Cathode-coupled Double Triode       34         Electronic Music       124         Frequency Modulation       390         Cas filled Relays       521         H.F. Cooking       785         Identifying Components       170, 214         Lissajous Figures       426         Photo cell Nomenclature       426         Self-testing Relays       572         Design for Iron-Cored Transformers       676	Comparator Merun Posstores	1	***	•••	
Components, Standards for       449         Conjour Television, Electronic       140         Colour Television, Scanning Systems for       456         Condensers in Series Heater Circuits       452         Correcting for Voltmeter Load       604         Cossor. Robertson Electrocardiograph       384         Counters, Geiger-Muller       456         Correcting for Voltmeter Load       648         Construction       776         Crack Detector, R.F.       476         Crystal, A New Type of Oscillating       648         Cup Electrode Technique in Electroencephalography       377         Circuits-       390         Cathode-coupled Double Triode       344         Electronic Music       124         Frequency Modulation       3900         Cas filed Relays       521         H.F. Cooking       785         Identifying Components       170, 214         Lissajous Figures       426         Self-testing Relays       170         D.C. Galvanometer Amplifier, Analysis of       114         Delay Network, Frequency Oscillator.       252         Design for Iron-Cored Transformers       676         Design for Iron-Cored Transformers       676	Components, Some Modern and A	Consorios			
Components, Standards for	Components for Post-War Radio.	10003301103			
Colour Television, Electronic       140         Colour Television, Scanning Systems for       452         Conrecting for Voltmeter Load       604         Cossor-Robertson Electrocardiograph       384         Counters, Geiger-Muller       476         Cystal, A New Type of Oscillating       648         Cup Electrode Technique in Electroencephalography       377         Circuits       172, 389, 482, 568, 612, 744         CORRESPONDENCE       349         Abstracts       172, 389, 482, 568, 612, 744         Conde-coupled Double Triode       34         Electronic Music       124         Frequency Modulation       390         Cas filed Relays       521         H.F. Cooking       785         Identifying Components       170, 214         Lissajous' Figures       170         Poto cell Nomenclature       426         Self-testing Relays       522         Design for a Beat Frequency Compensated       345         Demonstrating the Properties of Aerials       800         Design for Power Amplifiers for Ink Recorders       493         Details in Complex Waveforms, Magnifying (Abstract)       640         Design of Power Amplifiers (Reference Chart)       646         Discove	Componenta Standanda for				
Colour Television, Scanning Systems for       452         Concensers in Series Heater Crouits       452         Correcting for Voltmeter Load       604         Cossor-Robertson Electrocardiograph       384         Counters, Geiger-Muller       405         Crack Detector, R.F.       406         Crystal, A New Type of Oscillating       648         Cup Electrode Technique in Electroencephalography       377         Circuits-       172, 389, 482, 568, 612, 744         CORRESPONDENCE-       390         Amplifier Distortion       390         Cathode-coupled Double Triode       34         Electronic Music       124         Frequency Modulation       390         Cas filled Relays       521         H.F. Cooking       785         Identifying Components       170, 214         Lissajous' Figures       426         Photo cell Nonmeclature       426         Photo cell Nonmeclature       426         Self-testing Relays       170         D.C. Galvanometer Amplifier, Analysis of       114         Design for a Beat Frequency Oscillator.       252         Design for Iron-Cored Transformers       676         Design of Power Amplifiers for Ink Recorders       493	Colours Polassisten Electronic				140
Correcting for Voltmeter Load					
Cossor-Robertson Electrocardiograph       384         Counters, Geiger-Muller       405         Crack Detector, R.F.       405         Crack Detectorde Technique in Electroencephalography       377         Circuits-       172, 389, 482, 568, 612, 744         CORRESPONDENCE-       390         Cathode-coupled Double Triode       34         Extension of Patents.       34         Electronic Music       124         Frequency Modulation       390         Gas filed Relays       521         H.F. Cooking       785         Identifying Components       170, 214         Lissajous' Figures       426         Photo cell Nomenclature       426         Photo cell Nomenclature       426         Self-testing Relays       170         Design for Inon-Cored Transformers       676         Design for Inseater Chrunit Diagrams       526			***	-	
Counters, Ceiger-Muller       405         Crack Detector, R. F.       476         Crystal, A New Type of Oscillating       648         Cup Electrode Technique in Electroencephalography       377         Circuits-       Abstracts       172, 389, 482, 568, 612, 744         Corners-         Amplifier Distortion       390         Cathode-coupled Double Triode       34         Extension of Patents.       34         Electronic Music       34         Frequency Modulation       390         Gas filled Relays       753         Identifying Components       170, 214         Lissajous' Figures       170, 214         Lissajous' Figures       426         Self-testing Relays       170         D.C. Galvanometer Amplifier, Analysis of       114         Delay Network, Frequency Oscillator.       252         Design for a Beat Frequency Oscillator.       252         Design for Inon-Cored Transformers       676         Dielectric Heating-Design Chart       635         see also February. 1946 issue, p.61       556, 606         Dielectric Heating-Design Chart       635         see also February. 1946 issue, p.61       556, 606         Direct Reading pH Meter					
Crask Detector, R.F	Counters, Geiger-Muller	ърн			
Crystal, A New Type of Oscillating	Crack Detector, R.F.				
Abstracts       172, 389, 482, 568, 612, 744         CORRESPONDENCE—       390         Cathode-coupled Double Triode       34         Extension of Patents.       34         Electronic Music       124         Frequency Modulation       390         Gas filled Relays       521         H.F. Cooking       785         Identifying Components       120, 214         Lissajous' Figures       426         Self-testing Relays       170, 214         Lissajous' Figures       426         Self-testing Relays       170         D.C. Galvanometer Amplifier, Analysis of       114         Delay Network, Frequency Compensated       345         Demonstrating the Properties of Aerials       800         Design for a Beat Frequency Oscillator.       252         Design for Power Amplifiers for Ink Recorders       493         Detached Contact Circuit Diagrams       326         Diagrams, Circuit       546         Dielectric Heating—Design Chart       635         see also February, 1946 issue, p.61       671         Distorted Sine Waves, Harmonic Analysis of       556, 606         Driving Push-pull Amplifiers (Reference Chart)       816         Dust-Free Electronic Equipment.	Crystal, A New Type of Oscillatin	g			
Abstracts       172, 389, 482, 568, 612, 744         CORRESPONDENCE       390         Amplifier Distortion       390         Extension of Patents       34         Extension of Patents       34         Electronic Music       124         Frequency Modulation       390         Cas filled Relays       521         H.F. Cooking       785         Identifying Components       170, 214         Lissajous' Figures       426         Photo cell Nomenclature       426         Self-testing Relays       170         D.C. Galvanometer Amplifier, Analysis of       114         Design for a Beat Frequency Compensated       345         Demonstrating the Properties of Aerials       800         Design for Iron-Cored Transformers       676         Design for Beat Frequency Oscillator       525         sea also February, 1946 issue, p.61       556         Discovery of X-Rays, The       755         Discovery of X-Rays, The       755         Distorted Sine Waves, Harmonic Analysis of       566	Cup Electrode Technique in Electro	roencephal	ograph	y	377
CORRESPONDENCE—       390         Amplifier Distortion       390         Cathode-coupled Double Triode       34         Extension of Patents.       34         Electronic Music       124         Frequency Modulation       390         Cas filled Relays       321         H.F. Cooking       785         Identifying Components       170, 214         Lissajous' Figures       426         Photo cell Nomenclature       426         Self-testing Relays       170         D.C. Galvanometer Amplifier, Analysis of       114         Design for a Beat Frequency Compensated       345         Demonstrating the Properties of Aerials       800         Design for Iron-Cored Transformers       676         Design for a Beat Frequency Oscillator.       252         Design for Iron-Cored Transformers       676         Design for Iron-Cored Transformers       636         Detached Contact Circuit Diagrams       826         Diagrams, Circuit       546         Dielectric Heating –Design Chart       635         see also February, 1946 issue, p.61       114         Discovery of X-Rays, The       755         Distorted Sine Waves, Harmonic Analysis of       566, 606		170 200 4	00 500	010	
Amplifier Distortion		174, 389, 4	82, 368	, 612	, 744
Cathode-coupled Double Triode					
Extension of Patents       34         Electronic Music       124         Frequency Modulation       390         Cas filled Relays       521         H.F. Cooking       785         Identifying Components       170, 214         Lissajous' Figures       426         Photo cell Nomenclature       426         Self-testing Relays       170         D.C. Galvanometer Amplifier, Analysis of       114         Design for a Beat Frequency Compensated       345         Demonstrating the Properties of Aerials       800         Design for a Beat Frequency Oscillator       252         Design for a Beat Frequency Oscillator       252         Design for Amplifiers for Ink Recorders       493         Detached Contact Circuit Diagrams       826         Diagrams, Circuit       546         Dielectric Heating—Design Chart       635         see also February, 1946 issue, p.61       114         Discorted Sine Waves, Harmonic Analysis of       556, 606         Driving Push-pull Amplifiers (Reference Chart)       816         Dust-Free Electronic Equipment       413         DATA SHEETS		de	•••		-
Electronic Music       124         Frequency Modulation       390         Gas filled Relays       521         H.F. Cooking       785         Identifying Components       170, 214         Lissajous' Figures       426         Photo cell Nomenclature       426         Self-testing Relays       170         D.C. Galvanometer Amplifier, Analysis of       114         Delay Network, Frequency Compensated       345         Demonstrating the Properties of Aerials       800         Design for a Beat Frequency Oscillator.       252         Design for a Beat Frequency Oscillator.       252         Design for Iron-Cored Transformers       676         Details in Complex Waveforms, Magnifying (Abstract)       640         Detached Contact Circuit Diagrams       826         Diagrams, Circuit       546         Dielectric Heating — Design Chart       635         see also February, 1946 issue, p.61       556         Distorted Sine Waves, Harmonic Analysis of       556         Distorted Sine Waves, Harmonic Analysis of       556         Puise Injection       556         Puist Free Electronic Equipment.       413         DATA SHEETS-       21         Puist Injection <t< td=""><td>Estension of Detauto</td><td></td><td></td><td></td><td></td></t<>	Estension of Detauto				
Frequency Modulation390Gas filled Relays521H.F. Cooking770Identifying Components770Identifying Components770Identifying Components770Photo cell Nomenclature426Photo cell Nomenclature426Self-testing Relays170D.C. Galvanometer Amplifier, Analysis of114Delay Network, Frequency Compensated345Demonstrating the Properties of Aerials800Design for a Beat Frequency Oscillator252Design for Iron-Cored Transformers670Design for Iron-Cored Transformers640Detached Contact Circuit Diagrams826Diagrams, Circuit546Dielectric Heating—Design Chart635see also February, 1946 issue, p.61556Direct Reading pH Meter671Discovery of X-Rays, The755Distorted Sine Waves, Harmonic Analysis of556, 606Driving Push-pull Amplifiers (Reference Chart)816Dust-Free Electronic Equipment.413DATA SHEETS-21Pt. I. Lissajous' Figures21Pt. I. Straight Line Time Bases723Aerial Coupling Circuits737Pt. II. Series Capacitance Coupling417Pt. II. Series Capacitance Coupling417Pt. II. Series Capacitance Coupling505Electromagnetic Spectrum198Frequency Response of R.C. Coupled Amplifiers593Graphical Symbols for use in the Services.550H.F. Dielectr	Flootronio Musio				
Gas filled Relays       521         H.F. Cooking       785         Identifying Components       170, 214         Lissajous' Figures       426         Photo cell Nomenclature       426         Self-testing Relays       170         D.C. Galvanometer Amplifier, Analysis of       114         Delay Network, Frequency Compensated       345         Demonstrating the Properties of Aerials       800         Design for a Beat Frequency Oscillator.       252         Design for a Beat Frequency Oscillator.       252         Design for Iron-Cored Transformers       676         Design of Power Amplifiers for Ink Recorders       426         Diagrams, Circuit       546         Diaectric Heating—Design Chart       635         see also February, 1946 issue, p.61       566, 606         Direct Reading pH Meter       675         Distorted Sine Waves, Harmonic Analysis of       556, 606         Driving Push-pull Amplifiers (Reference Chart)       816         Dust-Free Electronic Equipment.       413         DATA SHEETS	Frequency Modulation				
Identifying Components       170, 214         Lissajous' Figures       426         Photo cell Nomenclature       426         Self-testing Relays       170         D.C. Galvanometer Amplifier, Analysis of       114         Delay Network, Frequency Compensated       345         Demonstrating the Properties of Aerials       800         Design for a Beat Frequency Oscillator       252         Design for Ion-Cored Transformers       676         Design of Power Amplifiers for Ink Recorders       493         Detached Contact Circuit Diagrams       826         Diagrams, Circuit       546         Dielectric Heating—Design Chart       635         see also February, 1946 issue, p.61       114         Discovery of X-Rays, The       755         Distorted Sine Waves, Harmonic Analysis of       556, 606         Driving Push-pull Amplifiers (Reference Chart)       816         Dust-Free Electronic Equipment       413         DATA SHEETS	Gas filled Relays				1.272.01
Lissajous' Figures	H.F. Cooking	• •••			785
Photo cell Nomenclature       426         Self-testing Relays       170         D.C. Galvanometer Amplifier, Analysis of       114         Delay Network, Frequency Compensated       345         Demonstrating the Properties of Aerials       800         Design for a Beat Frequency Oscillator.       252         Design for Lon-Cored Transformers       676         Details in Complex Waveforms, Magnifying (Abstract)       640         Detached Contact Circuit Diagrams       826         Diagrams, Circuit       546         Dielectric Heating—Design Chart       635         see also February, 1946 issue, p.61       556, 606         Driving Push-pull Amplifiers (Reference Chart)       813         DATA SHEETS—       21         (continued)       65         Pt. I. Lissajous' Figures       21         (continued)       65         Pulse Injection       153         Pt. II. Straight Line Time Bases       285         Pt. II. String Chacitance Coupling       417         Pt. II. Series Capacitance Coupling       417				170,	
Self-testing Relays       170         D.C. Galvanometer Amplifier, Analysis of       114         Delay Network, Frequency Compensated       345         Demonstrating the Properties of Aerials       800         Design for a Beat Frequency Oscillator       252         Design for a Beat Frequency Oscillator       252         Design for Iron-Cored Transformers       640         Details in Complex Waveforms, Magnifying (Abstract)       640         Detached Contact Circuit Diagrams       826         Diagrams, Circuit       546         Dielectric Heating—Design Chart       635         see also February, 1946 issue, p.61       635         Direct Reading pH Meter       671         Discovery of X-Rays, The       755         Distorted Sine Waves, Harmonic Analysis of       556, 606         Driving Push-pull Amplifiers (Reference Chart)       816         Dust-Free Electronic Equipment       413         DATA SHEETS	Photo coll Nomonolature				
<ul> <li>D.C. Galvanometer Amplifier, Analysis of</li></ul>	Solf testing Rolars				
Delay Network, Frequency Compensated       345         Demonstrating the Properties of Aerials       800         Design for a Beat Frequency Oscillator       252         Design for Iron-Cored Transformers       676         Design of Power Amplifiers for Ink Recorders       493         Detached Contact Circuit Diagrams       826         Diagrams, Circuit       546         Dielectric Heating—Design Chart       635         see also February, 1946 issue, p.61       635         Direct Reading pH Meter       671         Discovery of X-Rays, The       755         Distorted Sine Waves, Harmonic Analysis of       556, 606         Driving Push-pull Amplifiers (Reference Chart)       816         Dust-Free Electronic Equipment       413         DATA SHEETS—       65         Pulse Injection       153         Pt. I. Lissajous' Figures       21         """"""""""""""""""""""""""""""""""""	0 , 000				170
Delay Network, Frequency Compensated       345         Demonstrating the Properties of Aerials       800         Design for a Beat Frequency Oscillator       252         Design for Iron-Cored Transformers       676         Design of Power Amplifiers for Ink Recorders       493         Detached Contact Circuit Diagrams       826         Diagrams, Circuit       546         Dielectric Heating—Design Chart       635         see also February, 1946 issue, p.61       635         Direct Reading pH Meter       671         Discovery of X-Rays, The       755         Distorted Sine Waves, Harmonic Analysis of       556, 606         Driving Push-pull Amplifiers (Reference Chart)       816         Dust-Free Electronic Equipment       413         DATA SHEETS—       65         Pulse Injection       153         Pt. I. Lissajous' Figures       21         """"""""""""""""""""""""""""""""""""					
Delay Network, Frequency Compensated       345         Demonstrating the Properties of Aerials       800         Design for a Beat Frequency Oscillator       252         Design for Iron-Cored Transformers       676         Design of Power Amplifiers for Ink Recorders       493         Detached Contact Circuit Diagrams       826         Diagrams, Circuit       546         Dielectric Heating—Design Chart       635         see also February, 1946 issue, p.61       671         Direct Reading pH Meter       671         Discovery of X-Rays, The       755         Distorted Sine Waves, Harmonic Analysis of       556, 606         Driving Push-pull Amplifiers (Reference Chart)       816         Dust-Free Electronic Equipment       413         DATA SHEETS—       21         Cathode Ray Tube Traces       22         Pt. I. Lissajous' Figures       21         """"""""""""""""""""""""""""""""""""	D.C. Galvanometer Amplifier, Ana	lysis of			114
Demonstrating the Properties of Aerials       800         Design for a Beat Frequency Oscillator       252         Design for Iron-Cored Transformers       676         Design of Power Amplifiers for Ink Recorders       493         Detached Contact Circuit Diagrams       826         Diagrams, Circuit       546         Dielectric HeatingDesign Chart       635         see also February, 1946 issue, p.61       671         Discovery of X-Rays, The       755         Distorted Sine Waves, Harmonic Analysis of       556, 606         Driving Push-pull Amplifiers (Reference Chart)       816         Dust-Free Electronic Equipment       413         DATA SHEETS       65         Cathode Ray Tube Traces       21         """"""""""""""""""""""""""""""""""""	Delay Network, Frequency Compe	nsated	1944		
Design for Iron-Cored Transformers       676         Design of Power Amplifiers for Ink Recorders       493         Details in Complex Waveforms, Magnifying (Abstract)       640         Detached Contact Circuit Diagrams       826         Diagrams, Circuit       546         Dielectric Heating-Design Chart       635         see also February, 1946 issue, p.61       635         Direct Reading pH Meter       671         Discovery of X-Rays, The       755         Distorted Sine Waves, Harmonic Analysis of       556, 606         Driving Push-pull Amplifiers (Reference Chart)       816         Dust-Free Electronic Equipment.       413         DATA SHEETS-       21         Cathode Ray Tube Traces       21         Pt. I.       Lissajous' Figures       21         """"""""""""""""""""""""""""""""""""	Demonstrating the Properties of A	erials	***		12420120
Design of Power Amplifiers for Ink Recorders       493         Details in Complex Waveforms, Magnifying (Abstract)       640         Detached Contact Circuit Diagrams       826         Diagrams, Circuit       546         Dielectric Heating—Design Chart       635         see also February, 1946 issue, p.61       671         Direct Reading pH Meter       671         Discovery of X-Rays, The       755         Distorted Sine Waves, Harmonic Analysis of       556, 606         Driving Push-pull Amplifiers (Reference Chart)       816         Dust-Free Electronic Equipment.       413         DATA SHEETS—       21         Cathode Ray Tube Traces       21         Pt. I. Lissajous' Figures       21         """"""""""""""""""""""""""""""""""""	Design for a Beat Frequency Oscil	lator			252
Details in Complex Waveforms, Magnifying (Abstract)       640         Detached Contact Circuit Diagrams       826         Diagrams, Circuit       546         Dielectric Heating—Design Chart       635         see also February, 1946 issue, p.61       671         Direct Reading pH Meter       671         Discovery of X-Rays, The       755         Distorted Sine Waves, Harmonic Analysis of       556, 606         Driving Push-pull Amplifiers (Reference Chart)       816         Dust-Free Electronic Equipment       413         DATA SHEETS—       21         Cathode Ray Tube Traces       21         Pt. I. Lissajous' Figures       21         """"""""""""""""""""""""""""""""""""	Design of Power Amplifiers for Inl	Doordon	19.9.9		
Detached Contact Circuit Diagrams       826         Diagrams, Circuit       546         Dielectric Heating—Design Chart       635         see also February, 1946 issue, p.61       635         Direct Reading pH Meter       671         Discovery of X-Rays, The       755         Distorted Sine Waves, Harmonic Analysis of       556, 606         Driving Push-pull Amplifiers (Reference Chart)       816         Dust-Free Electronic Equipment       413         DATA SHEETS—       21         Cathode Ray Tube Traces       21         Pt. I. Lissajous' Figures       21         """"""""""""""""""""""""""""""""""""	Details in Complex Waveforms M	agnifying (	Abetra	***	
Diagrams, Circuit       546         Dielectric Heating-Design Chart       635         see also February, 1946 issue, p.61       635         Direct Reading pH Meter       671         Discovery of X-Rays, The       755         Distorted Sine Waves, Harmonic Analysis of       556, 606         Driving Push-pull Amplifiers (Reference Chart)       816         Dust-Free Electronic Equipment       413         DATA SHEETS-       21         Cathode Ray Tube Traces       21         Pt. I.       Lissajous' Figures       21         Pulse Injection       655         Pt. II. Straight Line Time Bases       285         Pt. II. Straight Line Time Bases       723         Aerial Coupling Circuits       723         Pt. II. Series Capacitance Coupling       417         Pt. II. Straight Line Time Bases       723         Aerial Coupling Circuits       73         Pt. II. Straight Line Time Coupling       417         Pt. II. Straight Line Time Bases       723         Aerial Coupling Circuits       73         Pt. II. Straight Line Time Coupling       417         Pt. II. Straight Line Time Coupling       505         Electromagnetic Spectrum       198         Frequency Respo	Detached Contact Circuit Diagram	S			The second
Dielectric Heating—Design Chart       635         see also February, 1946 issue, p.61       671         Direct Reading pH Meter       671         Discovery of X-Rays, The       755         Distorted Sine Waves, Harmonic Analysis of       556, 606         Driving Push-pull Amplifiers (Reference Chart)       816         Dust-Free Electronic Equipment       413         DATA SHEETS—       21         Cathode Ray Tube Traces       21         Pt. I. Lissajous' Figures       21         " (continued)       65         Pulse Injection       153         Pt. II. Straight Line Time Bases       285         Pt. III. Circular and Spiral Time Bases       723         Aerial Coupling Circuits       71         Pt. II. Steries Capacitance Coupling       417         Pt. III Shunt Capacitance Coupling       4161         Pt. IV R.F. Transformer Coupling       505         Electromagnetic Spectrum       198         Frequency Response of R.C. Coupled Amplifiers       593         Graphical Symbols for use in the Services       550         H.F. Dielectric Heating Design Chart       635					
Direct Reading pH Meter       671         Discovery of X-Rays, The       755         Distorted Sine Waves, Harmonic Analysis of       556, 606         Driving Push-pull Amplifiers (Reference Chart)       816         Dust-Free Electronic Equipment       413         DATA SHEETS—       21         Cathode Ray Tube Traces       21         Pt. I. Lissajous' Figures       21         Pulse Injection       153         Pt. II. Straight Line Time Bases       285         Pt. II. Circular and Spiral Time Bases       723         Aerial Coupling Circuits       71         Pt. II. Straight Line Tome Coupling       417         Pt. II. Series Capacitance Coupling       417         Pt. II. Straisformer Coupling       417         Pt. III Shunt Capacitance Coupling       417         Pt. IV R.F. Transformer Coupling       505         Electromagnetic Spectrum       198         Frequency Response of R.C. Coupled Amplifiers       593         Graphical Symbols for use in the Services       550         H.F. Dielectric Heating Design Chart       635         Editorials       7, 51, 95, 139, 227, 271, 315, 359, 403, 447, 491, 535, 579, 753, 623, 667, 711	Dielectric Heating-Design Chart			+++	635
Discovery of X-Rays, The	Dimost Deadimy wIT N/				
Distorted Sine Waves, Harmonic Analysis of 556, 606 Driving Push-pull Amplifiers (Reference Chart)					
Driving Push-pull Amplifiers (Reference Chart)       816         Dust-Free Electronic Equipment       413         DATA SHEETS       Cathode Ray Tube Traces         Pt. I.       Lissajous' Figures       21         """"""""""""""""""""""""""""""""""""	Distorted Sine Waves, Harmonic A	nalysis of	***		
Dust-Free Electronic Equipment       413         DATA SHEETS       Cathode Ray Tube Traces         Pt. I. Lissajous' Figures       21         """"""""""""""""""""""""""""""""""""	Driving Push-pull Amplifiers (Refe	rence Char	t)		
Cathode Ray Tube Traces Pt. I. Lissajous' Figures21"""""""""""""""""""""""""""""""""""	Dust-Free Electronic Equipment	1.000	-		
Pt. I.Lissajous' Figures21"""""""""""""""""""""""""""""""""""	DATA SHEETS-				
"""""""""""""""""""""""""""""""""""					
"""""""""""""""""""""""""""""""""""					21
Pt. II. Straight Line Time Bases       285         Pt. III. Circular and Spiral Time Bases       723         Aerial Coupling Circuits       723         Pt. I. Introduction       373         Pt. II. Series Capacitance Coupling       417         Pt. II. Shunt Capacitance Coupling       416         Pt. III Shunt Capacitance Coupling       461         Pt. IV R.F. Transformer Coupling       505         Electromagnetic Spectrum       198         Frequency Response of R.C. Coupled Amplifiers       593         Graphical Symbols for use in the Services       550         H.F. Dielectric Heating Design Chart       635         Editorials       7, 51, 95, 139, 227, 271, 315, 359, 403, 447, 491, 535, 579, 753, 623, 667, 711	Dulas Iniertian	continued)	***	***	
Pt. III. Circular and Spiral Time Bases329Pt. III. Circular and Spiral Time Bases723Aerial Coupling Circuits723Pt. I. Introduction373Pt. II. Series Capacitance Coupling417Pt. III Shunt Capacitance Coupling461Pt. IV R.F. Transformer Coupling505Electromagnetic Spectrum198Frequency Response of R.C. Coupled Amplifiers593Graphical Symbols for use in the Services550H.F. Dielectric Heating Design Chart635Editorials7, 51, 95, 139, 227, 271, 315, 359, 403, 447, 491, 535, 579, 753, 623, 667, 711	Pt II Straight Line Tim	e Baser	1150		1202420
Aerial Coupling Circuits373Pt. I. Introduction373Pt. II. Series Capacitance Coupling417Pt. III Shunt Capacitance Coupling461Pt. IV R.F. Transformer Coupling505Electromagnetic Spectrum198Frequency Response of R.C. Coupled Amplifiers593Graphical Symbols for use in the Services550H.F. Dielectric Heating Design Chart635Editorials7, 51, 95, 139, 227, 271, 315, 359, 403, 447, 491, 535, 579, 753, 623, 667, 711		C Dases	ntinuer	***	
Aerial Coupling Circuits373Pt. I. Introduction373Pt. II. Series Capacitance Coupling417Pt. III Shunt Capacitance Coupling461Pt. IV R.F. Transformer Coupling505Electromagnetic Spectrum198Frequency Response of R.C. Coupled Amplifiers593Graphical Symbols for use in the Services550H.F. Dielectric Heating Design Chart635Editorials7, 51, 95, 139, 227, 271, 315, 359, 403, 447, 491, 535, 579, 753, 623, 667, 711	Pt. III. Circular and Spira	al Time Ba	ses	*)	
Pt. III Shunt Capacitance Coupling461Pt. IV R.F. Transformer Coupling505Electromagnetic Spectrum198Frequency Response of R.C. Coupled Amplifiers593Graphical Symbols for use in the Services550H.F. Dielectric Heating Design Chart635Editorials 7, 51, 95, 139, 227, 271, 315, 359, 403, 447, 491, 535, 579, 753, 623, 667, 711	Aerial Coupling Circuits				
Pt. III Shunt Capacitance Coupling       461         Pt. IV R.F. Transformer Coupling       505         Electromagnetic Spectrum       198         Frequency Response of R.C. Coupled Amplifiers       593         Graphical Symbols for use in the Services       550         H.F. Dielectric Heating Design Chart       635         Editorials       7, 51, 95, 139, 227, 271, 315, 359, 403, 447, 491, 535, 579, 753, 623, 667, 711	Pt. I. Introduction	C ***	***		
Pt. IV R.F. Transformer Coupling505Electromagnetic Spectrum198Frequency Response of R.C. Coupled Amplifiers593Graphical Symbols for use in the Services550H.F. Dielectric Heating Design Chart635Editorials7, 51, 95, 139, 227, 271, 315, 359, 403, 447, 491, 535, 579, 753, 623, 667, 711	Pt III Shunt Canacitance	Coupling	+++		
Electromagnetic Spectrum	Pt. IV R.F. Transformer	Coupling			
Graphical Symbols for use in the Services       550         H.F. Dielectric Heating Design Chart       635         Editorials 7, 51, 95, 139, 227, 271, 315, 359, 403, 447, 491, 535, 579, 753, 623, 667, 711	Electromagnetic Spectrum				
Graphical Symbols for use in the Services       550         H.F. Dielectric Heating Design Chart       635         Editorials 7, 51, 95, 139, 227, 271, 315, 359, 403, 447, 491, 535, 579, 753, 623, 667, 711	Frequency Response of R.C. C	oupled An	plifiers		
Editorials 7, 51, 95, 139, 227, 271, 315, 359, 403, 447, 491, 535, 579, 753, 623, 667, 711	Graphical Symbols for use in t	the Service	S		
535, 579, 753, 623, 667, 711	H.F. Dielectric Heating Design	n Chart	***	***	635
535, 579, 753, 623, 667, 711					
535, 579, 753, 623, 667, 711	Editoriale 7 51 05 100 000 or				
	Eunoriais 7, 51, 95, 139, 227, 271	5 570 770	, 403, 4	47, 4	191,
E10	Effects of Electric Shock '	0, 019, 153	, 023,		711 518

	535,	579,	753, 623	, 667,	711
Effects of Electric Shock '		• • •			518
Electric Shock, Effects of					518
Electrocardiograph, The Cossor-	Robe	ertson			384
Electrocardiography, Amplifiers	for (	Note)			293
Electroencephalography, Cup El	lectro	de Te	chnique	in	377
Electromagnetic Spectrum (Cold	ur Cl	hart)	1		198
			199.0	1000	100

ï

١

ELECTRO-MEDICINE-		age
Cup Electrode Technique in EEGy	•••	377
Cossor-Robertson Electrocardiograph	•••	384
Electronic Stimulator and Chronaxie Meter		26
Electronic Stimulators for Medical Purposes	•••	585
ELECTRON MICROSCOPE-		
Photographic Materials for		363
New Swiss (Abstract)	•••	610
Preparation of Specimens for	•••	807
Monograph on Electron Beam Switch, A New Electronic Applications in Industry—U.S. Survey Electronic Colour Television	•••	799 162
Electronic Applications in Industry-US Survey	•••	777
Electronic Colour Television		140
Electronic Control of Tinning (Abstract)	30,	316
Electronic Equipment, Dust-free	•••	413
ELECTRONIC MUSIC-		
Future of	Ŧ.,	32
Future of Instrument using P.E. Cell as Playing Member		601
Correspondence	654,	149
Electronic Organ Design, Problems in	•••	149
Electronic Potentiometer Pyrometer		340
Electronic Potentiometer Pyrometer Electronic Process Timer		838
Electronic Sorting Machine (Photograph)		404
Electronic Sound Effects	• • •	581
Electronic Stroboscope Electronic Stimulators for Medical and Physiologi		658
Purposes		585
Electronic Stimulator and Chronaxie Meter		26
Electronic Water-in-Petrol Detector		184
Electronics at the R.A.E. Exhibition		810
Electronics in Post-War Industry (Abstract)		120
Electro-photography	• • •	145 492
E.R.A., The Work of the (Photographs)	•••	174
Fatigue of Photo-Cells		504
Fatigue of Photo-Cells Film Recorded Sound, Quality in	12	
Flash-Bulb Measurements with the C.R.O.		204
Flashover at High Altitudes (Abstract) Fleming, Sir Ambrose		235
Flashover at High Altitudes (Abstract) Fleming, Sir Ambrose Flight Attitude Instrument, Cathode-Ray Universal	491,	536 229
<b>F</b> M Transmitter Drive for		58
F.M., Transmitter Drive for Frequency Discriminator Compensated Delay Network Frequency Response of RC. Coupled Amplifiers (Da		196
Compensated Delay Network		345
Frequency Response of RC. Coupled Amplifiers (Da	ata	-00
Sheet) Frequency Measurement at U.H.F.	• • •	720
Frequency Meter with Self-contained Standard Oscilla	tor	500
		32
Gas-Filled Relays, Note on the Grid Control of		<b>3</b> 72
Gas-Filled Tubes as Pulse Generators	•••	
Communication of the state of t		474
Gauges, High Vacuum 277, 322,	 367,	474 422
Gauges, High Vacuum 277, 322, Gee—A New Method of Radio Navigation	 367, 	474 422 713
Gauges, High Vacuum 277, 322, Gee—A New Method of Radio Navigation Geiger-Muller Counters	 367,	474 422
Gauges, High Vacuum 277, 322, Gee—A New Method of Radio Navigation Geiger-Muller Counters	 367, 	474 422 713 405 438 838
Gauges, High Vacuum 277, 322, Gee—A New Method of Radio Navigation Geiger-Muller Counters Generator, Stabilised Pulse G.G.C. Electronic Process Timer Class to Matal Seal Design	367, 	474 422 713 405 438 838 764
Gauges, High Vacuum 277, 322, Gee—A New Method of Radio Navigation Geiger-Muller Counters Generator, Stabilised Pulse G.G.C. Electronic Process Timer Class to Matal Seal Design	367, 	474 422 713 405 438 838 764 780
Gauges, High Vacuum 277, 322, Gee—A New Method of Radio Navigation Geiger-Muller Counters Generator, Stabilised Pulse G.G.C. Electronic Process Timer Class to Matal Seal Design	367, 	474 422 713 405 438 838 764 780 550
Gauges, High Vacuum 277, 322, Gee—A New Method of Radio Navigation Geiger-Muller Counters Generator, Stabilised Pulse G.G.C. Electronic Process Timer Class to Matal Seal Design	367, 	474 422 713 405 438 838 764 780 550 372 521
Gauges, High Vacuum 277, 322, Gee—A New Method of Radio Navigation Geiger-Muller Counters Generator, Stabilised Pulse G.G.C. Electronic Process Timer Class to Matal Seal Design	367, 	474 422 713 405 438 838 764 780 550 372 521 760
Gauges, High Vacuum 277, 322, Gee—A New Method of Radio Navigation Geiger-Muller Counters Generator, Stabilised Pulse G.G.C. Electronic Process Timer Class to Matal Seal Design	367, 	474 422 713 405 438 838 764 780 550 372 521
Gauges, High Vacuum         277, 322, 323, 322, 333, 333, 333, 333,	367, 	474 422 713 405 438 838 764 780 550 372 521 760
Gauges, High Vacuum 277, 322, 5 Gee—A New Method of Radio Navigation Geiger-Muller Counters Generator, Stabilised Pulse G.G.C. Electronic Process Timer Glass-to-Metal Seal Design Glass-to-Metal Seal Design Graphical Symbols for Service Use (Chart) Grid Control Characteristics of Gas-Filled Relays Correspondence Growth of Industrial Radiology, The Glass Bases for Radio Valves	367, 	474 422 713 405 438 838 764 780 550 372 521 760 101
Gauges, High Vacuum 277, 322, Gee—A New Method of Radio Navigation Geiger-Muller Counters	 367,    556,	474 422 713 405 438 838 764 780 550 372 521 760 101 606
Gauges, High Vacuum 277, 322, Gee—A New Method of Radio Navigation Generator, Stabilised Pulse G.G.C. Electronic Process Timer Glass-to-Metal Seal Design Graphical Symbols for Service Use (Chart) Grid Control Characteristics of Gas-Filled Relays Correspondence Growth of Industrial Radiology, The Glass Bases for Radio Valves Harmonic Analysis of Distorted Sine Waves Hearing Aid Amplifiers, Negative Feedback in H.E. Cooking (letter)	367, 	474 422 713 405 438 838 764 780 550 372 521 760 101
Gauges, High Vacuum 277, 322, Gee—A New Method of Radio Navigation Generator, Stabilised Pulse G.G.C. Electronic Process Timer Glass-to-Metal Seal Design Graphical Symbols for Service Use (Chart) Grid Control Characteristics of Gas-Filled Relays Correspondence Growth of Industrial Radiology, The Glass Bases for Radio Valves Harmonic Analysis of Distorted Sine Waves Hearing Aid Amplifiers, Negative Feedback in H.E. Cooking (letter)	367,     556, 	474 422 713 405 438 838 764 780 550 372 521 760 101 606 450
Gauges, High Vacuum 277, 322, Gee—A New Method of Radio Navigation Geiger-Muller Counters	367,     556, 	474 422 713 405 438 838 764 780 550 372 521 760 101 606 450 785

			τ	Dage -
H.F. HEATING-			ľ	Page
and Soldering				631
Equipment			633,	634
in Heatronic Moulding		•••		819
Applications of (Photographs)	***	•••		825 648
Longitudinal or Transverse ? Power Valves for	•••	•••	643,	
H.F. Insulation, Plastics in				515
High Speed Telegraph Relay				788
High Vacuum Gauges	27	7, <b>32</b> 2,	367,	422
History of Atomic Disintegration	•••		***	668
Hum, Valve	* * *	•••	•••	72
I.F.F. (Note)				686
Induction Heating Equipment			633,	
Industrial Radiology, The Growth Industry, Electronic Applications i				760
Influence of Illumination on the Fa	tique of ]	Photo-c	ells	777 504
Interference from Fluorescent Lam			•••	148
Iron-Cored Transformers, Design of				676
"Kodatron" Speedlamp, The				16
Rodation Speediamp, The		•••	•••	10
Large Screen Television Projection				294
Leakage of Water through Tungste				693
Leaky Grid Detection, Mechanism		• • •	104,	158 344
"Lighthouse Tubes," G.E. of Amer Lightning			•••	96
Longitudinal or Transverse Heatin	g ?			646
Low Frequency Amplification 236,	290, 335,	378, 429	9, 470,	
Low Frequency Photo-Mechanical	Oscillator	s		327
Correspondence		53	21, 564	, 610
Magnetic Materials		142	, 192,	248
Magnifying Details in a Complex V		(Abstra	act)	640
Magnifying Details in a Complex V Maintenance of Quality in Film Re	Vaveform corded So	(Abstra	act) 12	640 2, 62
Magnifying Details in a Complex V Maintenance of Quality in Film Re Mass Spectrometer, The	Vaveform corded So	(Abstra ou <b>n</b> d	act) 12 	640 2, 62 185
Magnifying Details in a Complex V Maintenance of Quality in Film Re Mass Spectrometer, The Mervyn Reactance Alignment Com	Vaveform corded So  parator	(Abstra ou <b>n</b> d 	act) 1: 	640 2, 62 185 473
Magnifying Details in a Complex V Maintenance of Quality in Film Re Mass Spectrometer, The Mervyn Reactance Alignment Com Metrosil	Vaveform corded So  parator 	(Abstra ou <b>n</b> d	act) 12 	640 2, 62 185 473 513
Magnifying Details in a Complex V Maintenance of Quality in Film Re Mass Spectrometer, The Mervyn Reactance Alignment Com Metrosil Mechanism of Leaky Grid Detectio	Vaveform corded So parator m, The	(Abstra ou <b>n</b> d  	act) 12 	640 2, 62 185 473 513 158 52
Magnifying Details in a Complex V Maintenance of Quality in Film Re Mass Spectrometer, The Mervyn Reactance Alignment Com Metrosil Mechanism of Leaky Grid Detectio Mica (Photographs) Miller Effect Simplified	Vaveform corded So parator n, The 	(Abstra ou <b>n</b> d  	act) 12   104, 	640 2, 62 185 473 513 158 52 19
Magnifying Details in a Complex V Maintenance of Quality in Film Re Mass Spectrometer, The Mervyn Reactance Alignment Com Metrosil Mechanism of Leaky Grid Detectio Mica (Photographs) Miller Effect Simplified Miniscope, The	Vaveform corded So parator  n, The 	(Abstra ou <b>n</b> d  	act) 12   104, 	640 2, 62 185 473 513 158 52 19 360
Magnifying Details in a Complex V Maintenance of Quality in Film Re Mass Spectrometer, The Mervyn Reactance Alignment Com Metrosil Mechanism of Leaky Grid Detectio Mica (Photographs) Miller Effect Simplified Miniscope, The Modern Components and Accessori	vaveform corded So parator n, The  es, Some	(Abstrate) ound    	act) 12  104, 	640 2, 62 185 473 513 158 52 19 360 209
Magnifying Details in a Complex V Maintenance of Quality in Film Re Mass Spectrometer, The Mervyn Reactance Alignment Com Metrosil Mechanism of Leaky Grid Detectio Mica (Photographs) Miller Effect Simplified Miniscope, The Modern Components and Accessori Modern X-Ray Tube Factory	Vaveform corded So parator n, The  es, Some 	(Abstrational) (Abstr	act) 12   104, 	640 2, 62 185 473 513 158 52 19 360
Magnifying Details in a Complex V Maintenance of Quality in Film Re Mass Spectrometer, The Mervyn Reactance Alignment Com Metrosil Mechanism of Leaky Grid Detectio Mica (Photographs) Miller Effect Simplified Miniscope, The Modern Components and Accessori	Vaveform corded So parator n, The  es, Some 	(A bstra ound    	act) 12  104, 	640 2, 62 185 473 513 158 52 19 360 209 772
Magnifying Details in a Complex V Maintenance of Quality in Film Re Mass Spectrometer, The Mervyn Reactance Alignment Com Metrosil Mechanism of Leaky Grid Detectio Mica (Photographs) Miller Effect Simplified Modern Components and Accessori Modern X-Ray Tube Factory Modified Inverted Triode Valve Vo	Vaveform corded So parator n, The  es, Some 	(A bstradue) ound     	act) 1:  104,  	640 2, 62 185 473 513 158 52 19 360 209 772 731
Magnifying Details in a Complex V Maintenance of Quality in Film Re Mass Spectrometer, The Mervyn Reactance Alignment Com Metrosil Mechanism of Leaky Grid Detectio Mica (Photographs) Miller Effect Simplified Modern Components and Accessori Modern X-Ray Tube Factory Modified Inverted Triode Valve Vo Multiplier Photo-Cell, The	Vaveform corded So parator  n, The  es, Some  oltmeter 	(Abstraund	act) 12  104,  	640 2, 62 185 473 513 158 52 19 360 209 772 731 164
Magnifying Details in a Complex V Maintenance of Quality in Film Re Mass Spectrometer, The Mervyn Reactance Alignment Com Metrosil Mechanism of Leaky Grid Detectio Mica (Photographs) Miller Effect Simplified Modern Components and Accessori Modern X-Ray Tube Factory Modified Inverted Triode Valve Vo Multiplier Photo-Cell, The	Vaveform corded So parator m, The  es, Some  dtmeter  Amplifie	(A bstr: ound    	act) 1:  104,  	640 2, 62 185 473 513 158 52 19 360 209 772 731 164 450
Magnifying Details in a Complex V Maintenance of Quality in Film Re Mass Spectrometer, The Mervyn Reactance Alignment Com Metrosil Mechanism of Leaky Grid Detectio Mica (Photographs) Miller Effect Simplified Miniscope, The Modern Components and Accessori Modern X-Ray Tube Factory Modified Inverted Triode Valve Vo Multiplier Photo-Cell, The Negative Feedback in Hearing Aid Negative Feedback (Reference Cha	Vaveform corded So parator  m, The  es, Some  oltmeter  Amplifie rt)	(A bstr. pund      	act) 1:  104,   	640 2, 62 185 473 513 158 52 19 360 209 772 731 164
Magnifying Details in a Complex V Maintenance of Quality in Film Re Mass Spectrometer, The Mervyn Reactance Alignment Com Metrosil Mechanism of Leaky Grid Detectio Mica (Photographs) Miller Effect Simplified Modern Components and Accessori Modern X-Ray Tube Factory Modified Inverted Triode Valve Vo Multiplier Photo-Cell, The	Vaveform corded So parator  n, The  es, Some  oltmeter  Amplifie rt) 	(A bstr: ound    	act) 1:  104,  	640 2, 62 185 513 158 52 19 360 209 772 731 164 450 770
Magnifying Details in a Complex V Maintenance of Quality in Film Re Mass Spectrometer, The Mervyn Reactance Alignment Com Metrosil	Vaveform corded So parator n, The es, Some oltmeter  Amplifie rt) 	(A bstr. pund       	act) 12  104,  	640 2, 62 185 513 158 52 19 360 209 772 731 164 450 770 688 648
Magnifying Details in a Complex V Maintenance of Quality in Film Re Mass Spectrometer, The Mervyn Reactance Alignment Com Metrosil Metroyn Reactance Alignment Com Metrosil Metroyn Reactance Alignment Com Miller Effect Simplified Miller Effect Simplified Modern Components and Accessori Modern X-Ray Tube Factory Modified Inverted Triode Valve Vo Multiplier Photo-Cell, The Negative Feedback in Hearing Aid Negative Feedback (Reference Cha New Calibrated Oscillograph New Type of Oscillating Crystal	Vaveform corded So parator n, The es, Some oltmeter  Amplifie rt) 	(A bstr. pund       	act) 12  104,  	640 2, 62 185 513 158 52 19 360 209 772 731 164 450 770 688 648
Magnifying Details in a Complex V Maintenance of Quality in Film Re Mass Spectrometer, The Mervyn Reactance Alignment Com Metrosil	Vaveform corded So parator n, The es, Some oltmeter  Amplifie rt) 	(A bstr. pund       	act) 12  104,  	640 2, 62 185 513 158 52 19 360 209 772 731 164 450 770 688 648
Magnifying Details in a Complex V Maintenance of Quality in Film Re Mass Spectrometer, The Mervyn Reactance Alignment Com Metrosil	Vaveform corded So parator n, The es, Some oltmeter  Amplifie rt) 	(A bstr. pund       	act) 12  104,  	640 2, 62 185 513 158 52 19 360 209 772 731 164 450 770 688 648
Magnifying Details in a Complex V Maintenance of Quality in Film Re Mass Spectrometer, The Mervyn Reactance Alignment Com Metrosil	Vaveform corded So parator  m, The  es, Some  oltmeter  Amplifie rt)  69, 520, 6	(A bstr. pund       	act) 12  104,  	640 2, 62 185 473 513 158 52 19 360 209 772 731 164 450 770 688 648 782
Magnifying Details in a Complex V Maintenance of Quality in Film Re Mass Spectrometer, The Mervyn Reactance Alignment Com Metrosil	Vaveform corded So parator n, The  es, Some  oltmeter rt)  69, 520, 6	(A bstr. pund       	act) 1:  104,      , 746,	640 2, 62 185 473 513 158 52 19 360 209 772 731 164 450 770 688 648 782 252 327
Magnifying Details in a Complex V Maintenance of Quality in Film Re Mass Spectrometer, The Mervyn Reactance Alignment Com Metrosil Mechanism of Leaky Grid Detectio Mica (Photographs) Miller Effect Simplified Miniscope, The Modern Components and Accessori Modern X-Ray Tube Factory Modified Inverted Triode Valve Vo Multiplier Photo-Cell, The Negative Feedback in Hearing Aid Negative Feedback (Reference Cha New Calibrated Oscillograph New Type of Oscillating Crystal Notes from the Industry 38, 260, 301, 388, 44 OSCILLATORS— Beat Frequency, Design for L.F. Photo-Mechanical Resistance-Capacity	Vaveform corded So parator n, The  es, Some  oltmeter  69, 520, 6	(A bstr. pund       	act) 12  104,     , 746,	640 2, 62 185 473 513 158 52 19 360 209 772 731 164 450 770 688 648 782 252 327 118
Magnifying Details in a Complex V Maintenance of Quality in Film Re Mass Spectrometer, The Mervyn Reactance Alignment Com Metrosil Mechanism of Leaky Grid Detectio Mica (Photographs) Miller Effect Simplified Miniscope, The Modern Components and Accessori Modern X-Ray Tube Factory Modified Inverted Triode Valve Vo Multiplier Photo-Cell, The Negative Feedback in Hearing Aid Negative Feedback (Reference Cha New Type of Oscillating Crystal Notes from the Industry 38, 260, 301, 388, 4 OSCILLATORS— Beat Frequency, Design for L.F. Photo-Mechanical Resistance-Capacity Resistance-Capacity, Bridge St	Vaveform corded So parator  m, The  es, Some  oltmeter  fog, 520, 6  tabilised	(A bstr. pund       	12  104,     , 746,	640 2,62 185 473 513 158 52 19 360 209 772 731 164 450 770 688 648 782 252 327 118
Magnifying Details in a Complex V Maintenance of Quality in Film Re Mass Spectrometer, The Mervyn Reactance Alignment Com Metrosil Mechanism of Leaky Grid Detectio Mica (Photographs) Miller Effect Simplified Miniscope, The Modern Components and Accessori Modern X-Ray Tube Factory Modified Inverted Triode Valve Vo Multiplier Photo-Cell, The Negative Feedback in Hearing Aid Negative Feedback (Reference Cha New Calibrated Oscillograph New Type of Oscillating Crystal Notes from the Industry 38, 260, 301, 388, 44 OSCILLATORS— Beat Frequency, Design for L.F. Photo-Mechanical Resistance-Capacity Resistance-Capacity, Bridge St Valve, Principles and Design o Video Frequency	Vaveform corded So parator  m, The  es, Some  oltmeter  69, 520, 6  tabilised f	(A bstr. pund       	act) 12  104,     , 746,	640 2,62 185 473 513 158 52 19 360 209 772 731 164 450 770 688 648 782 252 327 118
Magnifying Details in a Complex V Maintenance of Quality in Film Re Mass Spectrometer, The Mervyn Reactance Alignment Com Metrosil Mechanism of Leaky Grid Detectio Mica (Photographs) Miller Effect Simplified Miniscope, The Modern Components and Accessori Modern X-Ray Tube Factory Modified Inverted Triode Valve Vo Multiplier Photo-Cell, The Negative Feedback in Hearing Aid Negative Feedback (Reference Cha New Calibrated Oscillograph New Type of Oscillating Crystal Notes from the Industry 38, 260, 301, 388, 44 OSCILLATORS— Beat Frequency, Design for L.F. Photo-Mechanical Resistance-Capacity, Bridge St Valve, Principles and Design o Video Frequency	Vaveform corded So parator  m, The  es, Some  oltmeter  69, 520, 6  tabilised f	(A bstr. pund       	act) 12  104,     , 746,  414,	640 2,62 185 473 513 158 52 19 360 209 772 731 164 450 770 688 648 782 252 327 118 560 465
Magnifying Details in a Complex V Maintenance of Quality in Film Re Mass Spectrometer, The Mervyn Reactance Alignment Com Metrosil Mechanism of Leaky Grid Detectio Mica (Photographs) Miller Effect Simplified Miniscope, The Modern Components and Accessori Modern X-Ray Tube Factory Modified Inverted Triode Valve Vo Multiplier Photo-Cell, The Negative Feedback in Hearing Aid Negative Feedback (Reference Cha New Calibrated Oscillograph New Type of Oscillating Crystal Notes from the Industry 38, 260, 301, 388, 44 OSCILLATORS— Beat Frequency, Design for L.F. Photo-Mechanical Resistance-Capacity Resistance-Capacity, Bridge St Valve, Principles and Design o Video Frequency	Vaveform corded So parator  m, The  es, Some  oltmeter  69, 520, 6  tabilised f	(A bstr. pund       	act) 1:        	640 2, 62 185 473 513 158 52 19 360 209 772 731 164 450 770 688 648 782 252 327 118 560 465 694
Magnifying Details in a Complex V Maintenance of Quality in Film Re Mass Spectrometer, The Mervyn Reactance Alignment Com Metrosil Mechanism of Leaky Grid Detectio Mica (Photographs) Miller Effect Simplified Miniscope, The Modern Components and Accessori Modern X-Ray Tube Factory Modified Inverted Triode Valve Vo Multiplier Photo-Cell, The Negative Feedback in Hearing Aid Negative Feedback (Reference Cha New Calibrated Oscillograph New Type of Oscillating Crystal Notes from the Industry 38, 260, 301, 388, 44 OSCILLATORS— Beat Frequency, Design for L.F. Photo-Mechanical Resistance-Capacity, Bridge St Valve, Principles and Design o Video Frequency	Vaveform corded So parator  m, The  es, Some  oltmeter  69, 520, 6  tabilised f	(A bstr. pund       	act) 12  104,      , 746,  414, 	$\begin{array}{c} 640\\ 2, 62\\ 185\\ 185\\ 513\\ 158\\ 52\\ 19\\ 360\\ 209\\ 772\\ 731\\ 164\\ 450\\ 770\\ 688\\ 648\\ 782\\ 252\\ 327\\ 118\\ 560\\ 465\\ 694\\ 648\\ \end{array}$
Magnifying Details in a Complex V Maintenance of Quality in Film Re- Mass Spectrometer, The Mervyn Reactance Alignment Com Metrosil	Vaveform corded So parator n, The  es, Some  oltmeter rt) 69, 520, 6  tabilised if 	(A bstr. pund       	act) 12  104,      , 746,  414, 	640 2, 62 185 473 513 158 52 19 360 209 772 731 164 450 770 688 648 782 252 327 118 560 465 694 648 688
Magnifying Details in a Complex V Maintenance of Quality in Film Re Mass Spectrometer, The Mervyn Reactance Alignment Com Metrosil	Vaveform corded So parator n, The  es, Some  oltmeter rt) 69, 520, 6  tabilised if  Note)	(A bstr. pund       	act) 12  104,         	640 2, 62 185 473 513 158 52 19 360 209 772 731 164 450 770 688 648 782 252 327 118 560 688 648 782
Magnifying Details in a Complex V Maintenance of Quality in Film Re- Mass Spectrometer, The Mervyn Reactance Alignment Com Metrosil	Vaveform corded So parator  m, The  es, Some  oltmeter  69, 520, 6  tabilised of   Note)	(A bstr. pund       	act) 12  104,      , 746,  414, 	640 2, 62 185 473 513 158 52 19 360 209 772 731 164 450 770 688 648 782 252 327 118 560 465 694 648 688
Magnifying Details in a Complex V Maintenance of Quality in Film Re Mass Spectrometer, The Mervyn Reactance Alignment Com Metrosil	Vaveform corded So parator n, The  es, Some  oltmeter rt) 69, 520, 6  tabilised if  Note)	(A bstr. pund       	act) 12  104,         	640 2, 62 185 473 513 158 52 19 360 209 772 731 164 450 770 688 648 782 252 327 118 560 688 648 782

Page

			1	Page
PHOTO-CELLS-				***
Multiplier Nomenclature	•••			164
Nomenclature		296,	390,	426
Innuence of Illumination on Fatig	1 <b>e</b> 01			504
New Quartz, for U.V		•••		526
Photo-electrically Controlled Kymograp	h (Abs	stract)		195
New Quartz, for U.V Photo-electrically Controlled Kymograp Photo-Mechanical Oscillators, L.F.				327
Photo-Mechanical Oscillators, L.F. Correspondence Photographic Materials for the Electron		52	1, 564	, 610
Photographic Materials for the Electron	_Micro	scope		363
Photopulse, The	•••	• • •	• • •	409
Plastic Enamelled Wire	•••		• • •	35
Photographic Materials for the Electron Photopulse, The Plastic Enamelled Wire Plastics in H.F. Insulation Potentiometer Pyrometer, Electronic Power Amplifiers for Ink Recorders Principles and Theory (Address to Radi Principles and Design of Valve Oscillato Pulse Generators, Gas-filled Tubes as		• • •		515
Potentiometer Pyrometer, Electronic		• • •		340
Power Amplifiers for Ink Recorders	•••	• • •		493
Principles and Theory (Address to Radi	o Secti	on)	• • • •	10
Principles and Design of Valve Oscillato	OTS	382,	414,	465
Pulse Generators, Gas-filled Tubes as				474
Quality in Film Recorded Sound Quartz Photo-cell for the Ultra-Violet, A			12	2, 62
Quartz Photo-cell for the Ultra-Violet.	A New.			526
~				
Radar Glossary				719
see also Radiolocation				
see also Radiolocation Radio Corporation of America Radio Apparatus, Tropic-Proof Correspondence Radio Beacons (Note) Radio Heating and Mass Production So Radiolocation (Address to I.E.E.) other articles R.A.E. Exhibition, Electronics at the Reactance Alignment Comparator, The Relays, Self-testing Correspondence Research and the Future of the Radio I Resistance-Capacity Oscillators Resonance, Demonstration of, for Train R.F. Crack Detector Rotating Anode X-Ray Generator Royal Signals, The				70
Radio Apparatus Tropic-Proof		498	538	598
Correspondence		100,		698
Radio Beacons (Note)				735
Radio Heating and Mass Production So.	ldering			631
Radiolocation (Address to L.E.E.)				679
other articles			686.	717
RAE Exhibition Electronics at the			,	810
Reactance Alignment Comparator The	Mervy	n		472
Relays Salf-testing	11101 + 91			36
Correspondence				170
Research and the Future of the Radio I	ndustr	v		121
Resistance-Capacity Oscillators				118
Resonance. Demonstration of, for Train	ing Cla	sses		76
R.F. Crack Detector	0			476
Rotating Anode X-Ray Generator			272	317
Royal Signals, The			,	239
Royal Dignais, The				200
Self Testing Relays				36
Self-Testing Relays			••••	170
				207
More about ditto			•••	432
Scophony Flectronic Stroboscope				658
Shock Effects of Electric				518
Simplified Coil Testing		• • •		829
Sound Quality in Film-Recorded	/		12	
Spectrometer The Mass	•••			185
Speedlamp The "Kodatron"	••••••			16
Scale Distortion and Visual Analogies More about ditto Scophony Electronic Stroboscope Shock, Effects of Electric Simplified Coil Testing Sound, Quality in Film-Recorded Spectrometer, The Mass Speedlamp, The "Kodatron" Spot Gluing with H.F Stabilised Pulse Generator Standards for Radio Components, B.S.I. Stimulator and Chronaxie Meter, Electr				191
Stabilized Dulco Constant				438
Standarda for Padia Componente DCT	•• •	••		131
Standards for Radio Components, B.S.I.	mic	• •	• • •	201
Stimulator and Unronaxie Meter, Electro	onic .		•••	505
Sumulators, Electronic, for Medical Pur	poses .	••	0.00	760
Summer School in X-Ray Crystallograph	ny.		202,	100
Stabilised Pulse Generator Stabilised Pulse Generator Standards for Radio Components, B.S.I. Stimulator and Chronaxie Meter, Electro Stimulators, Electronic, for Medical Pur Summer School in X-Ray Crystallograph Supersonic Waves, Focused, in Biology. Supersonic Waves, Focused, in Biology.		••	• • •	122
Superheterodyne Whistles				28

	]	Page
Swiss Large Screen Television Projection		294
Swiss Large Screen Television Projection		162
Space Charge and Electron Deflections in Beam Tetr		
		640
Theory 541, Sound Effects, Electronic	000,	501
Symbols, Graphical, for Service Use (Chart)		
Synthous, Graphical, for Service Use (Chart)	•••	550
Strain Recording by Parallel Resonance Method	•••	737
Talaman Data A IV 1 0 1		= 0.0
Telegraph Relay, A High Speed	•••	788
TELEVISION-		
Electronic Colour		140
Colour Comming Contours		456
Talana for TTC (TDL damas 1)	•••	722
	•••	692
In France	•••	
Pye Videosonic System Strato-television		814
Strato-television	•••	711
Swiss Large Screen Projection		294
Tensor Algebra	205,	
Tinning, Electronic Control of (Abstract)	30,	
Transformers, Design of Iron-Cored	***	676
Transmitter Drive for F.M		58
Tropic-Proof Radio Apparatus 498,		
Tungsten Seals, Leakage of Water through		698
Tungsten Seals, Leakage of water through	•••	693
Twenty-five Years of Wireless History	• • •	9
II m m h		
U.H.F., Frequency Measurement at	• • •	720
V.2, Radio Equipment in (Abstract)	• • •	675
Vacuum Gauges, High 277, 322,	367,	422
Vacuum-Tight Mechanisms		53
Valve Hum	• • •	72
Valves, Glass Bases for Radio	• • •	101
G.E. "Lighthouse Tubes"		344
Condensers in Series Heater Circuits		454
Valve Voltmeter		
for Higher Voltages		168
for Higher Voltages Inverted Triode		731
Valve Oscillators, Principles and Design of 382	414.	465
Vector Calculating Device Video Frequency Oscillator Voltmeter Load, Correcting for		146
Video Frequency Oscillator		694
Voltmeter Load, Correcting for		604
Whistles, Superheterodyne		
		35
Wireless Section   K H Commemoration	÷•••	35
Wireless Section, I.E.E., Commemoration	•••	
Wireless History, 25 Years of	••••	9 9
Wireless History, 25 Years of Work of the E.R.A. (Photographs)	•••• ••••	9 9 492
Wireless History, 25 Years of	••••	9 9
Wireless History, 25 Years of Work of the E.R.A. (Photographs)	•••• ••••	9 9 492
Wireless History, 25 Years of Work of the E.R.A. (Photographs) Wire, Plastic Enamelled	•••• ••••	9 9 492
Wireless History, 25 Years of Work of the E.R.A. (Photographs) Wire, Plastic Enamelled	···· ···	9 9 492 35
Wireless History, 25 Years of Work of the E.R.A. (Photographs) Wire, Plastic Enamelled	···· ···	9 9 492 35
Wireless History, 25 Years of Work of the E.R.A. (Photographs) Wire, Plastic Enamelled	···· ···	9 9 492 35
Wireless History, 25 Years of           Work of the E.R.A. (Photographs)           Wire, Plastic Enamelled           X-RAYS—           Crystallography, Summer School of           Discovery of            Early Tubes	 262,	9 9 492 35 768 755 759
Wireless History, 25 Years of          Work of the E.R.A. (Photographs)          Wire, Plastic Enamelled          X-RAYS—          Crystallography, Summer School of          Discovery of          Early Tubes          Growth of Industrial Radiography	262, 	9 9 492 35 768 755 759 760
Wireless History, 25 Years of          Work of the E.R.A. (Photographs)          Wire, Plastic Enamelled          X-RAYS—          Crystallography, Summer School of          Discovery of          Early Tubes          Growth of Industrial Radiography	 262,	9 9 492 35 768 755 759 760