

Novel ~~K~~ Viewpoints for Computing Electron Guns
for Cylindrical Beams of Great Current Density,
by Martin Mueller, 19 pp.

GERMAN, per, Archiv der Elektrischen Übertragung,
Jan 1955, pp 20-28.

S.L.A. Tr 759/1956

Sci - Electronics
Oct 56 CTS

39,632

Space Charge Waves in Ion-Free Electron Beams,
by Johannes Latas, Klaus Peeschl, 17 pp.

GERMAN, per, Archiv der Elektrischen Übertragung,
Jan 1955, pp 39-46.

XXXX S.L.A. Tr 745/1956

Sci - Electronics
Oct 56 CTS

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Calculation of Waiting-times in Switching
Equipment with Small Groups of Incoming
Lines, by F. L. Bauer, E H. Stormer,

GERMAN, per, Archiv Der Elektrischen Übertragung,
Vol IX, No 2, pp 69-73. 1955

Chief Librarian, C.S.I.R.O.
314 Albert Street
East Melbourne, Australia
C. 2, Vic.

Sci
May 60

115181

Radio Interference ~~Em~~ Caused by DC
Corona in a Coaxial Cylindrical Field, by H.
Heindl, 17 pp.

GERMAN, per, Arch Elek Ubertr, Vol IX, No 2,
1955, pp 93-98.

SLA 57-2389

May 58

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C-2332 63, 200

Unger, Hans-Georg.
THE CALCULATION OF RIDGE WAVE GUIDES.
[1962] 12p. 4 refs.
Order from SLA \$1.60

63-10248

Trans. of Archiv der Elektrischen Übertragung (West Germany) 1955, v. 9, no. 4, p. 157-161.

DESCRIPTORS: *Waveguides, Electrical properties, Design.

This paper calculates the cutoff frequency and characteristic impedance of cross sections of ridge wave guides for which the known formulas are no longer applicable, and gives thus design data for ridge wave guides of any desired cross section. For completeness the known calculations are also shown in a co-ordinated form. Numerical evaluations show that by the use of suitable cross sections the cutoff frequency and characteristic impedance can be varied within wide limits. (Engineering--Electronic, TT, v. 9, no. 10)

63-10248

I. Unger, H.-G.

Office of Technical Services

A Contribution to the Theory of Transmitting Triodes,
Considering Finite Transit Times, by Friedrich
Huslster, 46 pp.

GERMAN, Ger, Arch Electr Ubertrag, Vol IX, 1955, pp
207-220.

AEC NP 179

Sci - Phys

Jan 59

79,575

Representation of the Transition between Forward
and Barrier Potentials in Anequivalent Circuit
Diagram for Slow Germanium Diodes, by G. Kohn,
20 pp.

GERMAN, per, Arch Elek Ubertr, Vol IX, 1955,
pp 241-245. (loan copy only)

SIA 57-2784

Sci
Aug 58

70,734

An Experimental Investigation and Resolution
of the Causes of Noise in Junction Transistors,
by W. Guggenbuhl, M. J. O. Strutt.

GERMAN, per, Arch ^{ischen} Elektrotech Übertrag, Vol IX,
1955, pp 259-269.

T.I.L. T.4688

Sci - Electricity

36,920

Aug 1956

A Direct Iterative Method β for the Hurwitz
Factorization of a Polynomial, by P. L. Bauer,
20 pp.

GERMAN, par, Arch Elek Ueberz, Vol IX, 1955,
pp 285-290.

SLA 57-3033

Sci

Aug 58

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Transient Phenomena During Amplitude and Frequency
Modulation in Some Special Passive Circuits, by
E. Henze.

GERMAN, per, Archiv Elektrischen Übertragung,
Vol IX, 1955, pp 326-338.

TIL T 5010

Sci - Electricity

137,381

Jan 61

Measures to Reduce Noise and Increase Channel
Capacity in Pulse Code Modulation, by F. Benz,
a-15 pp; b-12 pp. *over*

GERMAN, per, Archiv der Elektrischen Übertragung,
Vol IX, No 7, 1955, a) pp 299-306, b) pp 381-387. *NOB*

ASB, 57J168

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ATS/398-GJ

Aug 58

68,662

Reflection in Helical Lines for Varying Helix
Angle, by G. Piefke, 16 pp.

GERMAN, per, Arch Elek Übertragung, Vol IX, No 8,
1955, pp 369-374.

SLA Tr 57-1455

Sci - Electronics
Jan 58

58, 187

Henze, E.

INVESTIGATION OF A SPECIAL TRANSFORMATION
OF THE TELEPRINTER ALPHABET AS VECTOR
TRANSFORMATION. [1962] 7p. (refs. formulae figs.
omitted).

Order from SLA \$1.10

62-16968

Trans. of Archiv der Elektrischen Übertragung (West
Germany) 1955, v. 9 [no. 11] p. 528-532.

DESCRIPTORS: *Teletype systems, *Coding, *Trans-
formations (Mathematics), Matrix algebra, Data
transmission systems.

By a reference to a particular example the paper shows,
how to interpret and investigate representations of the
teleprinter alphabet into itself (privacy coding) as
linear vector transformations. A possibility of a tech-
nical realization of the chosen example is outlined and
proves to be very simple. (Author)

62-16968

1. Henze, E.

(Research Methods--Com-
munication Theory. TT.
v. 10, no. 6)
Office of Technical Services

Improved Reception by the Diversity System, by R.
Heidester and E. Henze, 28 pp.

GERMAN, per, Arch Elek Ubertr, Mar 1956.

SLA 57-2931

Sci

Aug 58

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English title unknown, by Heimann, Walter.
GERMAN, per, Archiv der Elektrischen Übertragung,
Vol 10, 1956, pp 73-76.

*NASA TT F 13,069

may 70

The Frequency Microscope. A Recording Frequency Measuring Instrument of Very High Sensitivity, by G. Ohl, 15 pp.

GERMAN, per, Arch Elek Ubertr, Vol X, No 4, Apr 1956, pp 145-150.

SLA 57-2689

Sci
Aug 58

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Television Picture Tube, by H. Rothe and E. Gundert.

GERMAN, per, Archiv Der Elektrischen Übertragung,
Vol X, 1956, pp 188-194.

CSIRO

Oct. 62

A Method for the Routine Evaluation of the True
Distribution of the Electron Density in an
Ionospheric Layer, from the Ionograms of This
Layer, by W. Becker.

GERMAN, per, Archiv der Elektrischen Übertragung
No 10, Feb 1956, pp 207-214.

*NASA TT F 13,282

sciEarth sci
oct 70

On the Dimensions of Helices in Travelling
Wave Tubes, by Werner Klein, 11 pp.

GERMAN, per, Archiv der Elektrischen Übertragung,
N Vol X, 1956, pp 261-265. CIA 9014838

SLA 57-3354
ACSIL Tr 925

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Sci - Physics
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Wave Scattering and Meteoric Influence on
Short Waves and the Neighbouring Ultra-
short Waves, by H. Wisbar.

GERMAN, per, Archiv der Elektrischen
Übertragung, Vol X, No 8, 1956,
pp 343-352.

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Sci - Electron

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The Analysis of Radio Bearings in the Presence of
Rotating Fields, by H. Gabler, G. Grosky, M.
Wachtler.

GERMAN, per, Arch Elektrischen Übertragung,
Vol X, No 9, 1956, pp 389-394.

Natl Res Council, Canada
TT No 727

Sci - Electron

Mar 60

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Space Harmonics in Electron Beams, by R. Mueller,
GERMAN, for, Arch Elek Uebertragung, Vol X, No 12,
1956, pp 505-511.

ATS 308-GJ

Sci
Nov 59

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Performance
Electron Guns of High ~~Performance~~, by R. Hechtel,
10 pp.

GERMAN, per, Arch Elek Ubertr, Vol X, No 12, 1956,
pp 535-540. (Loan Copy only).

Sci

Aug 58

SLA 57-3002
Assoc Tech Sv
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71, 329

Measurements of the Gauss Effect of Various
Semiconductors at 10,300 and 600 Megacycles, by
P. S. Ramer, J. O. Max, Friedrich K. Von Willisen,
18 pp.

GERMAN, per, Archiv der Elektrischen Übertragung,
Vol XI, No 1, 1957, pp 1-7.

SLA 59-10874

Sci - Electronics

Sep 59

Vol II, No 2

98,688

Spurious Signals in the Image Orthicon Tele-
vision Camera Tube, by R. Theile, F. Pilz. 34 pp
GOVERNMENT USE ONLY

GERMAN, per, Archiv. der Elektrischen Übertragung,
Vol 11, Jan 1957, pp 17-32.

NASA TT F-12992

sci/navig, COMNAV
aug 70

Sporadic Ionization In the E-layer of the Ionosphere
At Medium Latitudes by W. Becker.

GERMAN, per, Archiv Der Elektrischen Ubertragung,
Vol. XI, 1957, pp 101-104.

CSIRO

Oct. 62

Tabulations of Group Velocities of Ordinary
Echoes at Vertical Incidence in the Ionosphere,
by W. Becker.
GERMANY, per, Archiv der Elektrischen Übertragung,
No 11, Dec 1957, pp 166-172.
*NASA TT F 13,283

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Theoretical Investigations on Some
Diversity Procedures, by E. Henke,
34 pp.

GERMAN, per, Archiv d Elekt Ubertrag,
Vol XI, No 5, 1957, pp 183-194.

SLA 57-3352

Sci

Aug 58

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S-4326

(NY-1677)

Experimental and Theoretical Investigation of
Semiconductor Oscillators Based on the Hall Effect,
by M. J. O. Strutt, S. F. Sun, 12 pp.

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tragung, Vol XI, No 6, Stuttgart, 1957, pp 261-265.

US JPRS/NY-L-226

Sci - Electronics

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Direction of Curvature of Impedance
Locus Curves for Real and Idealised
Two-Terminal Networks, by H. Walter.

GERMAN, per, Archiv der Elektrischen
Übertragung, Vol XI, 1957, pp 359-
365.

CSIRO

199, 214

Sai - Electron
Jun 62

Time Lag of Semiconductor Diodes in Pulse Operation
and Its Physical Explanation, by Walter Henlein,
31 pp.

GERMAN, per, Arch der Elektrischen, Vol XI, No 10,
1957, pp 387-396.

SLA 59-10873

Sci - Electron
Sep 59
Vol 2, No 1

97905

Cumulative Frequency Curves of the Ex-
centric Rayleigh Distribution and Their
Application to Propagation Measurements,
by Harry Zuhrt.
GERMAN, per, Archiv der Elektrischen
Übertragung, Vol 11, No 12, 1957,
pp 478-484.

APL 15-11 T-2235

Sci-Elec
Mar 69

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Construction and Properties of Crystal Oscillators of High Q-Factor, by Gerhard Becker, 36 pp.

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SLA 59-10864

Sai - Chen
Sep 59
Vol 2, No 2

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Concerning ~~MM~~ and Elements for the Matching of Waveguide Directional Couplers of Periodic Structure, by I. Lucas.

GERMAN, per, Archiv der Elektrischen Übertragung, Vol XII, 1958, pp 91-96.

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Sci - Electron
Jun 62

199, 212

Ternary Switching-Circuit Algebra, by Eugen
Muhldorf.

GERMAN, per, Archiv der Elektrischen Übertragung,
Vol XII, No 3, 1958, pp 138-148. 9204989.

AEC-SCL-Tr-453

Sci - Math

Apr 63

226,842

Circuits For Ternary Switching Variables, by
Eugen Muhlendorf.

GERMAN, per, Archiv der Elektrischen Übertragung,
Vol. XII, No 4, April 1958, pp 176-182. 9203410

SCL-T-452

Sci - Electronics

Mar 63

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Experimental and Theoretical Study of the
Equivalent Circuit of More Recent High-Frequency
Transistors, Especially Drift Transistors, by
W. Guggenbuhl, W. Wunderlin, 22 pp.

GERMAN, per, Archiv der Elektrischen Übertragung,
Vol XII, 1958, pp 193-202. 9081693

ACSIL Tr 1293

Sci - Phys

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Dec 61

Standards Converter Using the Vidicon
Camera, by W. Dillonburger.

GERMAN, per, Archiv der Elektrischen
Übertragung, Vol XII, No 5, 1958,
pp 219-224.

CSIRO

Sci - - Pays
Jul 62

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Energy Considerations in Electron Beams, by H.
Kogelnik, 15 pp.

GERMAN, per, Arch Elektr Übertragung, Vol XII,
No 9, 1958, pp 419-427.

ATS 17K28G

Sci - Phys
Jul 59
OTS I, 11

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The Inertia of p-n Junction Diodes Driven by
Strong Sine Waves, by Walter Heinlein.

GERMAN, per, Arch Elek Uber, Vol. XII, No. 11,
1958, pp 510-514. 9076186

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H-104

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Sci - Electron

17 May 61

A Method of Hurwitz: Factorization of a
Polynomial, by Rolf Unbehauen, 17 pp.

GERMAN, per, Archiv der Elektrischen
Übertragung, 1959, Vol XIII, No 2, pp 58-62.

SLA 59-17758

Sci
Jan 60
Vol 2, No 8

105,531

Longitudinal-Slot Directional Coupler for
H-Waves, by Helmut Pascher, 14 pp.
GERMAN, per, Arch. der Elek. Übertragung,
Vol 13, No 2, 1959, pp 76-82. P911277168-V
AEC-ANL-Tr-663

Sci/Elec
Nov 68

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Filter Quartz Crystals in the 7-30 Mc/s
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GERMAN, per, Archiv der Elektrischen Uebertragung,
Vol XIII, No 2, 1959, p 90.

CSIRO

Sci - Engr

Jun 60

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Signal Transmission with Light Pulses, by
P. Frungel, G. Hands, 32 p.

GERMAN, per, Arch Elektr Übertragung, 1959,
Vol XIII, No 3, pp 121-131.

Sci
May 60
Vol 3, No 4

ATS-80L33G

ATS/382-RT

116, 817

The Investigation and Evaluation of Oxide
Cathodes With the Aid of Test Tubes, by
Gunhild Landauer, Werner Veith, 34 pp.

GERMAN, per, Archiv der Elektrischen Über-
tragung, Vol XIII, No 5, 1959, pp 211-218.

SLA 60-14483

Sci
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Vol III, No 11

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Reactance-Type Low Noise Straight Amplifier as a
Pre-Stage in the UHF Range, by R. Maurer, K. H.
Locherer, K. Bomhardt.

GERMAN, per, Archiv Elektrischen Ubertragung,
Vol XIII, No 12, 1959, pp 509-524.

*TIL T 5143

Sci - Electron

Jan 61

Low-Noise Electron Beam Amplifier, by J. Labus.

GERMAN, per, Archiv Elektrischen Übertragung,
Vol XIV, No 2, 1960, pp 49-53.

*TIL T 5151

Sci - Electron

Jan 61

The Scattering Matrix of a General Inter-
connection of Multipoles, by
Thomas-Alfred Abele.
GERMAN, per, Archiv der Elekt Uber, Vol
14, Part 6, 1960, pp 262-268.
CIA X-6996

May 69

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R-855

Archiv der Elektrischen Übertragung, by H. G.
Jungmeister

GERMAN, per, A. E. U. Vol XIV, No 7, July 1960,
pp 317-324

*JPRS/US Army Ord Missile Command
Redstone Arsenal, Alabama

Sci - Electr
Mar 62

Paul, Adolf K.

ACTIVE HIGH FREQUENCY SPECTROMETER FOR
IONOSPHERIC ECHO SOUNDING. III. DETERMINATION
OF THE REAL FROM THE VIRTUAL REFLECTION
HEIGHT, tr. by J. M. Sprecher. [May 61] [7]p.
Order from OTS or SLA \$1.10 62-24059

Trans. from Archiv der Elektrischen Übertragung (West
Germany) 1960, v. 14, no. 10.

DESCRIPTORS: *High frequency, *Spectrum analyzers,
*Atmospheric sounding, *Ionosphere, *Echo ranging,
*Electron density, Reflection.

(Earth Sciences--Atmosphere, TT, v. 9, no. 10)

62-24059

I. Paul, A. K.
II. Title: Determination ...
III. National Bureau of
Standards, Boulder,
Colo.

4-27-62

Office of Technical Services

Rawer, Karl.

ACTIVE HIGH FREQUENCY SPECTROMETER FOR
IONOSPHERIC SOUNDINGS. II. SELECTION OF ECHO
SIGNALS IN THE PRESENCE OF NOISE [Aktive Hoch-
frequenz Spektrometer für Ionosphärische Echolotung.
II. Selektion der Echozeichen aus dem Störpegel] tr. by
I. M. Sprecher. Nov 60 [12]p.
Order from OTS or SLA \$1.60

62-24058

Trans. of Archiv der Elektrischen Übertragung (West
Germany) 1960, v. 14, p. 373-379.

DESCRIPTORS: *High frequency, *Spectrum analyzers,
*Atmospheric sounding, *Ionosphere, *Noise, *Echo
ranging, *Angle of arrival, Radio reception.

(See also 62-24059)

(Earth Sciences--Atmosphere, TT, v. 9, no. 10)

62-24058

- I. Rawer, K.
- II. Title: Selection ...
- III. Title: Selektion ...
- IV. National Bureau of
Standards, Boulder,
Colo.

4-30-62

Office of Technical Services

On the Generation of Spurious Modes in Wave
Guides Transitions, by K. Schnetzler.
GERMAN, per, A.E.U., Vol 14, No 10, 1960,
pp 425-431.
NLL Ref:5207 (Lib Trans 1341)

Sci-Phys
Feb 70

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Ulbrich, E. and Piloty, H.
THE DESIGN OF ALL-PASS, LOW-PASS, AND BAND-
PASS NETWORKS WITH A CONSTANT GROUP DE-
LAY WHICH IS APPROXIMATED IN THE TSCHEBY-
CHEFF SENSE. [1961] 33p.
Order from ATS \$35. 45 ATS-02N54G

Trans. of Arch[iv der] Elektr[ischen] Übertr[agung]
(West Germany), 1960, v. 14, no. 10, p. 451-467.

DESCRIPTORS: *Electrical networks, Design.

(Engineering--Electrical, TT, v. 7, no. 4)

61-25658

- I. Title: Tschetbycheff sense
- I. Ulbrich, E.
- II. Piloty, H.
- III. ATS-02N54G
- IV. Associated Technical
Services, Inc., East
Orange, N. J.

Office of Technical Services

New Distribution Function for the Telephone Traffic
in Complete Connecting Arrangements, by H. Wagner.

GERMAN, per, Archiv der Elektrischen Übertragung,
Vol LIV, 1960, pp 508-514.

GB/110 in P.O./ 378

Sci
Jun 63

61-20525

Heynisch, Hlnrich.
THE RESONANT BACKWARD-WAVE OSCILLATOR,
A GENERATOR OF MICROWAVES. [1961] 13p.
9 refs.
Order from SLA \$1.60 61-20525

Trans. of Arch[iv der] Elek[trischen] Ubertragung
(West Germany) 1960, v. 14, no. 12, p. 531-538.
Another trans. is available from ATS \$16.65 as
ATS-21N53G [1961] 13p.

DESCRIPTORS: *Backward-wave oscillators,
Resonance, Operation, Electrical properties,
*Microwaves, Generators, Oscillators.

(Engineering--Electronic, TT, v. 7, no. 2)

I. Heynisch, H.

Office of Technical Services

A Filter System with Favorable Pulse
Properties, by Karl Uhl.
GERMAN, per, Arch. d. Elektr. Übertragung,
Vol 15, No 3, pp 109-114, 1961 9229614
AEC ORNL-Tr-528

Sci-Elec
Nov 65

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Tunnel Diode Rectilinear Amplifier Low
Level Noise Input Stage in the UHF Region,
by A. Rieck, H. Maurer, 24 pp.

GERMAN, per, Archiv der Elektrischen
Uebertragung, Vol XV, No 12, 1961,
pp 495-507.

ACSI I-3616
ID 2250321

Sci - Phys, Electron
Jan 64

248, 819

Transfer Factors With the Tschebyscheff Approximation
of Constant Envelope Delay, by Thomas-Alfred ANbele,
18 pp.

GERMAN, per, Archiv der Elektrischen Übertragung,
Vol XVI, No 1, 1962, pp 9-18. 9226605
AEC-ORNL-Tr-324

Sci-Electr
Jan 65

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The Noise in Transister Mixers, by J. S. Vogel
and H. J. O. Strutt,
GERMAN, per, Archiv der Elektrischen Übertra-
gung, Vol XVI, No 5, May 1962.
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SSTC TR 01-66

Sci-Electr & Elet Engr
Mar 67

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Characteristic Matrices of the Basic Transistor
Circuit, by Gert Marte, 11 pp.
GERMAN, per, Archiv der Elektrischen Uebertragung,
Vol XVI, No 7, 1962, pp 343-346. 9692210
DDC RSIC-126

Sci - Phys
Apr 64

253,728

TT-65-12222

Field 20C

Kessler, A.; Vicek, A.; Zinke, O.
METHODS OF CALCULATING CAPACITANCES WITH
PARTICULAR CONSIDERATION OF THE SUBDIVIDED
SURFACE AREA METHOD. 40p, 13refs.
Order from SLA: \$3.60 as TT-65-12222

Trans. of Archiv der Elektrischen Uebertragung (West
Germany) v16 n8 p365-80 1962.

I. Kessler, A.
II. Vicek, A.
III. Zinke, O.

MR 627

Survey of Electroacoustic Transducers by Means of
Linking Matrices, by Erwin Martin, 14 pp.
GERMAN, per, Archiv der Elektrischen Uebertragung,
Vol XVI, 1962, pp 600-608.
Navy Tr 3775/
USRL 41

Sci - Electron
May 64

256,963

Butterweck, Hans-Jürgen.

THE Y CIRCULATOR. [1963] 54p 22refs

Order from SLA \$5.60

TT-64-14634

Trans. of [Archiv der Elektrischen Übertragung] (West Germany) 1963, v. 17, p. 163-176. (Abstract available)

DESCRIPTORS: *Microwave equipment, *Waveguides, Scattering, Field theory.

Under the condition that losses are absent, the paper derives statements concerning the magnitudes of the scattering matrix elements for the Y-circulator which has lately found many applications. A field-theoretical analysis is carried out for a waveguide Y-circulator under some simplifying assumptions. The circulator effect can accordingly be explained by interference of two rotary E_{110} -fields in the circular-cylindrical cavity. (Author)

(Engineering--Electronic, TT, v. 11, no. 11)

TT-64-14634

1. Title: Waveguide circulators
2. Title: Y circulators
1. Butterweck, H. -J.

Office of Technical Services

Oscillation Type Spectrum in the He-Ne Gas Laser,
by D. Rosenberger, 7 pp.
GERMAN, per, Archiv der Elektrischen Übertragung,
Vol XVII, 1963, pp 202-204. 9695951
Amer Meteorol Soc
T-G-216

Sci - Phys
Mar 65

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Heynisch, Hinrich.

WAVE PROPAGATION ALONG A HELICAL LINE:
NOTES ON THE PROPAGATION OF MICRO WAVES
AND LONGER WAVES ALONG A HELICAL LINE
PROVIDED WITH A DIELECTRIC SUPPORT AND A
COAXIAL OUTER CONDUCTOR. 18p 8refs
Order from SLA \$1.60

TT-64-16585

Trans. of A[rchiv der] E[lektrischen] Ü[bertragung]
(West Germany) 1963, v. 17 [no. 5] p. 254-260.

(Engineering--Electronic, TT, v. 12, no. 3)

TT-64-16585

I. Heynisch, H.
II. Title: Propagation...

Office of Technical Services

TT-65-12311

Field 20F

Grau, G.
THERMAL AND LASER RADIATION AS INFORMATION
CARRIERS. 9p, 7refs.
Order from SLA: \$1.10 as TT-65-12311

Trans of Archiv der Elektrischen Uebertragung (West
Germany) v18 n1 pl-4 1964.

I. Grau, G.

MR 630

TT-65-12221

Field 9C

Borchert, L.; Rau, K. L.
THE PARAMETERS OF INDUCTIVE LOAD CIRCUITS
WHICH DETERMINE THE LIFE OF CONTACTS, 20p,
5refs.
Order from SLA: \$1.60 as TT-65-12221

Trans. of Archiv der Elektrischen Uebertragung (West
Germany) v18 n1 p60-6 1964.

I. Borchert, L.
II. Rau, K. L.

MR 627

The Orthogonal Multiplexing as a
Generalization of Time and Frequency
Multiplexing, by H. Harmuth, 20 pp.
GERMAN, per, Archiv der Elektrischen
Übertragung, Vol XVIII, No 2, 1964,
pp 43-50. 9227089
AEC-82-T-65700

Sci-Engr
Apr 65

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Calculation of Fabry-Perot Laser Resonators by
Scattering Matrices, by Detlef Gloge, 19 pp.
GERMAN, per, Arch. der Elektrischen Übertragung,
Vol 18, No 3, 1964, pp 197-203.
ARM/RSIC/Tr-845-68
GOVERNMENT USE ONLY

Sci/Phy
Dec 68

354,944

Calculation of the Stability of a Shift Register With
Rectangular Ferrites as Storage, by H. Stegmeir,
R. Zscherpel, 9 pp.
GERMAN, per, Archiv der Elektrischen Übertragung,
No 4, 1964, pp 249-254.
ACSI I-5761
ID 2204047964

Sci - Phys; Elec
Mar 65

276,967

Calculation of the Transmission Properties
of Symmetrical Lines Allowing for the
Effect of the Twist Pattern, by Horst-
Edgar Martin, 55 pp.
GERMAN, per, Archiv der Elektrischen
Übertragung, Vol 18, No 5, 1964, pp 293-308.
SLA TT-65-10434

338,820

SG1 67

Logarithmic Line-Diagram, by O. Zinke.
GERMAN, per Arch.elekt. Uebetr. Vol. 18, No. 6, 1964,
pp 331-335
FMG/ENG

Sci -
Aug 67

339-545

Concentration of Coherent Light Beams by a
Position-Dependent Dielectric, by D. Gloge,
6 pp.

GERMAN, per, Archiv der Elektrischen Uebertragung,
Vol 18, No 7, 1964, pp 451-452.

ARM/RSIC/Tr-835-68

GOVERNMENT USE ONLY

Sci/Elec
Dec 68

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The Grooved Guide, by B. Schiek, W. Schlosser.
GERMAN, per. Archiv Elektrischen Übertragung,
Vol XVIII, No 8, 1954, pp 351-355.
NASA TT F-9296

Sci-Electr
Jan 65

U.S. GOVERNMENT ONLY

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