

✓  
Accelerated Method for the Determination of Tool  
Life, by S. Velchev. 9 pp.  
BULGARIAN, per, Mashinostroene, Vol 19, No 8, 1970,  
pp 327-328.  
AIR/FTD-HC-23-611-71

Oct 71

An Instrument for Determining the Law of Friction  
and Wear, by G. Anguelov, 12 pp.  
BULGARIAN, per, Mashinostroene, Vol 19, No 8,  
1970, pp 329-331.  
AIR/FTD-HC-23-823-71

Jan 72

DEVELOPMENT AND STATE OF THE CONTAINER TRANSP  
ORTATION SYSTEM IN THE GERMAN DEMO

VELTER, HANST      LANGUAGE-SC      COUNTRY-YU

'SASINSTVB', GDD. XXI, BR. 5, 1972, BELGRADE,  
907-12

RSTC-R1-3-309-73

NY- 13714

5 May 67

Camouflage by Tadeusz Krolkiewicz, pp 1-203  
(entire book)-

Maskowanie (Camouflage), Warsaw, 1966

Polish

Special type "A": Translator's draft plus one  
incl. graphics,  
bec- do not mutilate,

JPR Special CSO: NY-13714

Current Status of Computer Technology Analyzed,  
by Tadeusz Jacewicz, 5 pp.  
POLISH, per, Maszyny Matematyczne, Warsaw, No 7-8,  
1969, pp 1, 2.  
JPRS 49065

Sci-Elec  
Nov 69

393,659

Computer Technology Advances in Gdansk, by  
Jan Zydowo, 9 pp.  
POLISH, per, Maszyny Matematyczne, Warsaw, No 7-8,  
1969, pp 3-5.  
JPRS 49065

Sci-Elec  
Nov 69

393,660

Computer Technology Applied to Polish Ports,  
by Jerzy Malicki, Stefan Rakowski, 20 pp.  
POLISH, per. Maszyny Matematyczne, Warsaw, no 7-8,  
1969, pp 8-13.  
JPRS 49065

Sci-Elec  
Nov 69

393,661

Computer Technology Applied to Polish Shipping.  
by Boguslaw Guzlak, 14 pp.  
POLISH, per, Maszyny Matematyczne, Warsaw, No 7-8,  
1969, pp 14-18.  
JPRS 49065

Sci-Elec  
Nov 69

393,662



ICT Series 1900 Computer Used in Gdynia, by  
Roman Jalinski, Jaroslaw Rucki, 8 pp.  
POLISH, per, Maszyny Matematyczne, Warsaw, No 7-8,  
1969, pp 18-20.  
JPRS 49065

Sci-Elec  
Nov 69

393,663

Structure of Computer Center in Gdynia Described,  
by Tadeusz Mazurkiewicz, 20 pp.  
POLISH, per. Pracownicy Matematyczne, Warsaw, No 7-8,  
1969, pp 21-26.  
JPRS 49065

Sci-Elec  
Nov 69

393,664

Information Retrieval System developed, by  
Jan Wierzbowski, 12 pp.  
POLISH, per. Maszyny Matematyczne, Warsaw, No 7-8,  
1969, pp 30-33.  
JPRS 49065

Sci-Elec  
Nov 69

393,665

The ZAM-41 Performs Data Processing, by  
B. Bialok. 20 pp.  
POLISH, per, Maszyny Matematyczne, 1969, 4.9  
pp 1-5.  
AIR/FTD/HC-23-145-71

Sept 71

Official Cites Need for ADP System Designers,  
by Jozef Sniocinski, 10 pp.  
POLISH, per, Maszyny Matematyczne, Warsaw,  
Dec 1969, pp 1-4.  
JPRS 49905

Sci-Elect & Elect Engr  
Mar 70

402,233

Problems of Application of Data Computers in  
the Network of Computing Centers Zeto, by  
Jan Pietrala. 6 pp.  
CZECH, per, Maszyny Matematyczne. Vol 6,  
No 3, 1970, pp 15-16.  
AIR/FTD/HO-23-146-61

Sept 71

REQ TR CHECK

28-8-8

TGH6

CONFERENCE ON THE PROBLEM OF USING ELECTRONIC  
COMPUTERS ODRA 1204

LESZCZYNSKI J.

PO: MASE. MAT.

1970, Vol 6, No 4, pp 16-17

*Process in as*

*HS23-72-1573*

*Negative  
18 Sept 73*

Associative Storages, by M. Kalinowdka.  
10 pp.  
POLISH, per, Masszyn Matematyczne,  
Vol 6, No 6, 1970, pp 14-17  
AIR/FTD-HC-23-1193-71

Feb 72



Machines That Teach, by J. Snięcinski. 13 pp.  
POLISH, per, Maszyny Matematyczne, Vol 6, Nos 7-8, 1970,  
pp 3-6.  
AIR/FTD-BC-23-820-71

dec 71

REQ TR CHECK

13-8-15

TP47

COMPUTER OUTPUT MICRO FILMS, NEW OUTPUT  
TECHNIQUE IN ADP  
KLEPACZ W.

PO: MASZYNY MATEMATYCZNE, nr 7-8,  
1970, pp 25-28

*In process ad*

*HC-23-71-1535*

*Negative  
10 Sept 71*

Remarks on Approximate Derivatives, by Ladislav Misik,  
8 pp.

GOVERNMENT USE ONLY

CZECH, per, Mat Casop., Vol 19, No 4, 1969, pp 283-291.

ARM/FSTC/HT-23-389-72

Mar 72

English Title Unknown, by M. Piatteli.  
ITALIAN, per, Matematiche e Natuali, Vol 48, 1970,  
pp 255-260.  
\*NTIS/SI TT 71-55400  
Available SI Only

July 71

Generalization of Some Well Known Methods  
of Calculation of Boundary Layers in  
Newtonian Fluids to the Case of Non  
Newtonian Fluids, by V. D. Dorevic. 6 pp.  
SERBO-CROATIAN, per, Matematicki Vesnik,  
Vol 6, No 3, 1969, pp 277-281  
AIR/FTD-HC-23-1181-71

Mar 72

Approximate Solution of Differential Equations by  
Means of Interval Defference, by P. Pejovic.  
CROATIAN, per, Matematicki Vestnik Nova Serija Kniga,  
Vol 7, No 22, 1970.  
\*FSTC-HT-23-0654-72

Nov 71

REQ TR CHECK                      43-5-5                      0113

INCREASING THE RESISTANCE OF MACHINE  
PARTS TO CORROSION AND WEAR  
WATER AT

02. WATER SO STAINI VEZE USRAY MATER.  
1969, pp 101-92

On Growth 02

STD-NC-22-961-71

*[Handwritten signature]*

Investigations for the Selection of Suitable  
Fungi for Testing the Mold Resistance of Mater-  
ials, by W. Kerner-Gang.

CHR AG, per, Material und Organismen, No 1, 1965,  
pp 35-74.

ACSI J-4567

ID 2204011/68

Sci-let  
May 68

356,173



Investigations on the Corrosion of Iron by  $H_2$   
and  $CO_2$  producing Bacteria, by H. J. Prenzler.  
GERMAN, per, Material und Organismen, No 1, 1965,  
pp 75-80.  
ACSI J-4567  
ID 2204011968

Sci-Chem  
May 68

356.174

On the Influence of Different Test Procedures  
in Testing the Resistance of Textiles Against  
Cellulolytic Fungi, by G. Welchli.

GERMAN, per, Material und Organismen, No 2, 1965,  
pp 81-94.

ACSI J-4579

ID 2204012168

Sci-Chem

May 68

356,175

Experiments on the Influence of Brown Rot Fungi  
on the Selection and Exploitation of Wood Nourish-  
ment by Termites, by G. Becker.

GARDNER, per. Material und Organismen. No 2, 1965,  
pp 85-156.

ACSI J-4579

1B 2204012168

Sci-8 and ...  
May 68

356.176

Effects Caused by Soft Rot Fungi on Wood Deterioration in Soil, by G. Becker and P. Kaune.  
GERMAN, par, Material und Organismen, Vol 1, No 3,  
1966, pp 201-220.  
ACSI J-4621  
FSTC RR-23-92-68

Sci-Agri  
Jul 68

359,864

Investigations of Fungi Isolated From Wood With Soft  
Rot After Soil-Burial Tests, by Waltraut Kerner-Gang,  
24 pp.

GOVERNMENT USE ONLY

GERMAN, per, Material und Organismen, Vol 1, No 4,  
1966, pp 297-318.

ARM/FSIC/HT-23-978-68

Sci/Mat  
June 69

383,329

Rot and Mildew Resistance of Cotton Fabrics in  
Relation to Durability Tests, by Hans-Rudolf Hinz,  
Rudolf Aenishanslin, 32 pp.

GOVERNMENT USE ONLY

GERMAN, per, Material und Organismen, Vol 2,  
No 1, 1967, pp 1-28.

ARM/FSTC/HE-23-93-68

1000 10022

Sci/Mat  
May 69

381,053

Influence of Different Strains of *Trichoderma*  
*Viride* Pers. Ex. Fr. and of the Characteristics  
of Cellulose on the Enzyme Activity of Cellulose,  
by Pierre Fusey.

FOR GOVERNMENT USE ONLY

FRENCH, per, Material und Organismen, Vol 2,

No 1, 1967, pp 29-44.

ARM/FSTC/HT-23-885-68

S&I/B&M  
Jan 69

354,863

Influence of Different Strains of *Trichoderma*  
*Viride* Pers. ex Fr. and of the Characteristics  
of Cellulose on the Enzyme Activity of  
Cellulose. By *PIERRE FUSEY*

GERMAN, per, Material und Organismen, Vol 2,  
No 1, 1967, pp 30-34.

ACSI 5149

FSTC HT-23-266-68

GOVERNMENT USE ONLY (AP 89-44)

ARM/FSCC/HT-23-266-68

Sci  
Dec 68

354,658



The Synecology of Soil Microflora - Application  
to the Study of Biodeterioration, by Jean Guittet.  
FOR GOVERNMENT USE ONLY

FRENCH, per, Material und Organismen, Vol 2,  
No 1, 1967, pp 45-63.  
ARM/FSTC/HT-23-886-68

*AcSI J-5150*

*Fstc HC-23-267-68*

Sci/Ear Sci  
Jan 69

354,865

The Influence of Soil Ventilation on the Destructive Effect of Soil Microorganisms on Cellulosic Textiles in Soil Burial Tests, by Oskar Walchli.

GERMAN, per, Material und Organismen, Vol 2, No 2, 1967, pp 85-96.

ACSI J-4585

ID 2204012568

Sci/Agri  
Apr 68

356,561

Experimental Studies to Determine How the Attack  
by *Reticulitermes lucifugus* (Rossi) on Pine  
Sapwood is Influenced by Microorganisms Naturally  
Occurring in "Grubstorfer Einheisterde" (Standardized  
Soil), by W. O. Schulz & M. Risewndt,  
GERMAN, par, Material und Organismen, Vol 2,  
No 2, 1967, pp 109-119.  
ACSI J-4585  
ID 2204012568

Sci/Agri  
Apr 68

356,562

Investigation of the Natural Resistance of  
Bongossi Wood (*Lophira Alata* Var. *Procera*) Against  
Fungi, by Hof. Trijntje.  
GERMAN, per, Material und Organismen, Vol. 2,  
No 2, 1967, pp 121-140.  
ACSI J-4585  
ID 2204012568

Sci/Agri  
Apr 68

356,563

Critical Observations on Techniques for Micro-  
biological Textile Testing, by Willi Hausam.  
GERMAN, per, Material und Organismen, Vol 2,  
No 2, 1967, pp 153-160.  
ACSI J-4585  
ID 2204012568

Sci/Agri  
Apr 68

356,564

Experiments on the Testing of Bitumen  
for Resistance to Attack by Mold Fungi,  
by Waltaurt Kerner.

GOVERNMENT USE ONLY

GERMAN, per, Material und Organismen,

Vol 2, No 3, 1967, pp 161-177.

ARM/PSTC/IT-23-979-68

Sci-B&I

June 69

384,096

Comparative Investigations of Fabrics for  
Conveyor-Belts in Soil Burial Tests, by  
Bronislaw Zyska.

GOVERNMENT USE ONLY

GERMAN, per, Material und Organismen,  
Vol 2, No 3, 1967, pp 179-188.

ARM/FSTC/HT-23-980-68

Sci-Mat  
June 69

384,098

On a Complex Method to Evaluate Wood Preservatives,  
by Jerzy Wazny, 8 pp.

GOVERNMENT USE ONLY

GERMAN, per, Material und Organism, Vol 2, No 4,  
1967, pp 241-248.

ARM/FSIC/HT-23-1024-68

Sci/Mat  
July 69

386,546



The Tropical Test Chamber at the Centre D'Etudes  
Du Bouchet, by Yves Le Grand, 9 pp.

GOVERNMENT USE ONLY

GERMAN, per, Material und Organismen, Vol 1, No 4,  
1968, pp 287-296.

ARM/ESTC/IT-23-977-68

Sci/Mat  
Aug 69

588,747

Fungus in a Building Under Construction, by  
Kurt Lohweg.  
GERMAN, per, Material und Organismen, Vol 2,  
No 4, 1968, pp 241-244.  
ACSI-J-7160  
FSTC-ET-23-72-70

Sci-B&M  
Nov 69

395,637

Influence of Visible Light on the Cellulytic  
Activity of Fungi, by Oskar Walchli. 13 pp.  
GERMAN, per, Material und Organismen, Vol 2,  
No 4, 1968, pp 245-255.

\*ACSI-J-7153

FSTC-HT-23-70-70

Sci-B&M

Feb 70

401,688

Investigations of Chemical Protection of Mining  
Timber, by Trijntje Hof, 13 pp.  
GERMAN, per, Material und Organismen, Vol 2, No 4,  
1968, pp 257-270.  
ACSI J-7156  
FSTC-WT-23-71-70

Sci/Nat  
Apr 70

405,613

On Some Stochastic Interrelationship in the  
Decomposition of Wood by *Fomes Annosus*, by  
H. Courtois.

GERMAN, per, Material und Organismen, Vol 2,  
No 4, 1968, pp 271-287.

ACSI-J-7159

FSTC-HT-23-73-70

Sci-B&M  
Oct 69

393, 316

Investigation on the Influence of Mold Fungi  
on Flakeboards and Wood Particles Boards, by  
Waltraut. 23 pp.

GERMAN, per, Material und Organismen, Vol 2,  
No 4, 1968, pp 289-316.

ACSI-J-7152

FSTC-HT-23-041-70

Sci-B&M  
Jan 70

400,266

On the Problem of the Formation of Mold Fungus  
Patterns on Optical Glass, by Waltraut Kerner-Gang,  
19 pp.

GOVERNMENT USE ONLY

GERMAN, per, Material und Organismen, 1968, pp 1-17.

ARM/FSTC/IT-23-970-68

Sci/B&M

Sept 69

389,942

Contributions to the Question of the Resistance of  
Fully Synthetic Plastics to Fungal Attack, by  
Fritz Demmer, 42 pp.

GOVERNMENT USE ONLY

GERMAN, per, Material und Organismen, Vol 3, No 1,  
1968, pp 19-58.

ARM/FSTC/HT-23-975-68

Sci/B&M  
Sept 69

389,941



Impregnation of Spruce Poles After Pond Storage,  
by Georg Schulz, 8 pp.

GOVERNMENT USE ONLY

GERMAN, per, Material und Organismen, Vol 3, No 3,  
1968, pp 177-184.

ARM/FSTC/IT-23-140-69

Sci/Mat  
Oct 69

394,070

Studies of Soft-rot Fungi Taken from  
Wooden Stakes in Field Experiments, by  
Martin Gersonde.

GERMAN, per, Material und Organismen,  
Vol 3, No 3, 1968, pp 199-212.

ACSI J-6351

FSTC-HT-23-161-69

Sci-BGM  
Apr 69

380,553

Damage of Rigid Plastic Foam Caused by Insects, by  
Von H. Kuhne, 11 pp.

GOVERNMENT USE ONLY

GERMAN, per, Material und Organismen, Vol 4, No 2, 1969,  
pp 89-98.

ARM/FSTC/HT-23-774-70

June 71

Contribution to the Evaluation of the Effectiveness of Preservative Treatments of Wood in Salt Solutions by the Open-Tank Process, by M. Fougerousse, J. Guillemain, 24 pp.

GOVERNMENT USE ONLY

GERMAN, per, Material und Organismen, Vol 4, No 2, 1969, pp 123-146.

ARM/FSTC/HT-23-775-70

Sci/Mat  
Feb 51

On the Noxious Effects of Some Mold Fungi on  
Termites, by M. Lenz, 11 pp.

GOVERNMENT USE ONLY

GERMAN, per, Material und Organismen, Vol 5, No 2,  
1969, pp 109-122. (pp 109, 121, 122 missing).

ARM/FSTC/IT-23-776-70

Sci/B&M  
Feb 71

Studies on Isolated Soft-Rot Fungi, by  
W. Kerner-Gang  
GEIGMAN, per, Material und Organismen, Vol 5,  
No 1, 1970, pp 33-57  
NTC 71-15308-06C

mar 72

Test Conditions for Soft-Rot Fungi  
by the Vermiculite Burial Method,  
by P. Kaune.  
GERMAN, per, Material und Organismen,  
Vol 5, No 2, 1970, pp 95-112  
NTC 72-11698-06C

June 72

L. Velia

Stabilisation of FVC With Inorganic Boron  
Compounds.

ITALIAN, per, Materiale Plastico, Vol 3, No 1,  
1966, pp 9-13.

Order from RAP as RAPRA 1588. \$23.00

NTC 72-60669-111

Nov 72



C. Vasiliu-Oprea

Mechanochemical Degradation of Polymers and  
Synthesis of New Macromolecular Compounds by  
this Technique.

ITALIAN, per, Materiale Plastice, Vol 3, No 2,  
1966, pp 64-75.

ORDER FROM RAP AS RAPRA 1589

NTC 72-60670-111

Nov 72

AT5

RU-5629 STRUCTURAL CHANGES IN POLYPROPYLENE FILAMENTS,  
L. Alexandru et al., Materiale Plast. 4, No. 4,  
192-4 (1967). Structural changes as a function of  
drawing temperature & effect on dyeing.  
1950 W; 2 T; 5 F; 7 R \$11.35 (\$2.00)

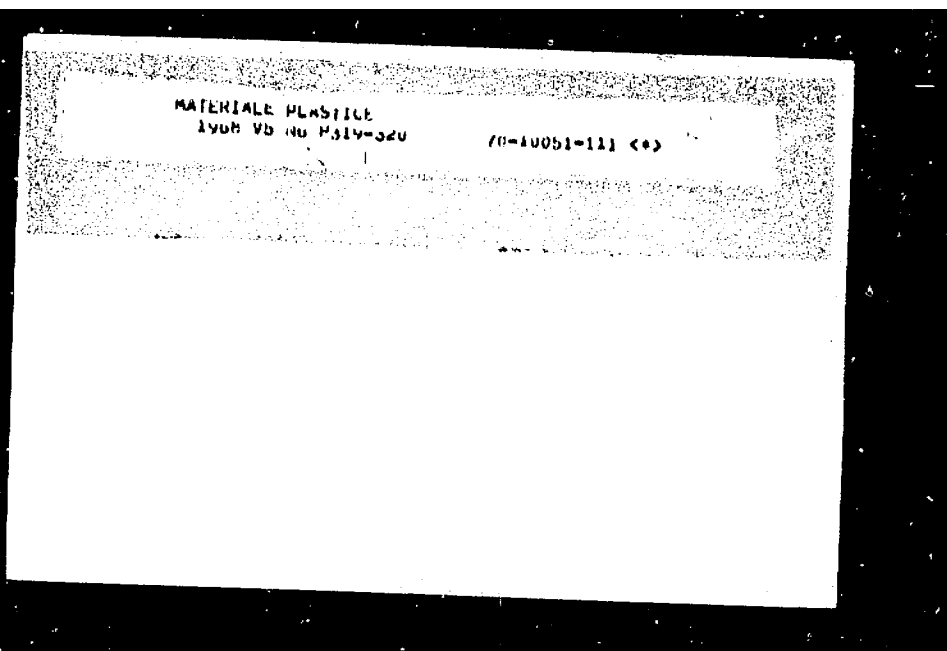
Determining the Gelation Properties of Plasticizers  
Using the Brabender Plastograph, by E. Stern  
and B. Wolf.

ROMANIAN, per, Materiale Plastice, Vol 5, No 3,  
1968, pp 87-89.  
NASA TT F-13,881

Mar 72

Contribution to the Production and Study of  
Macroporous Styrene-DivinyI Benzene, by  
H. Knall.  
EUROPEAN, per, Materiale Plastice, Vol 5, No 4,  
1968, pp 182-185.  
NTC 71-16659-11I

Mar 72



Data on the Behavior of Wood Flour Filler in  
Electrical Engineering Plastics Under the Action  
of Microorganisms, by I. Pitis, V. Lacatusu, 8 pp.

GOVERNMENT USE ONLY

RUMANIAN, per, Materiale Plastice, Vol 5, No 6,  
1968, pp 324-326.

ARM/FSTC/HT-23-1001-70

Sci/Mat  
Dec 70

Influence of Lubricants of the Amide Type on the  
Gelling Time of PVC Suspensions, in Comparison  
with Other Lubricants, by F. Ioan, V. Grigoras,  
et al. 14 pp.

CZECH, per, Materiale Plastice, Vol 6, No 1,  
1959, pp 18-20.

AIR/FTD/HC-23-219-70

Sci-Materials  
Sep 70

Some Aspects of the Stabilisation of cis-1,4-  
Polyisoprene, by E. Ceausescu.  
RUMANIAN, per, Materiala Plastice, vol. 6, no. 5,  
1969, pp. 255-258.  
NTC 71-12992-111

JULY 71



The Toxicity of Plasticizers Used in Processing  
Plastics, by T. Wexler,  
ROMANIAN, per, Materiale Plastice, Vol 7, No 9,  
1969/1970, pp 478-479.  
NASA TT F 13,882

Feb 72

Present Status of the Problem Concerning  
Macromolecular Combinations. Part II.  
Mixtures of Thermoplastic Polymers  
With Elastomers, by D. Feldman.  
ROMANIAN, per, Materiale Plastice,  
Vol 7, No 3, 1970, pp 106-111.  
NTC 72-10435-11I

Apr 72

Infrared Spectroscopic Analysis of  
Butadiene- -Methylstyrene Copolymers,  
by A. Serbanescu.  
ROMANIAN, per, Materiale Plastice,  
Vol 7, No 5, 1970, pp 226-229.  
NTC 72-11117-11I

May 72

The Properties of Polyvinyl Alcohol, Determined  
Through Differential Thermal Analysis and Gravimetric  
Thermal Analysis, by A. Chifor. 17 pp.  
RUSSIAN; per, Materiale Plastice, Vol 7, No 5, 1970,  
pp 234-239.  
AIR/FTD-HC-23-333-71

*Rumanian*

Oct 71

*The Toxicity of plasticizers used in processing Plastics,*  
*by T. Wexler. 7 pp.*  
*ROMANIAN, PER, Materiale Plast., Vol 7, No 9, 1969-1970,*  
*pp 478-479*  
*NASA TT F 13,882*

apr 72

Effect of Stresses on Plastics Used  
in the Machine Industry, by  
N. G. Popinceanu. 10 pp.  
ROMANIAN, per, Materiale Plastice,  
Vol 7, No 10, 1970, pp 526-530  
AIR/FTD-HC-23-1109-71

Feb 72

Vlad, M.

Study of Some Secondary Products in the Synthesis of  
Polyethylene Terephthalate.

MATERIALE PLASTICE, BUCHAREST, Vol 8, pp 407-409,  
1971

72-60923-07A

Feb 73

A New Class of Stepladder and Ladder Polymers:  
The Polyimasopyrrolones, by Mario Russo, 12 pp.  
ITALIAN, per, Materia'le Plastica Elastomeri,  
Vol 33, No 11, 1967, pp 1167-1171.  
NASA TT F-13,136

Sci-Chem  
Oct 70



✓  
Increasing the Resistance of Machine Parts to  
Seizing and Wear, by J. Nainar. 14 pp.  
CZECH, rpt, Materialovy Sbornik 1969. Materialy  
Odolne Proti Opotrebeni a Metody Jeho Zkouseni,  
1969, pp 81-92.  
AIR/FTD-HC-23-961-71

Feb 72

On the Stepwise Embrittlement of Ferritic  
Steels in the Notched Bar Impact Test, by M.  
Proger.

GERMAN, per, Materialprüfung, Vol 6, Dec 1965,  
pp 450-460.  
\*BISI 5925

Sci-Materials  
Oct 67

The Relation Between Steel Purity, The  
Transverse Tensile Test Characteristics  
and the Anisotropy of the Fatigue Strength,  
by A. Buch.

GERMAN, per, Materialprüfung, Vol 7, Jan 1965,  
pp 1-5.

BISI 4922

Sci - Methods and Equipment

Ultrasonic Probe with a Constant Transducer-  
to-Workpiece Coupling, by Dr. Jan Koppelman.  
GERMAN, per, Materialprüfung, Vol 7, No 6,  
1965, pp 214-215.  
HB 6667

Sci-Materials  
Oct 666

319,531

Experience With an Electronic Tensile  
Testing Machine, by F. Michalski,  
E. Kemencsy.  
GERMAN, par, Materialprüfung, Vol 7,  
July 1965, pp 237-242.  
DISI 4829

Sci-Mech, Industrial Civil  
Marine Engr  
Sept 66

310,344

Magnetic and Electromagnetic Methods for  
the Nondestructive Testing of the Depth  
of Hardening of Case-Hardened Semifinished  
and Finished Products, Part I- Physical-  
Technical Fundamentals, by T. Jakel.  
GERMAN, per, Materialprüfung, Vol 7, No 7,  
1965, pp 243-250.  
HB 6650-I

Sci-M&M  
Jul 66

304,381

Group Propagation Time and Beam Dis-  
placement with Oblique Reflection:  
Effect on Ultrasonic Testing Practice,  
by L. Niklas.  
GERMAN, per, Materialprüfung, Vol 7,  
No 8, 1965, pp 281-288.  
\*ID 6668

Sci/1941  
NOV 65

Magnetic and Electromagnetic Methods for  
the Nondestructive Testing of the Depth of  
Hardening of Case-Hardened Semifinished and  
Finished Products, Part II - Studies and  
Test Results, by T. Jakel.  
GERMAN, per, Materialprüfung, Vol 7, No 8,  
1965, pp 289-295.  
AD 6650-II

Sci-MGM  
Aug 66

308,806



Ultrasonic Inspection of Plate on the  
Production Line Using a Pulse Echo Method,  
by P. Holler, H. Smit.  
GOSMAN, per, Materialprüfung, Vol 7, 1965,  
pp 296-306.  
SISI 4913

Sci-Materials  
Oct 66

310,469

Auto-Spectrography in the Steel Industry,  
by L. Midman.  
GERMAN, per, Matorialprufung, Vol 7, Oct. 1965,  
BISI 4853

Sci-MQW  
Jul 66

306,195

Evaluation of Strength Values of Brittle Materials  
by Means of Extreme-Value Statistics, by

H. H. Lamer.

ZERN, for, Materialanfang, Vol 7, No 10,  
1965, pp 375-379

SISI 7201

sci/ materials  
aug 69

388,592

Automatic Ultrasonic Inspection Installation  
for Heavy-Gage Rolled Products,  
by J. G. Braz.  
SHAW, per, Material Handling, Vol 7, No 10,  
1965, pp 379-385.  
NS 5760

Sci-100  
Aug 66

308,855

Protection Against Fracture of Reinforcing  
Steels in Reinforced and Prestressed Concrete  
Structures, by H. Janiche, E. Stolte, et al.  
Glasnost, per, Materialy, Vol 7, No 12, Dec 1965  
pp 449-458. ID11100000  
ADU 0001-tr-1505

sci/ materials  
rec 00

314,004

Influence of Specimen Size on Tensile  
Characteristics and on Tendency to  
Brittle Fracture of Steel, by  
G. Schneeweiss.  
GERMAN, per, Materialprüfung, Vol 8,  
No 11, November 1966, pp 410-416.  
BISI 5926

Sci-Mat  
May 69

380,384

Time-Dependant Creep and Simultaneous Structural  
Changes in Heat-Resisted Steels, by A. Krisch.  
GERMAN, per, Materialprufung, Vol 8, Nov 1966,  
pp 416-419.  
\*BISI 6349

Sci/Mat  
May 68

Creep Behavior of Rigid PVC and Polypropylene, by  
J. Hugo.  
GERMAN, por, Materialpruofung, Vol 8, No 12, 1966,  
pp 545-457.  
NTC-71-16219-11I

Jan 72



Brittle Fracture Behaviour of Quenched and  
Tempered Structural Steels, by J. Degenkolbe,  
GERMAN, per, Materialprüfung, Vol 9, Jan 1967,  
pp 15-19.

BISI 5927

NLL Ref: 9022.06(5927)

Sci/Int  
June 68

358,485

Influence of the Type of Loading on the Results  
of Fatigue Tests on Steels, by R. Reti.

GERMAN, par, Materialprüfung, Vol 9, Jan 1967,  
pp 20-22.

PRISI 5928

Sci-Materials  
Oct 67

On the Changes of Some Properties of Steel  
During Alternating Stresses, by G. Kirschling.  
GERMAN, per, Materialprufung, Vol 9, No 2,  
1967, pp 45-49.  
BISI 6423

Sci/Nat  
Nov 68

370,081

Practical Experience in the Ultrasonic Examination of Heavy Rotor Forgings and Possible Ways of Improving the Reliability of Interpretation by Automation, by W. Mohr.

GERMAN, per, Vol 9, No 3, 1967, pp 73-80.

HB 7230

*Rotors*

Sci-Meth and Equip

Dec 67

346,578

Present State and Trends of Non-Destructive  
Testing in the Federal Republic of Germany,  
by F. Michalski.

GERMAN, per, Materialprüfung, No 4, 1967,  
pp 113-119.

ACSI J-2807

ID 2204027567

\* BISI 6374

Sci/Tech

Oct 68

368,327

On the Effect of Partially Permeable Interfaces  
in Ultrasonic Testing. Part II: Model Tests  
and Applicability, by E. Gundry.

GERMAN, per, Materialprüfung, 9(4), 1967,  
pp 120-150.

\*AEC/ORNL-Tr-2140

Sci/Meth & Equip  
Jun 69

Practical Evaluation of Fatigue Test by the Use  
of Probability Theory, by H. Katolesy.

GERMAN, per, Materialprufung, Vol 9, June 1967,  
pp 213-217.

BISI 5806

NLL Ref: 9022.06(5806)

Sci/Mat

May 68

358,158

English Title Unknown, by G. Heydemann,  
N.V. Waubke, 3pp.

GERMAN, per, Materialpruf, 9, No 6,  
June 1967, pp. 231-233.

\*CFSTI TT 70-59035

AVAILABLE FROM USDI/BR ONLY

May 70



A Simple Device Developed for Recording Defects  
Uncovered During Ultrasonic Testing of Sheet, by  
H. J. Kopineck.  
GERMAN, per, Materialprufung, Vol 9, No 9, 1967,  
pp 339-342.  
HB 7308

Sci/Mat  
Feb 68

349,473

The Determination of Hardness, Plasticity and  
Resistance to Cracking in Relation to Wear and  
Some Nonmetallic Materials, by G. Gommel.  
GERMAN, per, Materialprüfung, Vol 9, No 10,  
1967, pp 365-371.  
NLL Ref: 5196 (1419)

Sci/Mat  
May 69

380,981