

Center for Agronomic Research Program Described,
(Africa), 5 pp.
FRENCH, np. Terre Africaine, Bangui, 15 Dec 1969,
p 4.
JPRS 49655

Sci-Agri
Feb 70

400,623

Ballistic Metrology, by J. M. Dupont, 5 pp.
FOR OFFICIAL USE ONLY
FRENCH, per, Terro, Air, Mer, 25 Mar 1965, pp 33, 34
pp 32, 33. 9697689
FSTC 381-T65-267

WE
M11
Aug 65

287,260

Small Holes, Large Holes - or the Art and Manner
of Moving Earth Without Effort, as
Shown by the Srd Engineers, by Bernard Attali.
FRENCH, per, Terre, Air, Mer No 76, 25 October
1965, pp 20-22.

ACSI J-0258

ID 2204035066

Sci- ~~RxxxxSkx~~

WE/Fr/Mil

Jul 66

Activity at Pierrelatte Described, by
Michel Chevalet, 11 pp.
GOVERNMENT USE ONLY
French, review, Terre, Air, Mer, Paris,
No. 120, 25 Oct 67, pp. 26-30.
JPRS GUO 2715

Sci-Nuclear Sci. and
Technology
Feb 68

351,660

Nuclear Submarine Weapon Launchers and Their
Logistic Support, 15 pp.

FRENCH, per. Terre Air Mer, No 139, 5-20 Sept 1968,
pp 29-32.

DIA IN 44-69

WE

MI1

Jan 69

372,694

Brest War Harbor.
FRENCH, per, Terre Air Mer, 1970, pp 30-34.
DIA LN 221-71

Aug 71

The 1970 Naval Exposition , by Paul Parfond
FRENCH, par, Terre, Air, Mer, No 187, 1970,
pp 29-31.
NAVY/NISC-3337-72

Oct 72

THE ACRA ANTI-TANK FIRING SYSTEM

LANGUAGE-FR COUNTRY-FR

SYSTEME D'ARME ACRA

TERRE, AIR, MER NO188 NOV 23, 70 P15

FSTC-HT-23-2255-72

J. Gaspart

New mirage G and F series in development and production.
6 pp.

FRENCH, Terre Air Mer, 1971, pp 34-37

AIR/FTD-HC-93-1064-72

U.S. GOV'T USE ONLY. COPYRIGHT INFORMATION

NOV 72

Airborne Troops, 12 pp.
GOVERNMENT USE ONLY
FRENCH, per, Terre, Air, Mer, 16 March 1971.
ARM/FSTC/HT-23-1535-71

Mar 72

The Fleet Training Center, by Paul Parfond
French, par, Terre, Air, Mer, No 192, 1971, pp 20-22
NAVY/NISC-3338-72

Oct 72

THE SWEDISH TANK - I K V 91

LANGUAGE-FR COUNTRY-SW

TERRE AIR MER SEP 71 NO 206 P 12

FSTC-HT-23-0395-73

APX260 AND APX334 GYROSTABILIZED RANGEFINDERS
FOR USE IN MOUNTAINOUS TERRAIN

LANGUAGE-FR COUNTRY-FR

LUNETTE GYROSTABILISEE POUR LE SECOURS EN MON
TAGNE

TERRE, AIR, MER N0207 15 OCT 1971 P15

FSTC-HT-23-2239-72

THE MARDER--NEW COMBAT VEHICLE OF WEST GERMAN
Y

LANGUAGE-FR COUNTRY-WG

TERRE,AIR,MER NO214 JAN 72 P11

FSTC-HT-23-0380-73

AUTOMATIC WEAPONS FOR AIRCRAFT, HELICOPTERS, AND
LAND VEHICLES

LANGUAGE-FR COUNTRY-FR

TERR, AIR, MER NU214 JAN 72 PP16-17

FSTC-HT-23-0381-73

FRENCH ANTI-AIRCRAFT WEAPONS

LANGUAGE-FR COUNTRY-FR

TERRE, AIR, MER NO 214 JAN 72 P21

FSTC-HT-23-0382-73

THE FIRST JUMPS

LANGUAGE-FR COUNTRY-FR

TERRE, AIR, MER NO223, 1JUNE72 PP33-37

FSTC-HT-23-0747-73

GIRLS WITH AMARANTH BERETS

LANGUAGE-FR COUNTRY-FR

TERRE, AIR, MER, JUNE 1972 PP38-42

FSTC-HT-23-~~8-111~~

-0748-73

Soils and Waters, by Regie Presse, 20 pp.
FRENCH, par, Terres et Eaux, 1967, pp 39,
40-46.
DIA LN 916-68

Sci/Ear Sci
Oct 68

366,782

The Influence of Thermal Power Plant on Rivers-
Part 2, by A. Goubet.
French per, Terres et Eaux, Vol 20, Mar-Apr 1969,
pp. 53, pp 32-52.
CEGB
C.E. Tr 5273

Sci-Phys
Mar 70

402,574
Serial No

Panama Constructs Its Own Canal, 5 pp.
GOVERNMENT USE ONLY
SPANISH, np, Tesis, 17 Jan 65, pp. 1-6.
JPRS GUO 731

LA-Panama
Pol
May 65

280,104

Plurality of Socialist Forms Reexamined, by
Roger Garaudy, 13 pp.
GOVERNMENT USE ONLY
FRENCH, np. Le Testament de Varga. Paris, 1970,
pp 9-26.
JPRS/L 3048

WE-France
Fol
Aug 70

Testing the Polycyclic Hydrocarbons Which are Possibly Present in the "Liquid Smoke" Determining the Benz (A) Pyrene Dibenz (A,H) Anthracene and Other Polycyclic Hydrocarbons, by Titus Constantnesu, 11 pp.

TESTAREA HIDROCARBURILOR POLICICLICE EVENTUAL PREZENTE IN "FUMUL LICHID", pp 373-376.

FSTC-HT-23-555-71

ACSI J-9637

Feb 73

On the Relationship Between the -
Electron Distribution and the Chemical
Properties of Hydrocarbons, by F. Korte.
GERMAN, per, Tetrahedron, Vol 21, 1965,
pp 1287-1291.
NTC 72-10551-07C

Apr 72

Identification of Intra-Molecular Mobility
by NMR Spectrometry, Pt 3, by

H. Kessler.

GERMAN, per, Tetrahedron, Vol 24, 1968,
pp 1857-1867.

NLL Ref 5828.4F (12938)

Chem
July 69

385-358

ATS

1369-GJ HASHISH. PART 18. SYNTHESIS OF TETRAHYDROCANNABINOL FROM OLIVETOL AND PULEGONE, U. Claussen et al., Tetrahedron 24, 2897-8 (1968).
700 W; 3 R \$ 3.95 (\$0.65)

Mass Spectrometer Study of Some Natural
C-Glucosyl Compounds, by A. Prox.
EUROPEAN, per, Tetrahedron, Vol 24, 1968,
pp 3697-3715.
NTC-71-14810-07C

Feb 72

Synthesis of Casein Peptides, According to
Merrifield's Method L-VAL-L-ASP-L-GLU-L-GLU-L-
GLU-D, L-SER-L-ILE-L-ALA-L-MET-L-GLU-L-LYS, by
K. H. Ney.
GERMAN, per, Tetrahedron, No 24, 1968, pp 6619-6624.
HEW NIH
S-17-69

Sci/B&M

New Polymethine Synthesis. Part III. Preparation
of Mono-cis and Di-cis-fixed Cyanines, by

H. E. Nikolajewski, S. Daehne.

GERMAN, per, Tetrahedron, Vol 24, 1968,
pp 6685-6694.

HTC-69-16042-07C

Sci-Chem

Feb 70

403,013

Stereochemical Investigations with Substituted
Vicinal Dihalogenoethanes, by G. Heublein
GERMAN, per, Tetrahedron, Vol 25, 1969, pp 329-334
NTC 71-16424-07C

mar 72

2, 3, 5, 6-Tetraamino-1, 4-Benzoquinone (TABC)
Production, Properties and Reactions, by
E. Winkelmann,
EUROPEAN, per, Tetrahedron, Vol 25, 1969,
pp 2427-2435.
NTC-70-13066-07C

Feb 72

Proton Magnetic Resonance Spectroscopy of
Unsaturated Ring Systems. Part XV. H, H-
Coupling Constants and π -Electron Structure
in Unsaturated Six-Membered Rings, by
J. B. Pawliczek,
GERMAN, per, Tetrahedron, Vol 26, 1970, pp 1755-
1769.
NTC-71-10891-07D

Nov 71

Alkylation of Indole Compounds by
Hydroxymethyl, Aminomethyl, and
Halomethylphenols, by G. Decodts,
GERMAN, per, Tetrahedron, Vol 26,
1970, pp 3313-3323.
NTC 72-10406-07C

Apr 72

**The Valence-Isometric System: 9,10-Dihydro-9,10
Ethenonaphalene-1,6-Ethano-Cyclodecaphenane, by
E. Vogel, W. Maier and J. Musser.**

**CHIRAL, rpt, Tetrahedron Letters, No. 6, 655-660,
1966.**

**RSEC-544
9700505**

FOR OFFICIAL USE ONLY

**Chem
Aug 66**

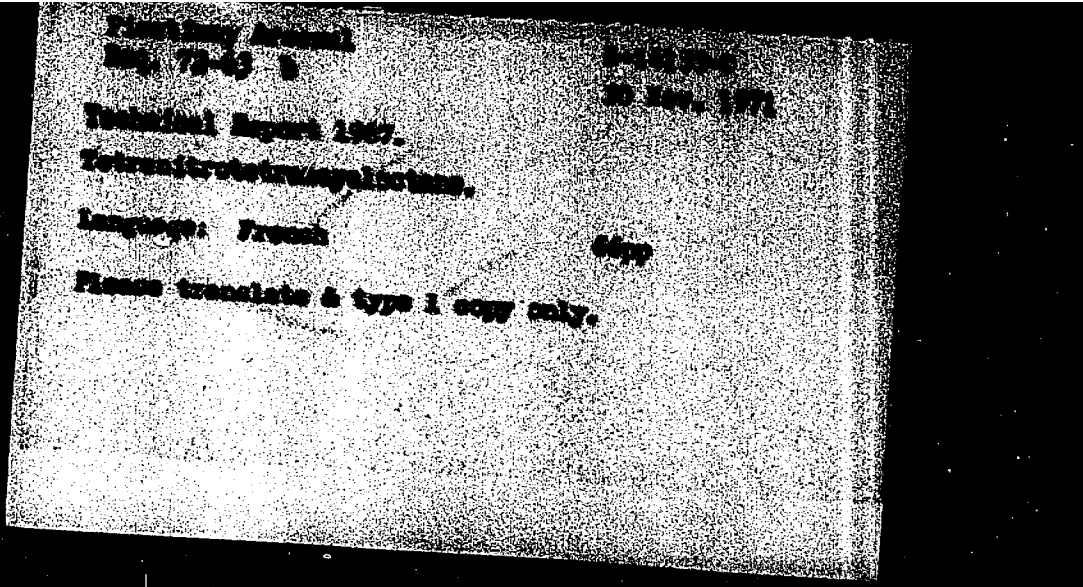
308,562

Horner, L.
Hydrogen Transfer Process. Part 17. Hydrogenation
and Isomerization of Olefins with Homogeneous
Dissolved Phosphinerhodium Complexes. TETRAHEDRON
LETTERS, pp4023-4026, 1968.
NTC-72-14684-07C

Jan 73

Effect of Substituents on Tautomerism-Equilibrium
of Cycloocta-1, 3, 5-Trienebicyclo(4, 2, 0) Octadiene,
by R. Huisgen.
EUROPEAN, per, Tetrahedron Letters, No 50, 1968,
pp 5215-5219.
NTC 72-14447-07C

Jan 73



The Influence of Substrate- and Finishing Material
on a Number of Properties of Coated Fabrics,
by L. C. Mets.
HUNGARIAN, per, Tex, vol. 26, no. 7, pp. 456 et al.
L1967.
NTC 71-12824-11E

July 1971

Practical Fabric Geometry. Part II., by L. Hongstman.
DUTCH, per, de Tex, Vol 28, No 2, 1969, pp 69-70.
NTC-71-10059-11E

Nov 71

Practical Fabric Geometry. Part III., by L. Hengstman.
DUTCH, per, de Tex, Vol 28, No 3, 1969, pp 119-122.
NTC-71-10060-11E

Nov 71

Practical Fabric Geometry. Part IV, L. Hengstman.
DUTCH, per, de Tex, Vol 28, No 4, 1969, pp 178-183.
NTC-71-10061-11E

Nov 71

70-13375-07C

Daeuble, M.

METAL COMPLEX DYES IN THE DYE PLANT. *de Tex.*
v. 28, n. 4, p. 189-192; n. 5, p. 238-240, 1969.

Order from NTC as 70-13375-07C: HC \$ 7.60, MF \$ 5.80.

Hydrolysis of Reactive Dye Models, by A. Uibel,
D. Wagner.
GERMAN, per, TextBer, Vol 49, No 4, 1968,
pp 457-460.
CSIRO/No 9448

Sci/Mat
July 69

387-236

Spinning Systems with Separate Formation and
Winding of Yarn, by M. Wilfert.
CZECH, per. Textil, Vol 20, No 8, 1965, pp 289-
292.
NLL 5828.4F (5945)

Sci-Mat
Jul 68

361,664

Theoretical Study of the Passage of Fibres in
Spinning Systems with Separate Twisting and Winding
of Yarn, by J. Ripka.

CZECH, per, Textil, No 20, 1965,
pp 292-296.

NLL Ref 5828.4F (7436)

Mat
July 69

385-345

Spinning Systems with Separate Formation and
Winding of Yarn, by H. Wilfert.
CZECH, per. Textil, Vol 20, No 9, 1965, pp 340-
343.
NLL 5828.4F (5944)

Sci-Mat
Jul 68

361.665

The Spindleless Spinning Machine KS 200 - An
Innovation in Textile Technology, by L. Cizek.
CZECH, per, Textil, Vol 20, No 10, 1965, pp 370-
371.
NLL 5828.4F (5943)

Sci-Mat
Jul 68

361,660

Woolen Type Fabrics with Increased Stretch, by
A. Kolar, W. Leitner.
CZECH, per. Textil. Vol 20, No 10, 1965, pp 374-
376.
NLL 5828.4F (5942)

Sci-Mat
Jul 68

361,663

Testing of Water Proof and Water Repellent
Textiles, by J. Strecky.
CZECH, per, Textil, No 2, 1966, pp 74-75.
ACSI J-4410
ID 2204007368

Sci/Mech
June 68

358,291

ATS

CJ-5639 HYDROPHILIZATION OF POLYAMIDE FIBER, J. Frynta et al., Textil. 21, 233-5 (1966). Review covers grafting of a hydrophilic polymer (methacrylic acid) & resulting changes in physical properties.
2800 W; 1 T; 6 F; 30 R \$11.85 (\$2.20)

Fibre Orientation in Slivers, by V. Lihka.
CZECH, per, Textil, Vol 24 (11), 1969, pp 364-366.
*NTIS TT 72-56060

June 72

Climatic Technological Conditions in Stor/shouses in the
Cotton Industry, by F. Nemic.
CZECH, per. Textil, Vol 26, No 6, 1971, pp 184-187.
*WTIS TT 72-56064

June 72

J. BUCHAN

Properties of crimp textiles evaluated. 8 pp.
CZSCH, per, Textil, Vol. 26, No. 7, 1971, pp 236-237
AIR/FTD-HC-23-824-72

US GOV'T USE ONLY. COPYRIGHT INFORMATION

sept 72

Chemical Fibers, Partners in the Modern Transportation Industry, by J. Thiam.
FRENCH, per, Textiles Chimiques, Vol 27, No 11,
1971, pp 15-31.
NFC 72-14289-11E

Jan 73

IR Spectroscopic Analysis of the Core-
sheath Structure of Polyamides, by
G. Heidemann.
FRENCH, per, Textiles Chimiques, Vol 27,
No 2, 1971, pp 19-27.
NTC 72-10087-11E

Apr 72

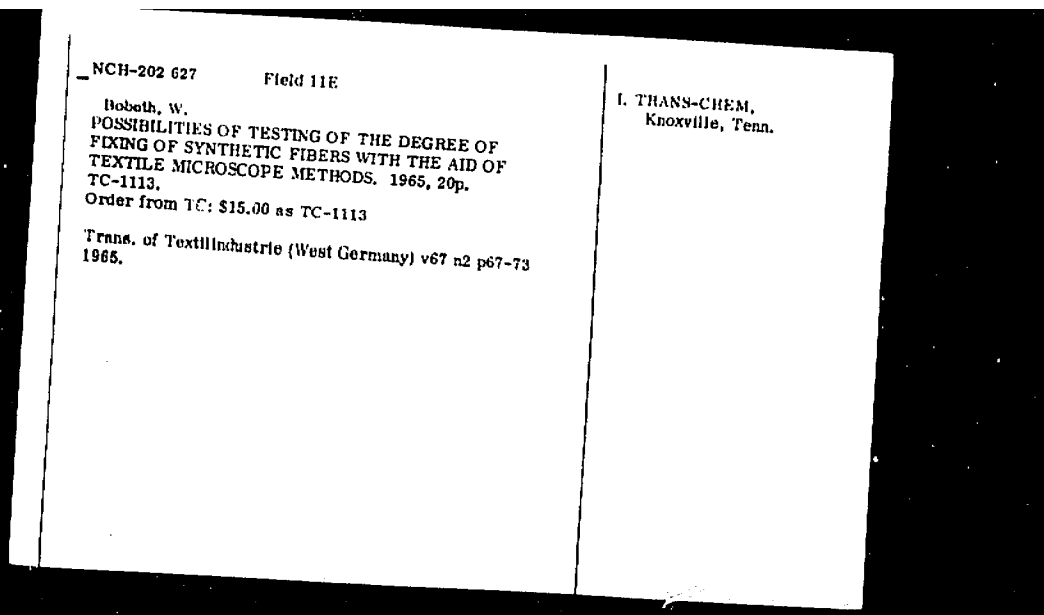
The Present State of Development of
Tire Cord From the Point of View of
Different Raw Materials, by H. J. Studt.
FRENCH, per, Textiles Chimiques,
Vol 26, 1970, pp 73-85
NTC 72-12187-11E

July 72

J. K. Thimm

Types of Modified Polyester Fibers.
ITALIAN, per, Textilia: la Rivista delle Industrie
Tessili, Vol 46, No 1, 1970, pp 7-14
NTC 72-12633-11E

sept 72



Problems During Processing of Elastic Yarns
in the Knitting Industry, by H. W. Krause.
GERMAN, per, Textilindustrie, Vol 70, No 11,
1968, pp 793-800.
NTC-69-16014-11E

Sci-Materials
Feb 70

403,037

Dry Non Woven Fabrics, Production and Application,
by G. L. Nottebohm.
GERMAN, per, Textilindustrie, Vol 71, No 3,
1969, pp 172-179.
NYC-69-15989-11E

Sci-Materials
Feb 70

403,080

Selection of Dyestuffs for Dyeing Polyester and
its Blends with Cellulose Fibers. Part IV
The Effect of the Chemical Composition of Dispersion
Dyes on their Stability to Sublimation and Light,
by J. Sramek.
EUROPEAN, per, Textil. Praha, Vol 25, 1970, pp 375.-
379.
NTC-71-16025-11E

Jan 72

Protecting Wool From Damage on the Sheep and During
Shoaring and Baling, by H. Doehner.
GERMAN, per, Textil-Praxis, Vol 20, 1965, pp 97-99.
NTC-71-10274-11E

Nov 71

Experience in Proper Wool-Storage, by H. Krawehl.
GERMAN, per Text.-Prax. Vol. 20, No. 2, 1965, pp 99-104
CSIRO/No. 7541

Sci -
Aug 67

338-504

Current State of Mothproofing with Eulan, by K.
Langheinrich.

GERMAN, per, Textil-Praxis, Vol 20, No 2, 1965,

pp ~~20~~ 119 - 123

CSIRO/No 7539

Sci -
Aug 67

336,698

Determination of the Phototropy of Colours. by G.
Hornuff.

GERMAN, per Textil Praxis, Vol. 20, No. 3, 1965

pp 225-229

CSIRO/No.7582

Sci -

Sep 67

339-819

Bonding Stiffness and Recovery of Textile Materials,
by W. Frenzel.
GERMAN, per Text-Prax. Vol. 20, No. 6, 1965, pp 505-510
CSIRO/No. 7741

Sci -
Aug 67

339-450

Correlations Between the Occurrence of Hairpin Slubs
in Yarns From Three-Cylinder and Four-Cylinder
Spinning Frames and Climatic And Spinning Conditions.
by J. Lunenschloss, H. Rottmayr.

GERMAN, per, Text-Prax. Vol. 20, No. 8, 1965

pp 642-649

CSIRO/ No. 7798

Sci -

Aug 67

337-238

The Chemical Modification of Cellulose Fibers,
by E. P. Frieser.

GERMAN, per, Textil Praxis, Vol 20, 1965,
pp 928-934.

Chem Trans Sv 2960

326, 383

Sci - Chemistry

The Chemical Modification of Cellulose Fibers,
by E. P. Frieser.
GERMAN, per, Textil-Praxis, Vol 20, 1965,
pp 1011-1017.
Chem Trans Sv 2961

326,394

Sci - Chemistry
May 67

Some Possibilities for Practical Application
of Paper Chromatography in Textile Chemistry,
by I. I. Buzznak.

GERMAN, per, Textil Praxis, Vol 6, 1966,
pp 432-439.

Chem Trans Sv 2874

326,381

Sci - Chemistry
May 67

Chemical and Physico-Chemical Changes of
Cellulose Triacetate Fibers by a Dry Heat
Treatment, by W. Fester, S. T. Liu.
GERMAN, per, Textil-Praxis, 1966, pp 440-448.
Chem Trans Sv 2870

326,383

Sci - Chemical
May 67

Rationalization Possibilities in the Sizing
Plant - Uniform Sizing in Practical Use, by
K. Mostert.
GERMAN, per, Textil Praxis, 1966, pp 448-451.
Chem Trans Sv 2918

326,388

Sci - Materials
May 67

Effect of Thermal Pretreatment on the
Sonic Modulus of High-Polymeric Fibers, by
W. Wegener.
EUROPEAN, per, Textil-Praxis, Vol 21, No 11,
1966, pp 806-809.
NTC-70-13203-11E

Feb 72

Current Activity in the Area of Acrylic
Fibers. Part I, by E. Bobek.
GERMAN, per, Textil-Praxis, Vol 22, 1967,
pp 153-155.
NTC-71-11533-11E

Feb 72

Electronic-Photometric Methods for the Measurement
of the Crease Resistance of Rapid Iron-Finished
Textiles, by K. Dimov.
BULGARIAN, rpt, Textil-Praxis, No 6, 1967, pp 434-438.
NTC-71-10487v11E

Nov 71

Microscopic Study of Torsionally Stressed Fibers,
by W. Wegener, K. Rupprecht.
GERMAN, per, Textil-Praxis, Vol 23, No 10,
1968, pp 670-675.
NTC-69-13102-11E

Sci-Mat
Sept 69

392,764

The Productivity of Weaving Looms as a Profitability Factor, by H. Kirobenberger.
GERMAN, per, Textil Praxis, Vol 23, No 11,
1968, pp 729-736.
NLL Ref: 5828.4F (M 7667)

Sci-Materials
Nov 69

395,706

Will the Dyers of the Future Still Use Water,
by P. Senner.
GERMAN, per, Textil-Praxis, No 24, 1969, pp 98-103.
NLL Ref: 5828.4; (M 7695)

Sci/Mat
Dec 69

398,870

Distribution of Pressure in Drawtwist
Bobbins, Part II, by W. Wegener.
EUROPEAN, per, Textil-Praxis, Vol 24,
No 5, 1969, pp 301-307.
NTC-70-13205-11E

Feb 72

The Texturizing of Chemical Fibers (Thread)
in a Stream of Air, by J. W. Luenenschloss.
GERMAN, per, Textil-Praxis, Vol 24, 1969,
pp 579-583.
NTC-70-12813-11E

Feb 72

Technology and Manufacture of Tire Cord, by R. Knur
HUNGARIAN, per, Textil-Praxis, vol. 25, 1970, pp.
270-274.
NTC 71-11107-11E

August 71

New Knowledge in the Field of False-Twist
Texturizing, by E. H. W. Hegener.
EUROPEAN, per, Textil-Praxis, Vol 26, No 2,
1971, pp 88-93.
NTC-71-16107-11E

Feb 72

The Influence of Spooling on Yarn
Properties, by J. Luenenschloss.
EUROPEAN, per, Textil-Praxis, Vol 26,
1971, pp 341-347.
NTC 72-10607-11E

May 72

Continuous Chlorination of Wool as Preliminary Treatment, by W. Bitterli.

GERMAN, per, Textil-Rundschau, vol. 19, no. 3, 1964, pp. 132-137.

ntc 71-11195-11E

August 71

Dyeing With Sodium Bromite NaBrO_2 , by R.
Greytag.

GERMAN, per, Textilveredlung, Vol 1, No 6,
1966, pp 291-295.

Chem Trans Sv 2947

326,390

Sci - Chemistry
May 67

Influence of the Processing Technique on
the Finishing Effect with Consideration of
the Chemical Constitution of N-Methylol
Compounds, by H. Bille, W. Rummens.
GERMAN, per, Textilveredlung, Vol 2, No 6,
1967, pp. 317-326.
CSIRO/9179

Sci-Mat
Aug 69

389,618

70-13374-11B

Schork, C.

THE DYEING OF DIFFERENTIAL-DYEING FIBERS.

Textilveredlung, v. 2, p. 659-664, 1967. Figs. omitted.

Order from NTC as 70-13374-11E: HC \$ 6.70, MF \$ 5.80.

Space-Dyeing-a New Method of Colouring Yarn, by
W. Badertscher.
GERMAN, per, Textilveredlung, Vol 2, 1967,
pp 864-869.
NLL Ref 5828.4F (7441)

July 69

384-661

SCHEFER, W. Changes in wool due to treatment with he
in dressing.
Textilveredlung 3(5):231-7 (1968) (CSIRO/No. 9844)

Adsorption Behavior and Diffusion Phenomena
Displayed by Textile Dyestuffs, Particularly
in Wool Under Short Liquor Ratio Conditions,
by H. Niederer, P. Ulrich.

GERMAN, per, Textilveredlung, Vol 3, No 7,
1968, pp 337-344.
CSIRO No 9805

Sci-Materials
Dec 69

398,242

Woven and Fleece Goods (Non-woven), by
W. Iseli.
GERMAN, per, Textilveredlungen, Vol 3, No 9,
1968, pp 481-490.
NTC-69-16507-11E

Sci-Materials
Feb 70

403,130

Considerations for the Problem of the Relationships between the Structure of Fibers and the Properties of Fiber, by H. Krassig.

GERMAN, per, Textilveredlung, Vol 4, No 1, 1969, pp 26-37.

NYC-69-15758-11E

Sci-Materials

Feb 70

403,079

ZWEIDLER, R. and GEIGY, J. Introduction into the chemi
of optical brightness.
Textilveredlung 4(2):78-87 (1969) (CSIRO/No. 9926)

The Processing of Textured Yarns in the
Weaving, Knitting, and Hosiery Industries,
by H. W. Krause.
EUROPEAN, per, Textilveredlung, Vol 4, No 3,
1969, pp 143-150.
NTC-70-13204-11E

Feb 72

Modified Synthetic Fibers With Improved Ability to
be Dyed: Synthesis and Structure, by H. G. Elias.
GERMAN, per, Textilveredlung, Vol 4, 1969, pp 663-
670.

NTC-71-10548-11E

Nov 71

The Antimicrobial Impregnation of Textiles, by
K. H. Walhauser, K. Fischer, 27 pp.
GOVERNMENT USE ONLY
GERMAN, per, Textil Veredlung, Vol 5, No 1, 1970,
pp 4-14.
ARM/FTIC/HT-23-1169-70

June 71

Physical and Chemical Fundamentals
of the Soiling and Adhesion Behavior
of Fiber Materials, by H. -J. Jacobasch.
GERMAN, per, Textilveredlung, Vol 5,
1970, pp 385-391
NTC 72-11603-11E

June 72

Description of the Reactions of Flame-retardant
Agents With Cotton and Polyester, in the Pyrolysis
Range, by P. Hofmann.

GERMAN, per, Textilveredlung, Vol 5, 1970, pp 486-
497.

NTC 72-14108-11E

Jan 73

Principles of Texturizing, by
H. Maier.
EUROPEAN, per, Textilveredlung, Vol 5,
1970, pp 621-626
NTC 72-11404-11E
NTC 72-14042-11E

June 72