

On the Aerobic Decomposition of Cellulose by
Bacteria: Recent Work, by S. Wonegradsky. 16 pp.
FRENCH, per, Bulletin Institut Pasteur [Paris],
Vol 30, 1932, pp 369-379.
SLA TT-64-10330

Sci/B&M
Jun 67

327,768

Atmospheric Oxidation of Abietic Acid, by G. DuPont,
J. Duboué

FRANCE, Rev. Bull. de l'Institut du Pin, No 52,
Sep 1928, pp 205-207.

S.I.A. Tr. Pool

Scientific - Chemistry
CTC/DEX

14,307

Oxidation of Abietic Acid by Mercuric Acetate, by
Georges Rouin

~~FRANCE, par, Bulletin de l'Institut du Pin, No 7,~~
~~1930, pp 155-157.~~

S.L.A. Tr Pool

Scientific - Minerals/Metals
OTS/DEK

14,279

Dipinases, by R. Doulou

FRENCH, ~~Doc. Bull. Inst. P.A.~~ No 2, 1931, pp
159-160, 173-176, 189-200, 219-221.

S.L.A. Tr ~~Popul~~

Scientific - Chemistry

CIS/DEX
J

14,306

The Chemical Constituents of Slash Pine (Pinus
Caribaea, Morelet), by J. A. Hall, O. Gisvold

FRENCH, ~~Det.~~ Bulletin de l'Institut du Pin, Vol III,
No 23-24, Nov/Dec 1956, pp 256-258.

S.L.A. Tr Pool

Scientific - Chemistry

CTS/UX

14,189

Some Nitroated Derivatives of Abietic Acid, by H. M.
Dubourg

FRESCH, rev. Bulletin de l'Institut de Pin, No 41,
Oct 19 7, pp 341-346.

S.L.A. Tr Pool

Scientific - Chemistry
CTS/DEX

14,305

The Ultraviolet Yield From a Discharge Tube
by I. Agardbucanu, H. N. Stanescu, A. Popa, I. V. 1957
9 pp.

ROMANIAN, 1957, Bul Inst Politehnice Bucuresti, Vol. 1, No. 3, 1957.

AEC tr-3899

Sci
Feb 60

107, 189

Braniste, C., Nichita, O. and Serban, S.
UTILISATION DES RESIDUS DE Na_2SO_4 LORS DE LA
PREPARATION INDUSTRIELLE DU BICROMATE
POUR L'OBTENTION DE SILICATE DE SOUDE
(Utilizarea Deșeurilor de Sulfat de Sodiu de la Fabricarea
Bicromatului Pentru Obținerea Silicatelui de Sodiu)
(Use of Sodium Sulfate Wastes from the Manufacturing
of Sodium Dichromate, for the Preparation of Sodium
Silicate). 25p. (foreign text included). 5 refs.
CNRS-VIII bis 394.
Order from OTS, ETC or CNRS \$0.95 TT-62-28141

Trans. in French of Institutul Politehnic, Iasi.
Buletinul (Romania) 1955, v. 1(5) no. 1/2,
p. 78-88.

DESCRIPTORS: *Chromates, Production, Wastes
(Industrial) *Sodium compounds, Sulfates,
*Silicates.

(Chemistry--Inorganic, TT, v. 11, no. 6)

TT-62-28141

- I. Braniste, C.
- II. Nichita, O.
- III. Serban, S.
- IV. CNRS-VIII bis 394
- V. Centre National de la Recherche Scientifique, Paris

Office of Technical Services
European Translation Centre

Improvements in Turbogenerating Sets With Homopolar
Generators, in Part I., by G. D'Alben, G. Allineai, et al,
38 pp.

ITALIAN, per, Bul Inst Politeh Iasi, Vol II, 1956,
pp 253-272.

AEC HP Tr-876

Sci - Engr
Jul 62
List 70

207.5-15

Starzhinski, V. M.
ON THE STABILITY OF PERIODIC MOTIONS (Ob
Ustoichivosti Periodicheskikh Dvizhenii, 1). PT. I.
LINEAR DIFFERENTIAL EQUATIONS OF SECOND
ORDER AND SYSTEMS OF TWO LINEAR DIFFER-
ENTIAL EQUATIONS OF SECOND ORDER WITH
PERIODIC COEFFICIENTS

R. F. Rinehart, tr. 1963, 63p
Order from AMS in American Mathematical Society
Translations, 1963, ser. 2, v. 33 (p. 59-121)

Trans. of Inst. Mat. Politehn. (ic) Inst. Bulletin
(Rumania) 1958, v. 4(8) no. 3/4, p. 19-68.

DESCRIPTORS: Motion, Stability, *Equations of
motion, *Differential equations

(Mathematics, TT, v. 11, no. 8)

TT-64-12646 (p. 59-121)

- I. Title: Luspunov method
- I. Starzhinski, V. M.
- II. Title: Linear...
- III. American Mathematical
Society, Providence, R.I.

*Amer mat Soc
pp 16-68*

Office of Technical Services

Savin, Ch., Dumitrescu, Svetlana and others.
ON THE MAGNETIC PROPERTIES OF THE THICK
LAYERS OF NICKEL DEPOSITED ELECTROLYTI-
CALLY IN A MAGNETIC FIELD. [1962] 5p.
Order from K-H 11477

Trans. of Inst[itu]t Politehnic, Iasi. [Bul[etinu]l] ,
(Rumania) 1959, v. 5(9) p. 3-4.
Another trans. is available from SLA \$1.10 as
62-20256 [1962] 5p.

DESCRIPTORS: *Nickel, Electrodeposition, *Magnetic
properties, Magnetic fields.

(Physics--Magnetism, TT, v. 9, no. 9)

62-17612

- I. Savin, C.
- II. Dumitrescu, S.
- III. K-H-11477
- IV. Kresge-Hooker Science
Library Associates,
Detroit, Mich.

Office of Technical Services

Starzhinskiĭ, V. M.

ON THE STABILITY OF PERIODIC MOTIONS (Ob
Ustoičivosti Periodičeskikh Dvizhenii, II) PT. II,
LINEAR DIFFERENTIAL EQUATIONS AND HIGHER
ORDER SYSTEMS WITH PERIODIC COEFFICIENTS
N. H. Choksy, tr. 1963, 65p 146refs
Order from AMS in American Mathematical Society
Translations, 1963, ser. 2, v. 33 (p. 123-187)

Trans. of Institutul Politehnic [J. Politehnica] (Buletinul)
*Romania) 1959, v. 5(9) no. 1/2, p. 51-100.

DESCRIPTORS: Motion, Stability, *Equations of
motion, *Differential equations, Matrix algebra

(Mathematics, TT, v. 11, no. 8)

TT-64-12646 (p. 123-187)

- I. Title: Lyapunov method
- I. Starzhinskiĭ, V. M.
- II. Title: Linear...
- III. American Mathematical
Society, Providence, R. I.

Office of Technical Services

(DC-5090)

Soviet Chemical Nomenclature, by Gh. Rozmarin, .
35 pp.

RUMANIAN, per, Buletinul Institutului Politehnic
din Iasi, Vol V (IX), Nos 3-4, 1959, pp 177-193.

JPRS 8368

Sci - Chem

155,463

Jun 61

4-18-6

FTD(TDBDE-1)

For D/C

BT66-10-11117

AUTHORS: CAPPELLAN, W.M.; DINGERKUS, O.; RATH, W.

SOURCE: BULETINUL INSTITUTULUI POLITEHNIC DIN IASI
SERIE NOUA, VOL 3, Nr 3-4, 1962, pp 19-24

ENGLISH: SQUARING AND MULTIPLYING OF POLYNOMIALS

Contribution to the Problem of Utilizing
the Waste Liquors From Solvay Soda
Ash Plants, by C. Leonte.

RUMANIAN, per, Buletinul Institutual
Politehnic Iasi,

Vol VIII(12) No 3/4 1962, pp 121-128.

ATS 19R76RU

Jun 67

327, 236
23

The Influence of Ultrasonics on Electrode Processes
for the Formation of Oxygenated Chlorine Compounds
on a Rotating Platinum Electrode, by S.Lica and
G.Tudorache.

RUMANIAN, per, Bul. Inst Politehnic, 1963, vol.25,
no.2, pp.35-46.

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Chem
Aug 66

307,790

order from NTC

BULLETIN DE L'INSTITUT R. DES SCIENCES NATURELLES
DE BELGIQUE
1956 VSE N21 P1-30 70-21101 (C)

Contribution to the Study of the Fauna of
Afghanistan. 2a. Acarines Collected in the
Underground Domain, by J. Coorman, 4 pp.

FRANCE, par, Bull Inst Roy Sci Nat Belgique,
Vol XXXVI, No 12, 1960, pp 10-15. [Partial
Translation].

NIR 4-50-02
(Loan)

1960, 1961

Sci - Gen

Jan 62

TRI 63-26

Direct Study of the Contamination of Soils in Place
by the Autoradiographic Method, by P. Bovard, A.
Grauby.

FRENCH, per, Bull Inst Sci et Tech, No 53, 1961,
pp 2-6.

*ABC

Sci - Biol
Aug 62

On the Terms of Application of Pearson's
Chi-Square Criterion, by A. Vassierou.
FRENCH, per. Bulletin de l'Institut International
de Statistique, Vol XXVI, No 3, 1958, pp 87-101.
NIH 6-1-64

Sci - Biol & Med
Aug 64

264,274

Analysis of the Morphological Potential and a Plan for a
New Classification of the Peltari, by R. Verheyen.
FRANCE, par. Bulletin de l'Institut Royal des Science
Naturelles de Belgique, Vol XXXII, No 55, 1956,
pp. 1-49.
CSRO/No. 6218

Sci - Biol/Med
Apr 64

254,583

General Perturbations of the Elements of
Artificial Lunar Satellites, by V. A. Brumberg,
37 pp.
RUSSIAN, per, Bulleten' Instituta Teoretiche-
skoy Astronomii, Vol VIII, No 10 (103), 1962,
PP 705-732. P500018968
Dept of Navy/NIC Trans No 2492

Sci-Space Tech
Feb 68

350,629

Ivanov, N. and Schneider, R.
A CELL WITH CIRCULATING BATH FOR MICRO-
SCOPIC STUDY OF THE PHENOMENA OF DYEING
FIBERS. [1961] 12p. 5 refs.
Order from SLA \$1.60

61-20713

Trans. of an unidentified article from Institut Textile
de France. (Bulletin, n.d., n.v.)

DESCRIPTORS: *Textile industry, *Synthetic fibers,
Production, *Dyeing, *Microscopic analysis, Tempera-
ture, *Wet cells, Electrical equipment, Chemical
analysis, Pipettes

A cell is described that can serve for study of the
action of any reagent on textile fibers or even, after
modification on objects other than fibers. It can be
placed on a hot stage (the Eisenberg type of Leitz for
example), which allows study at different tempera-
(Materials--Textiles, TT, v. 7, no. 5) (over)

61-20713

I. Ivanov, N.
II. Schneider, R.

Office of Technical Services

Gerard, M. G.
STATIC ELECTRICITY IN THE PROCESSING OF
SPUN YARNS. [1961] 29p.
Order from SLA mail 2.70. price \$4.80

61-14042

Trans. in French of Institut Textile de France.
Bulletin, 191B, no. 7, p. 9-19.

61-14042

1. Threads--Electrical properties
2. Threads--Processing
1. Gerard, M. G.

Institut Textile de France

(Materials--Textiles. IT, v. 5, no. 11)

Roehrich, O.
THE MATURATION OF COTTON: ITS CONTROL,
ITS IMPORTANCE. [1952] 17p.
Order from ELA no. 12.40, p. 33.30 61-14043

Trans. of Institut Technique de France, Bulletin, 1950,
no. 17, p. 9-32.

(Materials--Textiles, TT, v. 5, no. 11)

61-14043

1. Cotton textiles--Processing
1. Roehrich, O.

Hygroscopic Conditioning of Textiles, by E. Burlat.

FRENCH, per, Bulletin de l'Institut Textile de
France, No 18, 19, Apr, Jun, 1950, pp 33-49,
44-51.

CONFIDENTIAL
CONF-231

Western Europe - Economic

Jan 1952 CTB

16,802

The Behavior of Textiles in the Limit of
Acoustics. II. Study of the Acoustic
Properties of Textiles in the Domain of
Pseudo Absorption, by B. Bonnet.
FRENCH, par, Bull. Inst. Textile France,
Vol 19, No 119, pp 535-578; No 220,
pp 725-739.
Chem Trans Sv 2616

326,348

Sci - Physics
May 67

Contribution to the Study of Chlorite Bleaching
of Cellulose Fibres, by J. Maybeck.

FRENCH, per, Bull Inst Textil France, No 26,
1951, pp 23-64.

INSDOC-72148

Sci - Chem

Jun 59

89,558

Determination of the Threshold Values of Attack
on Cellulose by Sodium Chlorite Solutions in
Acid Medium, by H. F. Kocher.

FRENCH, per, Bulletin Institut Textile
de France, Vol XXXI, 1952, pp 19-90.

CSIRO

Sci - Chem

Mar 62

188,503

Testing the Resistance to Corrosion of
Different Materials, Vis-a-Vis Chlorite
Soda Liquors, Capable of Being Used
by Textile Industry, by Nrybeck and Ivanov.

²
FRENCH, per, Bull Inst Text France, 195^A,
p 23 and 1952, p 7.

~~IS~~DOC-T2137

Sci

Aug 58

72,506

Quintelier, G.
AN INTERPRETATION OF THE MEASUREMENT OF
SLIVER, ROWING, AND YARNS. [1961] 19p. (1 fig.
refs. omitted).
Order from SLA no. 1.40, p. 53.30

Trans. of Institut Textile de France. Bulletin 19...
no. 30, p. 57-53.

61-14044

1. Textiles--Processing
1. Quintelier, G.

61-140

1. D. M. 1. 1

Office of Technical Services

(Materials--Textiles, TT, v. 5, no. 11)

order from NTC

BULLETIN DE L'INSTITUT TEXTILE DE FRANCE

1952 N30 P379-386 78-23276 (C)

1952 N30 P467-476 78-23277 (C)

1952 N30 P13-34 78-23278 (C)

Pub. J. B.
FIREPROOFING OF FABRICS OF COTTON, RAYON,
AND OTHER CELLULOSIC FIBERS BY TREAT-
MENT WITH ALKANOLAMINE SULFAMATES. [1961]

1p, 2 refs.

Order from SLA md\$1.80, pt\$1.80

61-14045

Partial trans. of Industrie Textile de France. Bulletin,
1952, no. 30, p. 405-414.

61-14045

1. Textiles--Fireproofing
1. Pub. J. B.

151720

Office of Technical Services

(Materials--Textiles, TT, v. 5, no. 12)

Decatizing Wool Textiles, by M. Van Oberbeke.

FRENCH, par, Bulletin de l'Institut Textile de
France, No 38, 1953, pp 7-20.

C. S. I. R. O. T4301

Sci

May 60

115,686

Sarella, Alberto.

TWO PROCEDURES FOR THE MEASUREMENT OF
FABRIC EVENNESS AND PRELIMINARY RESULTS.
[1961] [7]p. (3 figs. omitted) 6 refs.

Order from SLA m\$1.80, pt\$1.80

61-14046

Trans. of Institut Textile de France. Bulletin, 1963,
no. 40, p. 63-74.

61-14046

1. Threads--Measurement
1. Sarella, A.

151768

Office of Technical Services

(Materials--Textiles. TT, v. 3, no. 12)

The Development of a Method of Bleaching Wool With Chlorite, by C. Schirle, J. Maybeck.

FRENCH, per, Bull Inst Textile France, No 45, pp 31-62, No 46, pp 29-68.

INSDOC-42139

Sci
Aug 59

94,536

Barella, Alberto.
NEW DATA ON THE FIBROSITY COEFFICIENT OF
FIBERS. (1961) 6p. (1 fig. omitted) 5 refs.
Order from SLA \$1.10 61-14516

Trans. of Institut Textile (de) France. Bulletin
1954, no. 46, p. 69-75.

DESCRIPTORS: *Fibers, Surface properties.

(Materials--Textiles, TT, v. 6, no. 1)

61-14516

1. Title: Fibrosity
1. Barella, A.

16172

Office of Technical Services

New Concepts Relating to the Hairness of Yarns, by
A. Barella.

FRENCH, per, Bull Inst Textile de France, Vol
XLV, 1955, pp 45-53.

CSIRO-2938

Sci

Aug 59

95,396

Influence of the Degradation of Wool on the Fastness
of Dyes to Various Wet Treatments, by M. V.
Overbeke.

FRENCH, per, Bull Inst Textile, France, No 58, 1956,
IP 49-56.

CSIRO-3149

Sci

Jul 59

92,701

Rochas, Paul
CHEMISTRY OF THE DEGRADATIONS OF CELLULOSE [1961] 40 p 19 refs
Order from SLA \$3.60 61-1673

Trans. of Institut Textile de France] Bulletin] 1957, no. 65, p. 157-160

DESCRIPTORS: *Cellulose chemistry, *Cellulose, Hydrolysis, Oxidation

Theoretically, there are 3 chemical mechanisms of cellulose alteration: (1) acid hydrolysis, involving breakage of the 1-4 acetalic bonds and multiplication of the terminal aldehyde functional groups, (2) oxidation, without macromolecular chain breakage, of alcohol functions in the aldehyde, ketone, or acid state and oxidation of 1-4 acetal functional groups in the ester function state, and (3) hydrolysis reactions caused by alkalis present in 1-4 acetalic bonds adjacent to ketone functions in position 3 as well as with (Chemistry--Organic, TT, v. 6, no. 7) (over)

61-1673

P. Rochas, P

1 2 3 4

Office of Technical Services

Felting Properties of Wool and Animal
Hair, by M. Leveau.

FRENCH, per, Bull de l'Institut Textile
de France, Vol LXVII, 1957, pp 19-35.

CSIRO 4705

Sci - Engr
Jul 62

204.870

Dynamometric Study of Textiles by Means of
an Electronic Integrator-Differentiator, by
J. Grignat, P. Monfort.

FRANCE, per, Bulletin de l'Institut Textile
de France, Vol LXIX, 1957, pp 31-48.

CSIRO 3946

Sci. Electron
May 62

198, 46.

Cohesion Of Worsted Yarns and Other Fibres by
A. Barella.

FRENCH, per, Bulletin de L'Institut Textile de
France, No 74, 1958, pp 47-71.

CSIRO Tr 4219

Oct. 62

Pariset, A.
THEORY OF WEAR. Pt. I of Wear-Resistance of
Cotton and Linen Fabrics. [1961] 26p.
Order from SLA \$2.40 61-14974

Trans. of (Institut Textile de France). Bulletin, 1958,
no. 75 [p. 7-25].

DESCRIPTORS: *Cotton textiles, *Textiles, Textile in-
dustry, Mechanical properties, Chemical properties,
Fibers, Deformation.

From a qualitative point of view, the theory outlined
makes it possible to characterize the mechanical be-
havior of a fabric from the mean load-stretch curve of
its fibers, and from the mean deformation imposed on
them by the construction of the fabric. It thereby per-
mits us to define purely mechanical wear as the loss of
mechanical resistance with no appreciable variation in
the load-stretch curve, and purely chemical wear as
the loss of mechanical resistance resulting from the
(Materials--Textiles, TT. v. 4, no. 8) (over)

61-14974

I. Parisot, A.
II. Title: Wear-Resistance...

180438

Office of Technical Services

TT-65-14191

Field 11E

Iwanow, N.; Schneider, R.

A CELL WITH CIRCULATING BATH FOR MICROSCOPIC
STUDY OF THE PHENOMENA OF DYEING FIBERS,
12p, 5 refs.

Order from SLA: \$2.60 at TT-65-14191

Trans. of Institut. Textile de France, Bulletin, n78 p27-36
1958.

MI 67

A Technique for Obtaining Longitudinal Sections of
Textile Fibers, Plastic Films, and Other Objects,
by N. Iwanow, R. Schneider,

FRENCH, par, Bull Inst Textile France, No 77,
1958, pp 55-62.

ATB 354-FJ

Sci - Chem

Aug 60

123,335

Experimentation on the Diffusion of Dyes, by
R. E. Peters, J. H. Petropoulos, 21 pp .

FRENCH, par, Bull Inst Textile France, No 84,
1955, pp 19-68. 9089552

ABC Tr-5091

Sci - Chem
Jul 62

204.703

NEW DEVELOPMENTS IN THE MANUFACTURE OF
SPECIAL SYNTHETIC YARNS. [1961] 14p. 28 refs.
Order from RIS \$27.50 RIS D-661

Trans. of ~~Institut~~ ~~Textile de~~ France, ~~Bulletin~~
1959, no. 82, p. 118-125.

(Materials--Textiles, TT, v. 5, no. 6)

61-12517

- I. Synthetic fibers--
Development
- I. RIS D-661
- II. Research Information
Service, New York

Office of Technical Services

Fibre Arrangement in Card Slivers and Its Influence
on the Subsequent Operations, by M. Nutter.

FRENCH, per, Bulletin Instit Textile de France,
No 91, 1960, pp 45-70.

CSIRO 5504

Sci
Dec 62

Contribution to the Study of the Hairness of
Cotton Yarn, by
FRENCH, per, Institut Textile de France.
Bulletin, No 94, 1961, pp 33-64.
ITC-71-10785-11E

Nov 71

Contribution to the Study of Sorption in Textile Fibres, by
J. Colberty, J. P. Desmarest
RECHERCHES, Inst. Industriel, Paris la France, No 99, 1962,
pp 205-285

Bulletin

USIRO/No 6206

Sci - 2023

Feb 64

280,513

Changes Produced in Polyamides by Chemical
and/or Physical Processes. I. Study of the
Degradation Products of Secondary Diamides,
by A. Cannepin, A. Baulenas.

FRENCH, Bulletin, Inst Textile de France,
No 101, 1962, pp 641-651.

CB/ZS6/T.1506

Sci-Chem

Aug 63

342,029

Polynosic Fibers. Part I. Introduction to the Work of the Textile Institute of France on Polynosic Fibers, by N. Drisch, R. Priou.

FRENCH, per, Bulletin Inst Textile de France, No 101, 1962, pp 667-681.

NTC 69-12632-11E

Sci-Mat

Aug 69

389,438

IS THERE AN OPTIMUM BOBBIN SIZE FOR RING-
SPINNING MACHINES (Existe-t-il un Format Optimum
de Bobine de Continua Filer 7). [1961] [18]p. (foreign
text included) 9 refs.

Order from SLA \$1.60

61-14517

Trans. of Institut Textile de France Bulletin
1960, no. 87, p. 69-81.

DESCRIPTORS: Textile industry. *Threads. *Machines

61-14517

1. Title: Bobbin size
2. Title: Ring-spinning
3. Title: Spinning

185376

(Materials--Textiles, TT, v. 6, no. 9)

Office of Technical Services

Diemunsch, J. and Chabert, J.
ANTISTATIC OILING DEPOSITED ON SYNTHETIC
FIBERS, 30 Jan 63 [87], 37 refs.
Order from SLA \$8.10

63-18346

Trans. of Inst[itut] Textile de France, Bulletin 1962,
no. 102, p. 887-944.

DESCRIPTORS: *Fibers (Synthetic), Textiles, Electro-
statics, Static electricity, *Resistance (Electrical),
*Humidity, Filaments, Stretch forming, Rupture,
Surfaces, Oils, Films, Deposits, Lubricants, Sizing,
Sorption, *Polyamide plastics.

The study of the variation of the ratio of electric re-
sistances of finished yarns as a function of relative
humidity, the draw ratio of which is known, is
interesting from several aspects: (a) It shows that in
order to identify the presence of nonsubstantive
(Materials--Textiles: TT, v. 10, no. 10) (over)

63-18346

I. Diemunsch, J.
II. Chabert, J.

Office of Technical Services

**POLYNOSC FIBERS. V. CRYSTALLINITY AND
ACCESSIBILITY OF POLYNOSC FIBERS. [1963]**

[33]p. 31 refs.

Order from SLA \$3.60

63-18296

Trans. of Institut Textile de France. [Bulletin] 1962,
no. 102, p. 945-962.**DESCRIPTORS:** *Fibers (Synthetic), *Cellulosic
plastics, Rayon fibers, *Celluloses, Viscose, Crystal
structure, Crystal lattices, Transformations,
Mechanical properties, Chemical analysis.

It is shown that polynosc fibers are characterized by
a clearly more organized structure than the classical
viscose fibers and that this structure imparts them
an excellent resistance to alkali. (Author)

(Materials--Textiles, TT, v. 10, no. 11)

63-18296

1. Title: Polynosc fibers

1. Title: Crystallinity...

Office of Technical Services

Jacquemart, J.
POLYNOSIC FIBERS. VI. OPTICAL ANISOTROPY OF
CELLULOSTIC FIBERS. [9 Apr 63] [18]p. (figs.
omitted) 10 refs.
Order from SLA \$1.60

63-18361

Trans. of Institut Textile de France. Bull[etin] 962,
no. 102, p. 965-975.

DESCRIPTORS: *Cellulose, *Fibers (Synthetic), *Rayon,
*Viscose, *Fibers (Natural), *Cotton textiles, Optical
properties, *Anisotropy, Refractive index, Sodium com-
pounds, Hydroxides.

On the basis of the known optical characteristics of
cellulose fibers, the material can be classified. The
measurement of birefringence taking into account the
internal structural transformations which are produced
by certain treatments show clearly the special prop-
erties of each of the different cellulose fiber groups
(Materials--Textiles, TT, v. 10, no. 11) (over)

63-18361

- I. Title: Polynosic fibers
- I. Jacquemart, J.
- II. Title: Optical...

Office of Technical Services

Protection of the Mechanical Properties of Wool by
the Use of Formaldehyde in Dyeing Operations at
High Temperatures, by P. Kouchel, et al.
FRENCH, par. Bulletin de l'Institut Textile de France,
No 103, 1962, pp 1155-1171.
CSIRO No 6563

Sci - M/M
Apr 64

257,287

Studies on Polynosic Fibers. Part III.
Section VII. Infrared Spectrographic
Study of Polynosic Fibers and Their
Comparison with Other Cellulose Fibers,
by P. Bouriot.

FRENCH, per, Bulletin Inst: Textile de
France, No 103, 1962, pp 1197-1214.

NTC 69-12633-11E

Sci-Mat
Aug 69

389,439

Freitag, R.
NEW DEVELOPMENTS IN THE AREA OF SODIUM
BROMIDE DESIZING. [Jan 64] 12p
Order from ATS \$12.25

ATS-12Q74P

Trans. of Institut Textile (de) France. Bulletin
1963, v. 17, no. 100, p. 541-556.

DESCRIPTORS: *Textiles, Fibers, Processing.
Sodium compounds, Bromides, *Sizing.

(Materials--Textiles, TT, v. 11, no. 10)

TT-64-12412

- I. Freitag, R.
- II. ATS-12Q74P
- III. Associated Technical
Services, Inc.,
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Office of Technical Services

62-10394

Gilard, P.
SUPERFICIAL TENSION OF MOLTEN SILICATES.
Feb 47 [16]p. (13 figs. 2 tables omitted) 6 refs.
Order from SLA \$1.60

62-10394

Trans. from Institut du Verre. Bulletin (France)
1946, no. 2.

DESCRIPTORS: *Silicates, *Melting, *Glass, Manu-
facturing methods.

I. Gilard, P.

Office of Technical Services

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Weyl, W. A.
A FEW ASPECTS OF THE SURFACE CHEMISTRY
OF GLASS. [1962] 27p.
Order from SLA \$2.60

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Trans. of Institut du Verre. Bulletin (France) 1946,
no. 3, p. 1-10.
An abstract trans. is available from SLA \$1.10 as
62-16754 [1962] [1]p.

DESCRIPTORS: *Glass, Surface properties, Adsorption,
Silicates, Atomic structure, X-ray diffraction analysis,
Crystal structure, Ions, Ion exchange, Sodium,
Hydrogen, Silver, Copper, Zirconium, Water.

The surface condition of glass is modified by the migra-
tion of alkaline ions. These surface alkaline ions may
be eliminated by the action of furnace gases, or by a
treatment with metakolin (knohin calcined to 600°). By
(Materials-Ceramics, TT, v. 10, no. 2) (over)

62-18142

I. Weyl, W. A.

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Jebsen-Marwedel, H. and Dinger, K.
 IMPORTANCE OF SURFACE TENSION IN THE
 MELTING OF GLASS (Rôle de la Tension Superficielle
 dans la Fusion du Verre). [1960] [18p. (foreign text
 included) (i) refs.

Order from SLA ref \$2.40, ph \$3.30

60-18772

Trans. of Institut du Verre. Bulletin (France) 1966,
 no. 5, p. 15-21.

Tests show that the disappearance of the striae of lower
 tension than that of the surrounding medium as well as
 the existence of defects in the boundary surfaces are
 due to the surface tension. A cullet of a higher surface
 tension than that of the composition glass should not be
 used when melting glass. The considerable influence
 is shown of the reducing atmosphere of the furnaces on
 the surface tension of the vitreous mass and on the dis-
 placement of the layers, by which it is possible in the
 manufacture of amber yellow glass, to obtain a regular
 coloration. (Author)

(Materials - Ceramics, TT, v. 5, no. 2)

60-18772

65-12548

- I. Glass-Melting
- I. Jebsen-Marwedel, H.
- II. Dinger, K.

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Investigations on the Influence of Heparin on
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Z. Zakrzewski, 25 pp.

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SLA Tr 2463

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Sci - Biology
Sep 57

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Determination of Geologic Age of Igneous Rocks by
Radioactive Methods.

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bk, International de l'Academie des
sciences et des beaux arts, 1955, Nouvelle serie, book,
13, pp. 17-27.

*EL 480
AEC-tr-4329

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The Social and Cultural Situation of Foreign
Refugees in the German Federal Republic, by
Dr Rudolf Wierer, 24 pp.

GERMAN, par, Integration -- Bulletin International,
No 4, 1975, Munich, Mail to Deep P-79, Munich.
CIA 4015325

Dept of State

42,867

Wier - Germany
Eber - Sov Bloc
Political - Refugees
Jan 57 OIS

order from NTC

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1925 53 V7 P423-443 78-23112 (c)

Religious Beliefs of the Bayaka, by F. Grevillse,
19 pp.
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Elisabethville, 1987, 1988, pp 5-16.
JPRS 25384

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Tests on the Regulation of the Oxygen Content
of Coke Ovens Waste Gases, by M. Meunier.
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pp 31-34.
CRL/T.2149

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Cold-Polymerised Nitrile Rubbers, by C. Thelamon-Meynard, 10 pp.

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SLA 59-18718

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Vol. III, No 9

Relation Between Strength and Stage of
Hydration of Cement, by Daulynsky, 16 pp.

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Constructions du Génie Civil et d'Hydraulique
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(pp 206-226).

SIA 60-18331

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STATIC AND DYNAMIC MODULI OF ELASTICITY
OF CONCRETE AND MORTAR STRENGTH IN COM-
PRESSION AND TENSION. [1961] 3p.
Order from SLA \$1.10 61-10803

Partial trans. (p. 165-167) of [Liège Université].
Centre d'Etudes, de Recherches et d'Essais Scientifi-
ques [des Constructions] du Génie Civil [et d'Hydrau-
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[p. 155-170].

DESCRIPTORS: *Concrete, *Mortar, Mechanical
properties, Stresses.

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61-10803

I. Dantinne, R

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The Supreme Court of Madagascar, by Paulin Baptiste,
14 pp.

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JPRS 27608

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[1954] 3p.

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Trans. of Bulletin Medical (France) 1939, v. 53,
p. 607-608.

DESCRIPTORS: *Pulmonary tuberculosis, *Ganglia,
*Autonomic nervous system, *Procaine, *Stellate
ganglia

(Unannounced)

PB-

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H. Mollard, H

184039

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Lervaditi, A. Vaisman, 11 pp.

FRENCH, per, Bull Med, Vol CXXIX, 1945, pp 564-
575.

SLA 58-415

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Aug 59

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Hamburger, Jean, Crozier, Jean, and Mathe, Georges.
**INTEREST AND SIGNIFICANCE OF MEASUREMENT
OF THE OSMOTIC PRESSURE OF THE BLOOD
PLASMA** (Intérêt et Signification de la Mesure de la
Pression Osmotique du Plasma Sanguin). 21 May 59,
24p. (4 figs. refs. omitted).
Order from SLA \$2.60

61-16461

Trans. of Société Médicale des Hôpitaux de Paris.
Bulletin et Mémoires (France) 1950 (ser. 4, v. 66)
no. 33/34, p. 1701-1716.

DESCRIPTORS: *Blood plasma, *Osmotic pressure,
Measurement, *Kidneys, Pathology, *Metabolism,
Electrolytes (Physiology), Body Fluids

Elevation of the "effective osmotic pressure" may
indicate renal insufficiency. A lowering of the pressure
is encountered especially in states involving a loss
of electrolytes, and in the course of fluid overloads
such as those observed in anuria.

(Biological Sciences--Pathology, TT, v. 6, no. 5)

61-16461

I. Hamburger, J.
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160460

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Painful Rachidial Osteoporosis of Woman After
the Menopause, by J. Arlet, 18 pp.

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No 6, 1974, pp 130-131.

NIK Tr No 5-15

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Chronic Nephritis and Pregnancy, by D. Fritel, 6 pp.

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ACSI J-8113

ID 2204003870

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Ganglionic hypertrophy in Chronic
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Vol 15, 1931, pp 1-4.
HEN NIH 9-11-65

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Autotransfusion of Washed Corpuscles as a Blood
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Vol 1, 1909, pp 4-9.

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The Ocular Complications of the Onchocerciasis,
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FRENCH, par, Bull Mem Fac Med Pharm ,
11: 231-257, 1963.

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New Observation of Aphasia Produced by a Lesion
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Strip of the Tendon of the Superior Rectus Muscle:
Three New Cases, by Ernst Motaïs. 8p.
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SLA TT-61-10927

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Jul 66

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Societe Francaise d'Ophtalmologie, Vol 39, 1926,
pp 60-65.
SLA TT-61-14158

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Jun 67

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1938 V51 P530-561 78-20010 <*>
1951 V64 P4-5 78-12702-00E <*>

The Three Congenital Cholemas, by A. Gilbert,
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FRANCK, par, Bulletin et Memoires de la Societe
Medicale des Hopitaux de Paris, Vol III, No 24,
pp 1203-1211, Nov 1907.

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Sci - Medicine
Sep 56 CTS

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Bio Lab. T-484-1

R-7794-D
7 Dec 66

Premier cas africain de Sporotrichose dela beurmanu

By: J. CAROUGEAU

From: Bull. et mens. Soc. med. d. Hosp. de Paris 28:

507-10, 1909

(4 pp)

French - est for wls:

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T-484-1

Bio Lab. T-482-1

R-7752-D

28 Nov 66

Transmission of Sporotrichose a l'homme par les morsures
d'un rat blanc inocule avec une nouvelle variete de
sporotrichum. Lymphagite gommeuse ascendante

By: M. E. Jeanselme and M Paul Chevallier

From: Bull. Mem. Soc. Med. Hop, Paris 31:287-301, 1911

(15 pp)

French - est for wds:

Translate and type 1 camera ready copy. Document can be
cut. Typing instructions and sample cover attached.

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11 pp.

FRENCH, per, Bull et Memoires de la Soc Med des
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SLA 57-3162
NIE 12-37

Sci - Med

Jan 58

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1911	52	V42	P42-142	70-21554	(C)
1912	52	V42	P42-142	70-21554	(C)
1913	V43	P43-143	70-21554	(C)	
1914	52	V43	P43-143	70-21554	(C)
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1917	52	V43	P43-143	70-21554	(C)
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1922	52	V43	P43-143	70-21554	(C)
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1924	52	V43	P43-143	70-21554	(C)
1925	52	V43	P43-143	70-21554	(C)
1926	52	V43	P43-143	70-21554	(C)
1927	52	V43	P43-143	70-21554	(C)
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1930	52	V43	P43-143	70-21554	(C)
1931	52	V43	P43-143	70-21554	(C)
1932	52	V43	P43-143	70-21554	(C)
1933	52	V43	P43-143	70-21554	(C)
1934	52	V43	P43-143	70-21554	(C)
1935	52	V43	P43-143	70-21554	(C)
1936	52	V43	P43-143	70-21554	(C)
1937	52	V43	P43-143	70-21554	(C)
1938	52	V43	P43-143	70-21554	(C)
1939	52	V43	P43-143	70-21554	(C)
1940	52	V43	P43-143	70-21554	(C)
1941	52	V43	P43-143	70-21554	(C)
1942	52	V43	P43-143	70-21554	(C)
1943	52	V43	P43-143	70-21554	(C)
1944	52	V43	P43-143	70-21554	(C)
1945	52	V43	P43-143	70-21554	(C)
1946	52	V43	P43-143	70-21554	(C)
1947	52	V43	P43-143	70-21554	(C)
1948	52	V43	P43-143	70-21554	(C)
1949	52	V43	P43-143	70-21554	(C)
1950	52	V43	P43-143	70-21554	(C)
1951	52	V43	P43-143	70-21554	(C)
1952	52	V43	P43-143	70-21554	(C)
1953	52	V43	P43-143	70-21554	(C)
1954	52	V43	P43-143	70-21554	(C)
1955	52	V43	P43-143	70-21554	(C)
1956	52	V43	P43-143	70-21554	(C)
1957	52	V43	P43-143	70-21554	(C)
1958	52	V43	P43-143	70-21554	(C)
1959	52	V43	P43-143	70-21554	(C)
1960	52	V43	P43-143	70-21554	(C)
1961	52	V43	P43-143	70-21554	(C)
1962	52	V43	P43-143	70-21554	(C)
1963	52	V43	P43-143	70-21554	(C)
1964	52	V43	P43-143	70-21554	(C)
1965	52	V43	P43-143	70-21554	(C)
1966	52	V43	P43-143	70-21554	(C)
1967	52	V43	P43-143	70-21554	(C)
1968	52	V43	P43-143	70-21554	(C)
1969	52	V43	P43-143	70-21554	(C)
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NIE 9-17-62

Sci - Med

Dec 62

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Subacute Nephritis. Anuria and Death Following
Repeated Ingestion of Small Doses of Subacetate
of Lead, by F. Rathery, R. Michel.

FRENCH, per, Bull et Mem Soc Med des Hopit
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*Dept of Navy/AMS

Sci - B/II

Feb 66

Complete Atrioventricular Block. Its Causes
and Location, by J. Langens, et al.

FRIEDMAN, par, Bull et Memoire, Vol CXXI, NO
1961, pp 767-781.

REF: 8-20-64

LOHN

Sci

Biol & Med Sci

61-16844

Langeron, L.
ON THE MECHANISM OF DEATH AFTER STELLATE
INFILTRATION: PROBABILITY OF INTRA SPINAL
INJECTION. [1961] 2p.
Available on loan from SLA

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Trans. of Société Médicale des Hôpitaux de Paris.
Collectins et Mémoires (France) 1963, ser. 3, v. 39,
no. 13/14, p. 167-168.

DESCRIPTORS: *Stellate ganglia, *Asthma, *Spinal
cord, *Anesthetics

177675

Office of Technical Serv

(Biological Sciences--Neurology TT, v. 6, no. 4)

Subacute Nephritis: Azuria and Death following Repeated
Ingestion of Small Doses of Sub-acetate of Lead,
by F. Rathery.

FRENCH, par, Bull et Mem Soc Med des Hopit de Paris,
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*Dept of Navy/TMC

Sci- BLM
Nov 68

Agency: HEN/FMA

R-12955-D

P.O.No. PLD 2271-71/Call #3

17 March 1971

Title: Les Lésions Osseuses de l'Intoxication
Chronique par le Cadmium.

Author: P. Nicoud, A. Lafitte, A. Gros, J.-P. Gautier

Source: /Bull. et Mem. Soc. Médicale Hôpitaux Nîm.
Vol 19, 1962, pp. 201-208

Language: French

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0-8001-0
21 Apr 67

Coma oxy-carbone avec hyperthermie prolongee

By: Justin-Mesance, L., Bertrani, I. and Pergola, F.

From: Bull et man. Soc. Med. Hosp. (Paris) 59:

430-32, 1943

(3 pp)

French - est for wds:

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