

The Biochemical Formation of Monosaccharides;
Report No 2: Biochemical Formation of Pentose,
by Kihachiro Uehara, 14 pp.

JAPANESE, per, Nihon Kagaku Zasshi, Vol^{*}LXXVII,
No 6, Jun 1952, pp 411-413.

HHH
Chemistry
Scientific - Medicine
Original

5525

The Biochemical Formation of Monosaccharides; Rpt I,
The Biochemical Formation of Tetrose and Hexose,
by Kihachiro Uehara, 18 pp.

JAPANESE, per, Nihon Kagaku Zasshi (Journal of the
Chemical Society of Japan), Vol LXXIII, No 5, May
1952, pp 311-315.

NIH

Scientific - Chemistry
CTS/DEX

9436

Cylinder-oil flowmeter for marine diesel engines,
by M. Uehara, et al.
RUSSIAN, par, Kansai sosen kyokai-shi, 1965, No 111,
pp 60
NII 9022.065 (2339)

M. Uehara
Sci - Int Comb and Other Spec Eng
Apr 67

305,827

11 M. Uehara

A Kite Made of the Leaf of Artocarpus in Tobu,
by Tokuzo Uahara.

JAPANESE, per, Science of the South Seas, N
Vol IV, No 2, 1941, pp 63-64.

Dept of Interior
209(900) aUn33pr no. 370

Sci-Misc
Jan 64

246,276

A Survey of Tuna Grounds in Equatorial Waters, by
Tokuzo Uehara, 6 pp.

Full translation.

JAPANESE, per, Nanyo Suisan Joho, Vol V, No 3, 1941,
pp 13-17.

S.L.A.

Scientific - Biological

Dept of Interior
SK361 A279 7014

Aug 55

27,459

A. Uehlinger

The Behavior of the Blood Volume During Short-Term Bodily Work. Determination With Cr⁵¹-and¹³¹-Albumin.

GERMAN, per, Cardiologia, Vol 38, 1961, pp 357-370
NTC 72-13386-06P

Oct 72

Von A. Uehlinger.

*determination of blood volumes during short terms of
physical work, by Von A. Uehlinger.*

Annals, Ser. Cardiologia, Vol 38, 1961, pp 357-370.

DocId 32714108

Mar 72

Investigation on Forecasting Rules and
Techniques (First Report), by K. Ueki, 38 pp.

JAPANESE, per, Journal of Meteorological Research,
Vol XI, 1959, pp 28-43. 9687261

DDC BSIC-58

Sci - Earth Sci & Astron
Oct 63

345, 412
~~218~~

Cylinder-oil flowmeter for marine diesel
engines, by M. Uehara, et al.
JAPANESE, per, Kansai zosen kyokai-shi,
1963, No 111, pp 60
NLL 9022.065 (2339)

M. Uehara

303,931

Sci - Int Combust and other Spec Eng
Apr 67

Tuberculosis in Twins. Study of 46 Pairs, by E. Uehlinger, M. Kuensch, 5 pp.

GERMAN, per, Beitr Klin Tuberk, Vol XCII, 1938-1939, pp 275-370.

SLA Tr 2556

Sci - Medicine
Jan 58

57,417

Vaporization of Manganese From Iron Alloys
Containing Manganese, by W. Baukloh, H. Uehlinger.

GERMAN, per, Metallwirtschaft, Vol XVII, 1938.

Brutcher
~~XXXXXXXX~~ Tr No 617

Scientific - Min/Metals \$1.70

14,146

Uematsu, Ichitaro and Uematsu, Yoshiko.
EFFECT OF CRYSTALLINITY ON GLASS TRANSITION TEMPERATURE AND VOLUME EXPANSION COEFFICIENT. Rept. no. 1. on The Effect of Crystallinity on the Physical Properties of High Polymers. [1961] [20]p. 18 refs.
Order from SLA \$1.60

61-16573

Trans. of Kôbunshi Kagaku (Japan) 1960, v. 17, no. 180, p. 222-226.

DESCRIPTORS: *Glass, *Crystal structure, *Transition temperature, Polymers, Heat treatment.

The crystallinity of polyethyleneterephthalate was successively changed by the thermal treatment of the amorphous film at 120, 150, 210 and 238°C. The effect of crystallinity on the glass transition temperature, T_g , and on the volume expansion coefficient, α , of the sample were determined from volume measurements (Materials--Ceramics, TT, v. 6, no. 8) (over)

61-16573

I. Uematsu, I.
II. Uematsu, Y.
III. Title: Effect...

Office of Technical Services

61-16574

Uematsu, Yoshiko and Matsudaira, Tadashi.
EFFECT OF CRYSTALLINITY ON VISCOELASTIC
PROPERTIES. Rept. no. 2 on The Effect of Crystal-
linity on the Physical Properties of High Polymers.
[1961] [25]p. (foreign text included) 18 refs.
Order from SLA \$2.60 61-16574

I. Uematsu, Y.
II. Matsudaira, T.
III. Title: Effect...

Trans. of Kobunshi Kagaku (Japan) 1960, v. 17, no. 181,
p. 305-311.
Another translation is available from ATS \$16.80 as
ATS-94M44j [1960] 10p.

ATS -JJ -2689

DESCRIPTORS: *Polymers, Crystal structure,
Viscosity, Elasticity.

The effect of crystallinity on the mechanical behavior
was studied by the vibrating reed method. Samples of
polyethyleneterephthalate were crystallized at 120°C
and 225°C. Q^{-1} goes through a maximum at about
100°C. The temperature shift of this maximum is rapid
(Materials--Plastics, TT, v. 6, no. 6) (over)

Office of Technical Services

Uematsu, Yoshiko.

DYNAMIC ELASTIC MODULUS OF POLYETHYLENE.

Rept. no. 3 on The Effect of Crystallinity on the Physical Properties of High Polymers. [1961] [18]p. 7 refs.

Order from SLA \$1.60

61-16570

Trans. of Kobunshi Kagaku (Japan) 1960, v. 17, no. 181, p. 311-315.

Another translation is available from ATS \$12.00 as ATS-95M44 [1960] 7p.

DESCRIPTORS: *Polymers, *Ethylene, Elasticity, Crystal structure, Physical properties.

Four samples of polyethylene which differed widely in crystallinity were studied. The crystallinity and dynamic modulus were measured from 25°C to the melting point. The dynamic modulus drops rapidly as the melting point is approached and the more crystalline (Materials--Plastics, TT, v. 6, no. 8) (over)

61-16570

I. Uematsu, Y.
II. Title: Effect ...

ATS-TJ-2690

Office of Technical Services

Pressure Losses in Pneumatic Conveying of Granular
Materials, by T. Uemata, T. Morikawa, 7pp
JAPANESE, per, Japan Soc Mech Eng Bull,
Vol 3, 1960, No 12, pp 544-548
ADB-138760

T. Uemata

Sci - Mech, Fluid and
Accessory Equip
June 67

329,554

Particle Motion and Velocity Distribution of the
Conveying air in a pneumatic transport line, by T.
Uematu.

JAPANESE, per, Japan Soc Mech Eng. Bull., Vol 4, No Aug,
1961, pp 525-530.
GM10/4255

T. UEMATU

Sci -
Sep 67

340,045

The Pathway of Butter Yellow Introduced by Various
Methods Into Rabbits, by Kazuo Kawai, Fujio Uemura,
Ichiro Taki, Yoshio Sayama, 4 pp.

Full translation.

JAPANESE, per, Gann, (The Japanese Journal of Cancer
Research), Vol XLII, No 2-3-4, Dec 1951, pp 94-95.

CIA/FDD/X-827

Scientific - Medicine

May 53 CTS

1911

Uemura, K., and Ida, F.
COPOLYMERIZATION OF VINYL PHENYL ETHER
WITH ACRYLONITRILE. [1960] 6p.
Order from ATS \$9.15 ATS-00N48J

Trans. of Kagaku to Kogyo, Osaka (Japan) 1956, v. 30,
no. 3, p. 73-76.

(Chemistry--Organic, TT, v. 5, no. 8)

61-12755

1. Vinyl cyanide--
Polymerization
2. Vinyl compounds--
Polymerization
3. Copolymerization
 - I. Uemura, K.
 - II. Ida, F.
 - III. ATS-00N48J
 - IV. Associated Technical
Services, Inc., East
Orange, N. J.

Office of Technical Services

TT-65-17067 Field 11F, 20C

Uemura, S.; Yokoyama, T.; Tsuchiya, J.
MAGNETIC METAL POWDER PREPARING PROCESSES.
9p (figs omitted).
Order from SLA: \$1.10 as TT-65-17067

Trans. of Patent (Japan) pub. 40-8027.
Patent appl. Shows 37-40, 486, by Sony Corp., Tokyo,
Japan, filed 18 Sep 62, pub. 23 Apr 65.

MR 700

- TT-65-17068 Field 11F, 20C

Uemura, S.; Yokoyama, T.; Tsuchiya, J.
MAGNETIC METAL POWDER PREPARING PROCESSES.
9p (figs omitted).
Order from SLA: \$1.10 as TT-65-17068

Trans. of Patent (Japan) pub. 40-8026.
Patent appl. Showa 37-40,485, by Sony Corp., Tokyo,
Japan, filed 18 Sep 62, pub. 23 Apr 65.

MR 700

Basic Conditions for Optical Tracking of Rockets,
by Tsuneyoshi Uemura, Hiro Nakamura, 13 pp.

JAPANESE, no per, Journal of the ^XInstitute of
Industrial Science, Vol VIII, No 10, 1956, Encl to
IR 1940-57, 6004th AISS.

AF 1097509

Sci - Aeronautics
Jun 57

48,229

Elimination of Copper From Molten Pig Iron, by Ueno,
et al. UNCLASSIFIED

JAPANESE, per, Tetsu to Hagane, Vol XLIII, 1957,
pp 265-266.

Henry Brucher
Tr 4101
(1.80)

Sci - Min/Met
Apr 58

62,606

(365) Studies on the Manufacture of Alumina by
the Soda-Lime Method (Report 5). Experiments
Employing High Concentrations of Soda, by I.
Ueno, 7 pp.

JAPANESE, per, J. Soc Chem Ind, Japan, Vol XLVI,
1943, pp 1165-1167.

Assoc Tech Sv 95H10J-b

Sci
Aug 58

70,842

UENO, I.

ATS 95H:0J-b. (365) Studies on the manufacture of
alumina by the soda-lime method (Report 5).
Experiments employing high concentrations of soda.
J. Soc. Chem. Ind., Japan, 46, p.1165-1167, 1943.
(7p.)

(NY-4718)

The Effect of Radiation on the Vitamin B₁
Metabolism. Communication 3. An Analysis of the
Effect of Radiation on the Vitamin B₁ Metabolism
by Means of Procaine Block and a Test With
Vitamin B₁ Tolerance, by Iori Ueno, 15 pp.

RUSSIAN, per, Medit Radiolog, Vol V, No 7, 1960.

JPRS 5761

Sci - Med

131,593

Nov 60

55
Studies on Aliphatic Higher Alcohols. Part 1. Separation of Octyl and Decyl Alcohols. Part 2. Isolation of Pure Lauryl Alcohol from Industrial Grade Lauryl Alcohol, by S. Ueno, S. Konori.
JAPANESE, per, Kogyo Kagaku Zasshi, Vol 49, No. 11, 1946, pp 161-62.
ATS-JS-258

S. Ueno

Sci-Chem
Mar 70

403,921

Ueno, Itaru.
MANUFACTURE OF ANHYDROUS MAGNESIUM
CHLORIDE FROM MAGNESIUM OXIDE AND
AMMONIUM CHLORIDE AS RAW MATERIALS,
PTS. III-V. [1963] 19p.
Order from SLA \$1.10 63-14707

Trans. of Kogyo Kagaku Zasshi (Japan) 1945, v. 48,
p. 65-67.

DESCRIPTORS: *Magnesium compounds, *Chlorides,
*Oxides, *Ammonium compounds, Iron compounds,
Silicon compounds, Aluminum compounds, Calcium
compounds, Carbonates, Magnesite, Pyrolysis.

Contents:
Relationship of generation of ammonia gas and the mix-
ing ratio of raw materials to the purity and yield of
magnesium chloride
Reaction between ammonium chloride and ferric oxide,
silica, alumina, lime, calcium carbonate or mag-
nesium carbonate, and the reaction mechanism of this
(Chemistry--Inorganic, TT, v. 10, no. 5) (over)

63-14707

I. Ueno, I.

AC42724

Office of Technical Services

Ueno, Itaru.
MANUFACTURE OF ANHYDROUS MAGNESIUM
CHLORIDE FROM MAGNESIUM OXIDE AND AMMO-
NIUM CHLORIDE AS RAW MATERIALS. I. EXPERI-
MENT ON CALCINATION BELOW 300°. II. EFFECT
OF EXCLUDING AIR DURING CALCINATION. [1963]

15p. 9 refs.

Order from SLA \$1.60

63-14154

Trans. of [Kogyo Kagaku Zasshi] (Japan) 1944, v. 47,
p. 849-853.

DESCRIPTORS: *Magnesium compounds, *Chlorides,
Oxides, *Ammonium compounds, *Low temperature
research, Air.

(Chemistry--Physical, TT, v. 10, no. 2)

63-14154

I. Ueno, I.
II. Title: Experiment...
III. Title: Effect...

63-14154

Office of Technical Services

Chloranilic Acid and Its Metal Salts as
Analytical Reagents, by W. C. Broad, K.
Ueno, A. J. Bernard, 10 pp.

JAPANESE, per, Bunseki Kagaku, Vol IX,
1960, pp 257-264.

J. T. Baker Chemical
Co, Phillipsburg, N.J.

Sci
Vol IV, No 7
Apr 62

192,615

Manufacture of High-Molecular Polymers Having
a Good Spinning Properties, by Y. Inaba,
K. Ueno, 3 p.

JAPANESE, patent, [31-] 295, filed 18 July 52,
pub. 20 Jan 56.

ATS-79L30J

Sci
Jan 60
Vol 2, No 3

105462

Effect of Hemicellulose on Paper Strength, by
K. Ueno, 13 pp.

JAPANESE, per, J Japan Assoc Pulp Paper Ind,
Vol XI, No 73, 1957, pp 239-244.

ATS-2J18J

ATS/JJ-2493

Sci

Jul 59

92,668

Elimination of Copper From Molten Pig Iron, by
K. Ueno, et al.

JAPANESE, per, Tetsu to Hagane, Vol XLIII, No 3,
1957, pp 265-6.

Bratcher Tr 4101
\$1.80

Sci - Min/Net

Apr 58

61,437

Studies on Ball Bearing Steels (II). (Effect of
Some Metallurgical Factors on the Life of Ball
Bearing Steels), by Manabu Ueno, Tetsutaro Mitsuhashi,
Yutaka Nakano.

JAPANESE, per, Journal of the Iron and Steel
Institute of Japan, Oct 1955, pp 1102-1107.

Tr
Navy Tr No 1442/Buships/612

Scientific - Min/Metals
Oct 1956 CTS/dex

39,802

SLA 58-1163

Ueno, Minoru and Ikeda, Hayao.
METHOD FOR POLYMERIZATION OF OLEFINS.
July 63, 10p.
Order from SA \$19.00 SA Code-P-198

Trans. in manuscript of published Japanese patent
6642/1962, cl. 26-B-11 (13-F-15) appl. no. 18909/1959
filed 16 June 59, pub. 30 June 62, by Mitsui Petroleum
Chemical Co., Ltd.

DESCRIPTORS: *Polyethylene plastics, *Ethylenes,
*Propenes, Polymerization, Copolymerization,
Additives, Fatty acid esters, Metalorganic compounds,
*Ziegler catalysts, *Aluminum compounds, Alkyl
radicals, Alkoxy radicals, Group IV elements, Group V
elements, Group VI elements, *Titanium compounds,
*Chlorides, *Oxychlorides.

(Materials--Plastics, TT, v. 10, no. 9)

63-22296

- I. Ueno, M.
- II. Ikeda, H.
- III. Patent (Japan) pub.
37-6642
- IV. SA Code-P-198
- V. Seizaburo Aoki (Japan)

Office of Technical Services

Reagents for the Identification of Organic Acids.
(Colored Derivatives of Carboxylic Acid), by
Tokujiro Sigiwara, Rokuo Harada, Tadatsune Mita,
Tadashi Ueno, 9 pp.

Full translation.

JAPANESE, per, Nihon Kagaku Zasshi, Vol LXXII,
No 1, Jan 1951, pp 152-154.

CIA/RDD/Y-1050

Scientific -Medicine Aug 53 CTS/DEX

4653

Facilities and Equipment of Sakhalin Fishery
Administration, and the Nakhodka Fishing Port, by
UKED Takeo, 3 pp.

JAPANESE, per, Suisenkai, Jul/Aug 1958.
CIA 6514111

HQ, USACRACAPAC, FP
Foreign Collation and
Cartographic Branch
APO 99

FE - Japan
Econ
Jan 60

106,319

(NY-4239)

The Effect of Radiation on the Vitamin B₁
Metabolism Communication 2. Changes in the
Vitamin B Content in the Liver and Brain, by
Yori Ueno, 12 pp.

RUSSIAN, per, Meditsinskaya Radiologiya, Vol V,
No 4, 1960.

JPRS 5016

Sci

121,873

Aug 60

(NY-3982)

The Effect of Radiation on the Vitamin B₁ Metabolism.
Communication 1. Change in the Vitamin B₁ Content in
the Blood and Its Excretion in the Urine, by Yori
Ueno, 12 pp.

RUSSIAN, per, Medit Radiolog, Vol V, No 3, 1960.

JPRS 5124

Sci - Med

Oct 60

128,394

The Effect of Radiation on the Vitamin B₁ Content
in the Blood and Its Excretion in the Urine, by
Yori Ueno, 12 pp.

RUSSIAN, per, Medit Radiolog, Vol V, No 3, 1960.

JPRS 5124

Sci

Oct 60

130,475

Preparation of Trans-3-Alkoxy-2-Alkoxy-
Methylene-Propanenitrile, by Masao Tomita,
Shojiro Ueo, 6 pp.

JAPANESE, Patent 5219, Permit 28-13701, Appl.
29 Oct 1951, Pub. 21 Aug 1954, Part of 26-14354,
1954.

SLA 60-10928

Sci

OTS, Vol III, No 6

126,883

Sep 60

Preparation of Trans-3-Alkoxy-2-Alkoxy-
Methylene-Propanenitrile, by Masao Tomita,
Shojiro Uec, 3 pp.

JAPANESE, Patent 5376, Permit 28-13702, Appl.
29 Oct 1951, Pub. 26 Aug 1954, Part of 26-14354,
1954.

SLA 60-10927

Sci

OTS, Vol III, No 6

126,882

Sep 60

Immunity in Yoshida Sarcoma, by Motohiko Tobioke,
Kazuo Ueoka, 5 pp.

Full translation.

JAPANESE, per, ~~XXXX~~ Gann (The Japanese Journal of
Cancer Research), Vol XLI, No 2-3-4, I Dec 1950,
pp 170-171.

CIA/FDD/X-921

Scientific - Medicine

Jul 53 CTS/DEX

3526

TOBIOKA, Motohiko

UEOKA, Kazuo

Growth Inhibiting Experiments on Yoshida Sarcoma.
(2-Pages)

Japanese, Gann, XL, Nos. 2,3,4.
1949, pp. 149-150

X-548

Translated at the
National Institutes of Health
Bethesda, Md.

A12060

TOBIOKA, Motohiko
UEOKA, Kazuo

Experimental Injection of Filtrates Prepared from
Yoshida Sarcoma Cells Destroyed by Supersonic Waves
(1-Page)

Japanese, Gann, XI, nos. 2,3,4.
1949, 139

X-556

A-12061

Translated at the
National Institutes of Health
Bethesda, Md.

TOBIOKA, Motohiko
UEOKA, Kazuo

Observations on cell changes in ascites in growth-inhibiting experiments on Yoshida Sarcoma. (1-Page)

Japanese, Gann, XL, Nos. 2,3,4.
1949, p. 150

X-547

Translated at the
National Institutes of Health
Bethesda, Md.

A12062

SE
KIRKOS, D. P
OESHNIAKOU, NL V. ✓

ST-495

48
Reports of Explosive Outbreaks of Epidemic Diarrhea
in the Rural Districts of Hokkaido in 1951. II.
Etiology: Bacteriological Examinations and Trans-
mission of Infection to Human Volunteers, by H. Uetake.
JAPANESE, per, Sapporo Igaku Z. Vol 4, No 3, 1953,
pp 171-177.

HEB: NII
10-17-69

H. UETAKE

Sci/EGM
Jan 70

400, 123

Scor Tests on Rubber, by K. Wollinger, H.
Uetz.

GERMAN, per, VDI-Z, Vol 96, No 2, 1954,
pp 43-47.

SEC

H. UETZ

Sci -
Jul 67

333,720

The Analytical Application of 8-Mercaptoquinoline
(Thiooxine) and Its Derivatives.

Communication 17.8,8'-Diquinolylidysulfide-
A New Selective Reagent for the Photometric
Determination of Small Amounts of Copper, by
Yu. A. Bankovskiy, A. F. Uevin'sh, E. A.
Luksha, 8 pp.

RUSSIAN, per, Zhur Anal Khim, Vol XVI, No 2,
1961, pp 150-157.

CB 200,752

Sci
Apr 62

Young Tunas Found in Stomach Contents, by
Hiroshi Yabe, S. ~~SHI~~ Uyanagi, S. Mitsuwa,
K. Watanabe.

JAPANESE, Report of the Hankai Regional Fish-
eries Research Laboratory, Vol VIII, 1958,
pp 31-48.

Dept of Int
US Fish and Wildlife Serv
Pacific Oceanic Fishery
Investigations, Hawaii.

Sci - Biol
May 59

87,701

~~XXXX~~

Larvae of the Black Marlin, by Shoji Ueyanagi,
Hiroshi Yabe.

JAPANESE, ~~XXX~~ Report of Nankai Regional Fisheries
Research Laboratory, 1959, No 10, pp 151-169.

Dept of Interior
SEP 11 8 82 No 336

Sci - Biol

181,531

Jan 62

Larvae of the Striped Marlin, *Makaira*
Mitsukurina, by Shoji Ueyanagi.

JAPANESE, ~~IN~~ Report of Nankai Regional Fisheries
Research Laboratory, No 11, Dec 1959, pp 130-146.

Dept of Interior
SERIALS No 335

181,532

Sci - Biol

Development of the Mosenergo High-Voltage
Overhead Electric Power Network, by N. Ya.
Ufayev, A. P. Nemov, Ya. M. Ostrovskiy and
G. S. Safrazbekyan, 78 pp.
RUSSIAN, bk, Mosenergo za 40 let, 1958, pp.
205-252.
JPRS 40198

88

USSR
Sci-Electronics
Mar 67

M. YA. UFAYEV

319,538

Organization of Repairs at Electric Power
Stations of Mosenergo, by M. Ya. Ufayev,
(transpor, comun and elec power in the
USSR -- 18).

RUSSIAN, per, Elektricheskiye Stantsii,
No 3, Moscow, 1959, pp 12-16.

USSR
Econ - trans, comm, electric power

Jul 59

92, 171

(FDD 20877)

Moscow's Electric Power Supply in the Fourth
Five-Year Plan, by M. Ya. Ufayev, 8 pp.

Full translation.

RUSSIAN, no par, Gor Khoz Moskv, No 4, Moscow,
Apr 1947.

CIA/FDD/U-5790

USSR
Econ - Electric power

12,401

CTB/DEX

The Outward Manifestations of Soviet Propaganda
in the Islamic-Arab World, by Asif Sultan (S.
Usali), 15 pp.

TURKISH, per, "Dergi" Sovyetler Biligini Ogrenme
Enstituen, No 7, 1956, pp 85-96.

ACSI, II-2682

EE/A - Arab World

Pol

Feb 59

81,590

Theorem of the Mean Value of Damping in a Filter
Stop Band, by A. F. Ufel'man.

RUSSIAN, per, Elektrosvyas, No 12, 1958, pp 49-57.

Pergamon Press

Sci

Mar 60

111,392

(NY-4341)

Toward a Generalized Theory of Chebyshev
Reactance Filters, by A. F. Ufel'man, 35 pp.

RUSSIAN, per, Iz Vysshikh Ucheb Zaved, MVO SSSR,
Ser Radiotekh, Vol II, No 6, 1959.

JPRS 5418
b

Sci

Jan 61

137,553

Synthesis of Electrical Filters From Their Operating
Parameters by Zolotarev Fractions, by A. P.
Ufel'man, 13 pp.

RUSSIAN, per, Radiotekh, Vol. XV, No 5, 1960,
pp 64-72.

PP

Sci -

Feb 61

139,514

Application of the Potential Analogy to the
Design of Electric Wave Filters, by A. F.
Ufel'man

RUSSIAN, per, *Electrosviaz*, 1958, No 4, pp 49-58.

Ferganon Press

Sci

Feb 60

108,292

Comments on Site Planning for Nuclear
Power Plants, by D. Ufer, 5 pp.
GENCO, per, Kernenergie, Vol VII,
No 3, 1964, pp 163-166. 9698336
FTL-TT-65-107

133

Sci - Nucl Sci
Nov 65

290,150

~~UEER, W.~~
DORING, A.

Stahl Und Eisen, vol. 58, 4 figures, 5 tables,
3900 words; 1938.

Behavior of Different Kinds of Sulphuric Acid
in the Pickling of Strip Steel.

Brutcher Trans, Order No. 1042, \$ 3.90.

A 1807

Demecolceinamides (Demecolceinamide), by A. Uffer,
2 pp.

Full translation.

GERMAN, per, Experientia, Vol X, Feb 1954, pp 76-77.

S.L.A.

Scientific - Chemistry

27,452

Aug 55

Ufford, I. J. Quarles van and Vlugter, J. C.
SULFUR AND ASPHALT, I. [1962] 9p. 10 refs.
Order from SLA \$1.10 63-10131

Trans. of Brennstoff-Chemie (West Germany) 1962,
v. 43, no. 6, p. 173-176.

DESCRIPTORS: *Sulfur, *Sulfur compounds, *Asphalt,
Mixtures, Chemical reactions, Mechanical properties.

In a mixture with asphalt, sulfur behaves primarily as a plasticizer. The mixture has a higher penetration index and a lower Fraass breaking point than the original asphalt. The plastic properties of sulfur are quickly lost because a change from plastic to crystalline sulfur takes place. If polymethylene tetrasulfide is used instead of elemental sulfur, it appears that the effect of this polymer on asphalt is very similar to that of sulfur. This mixture also has a higher penetration index and a lower Fraass point. However, the plastic nature of the polymer in the mixture is not so easily lost. A dis-
(Engineering--Chemical, TT, no. 9, no. 10) (over)

63-10131

I. Ufford, J. J. Q. van
II. Vlugter, J. C.

1007204
Office of Technical Services

Ufford, J. J. Quarles van and Vlugter, J. C.
SULFUR AND BITUMEN I. [1962] 18p. (foreign text
included) 10 refs.
Order from SLA \$1.60 63-10011

Trans. of Brennstoff-Chemie (West Germany) 1962,
v. 43, no. 6, p. 31-34.

DESCRIPTORS: *Bitumens, *Sulfur, Sulfur compounds,
Mixtures, Mechanical properties, Chemical reactions

(Engineering--Chemical, TT, v. 9, no. 9)

63-10011

I. Ufford, J. J. Q. van
II. Vlugter, J. C.

8236889

Office of Technical Services

56
A Method of Optimization of the
Transient Response of a Servo-
System with a Third Order Oscillatory
Drive, by I. H. Ufimtsev, 9 pp.
UKRAINIAN, per, Avtomatika, No 6,
1963, pp 1-9. 9697183
FTD-TT-64-791

Sci-Elec
Jun 65

282,495

Secondary Diffraction of Electromagnetic Waves by
a Disk, by P. Ya. Ufimtsev, 8 pp.

RUSSIAN, per, Zhur Tekh Fiz, Vol XXVIII, No 3,
1958, pp 583-591.

Amer Inst of Phys
Sov Phys - Tech Phys
Vol III, No 3

Sci - Phys
Dec 58

69,644

Approximate Computation of the Diffraction of Plane
Electromagnetic Waves at Certain Metal Bodies. I.
Diffraction Patterns at a Wedge and a Ribbon, by P.
Ya. Ufimtsev, 11 pp.

RUSSIAN, per, Zhur Tekh Fiz, Vol XXVII, No 8,
pp 1840-1849.

Amer Inst of Phys
Sov Phys-Tech Phys
Vol II, No 8

Sci - Phys

Jun 58

64,762

Secondary Diffraction of Electromagnetic Waves by
a Strip, by P. Ya. Ufimtsev, 14 pp.

RUSSIAN, per, Zhur Tekh Fiz, Vol XXVIII, No 3,
1958, pp 569-582.

Amer Inst of Phys
Sov Phys - Tech Phys
Vol III, No 3

Sci - Phys
Dec 58

69,229

Method of edge waves in the Physical Theory of Diffraction
by P. Ya. Ufimtsev. 223 pp.
RUSSIAN, Pt. Metod Krayevykh Voln v Fizicheskoi Teorii
Difraktsii. 1962, pp 1-243.
AL/PPI-RC-23-259-71

P. Ya. Ufimtsev

dec 71

DIFFRACTION OF PLANE ELECTROMAGNETIC WAVES
BY A THIN CYLINDRICAL CONDUCTOR, BY
P. YA. UFIMTSEV, 9 PP.

RUSSIAN, PER, RADIOTEKH I ELEKTRON, NO 2, 1962

AIEE

SCI

FEB 63

223,744

Reflection of Circularly Polarized Electro-
magnetic Waves From Metallic Bodies, by
E. N. Minsels, P. Ya. Ufintsev, 7 pp.

RUSSIAN, per, Radiotekhnika i Elektronika, Vol V,
No 12, 1960, pp 1925-1928.

RR PF

Sci
May 62

194,639

Symmetrical Illumination of Finite Bodies of
Rotation, by P. Ya. Ufimtsev, 8 pp.

RUSSIAN, per, Radiotekh i Elektron, Vol VI,
No 4, 1961.

AIES

Sci

Feb 62

184,400

Approximate Calculation of the Diffraction of
Plane Electromagnetic Waves by Certain Metal
Objects. II. The Diffraction by a Disk and by
a Finite Cylinder, by P. Ya. Ufimtsev, 11 pp.

RUSSIAN, per, Zhur Tekh Fiz, Vol XXVIII, No 11,
1958, pp 2604-2616.

Amer Inst of Phys
Sov Phys - Tech Phys
Vol III, No 11

Sci - Phys
Jul 59

90,775

41111111913333

THE SOIL COVER OF THE STEPPE ON THE RIGHT
BANK OF THE RIVER SELENGA WITHIN THE BORDER
OF THE BURYAT-MONGOLIAN ASSR, BY K. A.
UFIMTSEVA, 22 PP.

RUSSIAN, BK, VOPROSY GENEZISA I GEOGRAFI
POCHV, 1951, PP 218-237. 9082295

OTS 60-21855
PL-480

SCT -
USSR
GEOG
NOV 61
PST 256

172,415

Reactive Dyes for Polyamide Fibres, by L. D.
Dashchinskaya, V. N. Ufimtsev.

RUSSIAN, rpt, Papers of the Interunion Scientific
Technical Conference on the Problems of Synthesis
and Applications of Organic Dyes, (Nov 1961),
1962, pp 10-11.

NLL Ref: 5828.4 1963 (5275)
(Loan)

Sci -
Jul 63

238,364

Investigations in the Field of the Azo Dyes.
II. Soluble Forms of Insoluble Azo Dyes, by
V. N. Ufimtsev, 11 pp.

RUSSIAN, mo per, Zhur Prik Khim, Vol XIV, No 4/5,
1941, pp 600-604.

NIH Tr 7-20

56,745

Sci - Chem
Aug 57

The Mechanism of Bisulfite Reactions, by V. N.
Ufimtsev.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol LX, No 2,
1948, pp 239-241.

Res Info Sv R.555

Sci - Chemistry
Jan 1956/CTS No 77

30,592

53 Nassau St., New York 5, ~~MM~~ N.Y.

Researches on Bisulfite Compounds. XVI. The Bisulfite Compound of 1-Amino-8-naphthol-2,4-disulfonic Acid, by V. N. Ufimtsev and M. I. Chernyak, 2 pp.

Full translation

RUSSIAN, no per, Zhur. Obshch. Khim., Vol XXII, No 6, Jun 1952, pp 926-928.

Consultants Bureau

Sci - Chem

Dec 53 CTS

7344

Investigations in the Field of Dyes for
Acetate Silk and Synthetic Fibers. I.
1,5- and 1,8-Acylamino-Hydroxyanthraquinones,
by L. E. Egorova, V. N. Ufintsov and E.
S. Yampolskaya, 5 pp.

RUSSIAN, per, Zhur Obshch Khim, Vol XXVII,
No 6, 1957, pp 1650-1654.

Consultants Bureau

Sci - Chem

72,944

Sep 58

V
1,4-naphthaquinone Reactions With Bisulfites, by
V. N. Ufimtsev.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR, Vol LVIII,
No 7, 1947, pp 1377-1378.

Res Info Sv R.582
53 Nassau St
NY

Scientific - Chemistry

Feb 56 31,060

Researches on Bisulfite Compounds. XV. The Structure
of the Bisulfite of the Dye Alizarin Blue, by
V. N. Ufimtsev, 3 pp.

Full translation

RUSSIAN, no per, ~~Zhur Obshch Khim~~, Vol XXII, No 4,
USSR, Apr 1952, pp ~~655-658~~ 660. CIA D 182346

Consultants Bureau

Scientific - Chemistry

Dec 53 CTS

7539

Researches on Bisulfite Compounds. XIV. The Structure
of the Bisulfite Compound of 2-Methyl-1, 4-naphthoquin-
one and Its Reaction with Phenylhydrazine, by V. N.
Ufimtsov, M. I. Chernyak, 6 pp.

Full translation.

RUSSIAN, per, Zhur Obsh Khim, Vol XXI, No 10, Oct 1951,
pp 1883-1886. CIA D 182340

Consultants Bureau, ~~1952~~
Oct 1951

USSR

Scientific - Chemistry

A1244

Mountain Taiga Soils of the Transbaikal Region,
by K. A. Ufimtseva, 8 pp.

RUSSIAN, per, Pochvovedeniye, No 3, 1963, pp 51-61.

Scripta Technica

Sci
Jun 64

259,870

Influence of Age, Sex, Constitution, and Occupation on
the Strength of Various Muscle Groups. IV. Dynamome-
tric Values for Men and Women, by J. M. Uffland.
GERMAN, per, Arbeitsphysiologie, Vol VII, 1934,
pp 251-258.
NASA TT F-9368

Sci-B/M
Jun 65
U.S. GOVERNMENT ONLY

282,587

Certain Contact Problems for an Elastic Layer, by
V. A. Pupyrev, Ya. S. Ufland, 12 pp.

RUSSIAN, per, Prik Matemat i Mekh, Vol XXIV, No 4,
1960, pp 683-690.

PP

Sci

Jun 61

158, 172

Rotation of a Conducting Fluid in an Annular
Clearance Under the Influence of a Transverse
Magnetic Field, by Ia. S. Ufliand, 7 pp.

RUSSIAN, per, Prik Matemat I Mekh, Vol XXV, No 3,
1961.

Pergamon Press

Sci
Jul 64

~~263,566~~
263,666

Certain Questions in the Unsteady Flow of a
Conducting Fluid Through a Tube of Constant Cross
Section in a Transverse Magnetic Field, by Ya. S.
Uflyand, 9 pp.

RUSSIAN, per, Zhur Tekh Fiz, Vol XXXI, No 12,
1961, pp 1409-1419.

AIP

Sov Phys - ~~X~~ Tech Phys
Vol VI, No 12 205,058

Sci

Jul 60

Certain Possibilities of Accelerating a Conducting Fluid Using Crossed Magnetic Fields, by I. B. Chekmarev, Ya. S. Uflyand, 11 pp.

RUSSIAN, per, Prik Mate i Mekh, Vol XXIV, No 5, 1961, pp 845-850. 9673046

FID-TT-61-228

Sci - Electron

15 Feb 62

182.618
.929

On Torsional Vibrations of Half-Space, by
Ia. S. Ufliand, 6 pp.

RUSSIAN, per, Prik Matemat i Mekh, Vol XXV, No 1,
1961.

Pergamon Press

Sci
Jul 64

263,538

Axisymmetric Contact Problem for an Elastic Layer,
by H. H. Lebedev, Ia. S. Ufliand, 9 pp.

RUSSIAN, per, Prikl Matemat i Mekh, Vol XXII, No 3,
1958, pp 320-326.

Pergamon Inst

Sci - Mathe

May 59

88,286

Flow Stability of a Conducting Fluid in a
Rectangular Channel in a Transverse Magnetic
Field, by Ya. S. Uflyand, 3 pp.

RUSSIAN, per, Zhur Tekh Fiz, Vol XXX, No 10,
1960, pp 1256-1258.

AIP
Sov Phys-Tech Phys
Vol V, No 10

Sci

Apr 61

153,324

On Some Cases of Nonequilibrium Flow of a
Conducting Liquid in an Annular Tube, by Ya. S.
Uflyand, 5 pp.

RUSSIAN, per, Zhur Tekh Fiz, Vol XXX, No 7, 1960,
pp 799-802.

AIP
Sov Phys-Tech Phys
Vol V, No 7

Sci

142,434

Mar 61

Investigation of Transient Flow of a Conducting Fluid
in a Plane Channel with Moving Walls, by Ya.S. Uflyand,
I.B. Chekmarev, 6 pp.

RUSSIAN, per, Zhur Tekh Fiz, Vol XXX, No 5, 1960,
pp 465-471.

AIP
Sov Phys-Tech Phys
Vol V, No 5

134, 818

Sci
Dec 60