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NLL no. 2377

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Sci-Engr
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[illegible] Vol VI, No 3, 1963, pp 85-95.

JPRS 22864

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JPRS 17257

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SLA Tr 2716

Sci - Chemistry, fuels
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Sci - Phys

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GLASS, RUBBER, STAINLESS STEEL. Pt. 1 of Some Experience with the Preparation of Inactivated Poliomyelitis Vaccine in Czechoslovakia. [1961] 11p. Order from ATS $20.40 ATS-32N54C

Trans. of Ceskoslov[enska] Epidemiol[ogic] Mikrobiol-[ogic] Immunol[ogic] 1959, v. 8, no. 5, p. 289-298.

DESCRIPTORS: *Poliomyelitis vaccine, Preparation, Czechoslovakia, *Glass, *Rubber, *Stainless steel.

(Biological Sciences--Microbiology, TT, v. 7, no. 2)

61-25459

I. Slonim, D.
II. Michl, J.
III. Title: Some . . .
IV. ATS-32N54C
V. Associated Technical Services, Inc., East Orange, N. J.

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Trans. of Ceskoslov[enska] Epidemiol[ogie] Mikrobiol[ogie] Imunol[ogie] 1960, v. 9, no. 2, p. 111-121.

DESCRIPTORS: *Poliomyelitis vaccine, *Culture media, Preparation, Immunization.

(Biological Sciences--Microbiology, TT, v. 7, no. 2)

61-25462

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II. Michl, J.
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IV. Title: Some . . .
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DESCRIPTORS: *Casting, Molding, Design, Fracture (Mechanics), Stresses.

(Metallurgy, TT, v. 6, no. 9)

61-22835

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II. MT Trans-45
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Trans. of #Usp[ekhi] Khim[ii] (USSR) 1962, v. 31, no. 5, p. 609-655.

DESCRIPTORS: *Polymers, *Nuclear resonance, Paramagnetic resonance.

(Physics--Molecular, TT, v. 9, no. 2)

62-34239

I. Slonim, I. Ya.
II. ATS-97P62R
III. Associated Technical Services, Inc., East Orange, N. J.

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Order from OTS or SLA $2.60 63-14854

Trans. of #[Astronomicheskii Zhurnal (USSR) 1962, v. 39, no. 5, p. 798-812].

DESCRIPTORS: *Astronomy, *Solar flares, *Solar disturbances, Solar corona, Solar spectrum, Astronomical observatories, Sun.

An attempt was made to classify chromospheric flares on the basis of their relationship with prominences. Observations were made, during the period of 1958-1960, using a chromospheric telescope, a spectrohelioscope, and a microphotometer. The most effective method of studying the dynamics of flares was found to be with motion-picture photography. The observations show (over)
(Astronomy, TT, v. 10, no. 5)

63-14854

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124274

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RT-3,00

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9 Oct 1958, pp 3, 4.

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ALL 5828.6F (11749)

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SLA TT-66-10752

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ACS, Prince and Lemon Streets, Lancaster, Pa.

G. L. Slonimskii

Sci - Mat
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RUSSIAN, PER, ZHUR VSES KHIM OBSHCH IMENI D. I.
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FTD-TT-62-723

SCI - CHEM 212,810

12 OCT 62

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Slonimskiy, G. L. and Yershova, V. A.
ON THE TEMPERATURE DEPENDENCE OF THE DEFORMATION OF CRYSTALLINE POLYMERS.
Feb 60 [5]p. 15 refs.
Order from LC or SLA mi$1.80, ph$1.80 61-10209

Trans. of Vysokomolekulyarnyye Soyedinyeniya (USSR) 1959, v. 1, no. 2, p. 240-243.

A study was made of the mechanical properties of polyhexamethylene adipamide over a wide range of temperatures. Anomalies were found in the temperature dependence of the deformability and recrystallization stress in the interval 180 - 190°C. The anomalies are associated with the kinetics of crystallization and recrystallization of the polymer. (Author)

(Materials--Textiles, TT, v. 5, no. 4)

61-10209

1. Amide polymers--Crystallization
2. Polymers--Deformation
I. Slonimskiy, G. L.
II. Yershova, V. A.

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UKSM Ref C-2220

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Order from SLA $1.60 63-16391

Trans. of Rec[ueil des] Trav[aux] Chim[iques des Pays-Bas] (Netherlands) 1940, v. 59, p. 1117-1122.
Another trans. is available from SLA as 58-909.

DESCRIPTORS: *Hydrogenation, *Nitrogen, *Halogens, *Sulfur, Chemical analysis, Quantitative analysis, Organic compounds.

(Chemistry--Analytical, TT, v. 10, no. 7)

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A247367

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Order from SLA $1.10 63-18233

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DESCRIPTORS: *Isocyanates, Methy radicals, Ethyl radicals, Propyl radicals, Aliphatic compounds, Synthesis (Chemistry), Potassium compounds, Cyanates, Alkyl radicals, Sulfates.

(Chemistry--Organic, TT, v. 10, no. 11)

63-18233

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2. Title: Methyl isocyanate
I. Slotta, H. K.
II. Lorenz, L.
III. Title: Synthesis . . .

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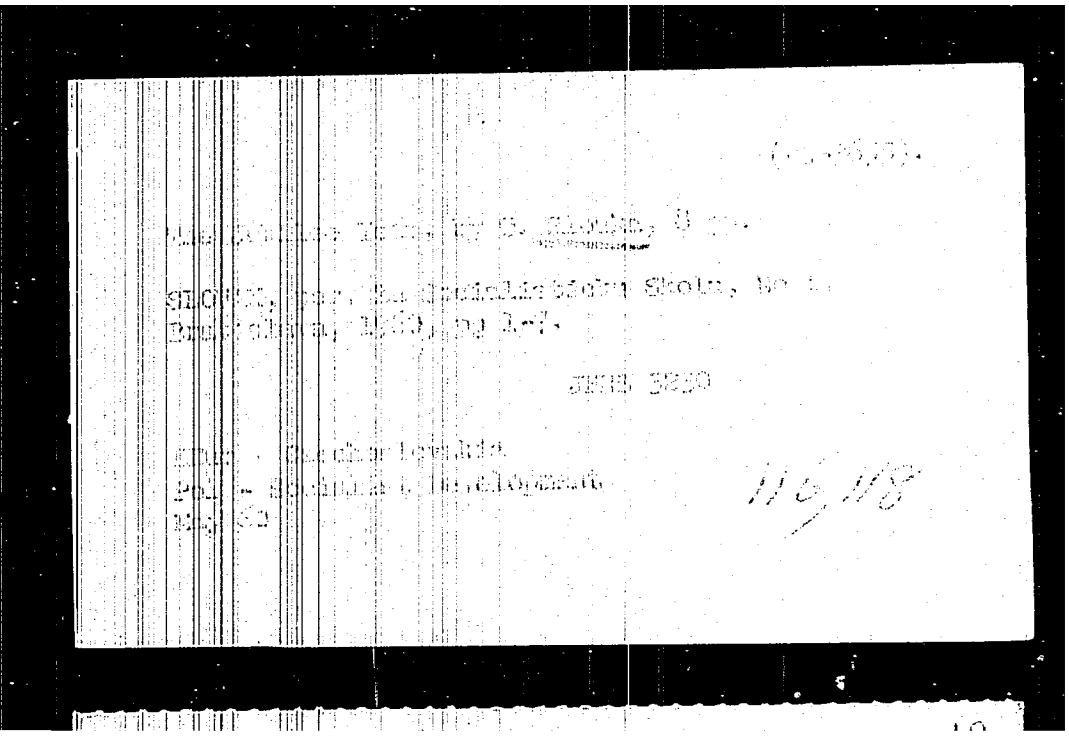

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Air Force 67-186

R-9012-D
14 Dec 67

A study of the temperature and form of the cross-section of an electric arc moving in a magnetic field along parallel electrodes

By: D. I. Slovetskiy

From: Thermophysics of high temperatures, Vol 5 No 3 1967: 401-411 (11 pp)

Russian - est for wds:

Please translate and type 1 original and 1 carbon copy. Document can be cut.

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Study of Electron-Photon Showers Produced by Quanta with Energies of 100,200, 500 and 2000 MeV in Liquid Xenon, by Ye. Slovinskiy, 12 pp. RUSSIAN, ppr, JINR-P1-3919.
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Thermal Degradation Of Polyethylene, by N. A. Slovokhotova, M. A. Margupov, V. A. Kargin.
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SIA TT-65-13418

N.A. Slovokhotova

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[illegible] Radiation on the Structure

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Infrared Spectra of Some Derivatives of Unsaturated Phosphinic Acids. N. A. Slovokhotova, K. N. Anisimov, G. M. Kunitskaya, N. E. Kolobova, 45 pp.
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Slovokhotova, N. A., Sadovskaya, G. K., and Kargin, V. A.
INFLUENCE OF FAST ELECTRONS ON THE STRUCTURE OF POLYETHYLENETEREPHTHALATE. [1961] (2 figs. omitted) 12 refs.
Order from OTS or SLA $1.10 62-10980

Trans. of Vysokomolekulyarnye Soedineniya (USSR) 1961, v. 3, no. 4, p. 515-520.

DESCRIPTORS: *Electrons, Crystal structure, *Polymerization, *Ethylenes, *Phthalates, Isomeric transitions, Ionization, *Radiation effects, Phenyl radicals, Radiochemistry.

Polyethyleneterephthalate on irradiation with fast electrons goes over from the crystalline to the amorphous state. This amorphisation is associated with the isomerization of certain portions of the polymer (Nuclear Physics and Nuclear Chemistry, TT, v. 8, no. 6) (over)

62-10980

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II. Sadovskaya, G. K.
III. Kargin, V. A.

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Application of Infrared Absorption Spectra to Investigation of the Intermediate Products of Vitamin A and Carotene Synthesis, by N. A. Slovokhotova, & G. I. Samokhvalov, G. M. Kunitskaya, M. A. Miropolskaya, 9 pp.

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Spectroscopic Investigation of the Mechanism of Condensation of β-Ionone With Ethyl γ-Bromocrotonic Acid, by N. A. Slovokhotova, G. I. Samokhvalov, M. A. Miropol'skaia, L. A. Bakulova, L. P. Zhukova, M. A. Preobrazhenskiy 1 p.

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