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SOV/29-59-7-18/53

AUTHORS: Kuroyedov, A.I., Candidate of Philosophical Sciences,
and Delogrammatik, M.H., Scientific Worker

TITLE: Facts Refute "Technological Determinism"

PERIODICAL: Nauka i zhizn', 1959, Nr 7, pp 40-44 (USSR)

ABSTRACT: The article describes the Western philosophical doctrine "Technical Determinism" and refutes it as being totally wrong. In 1950, the number of inventors and efficiency experts who made pertinent suggestions, including automation, amounted to 555,000, whereas in 1956, this number came to 1,131,000. By 1965, a great "jump" toward automation will be made in the USSR, with at least 1,300 new automatic lines to be installed in the industry. There are 4 sketches and 5 Soviet references.

ASSOCIATION: MGU imeni Lomonosova (MGU Imeni Lomonosov)(Delogrammatik, M.H.)

Card 1/1

KUROVELOV, Aleksandr Ivanovich; DRYAGINA, Irina Viktorovna; DANIL'CHENKO,
O.P., red.; MASLENNIKOVA, T.A., tekhn. red.

[Social and geseological roots of Weissmanism-Morganism] So
tsial'nye i gnoseologicheskie korni veismanizma-morganizma;
lektsiia dlia studentov-zaochnikov gosudarstvennykh universi-
tetov. Moskva, Izd-vo Mosk. univ., 1961. 36 p.

(MIRA 15:4)

(GENETICS).

KUROVEDOV, A.I., kand.filosofskikh nauk; DRYAGINA, I.V., kand biologicheskikh nauk

Social and gnoseological roots of formal genetics (to be concluded).
Biol. v shkole no. 1:67-71 Ja-F '61. (MIRA 14:4)

1. Moskovskiy gosudarstvennyy universitet imeni M.V. Lomonosova.
(Genetics)

KUROYEDOV, A.I., kand.filosof.nauk; DRYAGINA, I.V., kand.biolog.nauk

Social and gnosiological roots of formal genetics.(conclusion).

Biol. v shkole no.2:81-85 Mr-Apr '61.

(MIRA 14:3)

1. Moskovskiy gosudarstvennyy universitet imeni M.V. Lomonosova.
(Genetics--Philosophy)

L 33586-66 ENT(1)/ENT(m)/T/ENT(U)/ENI ISP(c) JD/SG

ACC NR: AR6016240

SOURCE CODE: UR/0058/69/000/011/E115/E115

AUTHOR: Kuroyedov, K. A.

TITLE: Some static properties of permalloy film

SOURCE: Ref. zh. Fizika, Abs. 11E882

REF SOURCE: Uch. zap. Penzensk. politekhn. in-t, vyp. 1, 1964, 98-103

TOPIC TAGS: permalloy, magnetic thin film, magnetic coercive force, magnetic hysteresis, hysteresis loop, thin film memory

ABSTRACT: On the basis of an analysis of the plots of the coercive force of permalloy thin films against the angle between the magnetization-reversal field and the easy magnetization axis and of the form of the hysteresis loop, the author divides the films into four classes based on the type of hysteresis loop. The difference between the obtained modifications of the critical curves and the theoretical curves for ideal films is emphasized, and also the importance of this fact for the construction of memory devices. [Translation of abstract]

SUB CODE: 20

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Card 1/1

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ACCESSION NR: AP3011439

AUTHOR: Kurayev, K. A.

USSR, Izvestiya. Seriya fizicheskaya, v. 68, no. 4, 1988, 688-691

Electromagnetic field theory, wave propagation, diffraction, scattering

Investigated thin Permalloy films magnetized in thickness from 500 to

1000 Å. It is shown that the surface impedance of such films is

independent of the thickness of the film.

The results are compared with the theory of surface impedance

of thin films.

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of thin films.

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AP5011439

... field weaker than H_0 and gradually reduces to zero amplitude. The magnetization curves characteristic of the four classes of films are described. For class 4, films the curve resembles the ascending branch of the hysteresis loop. The magnetization process is generally characterized by sharp jumps. Further measurements are concerned with the values of the coercive force H_c and the dependence of H_c on the increase of the reversing field. The results are in agreement with the theoretical curve. H_c tends to rise with the rate of increase of the reversing field. This effect is substantiated by the results of some measurements of the dependence of H_c on the pulse frequency in the range below 500 pps. "In conclusion, I wish to thank K. N. Polivanov and S. A. Kravtsov for their interest in the work and discussion of the results." Orig. art. has: 5 figures.

Card 5/5

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Polishkiy politiki

SUBMITTED: 00

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SUB CODE: BK, EC

RE REF SOV: 002

OTHER: 003

W
Card 3/3

L 6972-66 EWT(m)/EWA(d)/EWP(t)/EWP(z)/EWP(b) JD

ACC NR: AP5018863

SOURCE CODE: UR/0126/65/020/001/0128/0130

AUTHOR: Kuroyedov, K. A.
~~44-55~~

46
37
B

ORG: Penza Polytechnical Institute (Penzenskiy politekhnicheskiy institut)
44, 55

TITLE: Magnetization curves and static hysteresis loops of thin permalloy films

SOURCE: Fizika metallov i metallovedeniye, v. 20, no. 1, 1965, 128-130
55, 18 44, 18 55

TOPIC TAGS: magnetic hysteresis, hysteresis loop, magnetization curve, permalloy

ABSTRACT: Magnetization and reversal of magnetization along the axis of easy magnetization in slowly changing fields on films 700-2000 Å is studied. The following types of hysteresis loops serve as limiting cases for a large quantity of thin films: A) rectangular, B) concave, C) constant slope, and D) bulging. The fact that domain boundary conditions change in weak fields has led to the use of magnetometer with extensive universality and high magnetic moment change sensitivity. Type A) Reversal of magnetization along the axis of easy magnetization shows a large discontinuity which usually does not lead to complete reversal. Only after increasing the field strength do decreases of about 5-7% of the saturation moment M_s

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UDC: 539.216.2 : 538

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ACC NR: AP5018363

follow. After the field is cut off the condition of full magnetization is partially destroyed. In other specimens a decrease of 25-30% in M_s takes place in an interval from several hours to several days. In the earth's magnetic field all films showed this decrease. The magnetization curve and the ascending branch of the hysteresis loop are indistinguishable along the axis of easy magnetization due to the almost complete absence of an internally demagnetizing field. Reversal changes of M in the beginning phase of magnetization were not observed. Type B) Magnetization curves along the axis of easy magnetization begin with a large discontinuity and little reversal of M . The distribution of discontinuities on the magnetization curve is analogous to those on the hysteresis loop. The maximum of the differential permeability μ_d occurs at the beginning of the first discontinuity. As the size of the discontinuity is decreased, there is an increase in the number of discontinuities which lowers H_s and smooths the concavity of the hysteresis loop. Class C) Equalization of discontinuity magnitude leads to films with loops of uniform slopes. Small linear reversal changes were noticed in M and were more significant at 2000 Å thickness. Class D) Reversal begins a significant change of M accompanied by small magnitude, constantly increasing discontinuities in half the film while the other half shows large scale almost identical discontinuities. In small fields, these specimens show significant reversals of the change in M and a heightening of

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L 6972-66

ACC NR: AP5018863

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discontinuities in the region of saturation. Owing to this the normal μ_d both attain maximum value of saturation. Observations of magnetization not along the axis of easy magnetization give another axis of anisotropy normal to the first. "In concluding I express my appreciation to K. M. Polivanov, A. L. Frumkin and V. V. Pro-pastina for their part in the discussion of the results." Orig. art. has: 2 figures.

SUB CODE: MM/ SCHEM DATE: 23Jun64/ ORIG REF: 003/ CTH REF: 004

Card 3/3

KUROYEDOV, S. D.

KUROYEDOV, S. D. -- "Preparation of Soil Maps of the Zones of Activity of MFS in the Latvian SSR." Min Higher Education USSR, Khar'kov Order of Labor Red Banner Agricultural Inst imeni V. V. Dokuchayev, Khar'kov, 1955 (Dissertation For the Degree of Doctor of Technical Sciences)

SO: Knizhnava letopis', No. 37, 3 September 1955

KUROVEDOV, V. A.

KUROVEDOV, V. A.

Teoriya i Prakt. Met. 1936, No. 1, 150-60
New data on the specific heats of technical
gases and vapors.

CA: 31-301/8

KUROVED, V.A., kandidat tekhnicheskikh nauk.

Heating of large ingots. [Trudy] TSHIITMASH 66:3-115 '54.
(Metals--Heat treatment) (MIRA 7:9)

KUROVEDOV, V.A.

SOKOLOV, V.N., kandidat tekhnicheskikh nauk; KUROVEDOV, V.A., kandidat tekhnicheskikh nauk; SOROKIN, A.I., kandidat tekhnicheskikh nauk; LEBEDEV, A.V., inzhener; ZOBNIN, B.F., inzhener; VOYEVODKIN, I.B., inzhener.

Investigation of the heating of large ingots. [Trudy] TSNIITMASH
66:83-115 '54. (MLRA 7:9)

1. TSNIITMASH (for Kurovedov).
2. Uralmashzavod (for Voyevodkin).
(Steel ingots) (Metals--Heat treatment)

KOPYTOV, Viktor Filimonovich; KUROYEDOV, V.A., redaktor; VALOV, N.A., redaktor; MIKHAYLOVA, V.V., tekhnicheskiiy redaktor

[Heat-treatment of steel in furnaces] Nagrev stali v pechakh.
Moskva, Gos.nauchno-tekhn.izd-vo lit-ry po chernoi i tsvetnoi
metallurgii, 1955. 264 p. (MIRA 9:4)
(Steel--Heat treatment)

TEBEN'KOV, Boris Pavlovich, kandidat tekhnicheskikh nauk; KUROVEDOV, V.A.,
redaktor; ATTOPOVICH, M.K., tekhnicheskiiy redaktor

[Recuperators for industrial furnaces] Rekuperatory dlia promysh-
lennykh pechei. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po
chernoi i tsvetnoi metallurgii, 1955. 288 p. (MLRA 8:7)
(Metallurgical furnaces)

1000 SE 30V V. A.

122-5-17/35

AUTHOR: Kuroyedov, V.A. (Cand.Tech.Sc.)

TITLE: Improving the Performance of Air Preheaters in Forging and Heat Treatment Furnaces (Intensifikatsiya raboty vozdukhopodogrevateley kuznechnykh i termicheskikh pechey)

PERIODICAL: Vestnik Mashinostroyeniya, 1957, Nr 5, pp.42-48 (USSR)

ABSTRACT: The design of both recuperative and regenerative air preheaters is examined. A cast needle-type oval tube recuperator element and a brickwork lattice regenerator illustrate the two cases. A similarity has been established by M.V. Kirpichev (Ref.4) between the regenerator and an equivalent recuperator, so that the analysis can be confined to the recuperator. A commonly used approximate form of the heat transfer equation, which averages separately the heat transfer coefficient and the temperature difference over the entire matrix is an unsuitable simplification, since the quantities will vary both over the surface and in time and the average will depend on the mean value of the specific heat flow. In practice, this implies the need for measuring the temperatures over the entire heat transfer surface. The methods of computing heat transfer coefficients are discussed for regenerators and for continuously or periodically operating recuperators. Particular attention is drawn to the

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Improving the Performance of Air Preheaters in Forging and Heat Treatment Furnaces.

irregularity of heat transfer due to non-uniformity of flow. This feature is examined in detail for several configurations of inlets and outlets distinguished as the Z, Pi, or T layouts. Of these, the Z layout is the commonest and worst showing up to 5.5 times mean speed at the maximum speed points. The Pi layout is the best, but the modification of existing Z layouts into T layouts is also considered useful. The heat transfer expressed by the Nusselt Number is given for needle type recuperator elements, as a function of the number of needles per metre of length. Measures for improving the performance of such elements include the increase of turbulence and the application of pulsating gas streams. Attention is drawn briefly to the existence of an optimum frequency of reversing in regenerative preheaters. There are 5 illustrations, including 1 graph, and 5 Slavic references.

AVAILABLE: Library of Congress.

Card 2/2

KUROKEDOV, V.A.

Unoxidizable heating of steel in open-flame furnace. Kuz.-shtan.
proizv. 1 no.1:25-31 Ja '59. (MIRA 12:10)
(Steel--Heat treatment)

NIKIFOROV, V.P.; KUROYEDOV, V.A.

Effect of deoxidizing heating on the state of the surface
layer of steel. Kuz.-shtam. proizvod. 5 no.6:31-34 Je '63.
(MIRA 16:8)

NIKOFOROV, V.P.; KULOYEDOV, V.A.

Heat transfer in the working area of a regenerative furnace
for nonoxidizing heating. Kuz.-shtam.proizv. 5 no.7:26-30
Jl '63. (MIRA 16:9)

KUROMEDOV, V.

Air heating in an open flame in furnaces for nonoxidizing
heating. Kuz.-aktem. proiz. 9 no.8:11-37 fig 185. (MIRA 18:9)

BELKINA, G.L.; KUROYEDOV, V.A.; LAPOVOK, V.I.; LIKHTEROV, I.M.; MERMEL'SHTEYN,
G.R.; OVCHARENKO, Ye.Ya.; PONOMAR', V.I.; SABAYEV, V.I.; SOTNIKOV, V.A.;
FAYNBERG, L.I.; FEOKTISTOVA, N.D.

X-ray spectral analysis of brass in the process of smelting.
Zav.lab. 31 no.4:427-428 '65.

(MIRA 18:12)

1. Konstruktorskoye byuro "TSvetmetavtomatika" i Artemovskiy
zavod tsvetnykh metallov im. E.I.Kviringa.

KUROVEDOVA, A. I.

Kurovedova, A. I. "Nonalcohol operative treatment of the oral cavity," Trudy Kazansk. gos. stomatol. in-ta, Issue 2, 1949, p. 175-185, - Bibliogr: 32 items

SO: U-5240, 17 Dec. 53, (Letopis 'Zhurnal Inykh Statey, No. 25, 1949).

KURPACHEV, I.

"Biological Drying of Wood", p. 2. "Activity of the Technical Association
in the Vasil Kolarov Factory for High-Tension Electric Machinery", p. 2.
(TEKHNIЧЕСКО ДЕЛО, Vol. 5, no. 111, Sept. 1953, Sofiya, Bulgaria).

SO: Monthly List of East European Accessions, LC, Vol. 3, No. 4, April 1954.

KURFACHEV, I.

"Rapid Sawing Method and Increasing the Production of Band Saws." p. 41,
(TEZHKA PROMISHLENOST, Vol. 3, No. 1, 1954, Sofiya, Bulgaria)

SO: Monthly List of East European Accessions, (LEAL), LC, Vol. 4
No. 5, May 1955, Uncl.

KURPACHEV, I.; POPOV, I.

Fulfillment of the Plan by lumber enterprises in accordance with quality and variety. p. 8.

(TEZHKA PROMISHLENCST. Vol. 4, No. 2, 1955)

SO: Monthly List of East European Accession, (EEAL), LC, Vol. 4, No. 9, Sept. 1955, Uncl.

KURPACHEV, I.

Fight for economical use of pit props. p. 15.
TEZHKA PROMISHLENOST Vol. 4, No. 4, 1955

SO: Monthly List of East European Accession, (EEAL), LC, Vol. 4, No. 9,
Sept. 1955, Uncl.

KUPACHEV, I.

Planning production and standardizing the use of mine timbering. p. 12.

Vol. 4, no. 7, Oct./Nov. 1955

TEKHNIKA

Sofiya, Bulgaria

Co: Eastern European Accession Vol. 5 No. 1 April 1956

KURPACHEV, Iordan

Basis of the prime cost in woodworking industries.
Trud tseni 5 no. 9: 57-67 '63.

KURPACHEV, Iordan, inzh.

Necessity of price differentiation of wood trunks according
to quality. Trud tseni 5 no.4:23-27 '63

KURPACHEV, Iordan, inzh.

Quality and prices of wood materials. Durvombel prom 6 no.4:
24-27 JI-Ag '63.

KURPACHEV, I. F.

KURPACHEV, I. F. -- "The Arterial System of the Human Cerebellum." Min
Health USSR. Central Inst for the Advanced Training of Physicians.
Moscow, 1956. (Dissertation for the Degree of Doctor of Medical Sciences.)

SO: Knizhnaya Letopis', No 5, Moscow, Feb 1956

KURPACHEV, N.

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AGRICULTURE

Periodical: OTCHETNOST I KONTROL NA SELSKOTO STOPANSTVO. Vol. 3, No. 6, 1958.

KURPACHEV, N. Some shortcomings in the balance sheets of the forst services.
p. 241.

Monthly List of East European Accessions (EEI), LC. Vol. 8, No. 2
February 1959, Unclass.

RUSSIAN, N.

"The results of the annual accounting reports and balance sheets of the forest services."

ГОДЕТНОСТ И КОНТРОЛ В СЪЛЪНОТО СТОЯНОСТНО, Sofia, Bulgaria., Vol. 4, No. 4, Apr. 1959

Monthly list of EAST EUROPEAN ACCESSIONS (MELI), 10, Vol. 4, No. 4, July 1959, Uncl:1

KURPICHENY, Todor

from the experience of the collective of the Bogdan State
Industrial Enterprise, Elisura, in using beech wood waste
for the production of consumer goods. Survozmetel'noye
no. 4:30-31. 41-Ag. 1964.

1. Director, Bogdan State Industrial Enterprise, Elisura.

ACC NR: AT7004508

(N)

SOURCE CODE: 00/2531/06/000/000/01/0100

AUTHOR: Fomichev, I. A.; Kurpakov, Yu. A.; Pshalomshchikov, V. P.

ORG: None

TITLE: Small thermoprobe for investigating the lower 500-meter layer in the atmosphere

SOURCE: Leningrad. Glavnaya geofizicheskaya observatoriya. Trudy, no. 184, 1966. Issledovaniye pogranichnogo sloya atmosfery s pomoshch'yu vertoletov i planirov (Investigating the boundary layer of the atmosphere with the aid of helicopters and gliders), 94-100

TOPIC TAGS: temperature instrument, meteorology, measuring instrument, meteorologic instrument, atmospheric probe, lower atmosphere, atmospheric temperature, radiosonde, helicopter, meteorologic balloon

ABSTRACT: The circuitry and principles of operation of a small thermoprobe designed for investigating the temperature regime in the lower 500-meter layer in the atmosphere are reviewed. The thermoprobe is a radio telemetering system consisting of a sensor-thermistor, a radio transmitting device, and a complex of ground receiving and recording equipment. The radio transmitter uses the RKZ-1 radiosonde circuitry, but certain changes have been incorporated to compensate for the absence of a

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ACC NR: AT7004508

"APPROVED FOR RELEASE: 06/19/2000

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pressure switch in the thermoprobe. The KMT-1 thermistor has twice the temperature coefficient of resistivity of the MMT-1 thermistor used in the RKZ-1 radiosonde, and a much lower coefficient of inertia, so that the coefficient of inertia of the temperature-sensitive element is less than 5 seconds. The temperature coefficient of resistivity of the thermistors in the KMT-1 varies between 4.5 and 6% per 1°C, corresponding to an average change in frequency from the measuring oscillator of an order of magnitude of 50 cycles/degree. The measuring oscillator's frequency modulation at 0°C is 1,500 cycles, making the lower limit measured by the thermoprobe -30°C, while there is no upper limit. The unit's radiated frequency is 150 megacycles. Power supply is provided by a set of batteries consisting of one 33070 plate battery, two FMTs "Saturn" 1.6 volt filament batteries, which also supply the fan motor, and one KBS-L-0.50 battery for supplying the semiconductor oscillator. The batteries are good for 20 hours of operation. Lift-off weight of the transmitter section, together with batteries, is about 1,000 grams. Ground reception uses a collapsible whip antenna on the receiving-recording equipment. Reliable reception possible over 1,000 to 1,500 meters. The supply from the 120 volt AC network is rectified before being led to the ground equipment. Tests were made and readings compared with those obtained from the A-22-10 radiosonde and the A-22-10 radiosonde at the 2 meter level, showing that the error in readings for the thermoprobe to be within 0.29° of those obtained with the A-22-10 and 0.62° of those obtained with the A-22-10. Improvements are made in the circuitry.

Card 2/3

SOLDATKIN, M.T., kand. tekhn. nauk, dotsent; MUKHIN, O.A., assistent; AN-DREYEVSKIY, A.K., dotsent; KURPAN, M.I., kand. tekhn. nauk, dotsent; ODEL'SKIY, E.Kh., doktor tekhn. nauk, prof.; ANDREYEVSKIY, A.K., kand. tekhn. nauk, dotsent, red.; KONTSEVAYA, T.V., red.; KUZ'MENOK, P.T. tekhn. red.

[Laboratory exercises in heating, ventilation, and gas supply] Laboratornyi praktikum po otopleniiu, ventilatsii i gazosnabzheniiu. Pod obshelei red. E.Kh. Odel'skogo i A.K. Andreevskogo. Minak, Redaktsionno-izdatel'skii otdel BPI, 1960. 143 p. (MIRA 14:7)

1. Minak. Belorusskiy politekhnicheskiy institut. Kafedra "Teplogazosnabzheniye i ventilyatsiya."
(Ventilation), (Heating) (Gas--Heating and cooking)

KURPAN, M.I.

Basic aspects of the methodology of exercise therapy in gynecological peliotomy. Vop. kur., fizioter. i lech. fiz. kul't. 30 no.4:358-362 J1-Ag '65. (MIRA 18:9)

1. Kafedra vrachebnogo kontrolya i lechetnoy fizicheskoy kul'tury (zav. - prof. I.M. Sarkizova-Sarozina [deceased]) Tsentral'nogo ordena Lenina instituta fizicheskoy kul'tury, Moskva.

KURPAN, Yu.I. (Moskva)

Exercise therapy in gynecological laparotomies under hospital
conditions. Fel'd. i akush. 25 no.11:24-32 N '60. (MIRA 13:11)
(EXERCISE THERAPY)
(SURGERY, OPERATIVE)

KURBANOVA, L.A., Cand Med Sci—(diss) ¹⁹⁵⁶ "Blood cholesterol in ~~the~~ ~~hypertensive~~
~~disease~~ and in ~~the~~ artificially raised blood pressure." Tbilisi, 1956.
13 pp (Tbilisi State Med Inst for the Advanced Training of Physicians),
200 copies (Kf, 30-50, 132)

KURTSIN, I.T.; ZVORYKIN, V.N.; KURPATOV, I.K.; LEBEDEV, F.M.

Studying gastric function by means of the Bykov-Kurtsin method
in clinical practice. Terap. arkh. 32 no. 3:60-67 Mr '60.
(MIRA 14:1)

(STOMACH)

"APPROVED FOR RELEASE: 06/19/2000

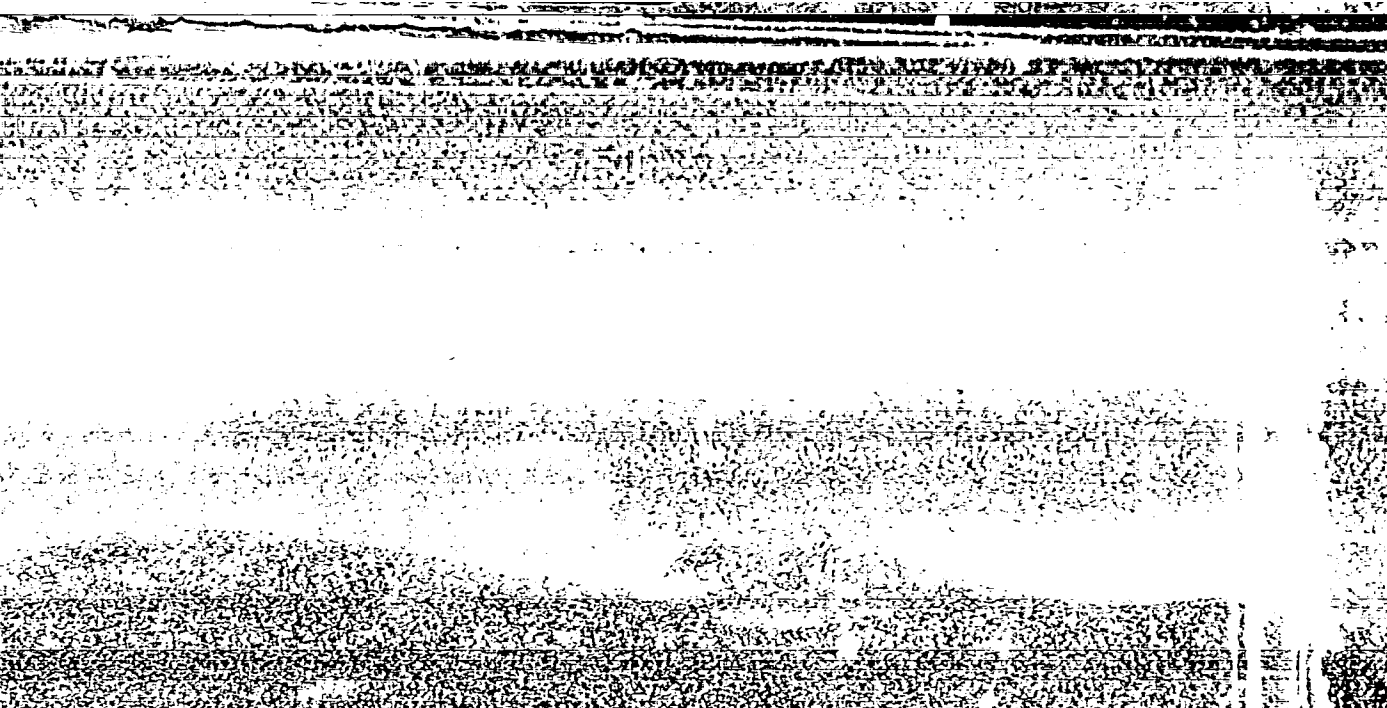
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PA 1152

KURBATOV, V. I.

Work of the Pro-laryngologist - National Exhibition 1951
Oto-laryngology

Work of the Pro-laryngologist at the Conservatory
and Technical Reception Commission of the USSR.
V. I. Kurbatov, 4 pp.

Work Oto-rino-laryng. Vol 15, No 4

Give statistics in tabular form of cases of all
cases and their results.

KURPE, I.I., master nagrevatel'nykh kalodtsev; KHRISTOPOROV, G.N., starshiy svarshchik

Recuperative soaking pits with bilateral top heating. Metallurg 6
no.2:28-29 F '61. (MIRA 14:1)

1. Zavod Azovstal',
(Furnaces, Heating)

KORNILOV, V.V., inzh.; KURPE, V.I., inzh.

Improving the design of soaking pits in blooming mills. Mat. i gorno-
rud. prom. no.3:69-71 My-Je 63. (MIRA 17:1)

1. Zavod "Abovstal".

POGORZHEL'SKII, V.I., inzh.; KURPE, V.I., inzh.; KHRISTOFOROV, G.N., inzh.

Heating pit for cold ingots. Stal' 23 no.8:758-759 Ag '63.
(MIRA 16:9)

1. Metallurgicheskiy zavod "Azovstal'".
(Furnaces, Heating)

KURPEL', N.S.

Sufficient conditions of convergence in I.U.D. Sokolov's method
the approximate solution of nonlinear integral equations of
the Hammerstein type. Pribl. metod. resh. diff. urav. no.1:
47-53 '63 (MIRA 18:2)

KURPEL', N.S. [Kurpel', M.S.]

Convergence and estimation of the error of certain general
iterative methods for solving operator equations. Dop. AN
URSR no.11:1423-1427 '65. (MIRA 18:12)

1. Institut matematiki AN UkrSSR.

KURPEL', N.S. (Kiyev)

Some approximate methods of solution of nonlinear equations
in a coordinate Banach space. Ukr. mat. zhur. 16 no.1:
115-120 '64. (MirA 17:5)

KURPEL', N.S. (Kiyev)

Approximate solution of nonlinear operator equations by I.U.D.
Sokolov's method. Ukr. mat. zhur. 15 no.3:309-314 '63.
(MIRA 16:12)

LUCHKA, A.Yu.; KURPEL', N.S.

Nonstationary iterative method for the approximate solution
of linear operator equations. Ukr.mat.zhur. 16 no. 3:389-
395 '64. (MIRA 17:7)

KURPEL', N.S. [Kurpel', M.S.]

A generalization of averaging functional corrections. Dop. AN URSSR
no.8:1005-1008 '65. (MIRA 18:8)

1. Inatitut matematiki AN UkrSSR.

KUAPĚLOVA, M.

Variability of the beginnings of phenological phases in the course of the year in
Dolina Streda near Sered. p. 247

GEOGRAFICKY CASOPIS. (Slovenska akademie vied. Zemepisny ustav)
Bratislava, Czechoslovakia

Vol. 10. no. 4, 1958

Monthly list of East European Accessions (KEAI) LC. Col. 9, No. 1 January 1960
Uncl.

KURPELOVA, M.

SCIENCE

Periodicals: METEOROLOGICKE ZPRAVY. Vol. 11, no. 6, Dec. 1958

KURPELOVA, M. Phenological conditions during the spring period of
1958, p. 137.

Monthly List of East European Accessions (EEAI) LC, Vol. 8, No. 5,
May 1959, Unclass.

KURPELOVA, M.

Reorganization of the network of the phenological service. p. 62

METEOROLOGICKE ZPRAVY. (Statni meteorologicky ustav)
Praha, Czechoslovakia

Vol. 12, no. 2/3, June 1959

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Uncl.

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Importance of varieties of fruit trees for phenological observation. Meteorolog spravy 15 no.5:145-147 0 '62.

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Phenological prognoses in the Soviet Union. Meteor zpravy
16 no.2:46 Ap '63.

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"Transactions of the Phenological Conference," Reviewed by
M. Kurpelova. Meteor zpravy 16 no.1:22-23 F '63.

KURPELOVA, Margita

Phenological characteristic of highly elevated valleys in
Slovakia. Georg cas SAV 15 no.4:241-263 '63.

YUGOSLAVIA

KURPES, Zvonimir; and SMETISKO, Ante, Department of Internal Medicine of The Medical Center (Interni Odjel Medicinskog Centra), Sisak

"Mass Poisoning with Methanol"

Zagreb, Lijecknicki Vjesnik, Vol 88, No 6, June 1966; pp 607-617

Abstract: [English summary modified] Of 35 persons who drank inadequately labeled methanol ("alcohol") obtained from a railroad tank, 4 died, 1 became blind, 2 partly blind and 1 had slight eye damage. Mass emergency alert probably prevented an even wider catastrophe. Table, 3 Yugoslav (one unpublished) and 15 Western references. Manuscript received 23 May 66.

1/1

SAPRONOV, V.A.; KURPICHEVA, T.N.; TOKAROVA, L.T.; CHAVCHICH, T.A.;
LEVIT, G.M.; BORODUSHKINA, Kh.N.; BOGUSLAVSKIY, D.B.

Effect of some formula and technological factors on the quality
of butyl rubber diaphragms for the forming and vulcanizing
equipment. Kauch. i rez. 23 no.5:14-19 My '64.

(MIRA 17:9)

1. Dnepropetrovskiy shinnyy zavod.

KURPICHNIKOV, A. A.

"Great Cataceans in the Mediterranean"

SO: Priroda, No 8, 1949

INT(m)/EFP(c)/EWP(j) RM
195519563

00191/65/000/008/0007/0008

Kurpichnikov, F. A.; Gurvich, Ya. A.; ...
Kurpichnikov, F. A.; Gurvich, Ya. A.

TITLE: The effect of stabilization on prolonged thermal oxidation aging of poly-
amide 68

SCURCE: Plasticheskiye massy, no. 8, 1965, 7-8

TOPIC TAGS: antioxidant additive, polyamide, thermal stability, high temperature
oxidation, stabilizer additive, primary aromatic amine

The purpose of this work was to verify the results of laboratory studies
of thermal oxidation of polyamide 68 by various additives. Several
test batches of polymer were produced with the following additives:
N,N'-di-maphthyl-n-phenylenediamine, phenyl-β-naphthylamine, 2,6-di-tert-butyl-4-
-methylphenyl and α and β-naphthyl ester of pyrocatecholphosphorous acid. The in-
troduction of additives did not have a significant effect on the melting point and
the viscosity of polyamide 68 solutions. The various polyamide 68 specimens were

Card 1/2

ACCESSION NR: AP5019563

... at 10 and 135°C in drying ovens. The physicochemical changes in
... most strongly in the specific imp... thermal oxi-

ASSOCIATION: none

SUBMITTED: 00

ENCL: 00

SUB CODE: MT

OTHER: 00

SEBRAT-NIEWIADOMSKA, Zofia; KURPIERS, Jan

Method of detection of Vi antibodies. Med.dosw.mikrob. 7 no.2:
191-196 1955.

1. Z Panstwowego Zakladu Higieny, filia we Wroclawiu.
(ANTIGENS AND ANTIBODIES,
typhoid Vi antibodies, detection)
(TYPHOID FEVER, immunology,
Vi antibodies, detection)

SEBRAT-NIEWIADOMSKA, L.; KURPIERS, J.

Methods of detecting Vi-antibody. Zhur.mikrobiol.epid. i immun.
no.10:116 0 '55. (MLRA 8:12)
(ANTIGENS AND ANTIBODIES) (COMPLEMENT FIXATION)

MALAWSKI, Stefan; KURPIEWSKA-RADZIMSKA, Danuta

Surgical treatment flexion contractures and ankylosis of the knee joint. Chir. narzad. ruchu ortop. Pol. 29 no.6:719-724 '64

1. Z Oddzialu Gruzlicy Kostno-Stawowej w Swidrze (ordynator: dr. P. Kubica).

KURPIEWSKI, Jerzy, mgr inz.

Transistor equipment for TU-2 closed-circuit television. Price
Inst teletechn 3 no.3:128-134 '59.

KURPIEWSKI, JERZY.

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Polskiego Radia (1952) 75 p. (Biblioteka radioamatora) (Amplifier
circuits. Diagr.)

SO: Monthly list of East European Accessions, LC, Vol. 3, No. 1,
Jan. 1954, Uncl.

KURPIEWSKI, J.

"Problem of Standardization in Radio-phony," P. 244. (WIADOMOSCI, Vol. 22,
No. 5, May 1954, Warszawa, Poland)

SO: Monthly List of East European Accessions, (EEAL), IC, Vol. 4,
No. 1, Jan. 1955 Uncl.

KURPIEWSKI, J.

Model equipment of a television set. p. 301.
(TELE-RADIO. Vol. 2, no. 6, June 1957, Warszawa, Poland)

SO: Monthly List of East European Accessions (EEAL) LC. Vol.6, No. 12, Dec. 1957.
Uncl.

KURPIEWSKI, Jerzy, mgr inz., adiunkt

Design analysis of the wide-band video-signal amplifier for transistor TV receivers. Prace Inst teletechn 6 no.3:3-24 '62.

1. Instytut Tele- i Radiotechniczny, Warszawa.

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Closed circuit television and its progress in using color pictures. Przegl telekom 35 [i.e.36] no.4:109-114 Ap '63.

1. Instytut Tele-Radiotechniczny, Warszawa.

KURPIEWSKI, Jerzy, mgr inz.

Fundamentals of designing intermediate frequency amplifiers for
a transistor TV receiver. Prace Inst tsłatechn 7 no.1:17-50 '63.

1. KURSTIN, M.
2. USSR (600)
4. Radio in Agriculture
7. Radio amateurs, members of the All-Union Volunteer Society for Assistance to the Army, Aviation and Navy, of the "Borots" collective farm, Radio, No. 1, 1953.

9. Monthly List of Russian Accessions, Library of Congress, May 1953, Unclassified.

KURPINISHAN, K., prof.; BUZESKU, M.

Broncho-pulmonary suppurations in children from a surgical viewpoint.
Khirurgia, Sofia 14 no.2/3:152-155 '61.

1. Klinika po grudna khirurgia, Bucăuresti.

(LUNG DISEASES in inf & child)

KURPIUS,
KURPIUS, H.

Automatic block signals for one-track lines.

p. 45 (Przegląd Kolejowy Elektrotechniczny. Vol. 8, no. 2, Feb. 1956. Warszawa, Poland)

Monthly Index of East European Accessions (EEAI) LC. Vol. 7, no. 2,
February 1958

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Vol. 3, no. 3, Mar. 1956

PRZEGLĄD KOLEJOWY ELEKTROTECHNICZNY
TECHNOLOGY

Warszawa, Poland

So: East European Accession Vol. 6, no. 2, 1957

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On the possibilities of separating undecylenic acid from
the pyrolysis products of castor oil using urea adducts.
Przem chem 41 no.2:85-87 F '62.

1. Katedra Chemii Ogolnej, Wyzsza Szkola Rolnicza, Szczecin
i Katedra Technologii Tluszczow, Politechnika, Gdansk.

POLAND / Chemical Technology. Food Industry.

H

Abs Jour: Ref Zhur-Khimiya, No 22, 1958, 75567.

Author : ~~Kurpish.~~

Inst : Not given.

Title : The XIV Congress in Rome on the Dairy Industry.
Section II.

Orig Pub: Przegl. mleczarski, 1958, 6, No 3, 11-13.

Abstract: No abstract.

Card 1/1

Welding of high-pressure valve housings. .rzegl spaw 16
no. 2: 44-48 F '64.

1. Instytut Spawalnictwa, Gliwice.

KURPITA, P.N.

Effective heat insulation as in index of the heat-retaining capacity of clothing. *Ug. 1 san. 26 no.2:58-60 F '61.*

(MIRA 14:10)

1. Iz Voenno-meditsinskoy ordena Lenina akademii imeni S.M.Kirova.
(CLOTHING AND DRESS)

KURPITA, P.N., kand.med. nauk

Hygienic properties of fabrics impregnated with melamine formaldehyde resin. Gig. i san. 28 no.127-30 Ja'63. (MIRA 16:7)

1. Iz kafedry obshchey i voyennoy gigiyeny Voenno-meditsinskoy ordena Lenina akademii imeni Kirova.

(CLOTHING AND DRESS---HYGIENIC ASPECTS)

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KURPIYANOV, M.F.; FESENKO, Ye.G.

Phase transitions in $Pb_{0.5}B_{0.5}O_{1.5}$ compounds. Izv. AN SSSR. Ser.
fiz. 29 no.6:925-928 Je 1965. (MIRA 18:6)

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BELIAYEV, I.N.; MEDVEDEVA, L.I.; FESENKO, Ye.G.; KURPIYANOV, M.F.

Preparation and X-ray structural study of molybdates of
 A_2BMoO_6 -type complex composition. Izv. AN SSSR. Neorg.
mat. 1 no.6:924-927 Je '65. (MIRA 18:8)

1. Rostovskiy gosudarstvennyy universitet.

KURPIYANOV, P.A (Leningrad, ul. Ryleyeva, 15, kv.6)

Aortic coarctation. Grud.khir. 1 no.1:69-75 Ja-F '59.

(AORTA--DISEASES)

(MIRA 13:6)

TUNITSKIY, N.N.; KURPIYA'OV, S.Ye.; PEROV, A.A.

Mass spectra of molecules and radiation chemistry. Izv. AN SSSR.
Otd.khim.nauk no.11:1945-1953 N '62. (MIRA 15:12)

1. Fiziko-khimicheskiy institut im. L.Ya. Karpova.
(Mass spectrometry) (Radiochemistry)

PEREVERTAYEV, V.D.; KURPIYANOV, V.M.; METSIK, M.S.

Photoelectronic apparatus for measuring the thickness of thin films.
Prib. i tekhn. eksp. 8 no.3:193-195 My-Je '63. (MIRA 16:9)

1. Irkutskiy gosudarstvennyy universitet.
(Electronic apparatus and appliances)

L 42868-06 EWI(1)

ACC NR: AR6017221

SOURCE CODE: UR/0058/65/000/012/B011/B011

AUTHOR: Diament, L. R. ; Kurpnova, N. I.

ORG: none

TITLE: Potential on the axis of a cylinder with the edge effect taken into consideration

SOURCE: Ref. zh. Fizika, Abs. 12B121

REF SOURCE: Tr. po teorii polya, vyp. 1, 1964, 26-36

TOPIC TAGS: ^Velectric potential, ~~conducting circular cylinder~~, edge effect, ^{electric} conduction, ^{absorption edge}

ABSTRACT: The problem is presented of finding the potential on the axis of a conducting circular cylinder of finite length with infinite thin walls, taking the edge effect into consideration. [Translation of abstract] [NT]

SUB CODE: 20/

Card 1/1

ANAN'YEV, S.L., prof., obshchiy red.; KURPOVICH, V.P., kand.tekhn.nauk,
obshchiy red.; GROMOV, I.G., nauchnyy red.; ROMANOV, Ya.N.,
red.; SEMENOVA, Ye.P., tekhn.red.

[Workability of structures] Tekhnologichnost' konstrukttsii.
Moskva, Dom tekhniki, 1959. 452 p. (MIRA 12:8)
(Machinery--Design and construction)

KURPYANOV, V.V.; SIMAGIN, E.I.

Report on the sessions of the Moscow Scientific Society of Anatomists, Histologists, and Embryologists in 1963-1964. Arkh. anat., gist. i embriol. 49 no.9:115-116 8 '65.

(MIRA 18:12)

1. Predsedatel' Moskovskogo nauchnogo obshchestva anatomov, gistologov i embriologov (for Kupryanov). 2. Sekretar' Moskovskogo nauchnogo obshchestva anatomov, gistologov i embriologov (for Simagin).

KURPYASHIN, N.N., kandidat tekhnicheskikh nauk; KOVALENKO, V.G., kandidat tekhnicheskikh nauk.

Present state of the theory and methods for designing vortex pumps. Vest. mash. 37 no.4:20-27 Ap '57. (MIRA 10:6)
(Pumping machinery)

S/133/60/000/008/014/017/XX
A054/A029

AUTHORS: Morokov, P. K., Sokolov, I. A., Kochnev, S. P., Kurpyayev, I. M.

TITLE: Remote Control of Steel Pouring From Two-Stopper Ladles

PERIODICAL: Stal', 1960, No. 8, pp. 704-708

TEXT: In 1957, simplified hydraulic equipment was designed at the Kuznetskiy metallurgicheskiy kombinat (Kuznetsk Metallurgical Combine) (with the cooperation of L. S. Klimasenko, I. S. Lyulenkov, M. D. Zaslavskiy, I. I. Chuvikovskiy, S. P. Kochnev, P. K. Morokov and I. M. Kurpyayev; No. of Authors Certificate: 125011) for remote control of the stoppers of 200-t ladles, planned by Stal'proyekt. Remote control in this operation eliminates the very cumbersome manual work in the proximity of the furnace, reduces the number of workers required and stabilizes the conditions of pouring. The hydraulic equipment is placed in an oil container with a rectangular bottom measuring 670 x 760 mm and a capacity of 120 l. The cover consists of two parts. The part which is welded to the container accomodates the electromotor, the oil pump and the oil filter, while in the detachable part of the cover the valve-system, magnetic devices and control boxes are mounted. The hydraulic equipment is placed on the right-hand side of the control cabin of the

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A054/A029

Remote Control of Steel Pouring From Two-Stopper Ladles

crane, while on the other side of the cabin, on a level with the charging platform two cylinders with flexible pipes and the control panel are mounted. By activating the appropriate magnet, oil is fed by the pump through the valve-system into the upper chamber of the cylinder. The excess oil fed in by the pump passes through a release valve into the oil container under a pressure which is about 2 atm higher than the pressure prevailing in the working area of the cylinder. This constant differential pressure in the pump and in the cylinder ensures the stability of oil flow through the throttle and, consequently, at the same time also the stability of the cylinder speed during lifting and lowering the stoppers of the ladle. As the piston is stationary, the cylinder rises when the pressure is increased, thus lifting the stopper. The stopper is lowered by activating the corresponding elements of the system having a reverse function of those opening the stopper. The electric control system consists of a linear contactor, two normally open main contactors and two normally open block-contactors, timing, zero and accelerating relays, contactors and push buttons. In the remote control system it is possible to pour a metal stream reduced to one third of its volume in the first few seconds of pouring and the transition to full-jet pouring proceeds very smoothly. This reduces the impact at the bottom of the ingot mold considerably, which improves the

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3/133/60/000/008/014/017/XX
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Remote Control of Steel Pouring From Two-Stopper Ladles

quality of the steel. About 250 test pourings (with rail steel and Ст.3кп = St.3kp type steel) proved that the quantity of cinder in the lower part of the casting decreases and also the amount of incrustations in the macrostructure of the rolled stock made from the lower part of the castings is smaller. Further advantages of the new system are: the stoppers open and close at a uniform speed regardless of the quantity of metal in the ladle; during the interval the ingot mold is filled with the liquid metal, the electromotor can be switched off; the system can be applied in any pouring method; the hydraulic system can be adjusted for the case where the stopper is heavier than the metal stream and also for the reverse case (i. e., the stopper is lighter than the weight of the metal stream). The construction and the operation of the hydraulic equipment and of the electric control system and the test with the steel poured according to this method are described. There are 4 figures and 1 table. ✓

ASSOCIATION: Kuznetskiy metallurgicheskiy kombinat (Kuznetsk Metallurgical Combine)

Card 3/3

NESTERENKO, L.A.; KURS, V.S. (Pskov); OSOKINA, G.N.

Editor's mail. Khim. v shkole 17 no.5:84-85 S-0 '62.
(MIRA 15:9)

1. Pedagogicheskiy institut, Krasnodar (for Nesterenko).
(Chemistry--Experiments)

KURSA, J.

(2)

555

622.262.4

✓ Kurza J., Miksa J. **New Opportunities for Concreting Shaft Linings.**

...Nowe możliwości betonowania obudowy sztolców. Przegląd Górniczy, No. 3, 1953, pp. 69-100, 5 figs., 1 tab.

Design of a device for concreting mining shafts based on the adoption of sliding boarding. A steel sheet cylinder, 1.25 m high, with an outside diameter corresponding to the inside diameter of the shaft lining, is secured to a working platform which is provided with holes for buckets used in shaft sinking. The platform and cylinder are, as the concreting between the shaft wall and the cylinder progresses, lifted by means of 4 screw jacks. The speed of lifting is roughly 2-5 cm, at intervals of 10-15 min. An electric heating plant, put into operation at temperatures below +5°C, is installed inside the cylinder. It is possible to place steel inserts inside the lining.

Polish Technical Abst
No. 1 1954
Mining

KURSA, J.,: MKSA, J.

The concrete lining in frozen shafts. p. 44.

PRZEGLAD GORNICZY. . (Stowarzyszenie Naukowo-Techniczne Inzynierow i Technikow Gornictwa) Katowice, Poland. Vol. 15, No. 1/2, Jan./Feb. 1959

Monthly list of East European Accessions (EEAI) LD. Vol. 8, No. 7, July 1959.

Uncl.

С. С. КАРАВ

Chem Abs 448

1-25-24

Paints, Varnishes

Sacques, J. L.

Fifteen-year tapping of pines. A. D. Kiselev, *Urevo-
pererabatyvayushchaya i Lesokhram.* From: 2, No. 4, 8-10
(1953).—A scheme is presented for curpening pines for a
15-year period, the 6th and 11th years serving as rest
periods. Data are presented on the yield of nitrogen by
month between May and August.