

VALOVIC, Aleksandar, dr

Role and importance of the management, administration, and other services of an enterprise in the struggle for the prevention of industrial accidents. Tekstil ind Beograd 12 no.12:693-695 '64.

1. Physician of the "BEKO" Garment Factory, Belgrade.

VALOVIC, S.

Microclimatic research in the Dobsina Ice Cave during the years 1952-1956.

p. 91 (METEOROLOGICKE ZPRAVY) Vol. 10, no. 4, Aug. 1957,  
Praha, Czechoslovakia

SO: Monthly Index of East European Accessions (EEAI) LC, Vol. 7, No. 3,  
March 1958

VALOVIC, S.

Close air at some places of Slovakia. Meteor zpravy 16 no.1:2-4  
F '63.

1. Pobočka Hydrometeorologického ustavu, Bratislava.

L 30905-66 EWT(1)/FCC GW

ACC NR: AP6022945

SOURCE CODE: CZ/0085/65/000/005/0144/0149

AUTHOR: Valovic, Simon

25  
B

ORG: PHMJ

TITLE: Dry period at Trebisov

SOURCE: Meteorologicke zpravy, no. 5, 1965, 144-149

TOPIC TAGS: climatic condition, weather forecasting, atmospheric precipitation

ABSTRACT: The article reports on an investigation of the dry periods at Trebisov by monthly and annual averages and by the probability of their arrival on the basis of the moving average precipitation and the A, B and C criteria. The expectation of their period of repetition also is determined on the basis of the Gumbel theory of extreme values. [JPRS]

SUB CODE: 04 / SUBM DATE: none / ORIG REF: 002 / SOV REF: 001  
OTH REF: 004

Card 1/1 CC

UDC: 551.577.38

0015

1021

VALOVICH, A.A.; FETISOVA, N.F.

[Design and calculation of pneumatic conveying systems  
for dried milk and sugar] Proektirovanie i raschet pnevmo-  
transportnykh ustanovok dlia sukhogo moloka i sakhara. Mo-  
skva, TSentr. in-t nauchno-tekhn. informatsii pishchevoi  
promyshl., 1963. 15 p. (MIRA 17:10)

GURCHENKO, Z.K.; VALOVICH, A.A.; NABATOVA, L.N.; FETISOVA, N.P.

[Mechanization of canned milk plants] Mekhanizatsia molochno-konservnykh zavodov. Moskva, TSentr. in-t nauchno-tekhn. informatsii pishchevoi promyshl., 1963. 77 p.  
(MIRA 17:8)

TURSKY, T.; VALOVICOVA, E.

Asparaginase activity in the nervous system in experimental  
allergic encephalomyelitis. II. Cas. lek. cesk. 103 no.15:  
395-400 10 Ap'64

1. Biochemický ústav Lekárskej fakulty UK v Bratislave;  
prednosta: doc.dr. T.Turský.

\*

VALOVNENKO, D.K.  
Country : USSR M  
Category : CULTIVATED PLANTS. GRAINS  
Abs. Jour. : REF ZHUR.BIOL., 21, 1953, NO-9535  
Author : Kudrya, S.A.; Valovenko, D.K.  
Institut. : --  
Title : Fertilizing Corn on the Turf-Podzolic Soil of Ukrainian Poles'ye.  
Orig. Pub. : Udobreniye 1 urozhay, 1957, No.4, 32-35  
Abstract : The effect of manure and full mineral fertilization on the corn yield in Zhitomirskaya Oblast' is studied. Much greater efficiency was noted in the application of fertilizer under fall plowed plots, then under those replowed in the spring. The cob yield against a background of manure fertilizer (20 tons/ha.), placed under fall plowing totalled 63.1 cwt/ha., while that from spring placement was only 45.6 cwt/ha. Manure fertilization in combination with minerals  
Card: 1/3



Country : M  
Category : CULTIVATED PLANTS. GRAINS  
Abs. Jour. : REF ZHUR.BIOL.,21,1958, NO-95945  
Author :  
Institute :  
Title :  
Orig. Pub. :  
Abstract : (N45 P45 K45) boosted the yield when applied in fall to 88.1 cwt/ha., and in the spring- to 67 cwt/ha. However, a part of the nitrogen fertilizer should be given in side-dressing. The transference of a half dose of N from the basic fertilizer N60 P60 K60 to side-dressing boosted the cob yield by 6.2 cwt/ha. Transference to side-dressing of the half doses of phosphorus and potassium fertilizers did not have any effect on the corn harvest. In the experiments one also

Card: 2/3

Country :  
Category : CULTIVATED PLANTS. GRAINS M  
Abs. Jour. : REF ZHUR.BIOL.,21.1969, NO. 95945  
Author :  
Institut. :  
Title :  
Orig. No. :  
Abstract : noted high effectiveness in the peat composts  
(10 tons per ha.), applied to the holes or  
under the cultivator, particularly against a  
background of soil liming.--G.N. Chernov  
Card: 3/3

USSR / Soil Science. Fertilizers. Organic Fertilizers. J

Abs Jour: Ref Zhur-Biol., No 2, 1959, 6096.

Author : Valovnenko, D. K.

Inst : Zhitomirskaya Oblast' Scientific Society for  
the Dissemination of Political and Scientific  
Knowledge.

Title : Stubble Sowing of Lupine as Green Manure Under  
Potatoes and Corn.

Orig Pub: Byul. sil'skogospod. inform. Zhitom. obl. vid.  
t-va dlya poshir. polit. ta nauk. znan' 1957,  
No 4, 89-91.

Abstract: A survey of the work of the Poleskaya Oblast'  
Agricultural Experimental Station from 1918 to  
1951 on the influence of green manure (lupine)  
on potato and corn crops is presented. When  
yellow lupine is stubble sowed for green manure

Card 1/3

USSR / Soil Science. Fertilizers. Organic Fertilizers. J

Abs Jour: Ref Zhur-Biol., No 2, 1959, 6096.

Abstract: after winter rye, wheat and barley the sowing rate amounted to 160 - 170 kg. per hectare and with blue lupine it was 200-220 kg. per hectare. Before sowing the seeds are treated with nitrogen. The crop after lupine depends on the amount of plowed in green matter, and not on the lupine variety. The addition of 10 tons per hectare of green matter to the tilled land increased the potato crop to 33 centners per hectare, while the addition of 20 tons per hectare increased the crop to 74.5 centners per hectare, and the addition of 30 tons per hectare increased the crop to 96.5 centners per hectare. According to data with corn for the years 1950-1951, the plowing of lupine stubbles increased the corn cob crop (in the dry state) to 15.8 centners per hectare,

Card 2/3

USSR / Soil Science. Fertilizers. Organic Fertilizers. J

Abs Jour: Ref Zhur-Biol., No 2, 1959, 6096.

Abstract: and that of dry seed to 12.7 centners per hectare, while the corn cob crop in the control was 26 centners per hectare and that of the seed was 21.3 centners per hectare. Such an increase in the crop was observed with the application of 20 tons per hectare of manure, the crop of dry corn cobs was by 16.8 centners per hectare greater than in the control, and that of seed by 13.5 centners per hectare greater than in the control. The availability of a great amount of green matter depends in many respects on the presence of sufficient moisture in the soil connection with which the sowing of lupine stubbles should be applied as soon as possible. -- Ye. M. Tsvetayova.

Card 3/3

VALOVNENKO, D. K., CAND AGR SCI, "<sup>Study</sup>INVESTIGATION OF  
~~PROCEDURES USED~~ <sup>methods for the</sup> IN CULTIVATION OF CORN IN THE POLESSKAYA  
ZONE OF ZHITOMIRSKAYA OBLAST." KIEV, 1960. (MIN OF  
AGR UKSSR, UKRAINIAN ACAD AGR SCI). (KL, 2-61, 214).

-211-

ZUBENKO, V.F.; VALOVNENKO, D.K.; DOROSHENKO, Ye.I. · MOL'DEN  
T.D., st. nauchn. sotr.; SALEY, A.K. [Salei, A.K.], st.  
nauchn. sotr.; ALEKSANDROV, O.I.

[Informational material on mineral fertilizers, poisonous  
and chemical substances used in animal husbandry] Dovidkovyi  
material po mineral'nykh dobryvakh, otrutokhimikatakh ta  
khimichnykh rehovynakh, shcho zastosovuiut'sia v tvaryn-  
nytstvi. Zhytomyr, 1964. 106 p. (MIRA 18:6)

1. Zhitomir (Province). Sil's'kohospodars'ka doslidna stan-  
tsiya.

VALOVNIK, D.

~~Let's work the new way. Fin.SSSR 19 no.11:49-50 N '58.~~  
(MIRA 12:7)

1. Nachal'nik finansovogo otdela Kalininskogo sovnarkhoza.  
(Kalinin Economic Region--Industries)



VALOVNIK, D.

We need concrete directives. Fin.SSSR. 20 no.11:70-71  
N '59. (MIRA 12:12)

1. Nachal'nik finansovogo otдела Kalininskogo sovnarkhoza.  
(Kalinin Economic Region--Finance)

VALOVNIK, D.

Among the Kalinin chemists. Fin. SSSR 37 no.10:59-61 0 '61.

(MIRA 17:2)

1. Glavnyy ekonomist, zamestitel' direktora Kalininskogo kombinata  
iskusstvennogo volokna.

VALOVNIK, D.

A uniform procedure is necessary. Fin.SSSR 23 no.6:55-56 Ja  
'62. (MIRA 15:7)

1. Nachal'nik finansovogo otdela Kalininskogo sovnarkhoza.  
(Kalinin Economic region--Finance)

VALOVNIK, D.V.

Improve intrafactory business accounting in synthetic fiber  
enterprises. Tekst.prom. 16 no.11:7-8 N '56. (MLRA 9:12)

1. Zamestitel' glavnogo bukhgaltera Glavnogo upravleniya tekstil'-  
nogo volokna.  
(Textile industry--Accounting)

VALOVOY, Dmitriy Vasil'yevich; PYLAYEVA, A.P., red.; GUREVICH, M.M.,  
tekhn.red.

[Electrification of agriculture] Elektrifikatsiia sel'skogo  
khoziaistva. Moskva, Gos.izd-vo sel'khoz.lit-ry, 1958.  
69 p. (MIRA 12:8)  
(Electricity in agriculture)

BUYANOV, P.S.; KARAVAYEV, A.A.; KULAGIN, N.A.; ASTAKHOV, V., red.;  
VALOVOY, D., red.; LEPNIKOVA, Ye., red.; MOSKVINA, R.,  
tekh.n.red.

[New stage in the development of the collective farm system]  
Novyi etap v razvitii kolkhoznogo stroia. Mskva, Izd-vo  
sotsial'no-ekon.iit-ry, 1959. 347 p. (MIRA 12:11)  
(Collective farms)

LAPSHINA, G.; VALOVOY, D.

Some questions on the shift to monetary compensation of collective  
farm labor. Sots. trud 4 no.11:50-56 N 59. (MIRA 13:4)  
(Collective farms--Income distribution)

VALOVOY, D.

Organization and wages in the agriculture of socialist countries.  
Sots.trud, 4 no.12:145-147 D '59. (MIRA 13:6)  
(Agriculture--Congresses)  
(Wages)



ALEXSEYEV, Petr Fedorovich; ZAMYATIN, Mikhail Mikhaylovich; VALOVOY,  
D.V., red.; GUREVICH, M.M., tekhn.red.

[Collective farm of the Village of Kashino] Kolkhoz derevni  
Kashino. Moskva, Gos.izd-vo sel'khoz.lit-ry, 1960. 75 p.  
(MIRA 13:12)

(Moscow Province--Collective farms)

VALOVOY, D.V.; BANNIKOV, N.A., red.; DEYEVA, V.M., tekhn.red.

[Production ties between collective farms] Mezhholkhoznye  
proizvodstvennyye svyazi. Moskva, Gos.izd-vo sel'khoz.lit-ry,  
1960. 294 p. (MIRA 13:12)  
(Collective farms)

VALOVOY, Dmitriy Vasil'yevich, kand. ekonom. nauk; BRODSKAYA, M.L.,  
red.; PROKOF'YEVA, L.N., tekhn. red.; GUREVICH, M.M.,  
tekhn. red.

[Development of intercollective farm production relations] Raz-  
vitiye mezhkolkhoznykh proizvodstvennykh svyazei. Moskva, Sel'-  
khozizdat, 1962. 519 p. (MIRA 15:7)  
(Collective farms--Interfarm cooperation)

DAVYDOV, A.B. (Moskva); VALOVOY, V.A. (Moskva)

Thermal and thermooxidative degradation of compositions based on  
organosilicon resins. Teplofiz. vys. temp. 2 no.1:102-107 Ja-F  
'64. (MIRA 17:3)

SKRYGAN, A.I. [Skryhan, A.I.]; BELEN'KAYA, T.V.; SHISHKO, A.M. [Shyshko, A.M.];  
VALOZHIN, A.I. [Valozhyn, A.I.]; GORELIK, B.A. [Harelik, B.A.];  
MOROZOVA, L.V. [Marozava, L.V.]

Composition of adubin and its use in the production of furfural.

Vestsi AN BSSR. Ser. fiz.-tekh. nay. no.3:56-63 '59.

(MIRA 13:3)

(Furaldehyde) (Oak)

SKRYGAN, A.I. [Skryhan, A.I.]; SHYSHKO, A.M.; ABRANPAL'SKI, I.N.;  
VALOZHYN, A.I.

Study of sapropels with low ash content from lakes and marshes in  
the White Russian S.S.R. Vestsi AN BSSR.Ser.fiz.-tekh.nav. no.1:  
64-68 '62. (MIRA 16:9)

(White Russia--Sapropel)

VAL'PER, Ye.I., inzh.; SAVITSKIY, T.A., inzh.

Effect of impurities on the heat transfer and aerodynamic resistance  
of an experimental air heater with a heat transfer surface made  
of corrugated sheets. Energomashinostroenie 7 no.11:9-13 N  
'61. (MIRA 14:11)

(Furnaces)

(Heat—Transmission)

VALPETER, A.P.

Age of high level terraces in the Nera basin. Trudy SVKNI no.3:  
3-10 '63. (MIRA 17:11)



VORONOV, F.D.; TRIFONOV, A.G.; KHUSID, S.Ye.; DIKSHEYN, Ye.I.; VAL'PITER, E.V.  
SNEGIREV, Yu.B.; ANTIPIN, V.G.; Primali uchastiye: SMIRNOV, L.A.;  
KAZAKOV, A.I.; YELIZAROV, A.G.; KULAKOV, A.M.; KOZHANOV, M.G.;  
ZARZHITSKIY, Yu.A.; ARTAMONOV, M.P.; GOL'DENBERG, I.B.; ROMANOV,  
V.M.; NOVIKOV, S.M.; MAYEVSKIY, A.B.; DMITRIYEV, I.; MANZHULA, M.;  
BEREZOVOY, I.A.; ZUTS, K.A.; BADIN, S.N.; TATARINTSEV, G.;  
MITROFANOV, N.G.; GAVRILOVA, K.M.; IVANOV, N.I.

Operating a 400-ton open-hearth furnace on casing-head gas.  
Stal' 20 no. 7:594-598 J1 '60. (MIRA 14:5)  
(Open-hearth furnaces--Equipment and supplies)

ZUDIN, V.M.; PATRUSHEVA, N.N.; VALPITER, E.V.; VEREMEY, I.I.

Separate feed of fuel oil. Metallurg 7 no.7:23 JI '62.  
(MIRA 15:7)

1. Magnitogorskiy metallurgicheskiy kombinat.  
(Open-hearth furnaces--Fuel systems)

VORONOV, F.D.; TRIFONOV, A.G.; SNEGIREV, Yu.B.; VAL'PITER, E.V.

Operation of Magnitogorsk Metallurgical Combine open-hearth  
furnaces on natural gas. Stal' 22 no.8:701-704, Ag '62.  
(MIRA 15:7)

1. Magnitogorskiy metallurgicheskiy kombinat.  
(Magnitogorsk--Open-hearth furnaces)  
(Gas, Natural)

PATRUSHEVA, N.N.; VAL'PITER, E.V.

Increasing the speed of mazut discharge from tank cars in  
the wintertime. Neft. khoz. 40 no.4:55-59 Ap '62. (MIRA 15:5)  
(Mazut) (Tank cars) (Viscosity)

TRIFONOV, A.G.; SNEGIREV, Yu.B.; VAL'PITER, E.V.

Thermal conditions in the leading furnace of the Magnitogorsk  
Metallurgical Combine. Metallurg 8 no.9:16-21 S '63.

(MIRA 16:10)

1. Magnitogorskiy metallurgicheskiy kombinat.  
(Magnitogorsk--Open-hearth furnaces)  
(Heat--Transmission)

VH 10-1-10  
YUGOSLAVIA/Human and Animal Physiology - Reproduction.

V-8

Abs Jour : Ref Zhur - Biol., No 2, 1958, 8948

Author : S. Vatovec and I. Valpotic

Inst : -

Title : The Galli-Mainini Reaction in Pregnant Rabbits.

Orig Pub : Vetrin. arh., 1955, 25, No 5-6, 151-154

Abstract : The Galli-Mainini reaction was employed on frogs as an assay of the gonadotropic hormone in pregnant rabbits. The data in the literature, obtained by other biological methods, were corroborated; an increased concentration of gonadotropin in the blood urine, amniotic fluid and placentae of the rabbits was not detected.

Card 1/1

VALS, V.

Experiences with training draftees in the Brno region. p. 683.

Vol. 9, no. 22, Oct. 1955  
SVET MOTORU  
Praha, Czechoslovakia

So: Eastern European Accession Vol. 5 No. 4 April 1956

VALSA, J.

A small capacitance meter and a frequency meter with direct reading. p.147.  
(Sdelovaci Technika, Vol. 5, No. 5, May 1957, Praha, Czechoslovakia)

SO: Monthly List of East European Accessions (EEAL) LC. Vol. 6, No. 9, Sept. 1957. Uncl.



VALSA, J.

New FM demodulator. p. 386.

SDELOVACI TECHNIKA. (Ministerstvo strojirenstvi) Praha, Czechoslovakia.  
Vol. 7, no. 10, Oct. 1959.

Monthly List of East European Accession, (EFAI), LC, Vol. 8, No. 12, Dec. 1959  
Uncl.

VALSA, Juraj, inz.

Aperture distortion. Slaboproudy obzor 21 no.7:41<sup>7</sup>-417 J1'60.  
(EEAI 10:1)

(Television)

Z/039/62/023/008/001/002  
D409/D301

AUTHOR: Valsa, Juraj, Engineer

TITLE: The response of some circuits to a test pulse of  
the  $\sin^2 \frac{\pi}{2T} t$  form

PERIODICAL: - Slaboproudý obzor, v. 23, no. 8, 1962, 458 - 463

TEXT: The article analyzes the response of some typical  
linear circuits to a test signal of the  $\sin^2 \frac{\pi}{2T} t$  waveform. The  
sine-squared signal is most suitable for testing television, color-tele-  
vision, and broad-band communication links; however, its application is  
handicapped by the fact that the response of a circuit to this test pulse  
is either very difficult to calculate, or cannot be formulated at all.  
This difficulty can, to a certain degree, be eliminated by a numerical  
calculation based on the Duhamel's integral and by proceeding from the  
transfer characteristics which are known for most of the circuits in

Card 1/2

The response of some circuits ...

Z/039/62/023/006/001/002  
D409/D301

question. The author lists at first the time and spectrum characteristics of the  $\sin^2 \frac{\pi}{2T} t$  pulse, and uses then the numerical integration of the Duhamel's integral to calculate the response of an RC amplifier without correction, an amplifier with parallel correction, and an ideal system with amplitude modulation and partial single-sideband suppression. It is shown that this calculation method is rather simple and produces only small errors when sufficiently small steps are chosen. More complicated calculations of this kind may be made with the aid of a punched-card computer. There are 12 figures and 2 tables. The most recent English-language reference reads: I.F. Macdiarmid: A Pulse and Bar Waveform Generator for Testing Television Links. Proc. IEE, part B, 105 (1958), no.23, pp 440 - 448.

ASSOCIATION: Vojenská Akademie A. Zápotockého, Brno (A. Zápotocký Military Academy, Brno)

SUBMITTED: March 2, 1962

Card 2/2

VALSA, Juraj, inz.

Numerical calculation of the transient responses of multistage amplifiers. Slaboproudý obzor 23 no.6:338-341 Je '62.

VALSA, Juraj

Numerical calculation of the transient characteristic of a linear system from the real component of transfer factor. Slaboproudý obzor 23 no.9:539-541 S '62.

I. 4327-66

ACC NR: AP5028637

SOURCE CODE: CZ/0039/65/026/002/0078/0084

AUTHOR: Valsa, Jurač (Engineer) 316

ORG: Military Academy im. Antonin Zapotocky, Brno (Vojenska akademie Antonina Zapotockeho)

TITLE: Calculating the response of a non-symmetrical band-pass to a signal modulated in amplitude by a step-function

SOURCE: Slaboprudy obzor, v. 26, no. 2, 1965, 78-84

TOPIC TAGS: band pass amplifier, amplitude modulation, signal modulation

Abstract (Author's Czech and English summaries, modified):

The article derives integral relations for calculating the transient responses of audio frequency analogies for the in-phase and quadrature components of the modulated signal. The computation starts from the course of the real parts of the transmission factors in either analogy. A concrete example is used to show the procedure of practical graphic-numerical computation of the response of a simple LCR circuit to a signal amplitude-modulated by a step-function. Cases of positive and negative modulation and of various amplitude changes of the input signal are examined. Orig. art. has 14 figures and 36 formulas. [JPBS]

SUB CODE: EC / SUBM DATE: 01Apr64 / ORIG REF: 004 / SOV REF: 001

Card 1/1

VALSA, V.

Vosatka, V. Research work and the production of capital goods. p. 170.  
STAVIVO, Praha, Vol. 33, no. 5, May 1955.

SO: Monthly List of East European Accessions, (EEAL), LC, Vol. 4, no. 10, Oct. 1955,  
Uncl.



1. VALSBERG, Kh. I.
2. USSR (600)
4. Electric Switchgear
7. Mass production of devices for remote or automatic switching-in of welding transformers. Aviog. delo 23 no. 12, 1952.

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

CA VAL'SHCHIKOV, N M.

Investigation of chipper operation. N. M. Val'shchikov  
(Molotov Tech. Inst., Leningrad). *Russk. Prom.* 25,  
No. 4, 12-16(1950).--A no. of expts. were carried out on the  
operation of a 4-knife chipper with a disk diam. of 2800 mm.  
operating at 176 r.p.m. The power consumption was detd.  
for various log diams., moisture contents of the wood (fir),  
condition of the knives, and angle of grinding of the knives.  
It was found that chipper capacity was proportional to the  
square of the log diam. Increasing the angle of grinding of  
the knives, or increased knife dullness, resulted in an in-  
crease in power consumption. An increase in chip size  
resulted in decreased power consumption, as did increasing  
moisture content of the wood. The av. percentage (on wt.  
basis) of fines (through a 5 x 5-mm. screen) in a chipper of  
ordinary construction amounted to 5%, varying from 2.5  
to 3% for sharp knives and up to 6-7% for dull knives;  
the av. percentage of oversize chips (held on a 35 x 35 mm.  
screen) amounted to 10%. John Lake Keays

CA VAL'SHCHIKOV, N.M.

23

Multiknife chippers. N. M. Val'shchikov (Molotov Tech. Inst., Leningrad). *Bumash. Prom.* 25, No. 5, 15-19(1950).—The basic characteristic of the multiknife chipper is the fact that it is a continuous chipper, i.e. a given knife enters the log before the preceding knife leaves it. A study was made of the variables in operation of a 10-knife chipper with a disk diam. of 1700 mm., normal speed of 400 r.p.m., powered with a 100-horsepower motor, and with a circular log chute 300 mm. in diam. at an angle of 50-2° to the horizon. In a study of the effect of log diam., wood type, chip length, and knife sharpness on chipper operation, it was found that unit power consumption was much the same as for 3- and 4-knife chippers. The quality of chips, however, was considerably improved, the percentage of fines being 0.7-0.9% (by wt.) ranging from 0.5 with sharp knives to 1.2% with dull knives, and the percentage of oversize chips was approx. 1%. John Lake Keays

Grinding paper machine and finishing machine rolls. I. Ya. Bldlin and A. A. Sukhoparov. *Bumash. Prom.* 25, No. 5, 25-30(1950).—A description is given of the method of grinding the various types of rolls used in a paper mill (press rolls, suction rolls, calender and supercalender rolls, etc.), the frequency of grinding, roll sizes, and types of roll material. John Lake Keays

VAL'SHCHIKOV, Nikolay Markovich; SHARAPIN, Aleksandr Ivanovich; ARKHIPOV,  
N.N., dotsent, nauchnyy redaktor; PLEMYANNIKOV, M.N., redaktor;  
DMITRIYEVA, N.I., tekhnicheskiy redaktor

[Tree-head automatic embroidery machine] Vyshival'nyi trekhgolovochnyi  
svtomat. Moskva, Gos. nauchno-tekhn. izd-vo Ministerstva legkoi  
promyshl. SSSR, 1956. 69 p. (MLRA 9:11)  
(Embroidery (Machine))

VAL'SHCHIKOV, N.M.

Testing and analyzing the operation of drum chippers. Gidroliz. i lesokhim.  
prom. 10 no.8:16-18 '57. (MIRA 10:12)  
(Wood-using industries--Equipment and supplies)

VAL'SHCHIKOV, N.M., kand.tekhn.nauk

Testing the DU-2 cylinder chipper developed by the Central  
Scientific Research Institute for Mechanization and Power Engineering  
in the Forest Industry. Der.prom. 11 no.12:18-20 D '62.

(MIRA 16:1)

(Woodworking machinery--Testing)

VAL'SHCHIKOV, N.M.; DOBROVOL'SKIY, P.P.; CHIKOV, I.I.

Newest types of chippers. Bumagoedel. Mash. no.11:124-148 '63.  
(MIRA 17:6)

VAL'SHCHIKOV, N.M.; DOBROVOL'SKIY, P.P.; SILANT'YEV, V.A.,  
nauchn. red.

[Analyzing the design and performance of various types of chopping machines] Analiz konstruktsii i raboty rubitel'nykh mashin raznykh tipov. Moskva, Tsent. nauchno-issl. in-t informatsii i tekhniko-ekon. issledovani po lesnoi, tselliulozno-bumazhnoi, derevoobrabatyvaiushchei promyshl. i lesnomu khoz., 1963. 68 p. (MIRA 17:9)



VAL'SHCHIKOV, N.M., kand. tekhn. nauk

Ten-knive disk chipper. Bum. prom. 38 no.5:13-15 My '63.  
(MIRA 16:8)  
(Woodpulp industry--Equipment and supplies)

VAL'SHCHIKOV, Nikolay Markovich; ZHITKOV, A.V., red.;

[Disk-type chopping machines] Diskovye rubitel'nye ma-  
shiny. Moskva, Lesnaia promyshlennost', 1964. 208 p.  
(MIRA 17:10)

VAL'SHCHIKOV, N.M.; YEFRON, A.I.

Helicoidal surface of the cutting knives and disk sectors of chippers.  
Bumagodel. mash. no.12:30-36 '64. (MIRA 17:11)

VAL'SHCHIKOV, N.M.

Design for strength of the basic parts of chippers. Bumagodel.

mash. no.12:37-54 '64.

(MIRA 17:11)

KRUCHININA, R.A.; DANILOV, K.D., inzh., retsenzent; VAL'SHCHIKOV,  
N.M., kand. tekhn. nauk, red.

[Machines for mechanical textile finishing; theory, design  
and construction] Mashiny dlia mekhanicheskoi otdelki tka-  
nei; teoriia, raschet i konstruirovaniie. Moskva, Mashino-  
stroenie, 1965. 270 p. (MIRA 18:5)

80623  
SOV/81-59-5-15977

5.2400(A)  
Translation from: Referativnyy zhurnal, Khimiya, 1959, Nr 5, p 327 (USSR)

AUTHORS: Mikulinskiy, A.S., Yakunohikov, V.N., Val'shchikov, V.I.,  
Yafremkin, V.V.

TITLE: The Refining of Amorphous Boron by Oxidation Burning in a  
"Fluidized Bed"

PERIODICAL: Tr. Ural'skogo n.-i. khim. in-ta, 1957 (1958), Nr 5, pp 206-210

ABSTRACT: The possibility is investigated of refining amorphous boron (AB) by means of oxidation burning in a fluidized bed (FB). Weighed portions (4 - 36 g) of AB, containing 85% of total B and 11% Mg, were placed in a chamotte crucible and air was blown in through the bottom of the crucible with a rate of 20 - 35 l/min, at a temperature of 20 to 400°C, and a burning time of 30 - 95 minutes. When the reaction zone (RZ) of the furnace was heated up due to the hot air, a thermal gradient of 120 - 140°C was observed over the porous bottom and in the mass of the product, which brings

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The Refining of Amorphous Boron by Oxidation Burning in a "Fluidized Bed"

about the ignition of the product. By installing a separate heater of the RZ, the self-ignition was eliminated. At a temperature of 540 - 560°C of the FB, the obtained product contained 94 - 95% of total B and 2.7 - 3.3% Mg. ✓

V. Shatskiy

Card 2/2

VALSHIK, Y.A. [Yalsik, J.A.]

The rate of permanent teeth cutting in infants. Trudy VUZ.  
Otd. biol. 14:34-41 '64. (MIRA 13:4)

1. Kafedra antropologii i genetiki universiteta Komenskogo v  
Bratislave.



GARTSMAN, B.M., kand.ekon.nauk; VAL'SHONOK, A.S., ekonomist; REKITAR,  
Ya.A., ekonomist.

Methods of estimating the needs in ceramic building materials  
during the sixth five-year period (1956-1960). Trudy  
NIISTroikeramiki no.13:226-243 '58. (MIRA 12:5)  
(Russia--Economic policy)  
(Building materials)  
(Ceramics)

GARTSMAN, B.N., kand.ekonom.nauk; VAL'SHONOK, A.S., inzh.-ekonomist;  
SOLOLINA, D.L., inzh.-ekonomist

Growth of production and improvement of technical and economic  
indices in the building-ceramics industry. Trudy NII Stroikeramiki  
no. 14:154-168 '59. (MIRA 14:1)  
(Ceramic industries)

VAL'SHONOK, O.S.; VLADIMIROVA, O.F. [Vladymyrovu, O.F.]

Dynamics of electroencephalographic disturbances in experimental disorders of cerebral blood circulation. Fizol. zhur. [Ukr.] 10 no.2:190-195 Mr-Apr '64. (MIRA 18:7)

1. Ukrainskiy nauchno-issledovatel'skiy psikhonevrologicheskiy institut, Khar'kov.

VAL'SHONOK, O.S.; SHINDEL'MAN, R.Ya.

Reflex vegetative syndromes in the late period of lesions  
of the peripheral nervous system. Zhur. nevr. i psikh.  
62 no.2:259-265 '62. (MIRA 15:6)

1. Otdel vegetativnoy patologii (zav. - doktor meditsinskih  
nauk O.S. Val'shonok) Ukrainского nauchno-issledovatel'skogo  
psikhonevrologicheskogo instituta (dir. - starshiy nauchnyy  
sotrudnik P.I. Kovalenko) i Khar'kovskaya psikhonevrologicheskaya  
bol'nitsa (glavnyy vrach - kand.med.nauk O.R. Stepanenko).

(NERVES, PERIPHERAL--DISEASES)  
(NERVOUS SYSTEM, AUTONOMIC--DISEASES)

VAL'SHTEYN, G.I.; NARUSEVICH, V.S.; KIM, Ye.P.

Supports for short duration seam workings. Nauch. trudy KNIUI  
no.14:284-286 '64. (MIRA 18:4)

VAL'SHTEYN, G.I.; NARUSEVICH, V.S. - SMOLYAGA, V.M.

Cable-anchor bolting for development workings. Nauch. trudy  
KNIUI no.14:286-291 '64. (MIRA 18:4)

VAL'SHTEYN, G.I.; KLEYMENOV, V.P.; FILIMONOV, Ya.G.

Investigating efficient parameters of the rod bolting of stopes  
in the Dzhezkazgan Mine. Nauch. trudy KNIUI no.14:291-298 '64.  
(MIRA 18:4)

VAL'SHTEYN, G.I.; NARUSEVICH, V.S.; SHURUBA, M.R.

Concentration of operations in the development face. Nauch.  
trudy KNIUI no.14:325-329 '64. (MIRA 1814)



VAL'SHTEYN, G.I.; RAKHIMZHANOVA, K.K.

Determining the location of lateral drifts relative to the limit  
of the area of stationary bearing pressure distribution. Nauch.  
trudy KNIUI no.14:338 344 '64.

Manifestation of temporary bearing pressure during the ground  
movement over lateral drifts. Ibid.:344-349 (MIRA 18:4)

VAL'KHEVYH, G. I.

Investigating temporary bearing pressure on flat seams. Nauch. trudy KNIUI no. 14:349-354 164.

Investigating the distribution of the maximum bearing pressure area in front of the longwall face. Ibid.:355-359

Investigating the stressed state of rock surrounding the lateral drifts behind the longwall face. Ibid.:359-366

Investigating the regularities of the distribution of temporary bearing pressure in front of the longwall face. Ibid.:366-372  
(MIRA 18:4)

MATONIN, P.K., inzh.; VAL'SHTEYN, G.I., kund. tekhn. nauk

New objectives of Karaganda Basin miners. Shakht.stroi. 9 no.4:1-4  
Ap '65. (MIRA 18:5)

1. Glavnyy inzh. kombinata Karagandaugol' (for Matonin). 2. Nachal'-  
nik otdele podgotovitel'nykh rabot Karagandinskogo nauchno-issledo-  
vatel'skogo ugol'nogo instituta (for Val'shteyn).

VAL'SHTEYN, G.I.; VOLKOV, A.S.; TROFIMOV, V.P.

Basic measures to control the swelling of ground rock in development  
workings. Nauch. trudy KNIUI no.14:321-325 '64. (MIRA 18:4)

IOFFE, Solomon Yefimovich; VAL'SHTEYN, G., redaktor; DOLGOPIYATOV, Yu.,  
redaktor; OYSTRAKH, V., tekhnicheskiiy redaktor

[General combined work crews in mines] Skvoznye komplekanye brigady  
na shakhte. Alma-Ata, Kazakhskoe gos. izd-vo, 1956. 13 p. (MLRA 9:10)  
(Coal mines and mining)

FATYUKHIN, Mikhail Dmitriyevich, mashinist elektrovoza; VAL'SHTEYN, G.,  
redaktor; V'YUSHINA, L., redaktor; OYSTRAKH, V., tekhnicheskii  
redaktor

[Free assignment of locomotives in underground transportation]  
Kol'tsevaia ezda na podzemnom transporte. Alma-Ata, Kazakhskoe  
gos. izd-vo, 1956. 13 p. (MLRA 9:10)

1. Shakhta No.17 imeni Kalinina tresta Leninugol' kombinata  
"Karagandaugol'" (for Fatyukhin)  
(Mine railroads)

LYUBOSHCHINSKIY, Dmitriy Markovich; VAL'SHTEYN, G., redaktor; SHILOV, F.,  
redaktor; OYSTRAKH, V., tekhnicheskiy redaktor

[Give coupled cutter-loaders a clear track ahead; the work practice  
of V.Borodin's repair crew at the S.M.Kirov Mine] Sdvoennym kombai-  
nam - shirokuiu dorogu; iz opyta raboty remontno-podgotovitel'noi  
brigady shakhty im. S.M.Kirova V.Borodina. Alma-Ata, Kazakhskoe gos.  
izd-vo, 1956. 13 p. (MIRA 9:10)

(Coal mines and mining)

M<sup>A</sup>STER, Abram Zinov'yevich; VAL'SHEYN, G., redaktor; KIRPICHNIKOV, V.,  
redaktor; OYSTRAKH, V., tekhnicheskii redaktor

[High labor productivity in mines on a 24-hour schedule] Vysokaiia  
proizvoditel'nost' truda na shakhte sploshnoi tsiklichnosti, Alma-  
Ata, Kazakhskoe gos. izd-vo 1956. 39 p. (MLRA 9:10)  
(Coal mines and mining)



VELICHKO, Vasily Dmitriyevich, mashinist kombayna "Donbass"; VAL'SHTEYN, G.,  
redaktor; DOLGOPYATOV, Yu., redaktor; OYSTRANH, V.G., tekhnicheskiy  
redaktor

[27 thousand tons of coal a month per cutter-loader is not the  
limit ] 27 tysyach tonn uglia v mesyats na kombain - ne predel.  
Alma-Ata, Kazakhskoe gos. izd-vo, 1956. 14 p. (MIRA 9:10)

1. Shakhta No.31 kombinata "Karagandaugol'" (for Velichko)  
(Coal mines and mining)

SHNAYDMAN, Maks Iosifovich; VAL'SHTEYN, G., redaktor; LYAKHOVETSKAYA, T.,  
redaktor; OYSTRAKH, V., tekhnicheskikh redaktor

[A new, efficient method of mine timbering] Novyi effektivnyi sposob  
upravleniia krovlei. Alma-Ata, Kazakhskoe gos. izd-vo, 1956. 22 p.  
(MIRA 9:10)

1. Nachal'nik tekhnicheskogo upravleniya kombinata "Karagandaugol"  
(for Shnaydman)  
(Mine timbering)

VAL'SHTEYN, G. I., instr.

Study of efficient parameters of unsupported sunken timbers  
for development workings in the Karaganda Basin. Izv. vys.  
ucheb. zav. § gor. zhur. 5 no. 8:34-44 '62.

(MIRA 15:10)

1. Karagandinskiy nauchno-issledovatel'skiy ugol'nyy institut.  
Rekomendovana laboratoriyey provedeniya i krepleniya podgotovitel'nykh vyrabotok.

(Karaganda Basin--Mine timbering)

VAL'SHTEYN, G., gornyy inzh.

One of 59. Sov. shakht. li no.3:9-10 Mr '62. (MIRA 15:5)

1. Zaveduyushchiy neshtatnym otdelom zhurnala "Sovetskiy shakhter"  
v Karagande.

(Karaganda Basin—Coal mines and mining)

VAL'SHTEYN, G.I., inzh.; VOLKOV, A.S.

Unsupported roof cap sets maintained in stock for short-term mining operations. Shakht. stroi. 7 no.3:25 Mr'63

(MIRA 17:7)

1. Karagandinskiy nauchno-issledovatel'skiy ugol'nyy institut (for Val'shteyn). 2. Kombinat Karagandaugol' (for Volkov).

MATONIN, P.K., inzh.; VOLKOV, A.S., inzh.; VAL'SHTEYN, G.I., inzh.

Karaganda Basin miners fight for improved mining methods. Shakht.  
stroi. 7 no.4:1-4 Ap '63. (MIRA 16:3)

1. Karagandinskiy ugol'nyy kombinat (for Matonin, Volkov). 2. Kara-  
gandinskiy nauchno-issledovatel'skiy ugol'nyy institut (for Val'-  
shteyn).

CHURUKIN, A.S.; VAL'SHTAYN, G.I.; TROFIMOV, V.P.

Using underground charges to combat gnomes heaving in a tunnel  
at Mine No. 13 of the "Abaitgol" Trust. Uzdol' 39 no. 22332 (1982)

I. Seredolevskiy gornyy institut (for Churukin). P. Yevgenievskiy  
nauchno-issledovatel'skiy ugol'nyy institut (for Val'shtayn,  
Trofimov).

ALEKHIN, F.K.; ALOTIN, L.M.; ALTAYEV, Sh.A.; ANTONOV, P.Ye.;  
BEVZIK, Yu.Ya.; BELEN'KIY, D.M.; BRATCHENKO, B.F.,  
gornyy inzh.; BRENNER, V.A.; BYR N<sup>o</sup> 7.F.; VAL'SHTEYN,  
G.I.; YERMOLENOK, N.S.; ZHISLIN, I.M.; IVANOV, V.A.;  
IVANCHENKO, G.Ye.; KVON, S.S.; KODYK, G.T.; KREMENCHUTSKIY,  
N.F.; KURDYAYEV, B.S.; KUSHCHANOV, G.K.; MASTER, A.Z.;  
PREOERAZHENSKAYA, Ye.I.; ROZENTAL', Yu.M.; RUDOY, I.L.;  
RUSHCHIN, A.A.; RYBAKOV, I.P.; SAGINOV, A.S.; SAMSONOV,  
M.T.; SERGAZIN, F.S.; SKLEPCHUK, V.M.; USTINOV, A.M.;  
UTTS, V.N.; FEDOTOV, I.P.; KHRAPKOV, G.Ye.; SHILENKOV, V.N.;  
SHNAYDMAN, M.I.; BOYKO, A.A., retsenzent; SUROVA, V.A.,  
ved. red.

[Mining of coal deposits in Kazakhstan] Razrabotka ugol'-  
nykh mestorozhdenii Kazakhstana. Moskva, Nedra, 1965. 292 p.  
(MIRA 18:5)



VAL'SHTEYN, V.A.

Clinical manifestation of Popov's phenomenon. Sbor.nauch.-prak.  
rab.Poliklin.im. F.E.Dzerzh. no.2:216-222 '61. (MIRA 16:4)  
(TEETH--ABNORMITIES AND DEFORMITIES)

VAL'SHTREM, Ye. A.

"Coordination of Somatic Muscle Development Rates in the Ontogenesis of Mammals." Cand Biol Sci, Leningrad Pedagogical Inst, Leningrad, 1953.  
(RZhBiol, No 7, Dec 54)

Survey of Scientific and Technical Dissertations Defended at USSR Higher Educational Institutions (12)  
SO: SUM. No. 556, 24 Jun 55

USSR/General Biology. Individual Development B

Abs Jour : Ref zhur-Biol., No 13, 1958, 57154

Author : ~~Val'shtrem Ye. A.~~

Inst : Leningrad Pedagogical Institute

Title : On the Coordination of the Tempo of Development  
of Somatic Musculature in the Ontogenesis of  
Mammals

Orig pub : Uch. zap. Leningr. ped. in-ta, 1955, 110, 25-53

Abstract : The histogenesis of the muscles of white rats  
embryos, beginning with the 11th day of intra-  
uterine development to the day of birth was  
studied. In order to study the tempo of myoge-  
nesis the development of muscles of various  
origin was compared: external optic, antebra-  
chial, leg, trunk, diaphragm, and tongue. It  
was shown, that differences in the development

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USSR/General Biology. Individual Development

B

Abs Jour : Ref Zhur-Biol., No 13, 1958, 57154

Abstract : level of simultaneously forming muscular bases may be observed to the 13th day only. From the 13th day all muscular bases developed synchronically. In order to clarify the significance of the nervous system in the coordination of the tempo of musculature development, the denervation of an extremity in the newly born rats by removing from the sciatic and femoral nerves sections 3 to 5 mm was carried out. Observations were continued for a period of 1 month after birth. Within 3 days the weight denervated extremity lagged behind the weight of the normal extremity of the intact rat; by the end of the month it equaled 37.14% of the weight of the normal extremity, and to 57.03% of the weight of the contralateral extremity. The length of the denervated extremity on the 30th day of observa-

Card 2/.

VAL'SHTREM, Ye.A.

Pathogenesis of radiation injuries and the reparative processes  
in rat embryos following irradiation of the female with roentgen  
rays on the tenth day of pregnancy. Arkh.anat.gist.i embr. 38 no.3:  
72-79 Mr '60. (MIRA 14:5)

1. Laboratoriya embriologii (zav. - chlen-korr. AMN SSSR prof. P.G.  
Svetlov) Instituta eksperimental'noy meditsiny AMN SSSR i kafedra  
zoologii (zav. - prof. S.V.Gerd) Leningradskogo pedagogicheskogo  
instituta im. A.I.Gertsena.  
(RADIATION---PHYSIOLOGICAL EFFECT)  
(EMBRYOLOGY---RODENTIA)

27.1220

29828

S/020/61/140/006/030/030

B:03/B:0:

AUTHOR: Val'shtrem, Ye. A.

TITLE: Analysis of damages and reparative processes in the embryogenesis of rats after x-ray irradiation

PERIODICAL: Akademiya nauk SSSR. Doklady, v. 140, no. 6, 1961, 1434 - 1436

TEXT: Reparative processes set in after developmental abnormalities in rat embryos (Ye. A. Val'shtrem, Arkh.anat., gistol. i embriol., 38, No. 3, 72 (1960)). Therefrom, it was concluded that a significant percentage of the damages is repaired (single total x-ray irradiation of rats on the 10th day of gravidity, Pymm-3 (Rumm-3) apparatus, dose 130 r). In the present paper, the interrelation between the damages and reparative processes found in irradiated embryos is characterized in detail. The varying percentages of mitoses in the cerebral rudiment (inner ependym) of irradiated and normal embryos (control) were compared in stained sagittal slices of 6 $\mu$  thickness. The index of mitotic activity, i.e. percentage of mitotic cells to total number of cells was Card 1/3

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S/020/67/40/006/030/030

B103/B101

Analysis of damages and...

computed for the individual days of development for both groups of embryos. It has been found that the dividing process of the neural rudiment is strongly suppressed in the case of irradiated embryos (on the 11th day after insemination), since only 11.68% of mitotic cells were found as compared with 42.13% in the controls. The mitotic index increased gradually on the subsequent days so that the curves of test embryos and controls coincided from the 14th day on. This restoring of the normal level of mitotic activity proves the existence of efficient regulative mechanisms in the embryo. The degree of reduction of mitotic activity in the ependyma of the cerebrum is interrelated with the appearance of anomalies (Fig.2). A very close interdependence was found between the mitotic index in the cerebrum hemispheres of irradiated embryos and the total degree of damage done to the embryos: the heavier the total damage after irradiation, the lower the mitotic activity of the nerve tissue of such an embryo. It has been proved in 13 days old embryos that the degree of damage undergone by the cerebrum is closely connected with the reduction of the mitotic activity. The efficiency of the reparative processes would be hardly possible without the intensified growing of the cerebrum, and thus without increase of mitoses.

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29828S/020/61/140/006/030/030  
B103/B101

Analysis of damages and...

Conclusions: Due to the above comparisons, it becomes probable that the increase of cell divisions in embryos with anomalous cerebrum has a regulating effect. There are 2 figures, 1 table, and 4 Soviet references.

ASSOCIATION: Leningradskiy gosudarstvennyy pedagogicheskiy institut im. A. I. Gertsena (Leningrad State Pedagogical Institute imeni A. I. Gertsen), Institut eksperimental'noy meditsiny Akademii meditsinskikh nauk SSSR (Institute of Experimental Medicine, Academy of Medical Sciences USSR)

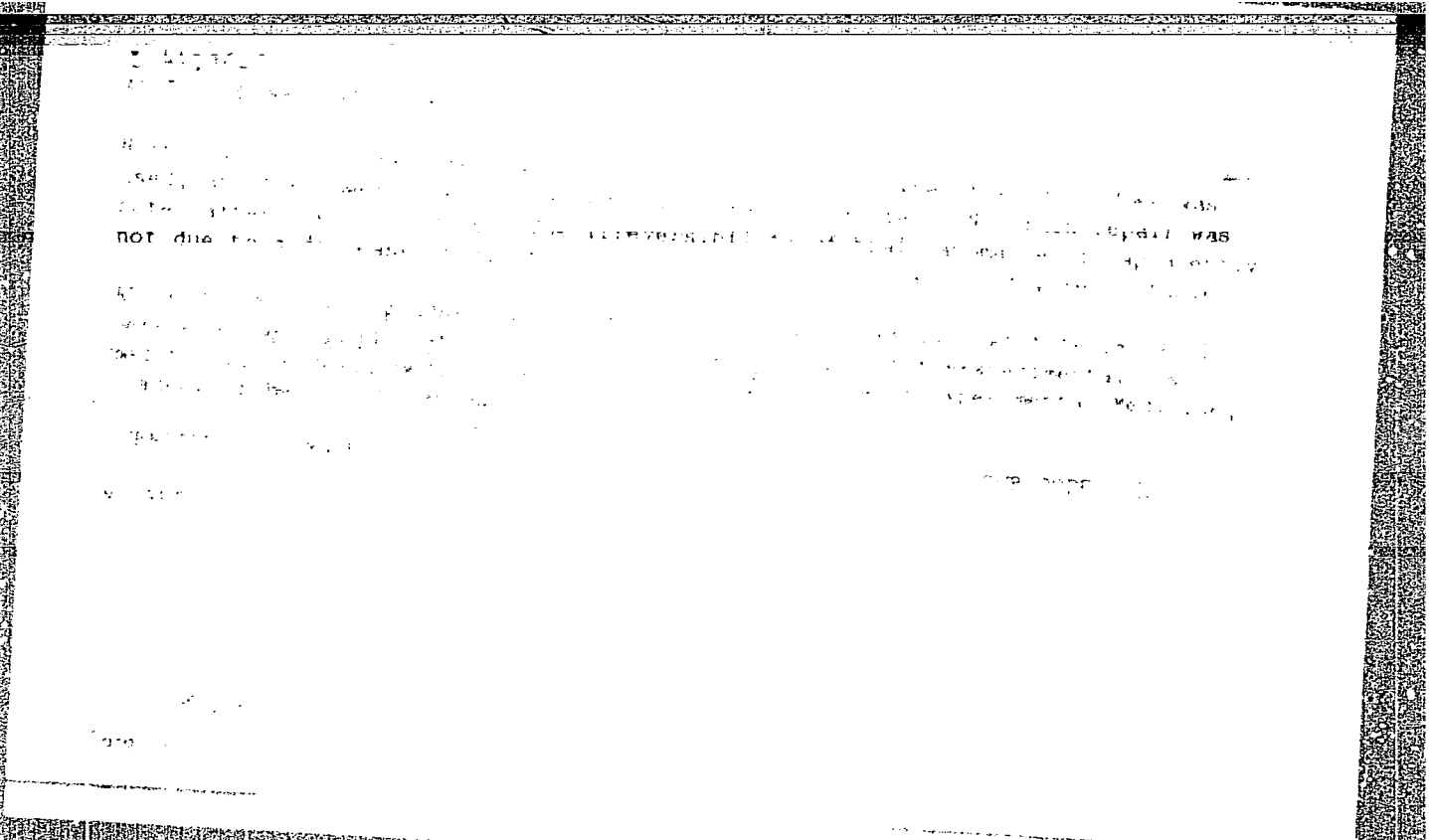
PRESENTED: May 16, 1961, by Yu. A. Orlov, Academician

SUBMITTED: May 8, 1961

Card 3/5



SOURCE: AN SSSP. Doklady, v. 161, no. 4, 1985, 055-957



VAL'SHTREM, Ye.A.

Reparation of the mitotic activity of the brain ependyma in  
the embryos of rats following X-ray irradiation. Dokl. AN  
SSSR 161 no.4:955-957 Ap '65. (MIRA 18:5)

1. Leningradskiy gosudarstvennyy pedagogicheskiy institut im.  
A.I.Gertsena i Institut eksperimental'noy meditsiny AMN SSSR.  
Submitted June 17, 1964.