

11D

CA

The chemical composition of wood bark. V. I. Sharkov, Z. A. Tyagunova and V. N. Karpina. *Lesokhim. Prom.* 6, No. 7, 9-10(1938); *Khim. Referat. Zhur.* 2, No. 3, 124 (1939); cf. C. A. 33, 56511. —By extn. of the bast of pine with boiling water and with 90% alc. followed by an extn. of the residue with  $(NH_4)_2CO_3$  soln. it was possible to sep. pectin hydrate, from which the pectin gave 57.5% of polyuronides, 12.0% of pentosans, 2.0% of methoxides, 4.2% of lignin, 1.0% of ash and about 3% of volatile acids. The nature of the remaining 20% of substances is not yet detd. The polyuronic acids contain galacturonic acid. In the pectin obtained from the bast of birch were found up to 71% of uronic acids. In its methoxide content (3.4%) it resembles the pectin obtained from the bast of pine.

The pectins of bark possess no jelling properties, probably owing to the low content of the methoxides.  
W. R. Henn

ASD 514 METALLURGICAL LITERATURE CLASSIFICATION

TYAGUNOVA, Z.A.; PARAMONOVA, G.D.

Determining hardwood species in hydrolysis raw materials. *Gidroliz.*  
i *lesokhim. prom.* 17 no.7:7-8 '64. (MIRA 17:11)

1. Gosudarstvennyy nauchno-issledovatel'skiy institut gidroliznoy  
i sul'fitno-spirovoy promyshlennosti, Leningrad.

KOROL'KOV, I.I.; TYAGUNOVA, Z.A.; POLIVANNYY, V.I., nauchn. red.;  
PETRENKO, V.M., tekhn. red.

[Continuous neutralization of hydrolysates] Nepreryvnaia  
neitralizatsiia gidrolizatorov. Moskva, TSentr. in-t  
tekhn. informatsii i ekonom. issl. po lesnoi, bumazhnoi i  
derevoobrabatyvaiushchei promyshl., 1963. 31 p.  
(MIRA 16:9)

(Hydrolysis) (Lime)

KOROL'KOV, I.I.; TYAGUNOVA, Z.A.; LIKHONOS, Ye.F.

Rate of crystallization of plaster of Paris from supersaturated solutions at various temperatures. Zhur. prikl. khim, 34 no.1: 120-125 Ja '61. (MIRA 14:1)

(Plaster of Paris)

KOROL'KOV, I.I.; TYAGUNOVA, Z.A.; RYAZANTSEV, N.V.; PETI, P.K.;  
MEDVEDEV, S.F.; LYUKHANOV, O.F.

Continuous neutralisation of hydrolyzates. *Gidroliz i  
lesokhim.prom.* 13 no.1:17-20 '60. (MIRA 13:5)

1. Nauchno-issledovatel'skiy institut gidroliznoy i sul'fitno-  
spirtovoy promyshlennosti (for Korol'kov, Tyagunova, Ryazantsev,  
Peti).
2. Tavdinskiy gidroliznyy zavod (for Medvedev).
3. Krasnodarskiy gidroliznyy zavod (for Lyukhanov).  
(Krasnodar--Wood-using industries--Equipment and supplies)  
(Hydrolysis)

KOROL'KOV, I.I.; TYAGUNOVA, Z.A.; LIKHOMOS, Ye.F.

Rate of crystallization of gypsum during the continuous  
neutralization of hydrolyzates. Gidroliz.i lesokhim.prom.  
12 no.6:4-6 '59. (MIRA 13:2)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut gidroliznoy i  
sul'fitnospirtovoy promyshlennosti.  
(Gypsum) (Hydrolysis)

TYAGUNOVA, Z.A.; KUBAREVA, Ye.A.; GLAZMAN, R.A.

Adoption of the continuous neutralization of hydrolyzates at the Krasnodar Hydrolysis Plant. *Gidroliz.i lesokhim.prom.* 12 no.2:15-17 '59.  
(MIRA 12:3)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut gidroliznoy i sul'fitno-spirovoy promyshlennosti (for Tyagunova, Kubareva). 2. Krasnodarskiy gidroliznyy zavod (for Glazman).  
(Krasnodar--Hydrolysis)



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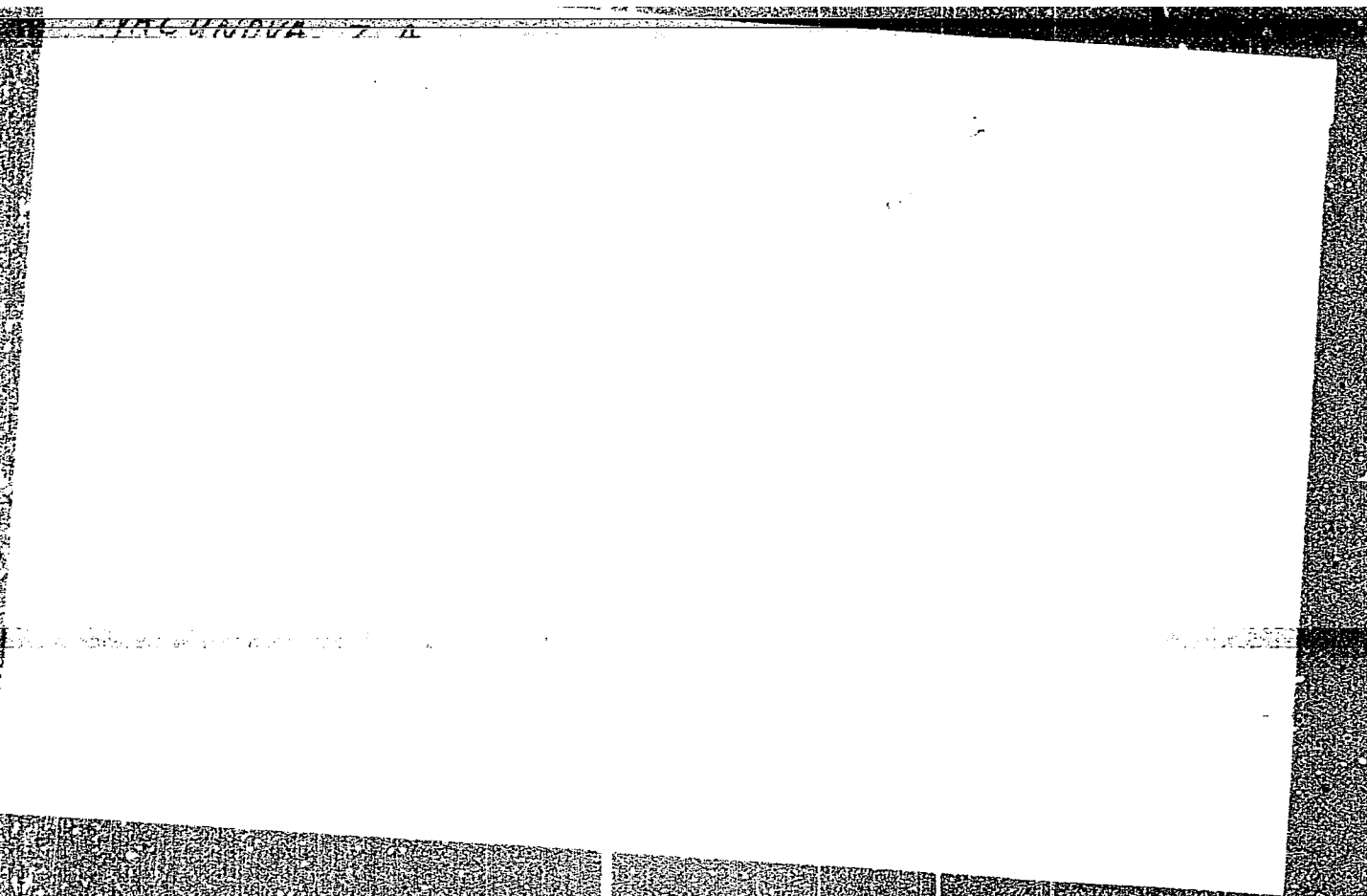
**CIA-RDP86-00513R001757710009-4"**

KOROL'KOV, I.I.; TYAGUNOVA, Z.A.; IVLIYEVA, Ye.A.; RYABOVICH, V.I.;  
PAPASHNIKOV, L.M.

Kinetic method of evaluating systems of percolation hydrolysis of  
sawdust. *Gidroliz. i lesokhim. prem.* 11 no.6:3-6 '58.

(MIRA 11:10)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut gidroliznoy i  
sul'fitno-spirovoy promyshlennosti.  
(Hydrolysis)



KOROL'KOV, I.I.; TYAGUNOVA, Z.A.

Neutralization of hydrolyzates with controlled crystallization  
of gypsum. *Gidroliz. i lesokhim.prom.* 9 no.5:3-5 '56.  
(MLRA 9:11)

1. Vsesoyznyy nauchno-issledovatel'skiy institut gidroliznoy i  
sul'fitno-spirovoy promyshlennosti.  
(Hydrolysis) (Gypsum)

ATAROV, M.S.; BERNSHTEYN, A.S.; BUNIN, N.N.; VOL'NOV, I.I.; GINZBURG, V.A;  
DANOVSKIY, N.F.; IVLEV, N.I.; KERZHENEVICH, Yu.B.; LITVII-SEDOY,  
M.Z.; MAYZEL', B.N.; ROTENBERG, G.I.; TYAGUNOVA, Z.L., red.;  
PLAKSHE, L.Yu.; tekh. red.

[Concise Italian-Russian polytechnic dictionary] Kratkii ital'iansko-  
russki politekhnicheskii slovar'. Moskva, Glav.red.inostr. nauchno-  
tekhn.slovarei Fizmatgiza, 1961. 378 p. (MIRA 14:12)  
(Italian language—Dictionaries—Russian)  
(Technology—Dictionaries)

NAKHIMZHAN, Oskar Emzich; SOBOLEVSKIY, V.I., kand. geol.-miner. nauk,  
red.; MANOLE, M.G., red.; TYAGUNOVA, Z.I.; red.; FLAKSHE,  
L.Yu., tekhn. red.

[Dictionary of mineralogical terms in five languages] Piatiazych-  
nyl slovar' mineralogicheskikh nazvaniy. Pod red. Sobolevskogo,  
V.I. Moskva, Glav. red. inostr. nauchno-tekhn. slovarei Fizmatgiza,  
1962. 347 p. (MIRA 16:3)  
(Dictionaries, Polyglot) (Mineralogy—Dictionaries)

AGZIBEKOV, Oleg Grigor'yevich; KAMENEVA, Valentina Mikhaylovna; SALTYSKOVA, Viktoriya Isidorovna; TSIMMERMAN, Moisey Gernikhovich; VOSKOBOYNIK, D.I., doktor tekhn. nauk, red.; TYAGUNOVA, Z.I., red.; ERUDHO, K.P., tekhn. red.

[French-Russian nuclear dictionary] Frantsuzsko-russkii iadernyi slovar'. Pod red. D.I.Voskoboinika. Moskva, Glav. red. inostr. nauchno-tekhn. slovarei Fizmatgiza, 1961. 242 p. (MIRA 14:9)  
(French language—Dictionaries—Russian)  
(Nuclear physics—Dictionaries)

MALAKHOVSKIY, Yakov Emmanuilovich; GOL'DBERG, Georgiy Isayevich;  
ZHEBNIKOV, S.D., red.; TYAGUNOVA, Z.I., red.

[French-Russian motor-vehicle and tractor dictionary]  
Frantsuzsko-russkii avtotraktornyi slovar'. Moskva, Sovetskaya  
vetskaya Entsiklopediya, 1965. 459 p. (MIRA 18:10)



TYAGNY-HYADKO, M.G.

Biophysical and chemical analysis of soil aggregates. Pochvovedenie  
no.12:76-84 D '58. (MIRA 12:1)

1. Kuybyshevskiy sel'skokhozyaystvennyy institut.  
(Soils--Analysis)



*TYAGUS, V.A.*

BAGRYANSKIY, K.V., kandidat tekhnicheskikh nauk, dotsent; PROTASOV, N.F.  
inzhener; TYAGUS, V.A., inzhener; SHAPIRO, Yu.A., inzhener.

Automatic building up of the surface of steel rolls with ceramic  
flux. Stal' 16 no.11:994-997 N '56. (MLRA 10:1)

1. Zhdanovskiy metallurgicheskiy institut i zavod "Asovstal'."  
(Rolls (Iron mills)) (Electric welding)

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**CIA-RDP86-00513R001757710009-4"**

LEPORSKIY, V.V., inzhener; TYAGUS, V.A., inzhener

Increasing the stability of tilting open hearth furnaces. Stal' 15  
no.8:704-708 Ag'55. (MLRA 8:11)

1. Zavod "Azovstal'"  
(Open-hearth furnaces)

TYAKACHINSKII, I.D.

I.I. KITAIGORODSKII, Stekolnaya i Keram Prom, 1944, No 1/2, 9-16

DYBOVSKAYA, Irma Konstantinovna, dotsent, kand.filol.nauk; PROMTOVA, Irina Andreyevna; SUVOROVA, Vera Vasil'yevna; CHESKIS, Zoya Borisovna; DEYEV, G.N., red.; MASEVICH, A.G., doktor fiz.-matem.nauk, red.; PARIYSKIY, N.N., kand.fiz.-matem.nauk, red.; TANTSOVA, N.N., kand. tekhn.nauk, red.; TERENT'YEVA, L.V., red.; TYAGUNOVA, Z.I., red.; KRYUCHKOVA, V.N., tekhn.red.

[French-Russian geophysical dictionary] Frantsuzsko-russkii geofizicheskii slovar'. Pod red. G.N.Deeva i dr. Moskva, Glav.re-daktsiia inostr.nauchno-tekhn.slovarei Fizmatgiza, 1960. 374 p.  
(Geophysics--Dictionaries) (MIRA 13:9)  
(French language--Dictionaries--Russian language)  
(Russian language--Dictionaries--French language)

TYAGUNOV, S.A., inzh.

Constructing industrial buildings on hillsides. Prom.stroi. 38  
no.2:32-34 '60. (MIRA 13:5)  
(Factories--Design and construction)



*11/15/58 (MIRA 11:2)*  
FEL'DMAN, M.A., inzh.; TYAGUNSKIY, N.D., inzh.

Manufacturing cranes for countries with tropical and humid  
climate. Stroi. i dor. mashinostr. 3 no.2:37-38 F '58.

(Cranes, derricks, etc.)

(MIRA 11:2)

TYAKHEPYL'D, L. [Tähepõld, L.]

Change in the degree of amidation and in some physicochemical properties of brain proteins in a disorder of the binding of ammonia by the liver. Vop. med. khim. '8 no. 3:264-270 My-Je '62.  
(MIRA 15:7)

1. Chair of Biochemistry, State University, Tartu.  
(LIVER) (AMMONIA) (BRAIN) (PROTEINS)  
(AMIDATION)

... influence of ... of the ...  
formation and ... of the ...

ТЯКНЕПЫЛ'Д, Л. ЯН.

"On the Effect of Prolonged Medicinal Sleep and Ascorbic Acid on the Content of Ammonia and Glutamine in the Blood,"  
by L. Ya. Tyakhepyl'd, Chair of Biochemistry, Tartu State University, Voprosy Meditsinskoy Khimii, Vol 2, No 4, Jul/Aug 56, pp 299-304

In experiments on guinea pigs and rabbits it was found that prolonged medicinal sleep results in an increased content of ammonia in the blood which parallels a disturbance in the synthesis of urea in the liver. The amount of glutamine in the blood in medicinal sleep increases but it does not always increase in proportion to the increase in the content of ammonia, this being due, evidently, to decreased synthesis of glutamine under the influence of the medicinal. Ascorbic acid prevents an increase in the level of ammonia in the blood during medicinal sleep and also normalizes the process whereby ammonia is bound in the form of glutamine. (U)

Sum. 1360

TYAKHEPYL'D, L.Ya.

Effect of prolonged drug-induced sleep and ascorbic acid on ammonia and glutamine contents of the blood. Vop.med.khim. 2 no.4:305-308  
Jl-Ag '56. (MLRA 9:10)

1. Kafedra biokhimii Tartuskogo gosudarstvennogo universiteta.  
(SLEEP, effects,  
medicinal sleep on blood ammonia & glutamine (Rus))  
(VITAMIN C, effects,  
on blood ammonia & glutamine (Rus))  
(GLUTAMINE, in blood,  
eff. of medicinal sleep & vitamin C (Rus))  
(AMMONIA, in blood,  
same)

TYAKHEPYL'D, L.Ya., Cand Med Sci—(diss) "Processes of formation and  
binding of ammonium in the liver and <sup>and brain as a function of</sup> ~~brain~~ depending on stimulation and  
inhibition of the central nervous system <sup>under</sup> ~~upon~~ prolonged action of sopori-  
~~feric.~~ Tartu, 1958. 43 pp with drawings (Tartu State U), 200 copies

(KL,26-68,118)

770 -

TYAKHEPYL'D, L.Ya. [Tšhepšld, L.]

Ammonia and glutamine content in the brain following prolonged  
repeated administration of soporifics [with summary in English].  
Vop.med.khim. 4 no.5:362-365 S-0 '58 (MIRA 11:11)

1. Kafedra biokhimii Tartuskogo gosudarstvennogo universiteta.  
(BARBITURATES, effects  
on brain ammonia & glutamine (Rus))  
(BRAIN, metab.  
ammonia & glutamine, eff. of barbiturates (Rus))  
(AMMONIA, metab.  
brain, eff. of barbiturates (Rus))  
(GLUTAMINE, metab.  
(same))

MARTINSON, E.; TYAKHEPYL'D, L. [<sup>Ya.</sup>Tähepõld, L.]; LIND, A.; LIND, Kh.  
[Lind, H]

Transformation of urea in the gastric mucosa. Biokhimiia 26  
no. 1:3-9 Ja-F '61. (MIRA 14:2)

1. Chair of Biochemistry, State University, Tartu.  
(STOMACH) (UREA)



LIND, Kh.P. [Lind, H.]; TYAKHERYLD, L.Ya. [Tahpold, L.]

In memory of Professor Edward E. Martinson, 1902-1963.  
Vop. med. khim. 9 no.6:659-662 H-D 163.

(MIRA 17:10)

ZALESSKAYA, Yu.M.; MARTINSON, E.E.; TYAKHEPIL'D, L.Ya. [Tabepid, L.]

Effect of vitamin C on the synthesis of glutamine and amidiza-  
tion of proteins in the brain. Vop. plit. 22 no.3:60-64  
My-Je '63. (MIRA 17:8)

1. Iz kafedry biokhimii (zav. -- prof. E.E. Martinson) Tartuskogo  
universiteta.

ZALESKAYA, Yu.M.; MARTINSON, E.E.; TYAKHEYL'D, L.in. [Tahyol, I.]

Disorders of glutamine synthesis and amidation of brain proteins  
in vitamin C deficiency. Vop. pit. 23 no.1:17-21 Ja-F '64.

(MIPA 17:8)

1. Iz kafedry biokhimi (zav. - prof. E.E. Martinson)  
Tartuskogo universiteta.

TYAKHEPYL'D, L. Ya.[Tähepõld, L.]

Desamidation of brain proteins and changes in their macro-  
structure due to insulin treatment. Dokl. AN SSSR 147 no.4:  
964-966 D '62. (MIRA 16:1)

1. Tartuskiy gosudarstvennyy universitet. Predstavleno  
akademikom V. N. Chernigovskim.

(INSULIN SHOCK) (AMIDES) (PROTEINS IN THE BODY)

MARTYNSON, E.E., prof., otv. red.; MEREZHENSKIY, M.F., prof., red.;  
MIKALAVSKAYTE, D.A. [Mikalavskaitė, D.A.], prof., red.; SHMIDT, A.A.  
[Smits, A.], akad., red.; KREMER, Yu.N. [Kremers, J.], red.; PLENINA,  
G.N., red.; TYAKHEPYL'D, L.Ya. [Tahepolu, L.], red.

[Transactions of the First Biochemical Conference of Baltic  
Republics and White Russia] Trudy Pervoy biokhimicheskoy kon-  
ferentsii Pribaltiiskikh respublik i Belorussii. Tartu,  
Tartuskii gos. univ. ESSR, 1961. 507 p. (MIRA 15:9)

1. Biokhimicheskaya konferentsiya Pribaltiyskikh respublik i  
Belorussii. 1st, Tartu, 1960. 2. Zaveduyushchiy kafedroy  
biokhimii Tartuskogo gosudarstvennogo universiteta (for Martynson).
  3. Vil'nyusskiy nauchno-issledovatel'skiy institut epidemiologii  
i gigiyeny (for Mikalavskayte). 4. Akademiya nauk Latviyskoy SSR,  
Chlen Prezidiuma Vsesoyuznogo biokhimicheskogo obshchestva (for  
Shmidt). 5. Kafedra biokhimii Rizhskogo meditsinskogo instituta  
(for Kremer). 6. Kafedra biokhimii Tartuskogo gosudarstvennogo  
universiteta (for Tyakhepyl'd).
- (BIOCHEMISTRY--CONGRESSES)

ZALESSKAYA, Yu.; MARTINSON, E.; TYAKHEPYL'D, L. [Tähepõld, L.]

Glutaminase and asparaginase in the gastric mucosa. *Biokhimiia* 26  
no.2:281-283 Mr-Apr '61. (MIRA14:5)

1. Chair of Biochemistry, State University, Tartu.  
(STOMACH) (GLUTAMINASE) (ASPARAGINASE)

POPOV, Yu.N., inzh.; TYAKHT, A.A., inzh.

New method of calculating the torque in bore hammers. Izv.vys.  
ucheb.sav.; gor.zhur. no.9:97-100 '58. (MIRA 12:6)

1. Leningradskiy gornyy institut.  
(Boring machinery) (Torque)

TYAKHT, A.A., inzh.; POPOV, Yu.N., inzh.

New suspended self-lubricating device for bore-hammers.

Izv. vys. ucheb. zav.; gor. zhur. no.8:98-102 '58.

(MIRA 12:5)

Leningradskiy gornyy institut.

(Boring machinery--Lubrication)



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**CIA-RDP86-00513R001757710009-4"**

ZAYTSEV, N.G. (Petrozavodsk); LEBEDEV, V.A. (Petrozavodsk);  
TYAKHTI, A.B. (Petrozavodsk)

Operation of the "Minsk-1" computer in a telegraph channel.  
Izv. AN SSSR. Tekh. kib. no.5:163-168 S-O '65. (MIRA 18:11)

ZAYTSEV, N.G.; TYAKHTI, A.B.

Control devices operated by precisely timed signals. Trudy Kar.  
fil. AN SSSR no.40:53-60 '64. (MIRA 17:12)

TYAKHTI, A.B.

Method for statistical analysis of the characteristics of telegraph  
communication channels by means of digital computers. Elektrosviaz'  
19 no.4:62-70 Ap 195. (MIRA 1826)

APR 1966 ENT (1), FSC-2, DAF (1)

ACC NR: AP6005769 SOURCE CODE: UR/0280/65/000/005/0163/0168

AUTHOR: Zaytsev, N. G. (Petrozavodsk); Lebedev, V. A. (Petrozavodsk); Tyakhti, A. B. (Petrozavodsk) 49

ORG: none

TITLE: The coupling of the "Minsk-1" computer with a telegraph communication channel 16C

SOURCE: AN SSSR. Izvestiya. Tekhnicheskaya kibernetika, no. 5, 1965, 163-168

TOPIC TAGS: coupling circuit, telegraph system, computer technique, data processing center, computer programming

ABSTRACT: In order to provide effective exchange of digital information between the computing center containing the Minsk-1 computer and the computer time consumer, special devices have been developed for coupling the computer with a telegraph communication channel. This article describes simple coupling devices. The devices make it possible to input and output alphabetic as well as digital information, which had not been prescribed in the Minsk-1 heretofore. The use of the alphabetic code is especially necessary for the recording and input of programs in the input automatic programming language, e.g., ALGOL-60. In order to simplify the circuit solutions of the devices, use was made of the principle of program data processing during input and output. Such operations as data recoding from the telegraph code into computer code and the reverse, the formation of words, and some other operations were

Card 1/2

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ACC NR: AP6005769

executed as program operations. The communication between the computing center and the consumer is achieved by means of regular commercial telegraph channels. The coupling devices assure the following operations: (1) receiving and input of information into the computer directly from the communications channel; (2) input of information from the telegraph apparatus (TA) with a disconnected line; (3) receiving of data on the TA and recording it on a perforated tape and subsequent input into the computer through a photoelectric tape reader; (4) output of information from the computer to the telegraph communications channel; and (5) output of information from the computer with a disconnected line. Orig. art. has: 5 figures.

SUB CODE: 09 / SUBM DATE: 06Mar64

Card 2/2 *fv*



L 23794-66 EWT(d)/FSS-2/EWP(1) IJP(c) BB/GG

ACC NR: AP6005769 SOURCE CODE: UR/0280/65/000/005/0163/0168

49  
B

AUTHOR: Zaytsev, N.G. (Petrozavodsk); Lebedev, V.A. (Petrozavodsk); Tyakhti,  
A.B. (Petrozavodsk)

ORG: none

TITLE: The coupling of the "Minsk-1" computer with a telegraph communication channel

SOURCE: AN SSSR. Izvestiya. Tekhnicheskaya kibernetika, no. 5, 1965, 163-168

TOPIC TAGS: coupling circuit, telegraph system, computer technique, data processing center, computer programming

ABSTRACT: In order to provide effective exchange of digital information between the computing center containing the Minsk-1 computer and the computer time consumer, special devices have been developed for coupling the computer with a telegraph communication channel. This article describes simple coupling devices. The devices make it possible to input and output alphabetic as well as digital information, which had not been prescribed in the Minsk-1 heretofore. The use of the alphabetic code is especially necessary for the recording and input of programs in the input automatic programming language.

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ACC NR: AP6005769

e.g., ALGOL-60. In order to simplify the circuit solutions of the devices, use was made of the principle of program data processing during input and output. Such operations as data recoding from the telegraph code into computer code and the reverse, the formation of words, and some other operations were executed as program operations. The communications between the computing center and the consumer is achieved by means of regular commercial telegraph channels. The coupling devices assure the following operations: (1) receiving and input of information into the computer directly from the communications channel; (2) input of information from the telegraph apparatus (TA) with a disconnected line; (3) receiving of data on the TA and recording it on a perforated tape and subsequent input into the computer through a photo-electric tape reader; (4) output of information from the computer with a disconnected line. Orig. art. has: 5 figures.

SUB CODE: 09/ SUBM DATE: 06Mar64

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2/2

TYAKHTI, B. A.

Tyakhti, B. A.

"Understanding of scientific-popular texts by students in the elementary non-Russian school in the Karelo-Finnish SSR." Min Education RSFSR. Leningrad State Pedagogical Inst imeni A. I. Gertsen. Chair of Psychology. Leningrad, 1956. (Dissertation for the Degree of Candidate in Pedagogical Sciences)

Knizhnaya letopis'  
No. 21, 1956. Moscow

TYALIN, A., podpolkovnik

When flights are carried out at night. Tyl i snab. Sov. Voer.  
Sil no. 4:73-77 Ap '61. (MIRA 14:7)  
(Air bases)

SIBUL', S.F. [Sibal, S], kand.med.nauk; MIRZE, U.Yu. [Mirze, U]; TYALL, V.O. [Tall, V]

Use of the fluorescence method for the diagnosis and evaluation of the results of treatment in diseases of the nose and the pharynx. Vest. otorin. 24 no. 6:69-73 N-D'62. (MIRA 16:7)

1. Iz kafedry otorinolaringologii (zav.- dotsent E.K.Siyrd) Tartuskogo universiteta.

(NASOPHARYNX--DISEASES) (FLUORESCENCE)

TYAMIN, V.V.

Photoperiods in some pulse crops. Agrobiologiya no.4:562-565 J1-Ag  
'62. (MIRA 15:9)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut kormov, Moskov-  
skaya oblast'. (LEGUMES) (PLANTS, EFFECT OF LIGHT ON)







SHAIN, S.S., prof., doktor sel'skokhozyaystvennykh nauk; TYAMIN, V.V.,  
nauchnyy sotrudnik

High nutritive value of field peas and other forage crops  
sown in summer. Zhivotnovodstvo 23 no.7:53-55 J1 '61. (MIRA 16:2)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut kormov  
imeni V.R. Vil'yamsa (for Tyamin).  
(Forage plants)

SHAIN, S.S., prof.; BOGDANOV, P.I.; KASHMANOV, A.A.; KOSAREVA, Ye.G.,  
KOSOBOKOV, G.I.; KUZNETSOVA, G.K.; MOTOVA, A.V.; TRUSOVA,  
N.R.; TYAMIN, V.V.; KOREYSHO, Ye.G., red.; BALLOD, A.I.,  
tekhn. red.; PROKOF'YEVA, L.N., tekhn. red.

[Light and the development of plants]Svet i razvitie rastenii.  
[By] S.S.Shain i dr. Moskva, Sel'khozizdat, 1963. 622 p.  
(MIRA 16:9)

(Plants, Effect of light on)

TYAMSHANSKIY, N.D.; VALETOV, V.V., inzhener, retsenzent; MANIN, N.I.,  
inzhener, redaktor; POL'SKAYA, R.G., tekhnicheskii redaktor

[Material procurement for shops and sections of a machine building  
plant] Material'noe snabzhenie osnovnykh tsekhov i uchastkov mashino-  
stroitel'nogo zavoda. Moskva, Gos. nauchno-tekhn. izd-vo mashino-  
stroit. lit-ry, 1956. 143 p. (MLRA 10:2)  
(Machinery industry)

TYAMSHANSKIY, N.D., kand.ekon.nauk

Determining intraoperational surpluses in line production. Vest.-  
mashinostr. 43 no.5:74-77 My '63. (MIRA 16:5)  
(Industrial management)

TYANSHANSKIY, N. D.

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MATERIAL'NOYE SNABZHENIYE OSNOVNYKH TSEKHOV I UCHASTKOV MASHINOSTROITEL'  
NOGO ZAVODA (PLANNING INTERNAL SUPPLY IN A MACHINE BUILDING PLANT) MOSKVA,  
MASHGIZ, 1956. 143 p. DIAGRS., TABLES. "LITERATURA": p. 142

KLIMOV, Aleksey Nikolayevich, kand. tekhn. nauk, dots.; OLENEV, Ivan Dmitriyevich, dots.; SOKOLITSYN, Sergey Alekseyevich, dots., kand. tekhn. nauk; TYAMSHANSKIY, N.D., kand. ekonom. nauk, dots.; SHAKHIDZEANYAN, V.M., kand. tekhn. nauk; SABITOV, F.Sh., kand. ekonom. nauk, retsenzent; NEYMARK, A.I., dokt. tekhn. nauk, prof., red.; GRUNKIN, M.N., kand. ekonom. nauk, dots., red.; RUBCHINSKIY, A.M., kand. ekonom. nauk, dots., red.; VARKOVETSKAYA, A.I., red. izd-va; KONTOROVICH, A.I., tekhn. red.

[Organizing and planning the operations of a machinery plant] Organizatsiya i planirovanie mashinostroitel'nogo zavoda. Moskva, Nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1961. 512 p. (MIRA 14:8)

1. Nachal'nik planovo-ekonomicheskogo otdela Leningradskogo metallicheskogo zavoda imeni Stalina (for Sabitov)  
(Machinery industry--Management)

TYAMSHANSKIY, N.D.

Considering unit sets in planning the piece and small-lot production.  
Trudy LPI no.186:85-91 '56. (MIRA 10:7)  
(Machinery industry)

TYAMSHANSKIY, N.D.

Determining uniformity of output and of working conditions in  
mechanical engineering enterprises. Trudy LIEI no.6:32-43 '53.  
(MLRA 9:8)

(Machinery industry)



FIALKOV, A.S.; DAVIDOVICH, Ya.G.; PSHENICHKIN, F.A.; GALEYEV, G.S.;  
TYAN, L.S.

Effect of calcination temperature on the electron paramagnetic  
resonance of petroleum cokes. Zhur. fiz. khim. 39 no.4:958-961  
Ap 165. (MIRA 19:1)

1. Elektrouglinskiy filial nauchno-issledovatel'skogo instituta  
elektromekhaniki. Submitted Feb. 27, 1964.

TYAN, M.M.

Application of the Tauberian theorem of Carleman-Subkhankulov.  
Izv. AN Uz.SSR. Ser. fiz.-mat. nauk 7 no.3:18-20 '63  
(MIRA 16:8)  
1. Matematicheskiy institut imeni V.A. Steklova.

TYAN, M.M.

Residual terms in the problem of the distribution of values of  
two arithmetic functions. Dokl. AN SSSR 150 no.5:998-1000  
Je '63. (MIRA 16:8)

1. Matematicheskiy institut im. V.A.Steklova AN SSSR.  
Predstavleno akademikom I.M.Vinogradovym.  
(Numbers, Theory of)

~~QYAH~~ N.I., student VI kursa.

Case of allergic reaction to penicillin. Trudy AN Tadzh. SSR 40:179'55.  
(MLRA 9:10)

1. Iz kafedry glaznykh bolezney (i.o.zav. - V.B. Gejr) Stalinabadskogo  
gosudarstvennogo meditsinskogo instituta imeni Abulal ibn-Sine (dir.  
chl. -korr. Akademii nauk Tadzhikskoy SSR Ya.A. Rakhimov).  
(PENICILLIN) (ALLERGY)

ABRAMOV, F.A., prof., doktor tekhn. nauk; BOYKO, V.A., kand. tekhn. nauk;  
SHVETS, G.A., inzh.; TYAN, R.B., inzh.

Calculating complicated ventilation systems with the use of an  
electronic computer. Gor. zhur. no.11:61-63 N '64. (MIRA 18:2)

1. Dnepropetrovskiy gornyy institut i FIM AN UkrSSR.

ABRAMOV, F.A., prof.; BOYKO, V.A., dotsent; TYAN, R.B., inzh.; SHVETS, G.A.,  
inzh.

Study of air flow interconnections in a mine ventilation system with  
the aid of a rapid electronic machine. Izv. vys. ucheb. zav.; gor. zhur.  
8 no.2:144-150 '65. (MIRA 18:5)

1. Dnepropetrovskiy ordena Trudovogo Krasnogo Znameni gornyy  
institut imeni Artema (for Abramov, Boyko, Tyan). 2. Filial  
Instituta mekhaniki AN UkrSSR (for Shvets).

TYAN, T.Ye.

Modified Maggiore perimeter for examination of the visual  
field in patients with cataract; preliminary report.  
Zdravookhr. Kazakh. 23 no.1:72-75 '63 (MIRA 17:2)

1. Iz kafedry glaznykh bolezney (zav. - prof. V.P.Roshchin)  
Kazakhskogo meditsinskogo instituta.

VALENTINI, L.A., kand.tekhn.nauk; TYAN, V.K., inzh.

Investigating the regimen of bed load flow in small  
mountain rivers. Trudy SANIIRI no.95:3-15 '58.  
(MIRA 13:6)

(Sukuluk River--Hydraulics)



TYAN, V.K.

Determination of the amount of alluvia in the canals of the  
Amu Darya irrigating systems. Izv. AN UzSSR. Ser. tekhn. nauk  
8 no.6:48-52 '64. (MIRA 18:3)

1. Sredneaziatskiy nauchno-issledovatel'skiy institut vodnykh  
problem i gidrotekhniki.

44015  
S/860/61/000/000/010/020  
A006/A101

1 2300

AUTHORS: <sup>2408</sup> Poplavko-Mikhaylov, M. V., Manuylov, N. N., Gruzdeva, L. A.,  
Tyanin, A. V.

TITLE: A method of gas-shielded flash-welding of aluminum-beryllium alloy

SOURCE: Sbornik izobreteniy; svarochnaya tekhnika. Kom. po delam izobr.  
i otkrytiy, Moscow, Tsentr.byuro tekhn. inform. 1961, 131 - 132  
(Authors' Certificate no. 121519, cl. 21h, 30<sub>12</sub>, no. 611742 of No-  
vember 14, 1958)

TEXT: The proposed method yields high-quality tight welds due to the flux  
which is composed of chloride and fluoride salts and their mixtures. Base metal,  
aluminum, or aluminum-alloy rods or wires are used as filler metal. The method  
can be used in manual automatic and semi-automatic welding with consumable or  
non-consumable electrode in argon or helium atmosphere. Prior to welding the  
edges of the metal to be welded are flux-covered on the reverse side.

Card 1/1

KUDREV, T.; TYANKOVA, L. [Tiankova, L.]

Effect of indole-3-acetic acid and 2,4-dichlorophenoxyacetic acid on the productivity of the plants exposed to drought spells. Doklady BAN 15 no.3:317-319 '62.

1. Submitted by Corresponding Member I. Milkovski.

L 02148-67 RO

ACC NR: AP6035986

SOURCE CODE: BU/0011/65/018/003/0261/0262

25  
B

KUDREV, T., TYANKOVA, L., Plant-Growing Institute, Sofia

Effects of Soil Fertilization<sup>6</sup> During the Treatment of Wilted Wheat Plants with Certain Growth Substances"

Sofia, Doklady Bolgarskoy Akademii Nauk, Vol 18, No 3, 1965, pp 261-262

Abstract: [English article] On the basis of direct determination of the amount of assimilated nitrogen (Compt. rend. Acad. bulg. Sci., 15, 1962, No 2, 219-221) and analyses of the plants for nitrogen and phosphorus content, the authors established that the need for nutrients increases during the treatment with growth substances of wilted plants for the purpose of their restoration. Since restoration also depends on the availability of the needed nutrients, the authors carried out fertilization effect experiments using the Bulgarska No. 301 wheat variety. This brief note describes the experiments and reports on favorable response of wilted wheat to combined soil fertilization and IAA or 2,4-D growth substance treatment. This paper was presented by Corresponding Member Y. Milkovsky on 25 November 1964. Orig. art. has: 1 table. [JPRS]

TOPIC TAGS: fertilizer, wheat, nutrition, plant chemistry, plant growth/No. 301 wheat

SUB CODE: 06, 02 / SUBM DATE: 25Nov64 / ORIG REF: 001

Card 1/1

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KUDREV, T.; TYANKOVA, L. [Tiankova, L.]

On the nitrogen absorption by wheat plants recovering  
from drought damages. Doklady BAN 15 no.2:219-221 '62.

1. Submitted by Corresponding Member Y. Milkovski.

PETROV, A.; TYANKOVA, L.

Germination inhibitors in apple seeds (*Malus domestica* Borkh.)  
Doklady BAN 15 no.2:223-226 '62.

1. Predstavleno chl.-korr. Y. Milkovskim [Milkovski, I.].

KUDREV, T.; TYANKOVA, L. [Tiankova, L.]

Effect of certain plant substances on the restoration of nitrogen  
exchange in drought-damaged plants. Doklady BAN 14 no.5:523-526 '61.

(Nitrogen) (Plants)

KYDREV, T.G.; TYANKOVA, L.A.

Possibility of restoring some distured processes in wheat plants  
injured by drought. Fiziol.rast. 9 no.4:425-431 '62.

(MIRA 15:9)

1. Plant Growing Institute, Bulgaria Academy of Sciences, Sofia.  
(PLANTS, EFFECT OF ARIDITY ON) (GROWTH—PROMOTING SUBSTANCES)



Plant Physiology

BULGARIA

TYANKOVA, L. A., Research Institute of Plant-Growing, Sofia

"The Influence of Proline on the Resistance of Wheat Plants to Drought"

Sofia, Doklady Bolgarskoy Akademii Nauk, Vol 19, No 9, 1966, pp 847-850

Abstract: [English article] The injuries sustained by wheat plants as a result of insufficient moisture and of excessive rises or drops in temperature are related to the decomposition of proteins and to the formation of large quantities of free amino acids. Recent investigations have showed that similar adverse conditions are also accompanied by a production of large quantities of proline. This single-type reaction of the plants to the injurious effect of various factors has not been explained yet. If we assume that the accumulation of proline in the plants subjected to drought is an active manifestation of protection on the part of these plants against the deficiency of water, then the artificial increase of free proline in their tissues should have a positive effect on their resistance to the insufficiency of water. Drought tests carried out in this direction using the Bezostaya 1 wheat variety indicate that proline is an active antidrought reaction of the plant, though it may be a product of protein decomposition. There are 6 Soviet and 4 Western references. (Manuscript received, 11 May 66.)

1/1

Tyanutova, G.V.

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TYANUTOVA, G.V.

Measurements of global intensity variations of cosmic-ray hard components; preliminary results of the comparison of two sets of data taken with the ASK-1 and S-2 instruments. Trudy IFAN SSSR Ser. fiz. no.2:81-84 '58. (MIRA 11:7)  
(Cosmic rays) (Ionization chambers)

*by A. M. ...*  
Category : USSR/Nuclear Physics - Cosmic rays

C-7

Abs Jour : Ref Zhur - Fizika, No 1, 1957, No 622

Author : Kuz'min, A.I., Skrypin, G.V., Tyanutova, G.V., Shafer, Yu.G.

Inst : Yakutsk Branch Acad. of Sciences USSR.

Title : Unique Flare of Intensity of Cosmic Rays.

Orig Pub : Dokl. AN SSSR, 1956, 108, No 1, 66-68

Abstract : Report on the results of measurements of intensities of cosmic rays during the time of the great flare of solar activity on 23 February 1956. The measurements were made in Yakutsk (elevation 101 meters, 51° northern latitude, 129° eastern longitude) with the aid of ionization chambers shielded with 12 cm of lead and aimed with a telescopic system made of Geiger-Mueller counters. The maximum by which the intensity exceeded the usual value occurred at 3.40 -- 4 hours Greenwich mean time and amounts to 165 -- 200%, depending on the type of recording apparatus. Apparatus recording extensive showers with a density of 25 and 50 particles per square meter did not detect any increase in intensity.

Card : 1/1

STRUTINSKIY, V.M.; TYAPIN, A.S.

Quasi-static liquid-drop model of the nucleus as an approximation  
to the statistical model. Zhur. eksp. i teor. fiz. 45 no.4:960-  
965 0 '63. (MIRA 16:11)

TYAPINA, R.S.

Ventriculography with the use of meiodil in tumors of the  
posterior cranial fossa. Vop. neirokhir. no.1:40-43 '65.  
(MIRA 18:10)

1. Nauchno-issledovatel'skiy ordena Trudovogo Krasnogo  
Znameni institut neyrokhirurgii imeni N.N. Burdenko  
(direktor - prof. A.I. Arutyunov) AMN SSSR, Moskva.

L 44356-66 EWT(m)/EWP(k)/EWP(t)/ETI LJP(c) JH/JD/HW  
ACC NR: AP6013482 SOURCE CODE: UR/0182/65/000/012/0020/0023

AUTHOR: Lisitsyn, V. D.; Andreyeva, V. N.; Tyanutov, A. G.

54/B

ORG: none

TITLE: Experimental study of the drawing of box shapes

SOURCE: Kuznechno-shtampovochnoye proizvodstvo, no. 12, 1965, 20-23

TOPIC TAGS: rimmed steel, brass, oscillograph, metal drawing, pressure measurement, metal press / 10kp rimmed steel, L62 brass, AD aluminum, MPO-2 oscillograph

ABSTRACT: The article presents the results of an experimental investigation of the drawing of box shapes of various materials: 10kp rimmed steel, L62 brass and AD aluminum, performed with the object of determining the drawing pressure and blankholder pressure as a function of punch stroke and time. The experiments were carried out in an industrial 65-ton drawing press on recording the stresses and pressures with the aid of wire strain gauges and an MPO-2 oscillograph. Analysis of the obtained oscillograms made it possible to determine the maximum drawing pressures for various drawing coefficients  $m_c$  as well as the blankholder and edge-trimming pressures. As exemplified by the drawing of brass boxes (Fig. 1), during

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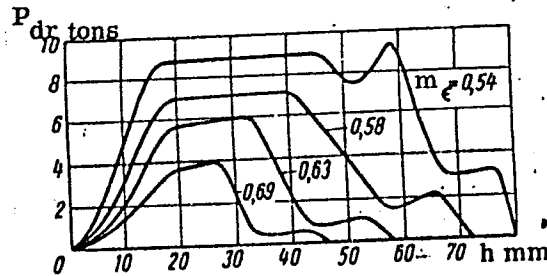


Fig. 1. Experimental curves of drawing pressure  $P_{dr}$  during the drawing of brass boxes

the initial part of the forming process the curves of drawing pressure rise steeply; this corresponds to the period of travel of the punch from its initial position to a position at which the centers of curvature of the punch and die coincide in the horizontal. The variation in kinematic and dynamic parameters in the course of the drawing of box shapes was analyzed by plotting combined curves of drawing pressure, blankholder pressure, punch travel and punch stroke (Fig. 2). Initially, as the draw punch encounters the blank, the continuity of motion of the press slider gets disturbed and its velocity sharply decreases. At the moment of impact of the punch

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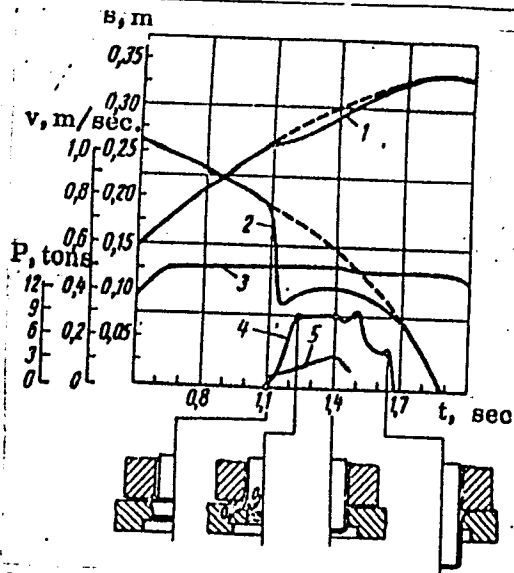


Fig. 2. Combined curves of variation in kinematic and dynamic parameters during the drawing of box shapes:

1 - punch travel; 2 - punch velocity; 3 - blankholder travel; 4 - drawing pressure; 5 - blankholder pressure

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against the blank the press slider bounces upward or halts abruptly. Following the selection of a clearance suited to the design and service life of the press, the slider resumes its descent; then the sine-wave pattern of variation in the path, velocity and acceleration of the slider during drawing is also disturbed. Orig. art. has: 7 figures, 2 tables, 3 formulas.

SUB CODE: 13, 11/ SUBM DATE: none/ ORIG REF: 008/

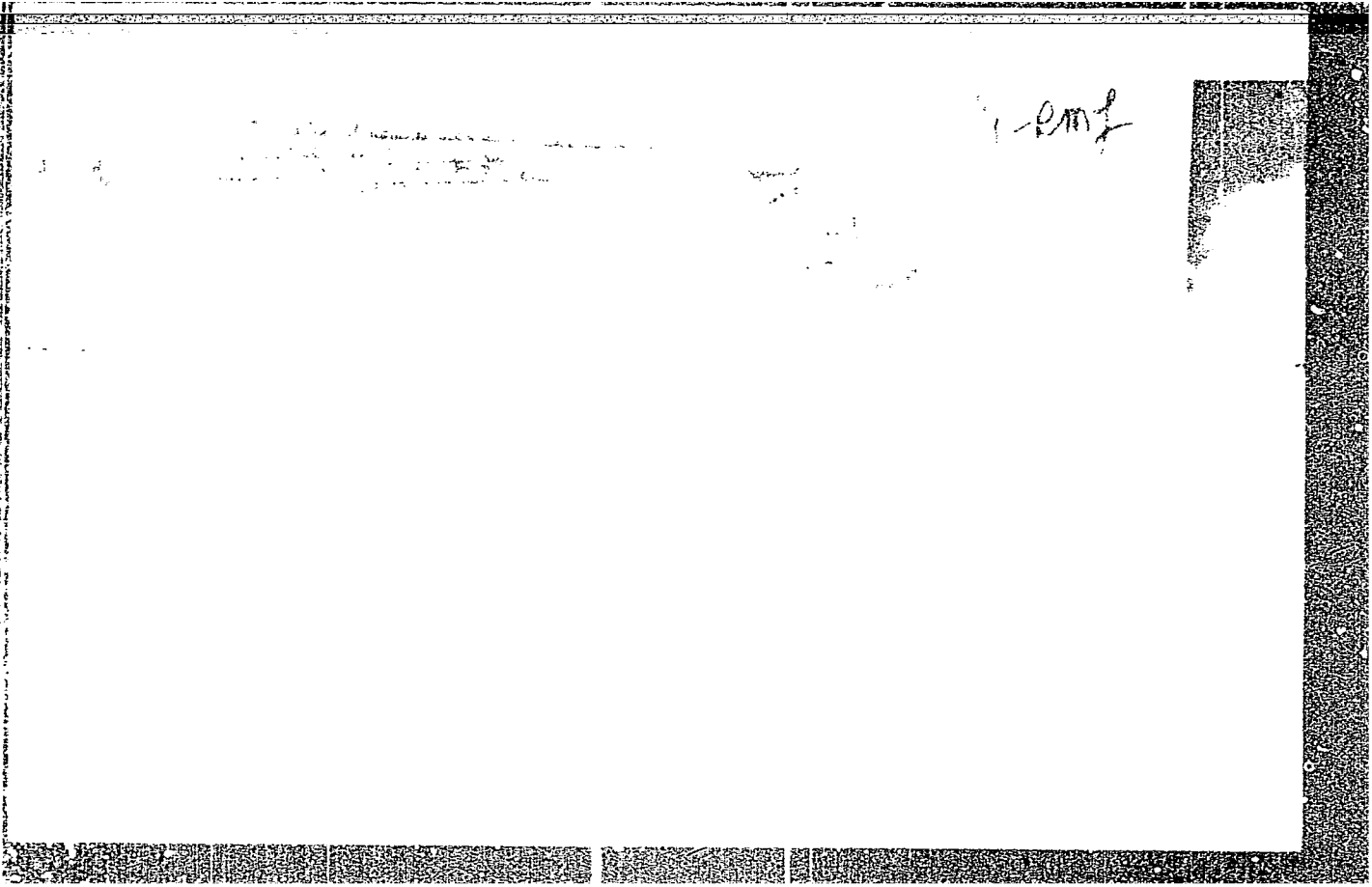
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KOZODAYEV, M.S.; TYAPKIN, A.A.; BAYUKOV, Yu.D.; MARKOV, A.A.; PROKOSHKIN, Yu.D.

Production of neutral mesons by high-energy nucleons. Izv.AN SSSR. Ser.  
fiz.19 no.5:589-603 S-O '55. (MIRA 9:4)

1. Institut yadernykh problem Akademii nauk SSSR.  
(Cosmic rays) (Nuclear physics)

KOZODAYEV, M.S.; MARKOV, A.A.; TYAPKIN, A.A.

Measuring  $J^+$ -meson lifetime. Izv.AN SSSR.Ser.fiz.19 no.6:  
715-719 N-D '55. (MLRA 9:4)

1.Institut yadernykh problem Akademii nauk SSSR.  
(Cosmic rays) (Nuclear physics)

*Artsimovich, L. A.*

USSR/ Physics - Pie-mesons

Card 1/1      Pub. 22 - 21, 60

Authors      :    Tyapkin, A. A.; Kozodaev, M. S.; and Prokoshkin, Yu. D.

Title        :    Formation of  $\pi^0$ -mesons with protons of 670 Mev of energy at the nuclei of various elements

Periodical   :    Dok. AN SSSR 100/4, 689-692, Feb 1, 1955

Abstract    :    Experiments with the formation of  $\pi^0$ -mesons through a proton collision with another proton are described. The protons in the experiments had an energy of 670 Mev. Formations of  $\pi^0$ -mesons were observed on nuclei of various elements, namely: D, Li, Fe, B, C, Al, C, Cd, Sn and Pb. The experiments were conducted with the accelerator of the Institute of Nuclear Problems of the Acad. of Scs., USSR. Five references: 3 USA and 2 USSR (1952-1954). Graphs.

Institution :    Acad. of Scs., USSR, Institute of Nuclear Problems

Presented by:    Academician L. A. Artsimovich, December 22, 1954

KOZODAYEV, M.S.; TYAPKIN, A.A.

Tight elastic current-conductor for determining charged  
particle trajectories in magnetic fields. Prib. 1 tekhn.  
eksp. no.1:21-24 J1-Ag '56.

(MLRA 10:2)

1. Institut yadernykh problem Akademii nauk SSSR.  
(Particles, Elementary) (Nuclear physics)



Tyapkin, A.A.

INSTRUMENTATION: HODOSCOPES

"Hodoscopic System with Pulsed Supply of Counters", by A.A. Tyapkin, Institute of Nuclear Problems, Academy of Sciences USSR, Pribery i Tekhnika Eksperimenta, No 3, November-December 1956, pp 51-53.

Description of a hodoscopic system with self-quenching counters, in which the counting loss due to dead time is eliminated by using a pulsed supply to the counters. The author concludes that it is possible to record effectively the investigated particles passing through the counters prior to their being subjected to a high-voltage pulse, with a resolution time on the order of several microseconds.

Card 1/1

CARD 2 / 3

PA - 1413

Zurn. eksp. i teor. fis, 30, fasc. 6, 1150-1151 (1956) under the angle  $\theta_H^* = \arccos(1/\sqrt{3})$  is logarithmically symmetrical with respect to the energy  $\epsilon_\gamma = 1/2$ . It is therefore possible, from the spectrum of the  $\gamma$ -quanta to be observed under a given angle, and if the mesons have an angular distribution of the kind  $a + b \cos^2 \theta$ , immediately to determine the energy distribution and the mass of mesons in accordance with the method developed by A.G. CARLSON et al., Phil. Mag. 41, 701 (1950). These angles are here described as being "isotropic". A further peculiarity of the "isotropic" angle is the fact that the total flux of  $\gamma$ -quanta corresponding to a given angle is independent of the ratio of the constants  $a$  and  $b$  and of the angular distribution of the  $\pi^0$ -mesons. By integration over the last formula we obtain:

$$W_\gamma(\theta_H) = \frac{1}{2} (3 \cos^2 \theta_H - 1) \int_0^\infty d\epsilon_\gamma \int_{\epsilon_{\min}}^\infty \frac{\cos^2 \epsilon_\pi F(\epsilon_\pi) d\epsilon_\pi}{\sqrt{\epsilon_\pi^2 - 1}} + \frac{1}{2} \sin^2 \theta_H$$

for the angular distribution of the  $\gamma$ -quanta produced on the occasion of the decay of  $\pi^0$ -mesons with the angular distribution  $\cos^2 \theta$ .

Corresponding to this formula the flux of  $\gamma$ -quanta corresponding to the angle  $\theta_H^* = \arccos(1/\sqrt{3})$  remains unchanged on the occasion of transition from an angular distribution of the kind  $\cos^2 \theta$  of the mesons to isotropic distribution

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