MALYSHEV, V.V., kandidat tekhnicheskikh nauk; VINOGRADOV, V.A., inzhener.

New type of instrument for making frame devels. Der. prem. 6 no.5:16 My 157. (MIRA 10:6)

1. Leningradskaya ordena Lemna lesotekhnicheskaya akademiya im. S.M. Kireva.

(Woodworking machinery)

MALYSHEV, V.V., kand.tekhn.nauk

Circular saws with hard-alloy plates. Der.prom. 6 no.8:9-11
Ag '57. (MIRA 10:11)

1. Leningradskaya lesotekhnicheskaya akademiya im. S.M.Kirova.

(Saws)

MALYSHEV, V.V., kand.tekhn.nauk

Graduated streightedge for checking the tensioning of geng and band saws. Der.prom.6 no.12:18 D '57. (MIRA 10:12)

1. Leningradskaya ordena Lenina lesotekhnichesknya akademiya im. S.M.Kirova. (Saws)

MIKHAYLOV, V.B., doktor tekhn. nauk; KULIKOV, V.A., kand. tekhn. nauk;
ALTURNOV, V.F., inzh.; NALTSHEV, V.V., inzh.; FUFTRS7A, K.G., inzh.

Organizing conveying for assembly work of metal railroad-car windows. Hauch. trudy Isn. lesotekh. akad. no;76:77-82 '57.

(Bailroads—Cars—Construction) (MIRA 11:4)

(Conveying machinery)

MALYSHEV. V.V., kand.tekhn.nauk

Cutting tools equipped with hard-alloy bits. Der. prom. 7 no.8:7-9 Ag '58. (MIRA 11:9)

1. Leningradskaya lesotekhnicheskaya akademiya im. S.M.Kirova. (Woodworking machinery)

SIMSON, Iven Insifovich; MALTENEY, Y.Y., dotsent, kand.tekhn.nauk, retsensent; MCRCZOV, N.A., dotsent, kand.tekhn.nauk, red.; CHFAS, M.A., red.izd-va; SHCHETINIMA, L.V., tekhn.red.

[Sefety engineering in woodworking] Tekhnika bezopasnosti pri mekhanicheskoi obrabotka drevesiny. Izd.2., perer. i dop. Moskva, Gos.nauchno-tekhn.izd-vo mashinostroit.lit-ry, 1960.

(MIRA 14:1)

(Woodworking machinory—Sefety appliances)

BAVEL'SKIY, Mikhail Davydovich; MALYSHEV, V.V., red.; MEL'NIKOVA M.S., red. izd-va; LOBANKOVA, R.Ye., tekhn. red

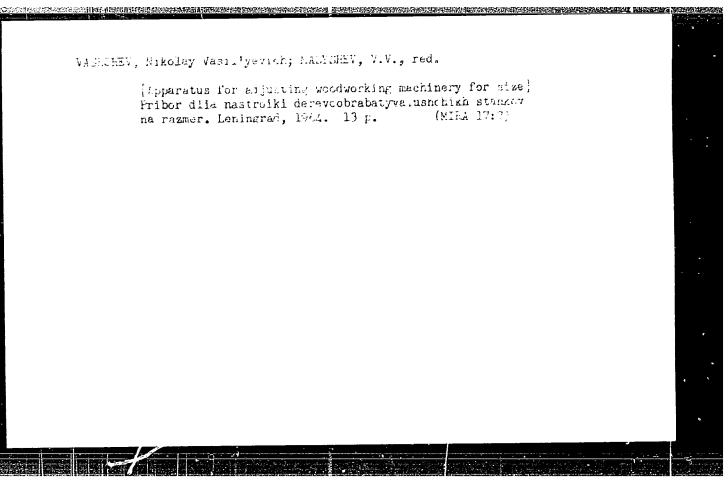
[Automatic and semiautomatic machinery for woodworking] Avtomaty i poluavtomaty mekhanicheskoi obrabotki drevesiny. Moskva, Goslesbumizdat, 1961. 422 p. (MIRA 15:2)

(Woodworking machinery) (Automatic control)

THE RESERVE OF THE PROPERTY OF

KNYAZEV, Sergey Aleksandrovich, kand. tekhn.nauk; MALYSHEV, Y.V., dots., kand. tekhn.nauk, retsenzent; KORSHUNOV, A.N., kand. tekhn.nauk, retsenzent; LAUTNER, E.M., dots., kand. tekhn.nauk, otv. red.; BEZGODOVA, L.V., red.; URITSKAYA, A.D., tekhn. red.

[Machines and instruments for mechanical processing of wood; general problems in the theory of cutting] Stanki i instrumenty po mekhanicheskoi obrabotke drevesiny; obshchie voprosy teorii rezaniia. Lektsiia dlia studentov fakuliteta mekhanicheskoi tekhnologii drevesiny. Leningrad, Vses. zaochnyi lesotekhn. in-t, 1963. 37 p. (MIRA 16:V) (Woodworking machinery)



MALYSHEV, V. Ya.

Malyshev, V. Ya. -- "Investigation of the Effect of the Parameters of the Pre-Cumbustion Chambers of the KDM-46 Engine When Operating According to the Gas-Fluid Process." Min Higher Education USSR. Chelyabinsk Inst of the Mechanization and Electrification of Agriculture. Chair of "Tractors and Automobiles." Chelyabinsk, 1956. (Disseration For the Degree of Wandidate in Technical Sciences).

So: Knizhnaya Letopis', No. 11, 1956, pp 103-114

RASHKOV, S.Ye.; ISAYEV, A.M.; OSTROVSKIY, A.P.; SHNAPIR, Ya.I.; MALYSHEV, V.Ya.; BORISOV. B.V.

Method of fire drilling. Gor. zhur. no.7:76 Jl '62. (MIRA 15:7) (Boring machinery)

MALISHEV, V.Ya., kand. tekhn. nauk

Determining the external forces acting on the moldboard of a bulldozer. Stroi. i dor. mash. 7 no.4:12-14 Ap 162.

(Bulldozers)

(Bulldozers)

ACC NRI AR6036307

SOURCE CODE: UR/0273/66/000/009/0024/0025

AUTHOR: Malyshev, V. Ya.

TITLE: Automatic equipment for measuring parameters while testing internal

combustion engines of tractors and automobiles

SOURCE: Ref. zh. Dvigateli vnutrennogo sgoraniya, Abs. 9.39.154

REF SOURCE: Tr. Chelyab. in-ta mekhaniz. i elektrifik. s. kh., vyp. 24, 1965,

113-118

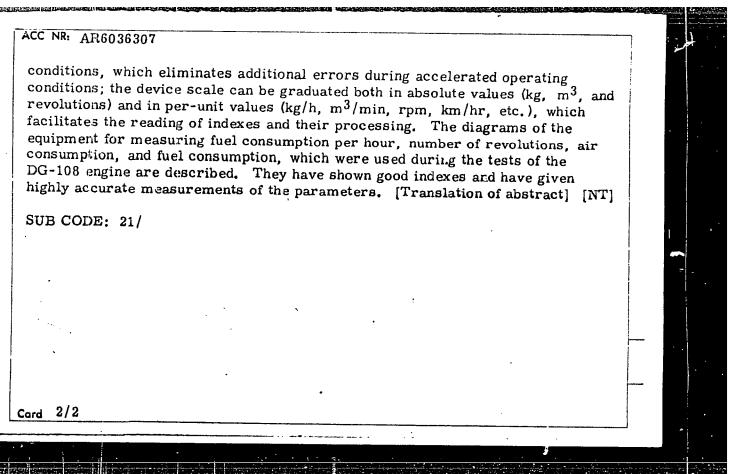
TOPIC TAGS: automatic measurement, measuring instrument, internal combustion engine, tractor, time constant, fuel consumption, parameter, engine performance

characteristic, performance test

ABSTRACT: Methods are proposed for measuring revolutions, fuel consumption, air, etc., based on setting the time constant for measuring all the parameters specified for tell 3. Following are the advantages of the methods: the measuring procedure is simplified, especially when dealing with a great number of parameters; the time of measuring remains constant under all operating

Card 1/2

UDC: 621. 432:531. 76. 08

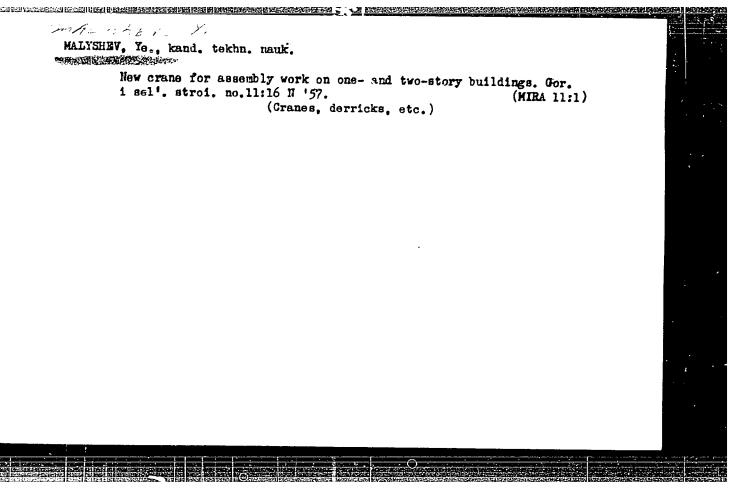


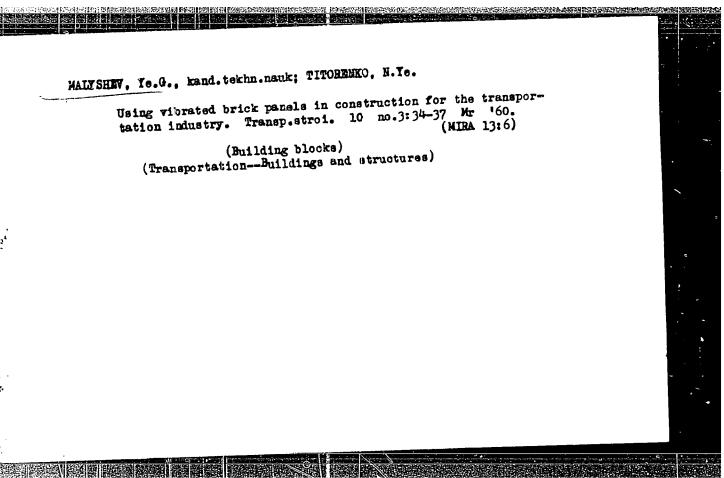
BOGATYREV, I., kand.tekhn.nauk; MALYSHEV, Ye., kend.tekhn.nauk

Nethods of aligning and forming horizontal construction joints
in large blocks. Gor.i sel.stroi. no.8/9:13-15 Ag-S '57.

(Concrete blocks)

(Concrete blocks)





KIROV, S.A., kand.tekhn.nauk; LISTOV, A.M., kand.tekhn.nauk; KOPYSHTA, I.L., inzh.; DROZDOV, V.A., kand.tekhn.nauk; TITORENKO, N.Ye., kand.tekhn.nauk; BUTOR, A.I., inz.; Prinimali uchastiye:

ALEKSEYEV, A.P., kand.tekhn.nauk; MALYSHEV, Ye.G., kand.tekhn.nauk; GAGARIN, Yu.A., inzh.; TITOV, S.A., inzh.; TUMARINSON, N.S. inzh.; KRUTIKOV, V.I., inzh., red.; MEDVEDEVA, M.A., tekhn.red.

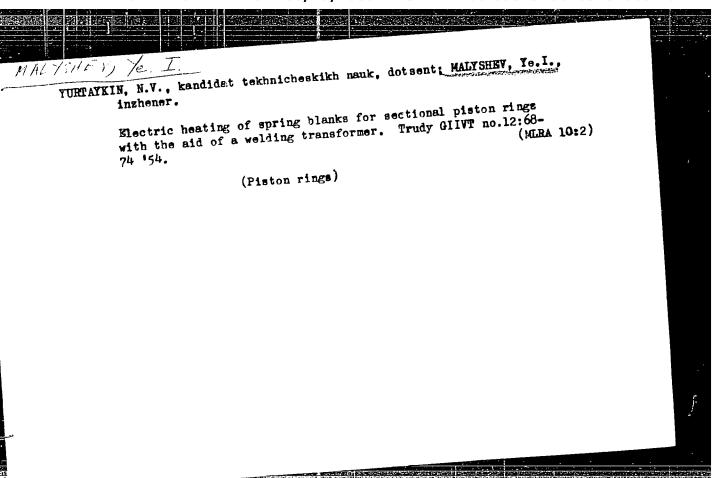
[Completely precast buildings with few stories] Polnosbornye maloetazhnye zdaniia. Moskva, Vses. izdatel'sko-poligr. ob"edinenie M-va putei soobshcheniia, 1962. 87 p. (Vsesoiuznyi nauchno-issledov. institut transportnogo stroitel'stva. Trudy no.44). (MIRA 15:8)

(Railroads—Buildings and structures)
(Precast concrete construction)

EOCHKAREV, V.P., kand. geol.-miner. nauk; NIKITINA, L.G., kand. geol.-miner. nauk; SHAPIRO, S.M., kand. geol.-miner. nauk; EYDINOVA, N.M., st. inzh.; GOLOBOROD'KO, G.L., inzh.; PERLIK, G.P., inzh.; BANDALETOV, S.M., kand. geol.-miner. nauk; VLADIMÍROV, N.M., kand. geol-miner. nauk; SADYKOV, A.M., kand. geol.-miner. nauk; MALYSHEY, Ye.G., ml. nauchn. sotr.; BERKALIYEV, N.A., st. inzh.; EYDINOV, Yu.I., st. inzh.; MUKHAMEDZHANOV, S.M., kand. geol.-miner. nauk; ISABAYEV, T.T., st. inzh.; MOTOV, Yu.A., inzh.; KOLOTILIN, N.F., kand. geol.miner. nauk; LAPIDUS, Zh.D., inzh.; SHOYMANOVA, M.M., inzh.; YAREMCLITY C.C., inzh.; BARPOT de MARNI A.V., kande miner. nauk [deceased] MIKHAYLOY, B.P., st. inzh.; SATPAYEV, K.I., akadenik glav red. [deceased]; MEDOYEV G.TS., otv. red.; DMITHOVSKIY, V.I., red.; SEMENOV, I.S., red.; BRAILOVSKAYA, M.Ya., red.; KORC LEVA, N.N., red.

> [Irtysh-Karaganda Canal; engineering geological conditions] Kanal Irtysh - Karaganda; inzhenerno-geologicheskie usloviia. Alma-Ata, Nauka, 1965. 169 p.

(Continued on next card)



USSR/Cultivated Plants - Fruits, Berries. Ye . 1. MALYSHEV

:1-3

Abs Jour

: Ref Zhur - Biol., Eo 9, 1953, 39501

Author

Halyshev, Ye.I., Zoti, Yu.K.

Inst

Title

: A New and Interesting Veriety of Cherry Tree.

Orig Pub

: Sadovodstvo, vinograd stvo i vinodeliye Moldavii, 1956,

но 5, 11-12

Abstract

: A new charry tree variety, Krasa Moldavii, was raim by Yu.K. Loti. During his stay in the Rumanian Carpathians, he noticed that the local people had many tree roots grown from Kernels which had been scattered on the ground in a casula canner. He selected a powerful cherry tree (internal) which had very big fruits with fibrous savorless flesh and big kernels. Then he chose a second tree (paternal) Which was not fully developed and which had small but sweet,

Juicy and tender berries, and interbred the 2 trees.

Card 1/2

- 151 -

CIA-RDP86-00513R001032010004-0 APPROVED FOR RELEASE: 06/20/2000

USSR/Cultivated Plants. Fruits. Berries.

M

Abs Jour: Ref Zhur-Biologiya, No 5, 1958, 20497.

Author : Ye. I. Malyshev, Yu. K. Zoti

: Not given Inst

: An Interesting New Variety of Cherry. (Novyy interesnyy Title

sort chereshni).

Orig Pub: Sadovodstvo, vinogradarstvo i vinodeliye moldavii, 1956,

No 6, 29.

Abstract: No abstract.

Card : 1/1

MALYBERT. Is.I., band. sel'skokhosyaystvennyth nank; KACHANOVA, N., red;

KAPITEA, V., tekim. red.

[Principles of vegatable breeding and seed production] Canovy
selekasii i seremovodstva ovoshohnyth kul'tur dlia uslovii
selekasii i seremovodstva ovoshohnyth kul'tur dlia uslovii
Noldavii. Kishinev, Cos. ind-vo Noldavii, 1957. 142 p.

(Vegatable gardening)

(MIRA 11:10)

MALYSHEV, YE. I.

USSR/Cultivated Plants. - Fruits, Berries

M-8

Abs Jour : Ref Zhur - Biol., No 1, 1958, No 1723

: Ye. I. Malyshev, Iu.K. Zoti

: Not Given Inst

: A New Variety of Apple Tree Title

Orig Pub : Sadovodstvo, vinogradarstvo i vinodeliye Moldavii, 1957, No 1,

16-18

Abstract : A new variety of the apple tree, the Sara naliv, is des-

cribed (a hybrid of the Sara sinan and Beliy naliv).

: 1/1 Card

H.

USSR/Cultivated Plants - Grains.

Abs Jour : Ref Ziur - Biol., No 9, 1558, 44047

Author : Malysaev, Ye.

Inst : Kishinev Agricultural Institute.

Title : New Varieties of Sugar Corn.

Crig Pub : Zemledeliye i zhivotnovodstvo Moldavii, 1957, No 4, 20-24

Abstract : The work was carried out by the Kishinev Agricultural

Institute. Using the method of sex hybridization of geographically remote forms, two varieties were developed. popushoi auriu (golden corn) was created by means of free pollination (without eastration) of the American sugar corn variety Golden Bantam with the local gravelly orange Woldavanka and a subsequent separation of the best plants according to the initial characteristics. Popushoi auriu

Card 1/2

- 28 -

M

JSSR/Cultivated Plants. Potatoes. Vegetables. Melons.

Abs Jour: Ref Zhur-Biol., No 5, 1958, 20353.

Author : Ye. Palysher, R. Shul'men.

: Kishinev Agricultural Institute.

: A New Method of Obtaining Tomato Mybrid Seeds. (Novyy spo-Inst Title

sob polucheniya gibridnykh semyan pomidorov).

Orig Pub: Agrikultura shi viteritul Moldovey, 1957, No 6, 48-52; Zem-

ledeliye i zhivotnovodstvo Moldevii, 1957, No 6, 47-51.

Abstract: In the Kishinev Agricultural Institute a method of crossing tomatoes was used by means of the transfer of the

anthers of one variety to the flowers of the other simultaneously with castration. To do this, the column of anthers was removed together with the blossom's corolla and hafted on the style of the pistil of the other var-

lety's castrated flower. It was established that the

: 1/2 Card

> CIA-RDP86-00513R001032010004-0" APPROVED FOR RELEASE: 06/20/2000

USSR/Cultivated Plants. Potatoes. Vegetables. Melons.

M

Abs Jour: Ref Zhur-Biol., No 5, 1958, 20353.

pistil begins to take pollen only after the flower blossoms. During large-scale crossings the best results (75 - 100% fruit set) were obtained by pollinating the yellow buds and half opened blossoms, during which, in the latter case, a significantly greater amount of seeds was yielded in comparison with the fruit obtained through self-pollination. When pollinating flowers in later phases of development a portion of the flowers became self-pollinated. If the percent of hybrids in the one-day flowers is 70-80, in the two-day flowers 45-55, then in the three-day ones in all 10-20% is reached. A description is given of the techniques of crossing according to this new method.

Card : 2/2

MALYSHEV, Ye.I., dotsent, kaml.sel'skokhozyaystvennykh nauk

Intervarietal crossing of tomatoes for the purpose of obtaining seeds with hybrid vigor. Trudy Kish. sel'khoz. inst. 19:103-123 '60. (MIRA 14:1)

(Tomato breeding)

MALYSHEV, Yu.I.

Quinidine therapy of cardiac fibrillation in mitral stenosis patients following commissurotomy. Terap. arkh. 34 no.10: 90-93 0'62 (MIRA 17:4)

1. Iz otdeleniya grudnoy khirurgii (zav. G.N. Shvind) Chelyabinskoy oblastnoy klinicheskoy bol'nitsy (glavnyy vrach N.S. Klyukov). Nauchnyy rukovoditel' raboty - zav. kafedroy grudnoy khirurgii i anesteziologii Leningradskogo ordena Lenina dnstituta usovershenstvovaniya vrachey prof. S.A. Gadzhiyev.

"我们的时间,我们也就是我们的原则是我们的人,我们就是这个的,你是这个人,我们是这个人的人的,我们也不是这个人的人,我们也是我们的人的,我们是<mark>我们的人们的人们的人</mark>

USSR/Cultivated Plants - Fruits. Derries.

M-6

Abs Jour

: Ref Zhur - Biol., No 7, 1958, 30018

Author

: Malyshev, Ye.O., Goncharenko, Ye.G.

Inst

: The Moldavian Institute for Norticulture, Viticulture

and Wine-Making.

Title

: The Effect of Pollinators on the Increased Productivity

of the Apple.

Orig Pub

: Sadovodstvo, vinogradarstvo i vinodeliye Moldavii, 1957,

No 2, 21-23.

Abstract

: The investigations were made in 1956 at the Moldavian

Institute for Horticulture, Vituculture and Wine-Making. Both castrated and non-castrated Paper Rennet apple flowers were pollinated with its own pollen and with that of 6 other varieties. This experiment was furthermore arranged accordingly: in the beginning of the flowering of each

Card 1/2

- 11 -

USSR/Cultivated Plants - Fruits. Berries.

M-6

Abs Jour : Ref Zhur - Biol., No 7, 1958, 30018

pollinating variety three branches of each plus flowers were cut off, placed in cans with water and hung up in the crowns of those trees of the variety to be pollinated. In the presence of full sclf-sterility of the Paper Rennet the pollen of the foreign varieties raised the formation of the germs by up to 91%; up to 12% of the flowers formed normal fruit. With the flowers of the pollinator suspended in the crowns of the pollinated variety the Paper Rennet tree's productivity increased by 5-14 times. The best pollinators were the Simirenko Rennet and the London Pippin.

Cord 2/2

AUTHOR: Malyshev, Ye.V., Engineer

SOV-117-58-4-7/21

TITLE:

Some Problems in the Die-Shearing of Thin Laminated Plastics (Nekotoryye voprosy vyrubki tonkolistovykh sloistykh plastmass)

PERIODICAL:

Mashinostroitel', 1958, Nr 4, pp 25-27 (USSR)

ABSTRACT:

The article contains general information and technologic recommendations for die-shearing of laminated plastics with facric, paper, glass fiber fabrics or asbestos used as fillers. The behavior of laminated plastics in the shearing dies is described. Recommendations are made concerning the preheating temperatures for textolite "A", getinax "B", "AB" and "G $_{\rm W}$ "; the work clearances and the punch taper angle. A stripper design is also recommended (Figure 6). There are 2 photographs, 3 sets of diagrams and 1 graph.

1. Plastics—Processing 2. Dies—Applications

Card 1/1

MALTSHEV, Yu.F.

Comparative testing of the DSSh-14 tractor chassis and the DT-14 tractor. Avt.i trakt.prom. no.9:22-24 S '57. (MIRA 10:11)

1. TSentral'naya mashinoispytatel'naya stantsiya Ministerstva sel'skogo khozyaystva SSSR. (Tractors--Testing)

18 8200 2806

25031 S/139/61/000/093/011/013 E073/E335

EU/3/E17

AUTHORS: Savitskiy, K.V. and Malyshev, Yu.F.

TITLE: Resistance to Abrasive Wear and Hodulus of Elasticity of Heat-treated Brass

PERIODICAL: Izvestiya vysshikh uchebnykh zavedeniy, Fizika,

1961, No.3, pp.164-166

In earlier work of one of the authors it was shown TEXT that the increase in Rockwell hardness and other strength characteristics of brass caused by increasing the quantity of the  $\beta$ -phase during quenching from various temperatures had practically no influence on the resistance to abrasive wear and on the hardness determined by stretching. One of the authors (Ref. 3: Izvestiya vuzov MVO SSSR; Fizika, No. 2; 1958) expressed the view that evaluation of the wear-resistance of metals and alloys purely on the basis of hardness and other mechanical characteristics which were dependent on resistance to deformation did not provide an unequivocal relation between the mechanical properties and the wear resistance, and that the internal bonds between the atoms have to be taken into consideration. F. T. Barwell (Ref. 4: Mashinostroyeniye, No. 4, 58, 1958), Card 1/6

### "APPROVED FOR RELEASE: 06/20/2000

CIA-RDP86-00513R001032010004-0

Resistance to Abrasive Wear ... 5/139/61/000/003/011/013 E073/E335

M. M. Khrushchov and M. A. Babithev (Ref. 5: DAN SSSR, 131, No. 6, 1960) expressed the view that the resistance to wear showed a better correspondence with the modulus of elasticity than with the hardness measured by indentation. The latter two authors proposed the following relation between the relative resistance to wear £ and the modulus of elasticity £ for pure metals:

$$\epsilon = 0.49 \times 10^{-4} \epsilon^{1.3}$$

It is stated that this relation holds for binary alloys with an unlimited series of solid solutions as well as for binary alloys with limited solubility in the eutectic and for a number of minerals. The authors of this paper believe that the correspondence between E and E is of a more general nature than the correspondence between the relative wear resistance and the hardness measured by indentation. The here described investigations were made in order to

Card 2/6

26031

S/139/61/000/003/011/013 E073/E335

Resistance to Abrasive Wear ....

supplement earlier investigations on the resistance-to-wear of heat-treated brass by determining the modulus of elasticity which is considered as a characteristic of the bond forces between the individual atoms. The investigations were made on July (L62) brass and for obtaining various ratios between the  $\alpha$ - and  $\beta$ -phases the following heat-treatments were applied: annealing at 550 °C and quenching from 500, 550, 600, 650, 700, 750 and 800 °C. The quantity of  $\beta$ -phase in these was determined and their hardness was measured. Following that, specimens were produced for determining the modulus of elasticity and for abrasive-wear tests. The modulus of elasticity was determined by means of ultrasonics on specimens 1.4 x 2.9 x 14 mm, taking in each case the mean arithmetical value of 4 specimens. The abrasive-wear tests were carried out according to well-known techniques of M.M. Khrushchov and M.A. Babichev, using electrocorundum paper No. 180 as an abrasive surface. The wear was under a load of 1.2 kg at a relative speed of movement of 1.8 m/min. After covering a distance of 2.1 m, the specimen was weighed with an accuracy of O.l mg and each new pass was on

Card 3/6

# "APPROVED FOR RELEASE: 06/20/2000

CIA-RDP86-00513R001032010004-0

26011

S/139/61/000/003/011/013

Resistance to Abrasive Wear ....

E073/E335

a fresh abrasive surface. The wear was taken as the mean arithmetical value of 6-12 successive measurements. Aluminium was used as a reference standard. The results are plotted in Fig. 1 -  $H_D$  kg/mm<sup>2</sup>,  $\epsilon$ ,  $E \cdot 10^3$  kg/mm<sup>2</sup> - all as functions of the

 $\beta$ -phase quantity in %. It can be seen that the hardness increases with increasing percentage of the  $\beta$ -phase, whilst the relative wear-resistance and the modulus of elasticity remain practically unchanged. The obtained results show that the relative wear-resistance of heat-treated brass is in better qualitative agreement with the modulus of elasticity than with other mechanical characteristics of the resistance of the brass to deformation, particularly hardness. This bears out earlier results in that an increase in wear-resistance can be obtained only if the increase in hardness is combined with an increase in the bond forces of the atoms in the crystal lattice.

Card 4/6

Resistance to Abrasive Wear ... E073/E335

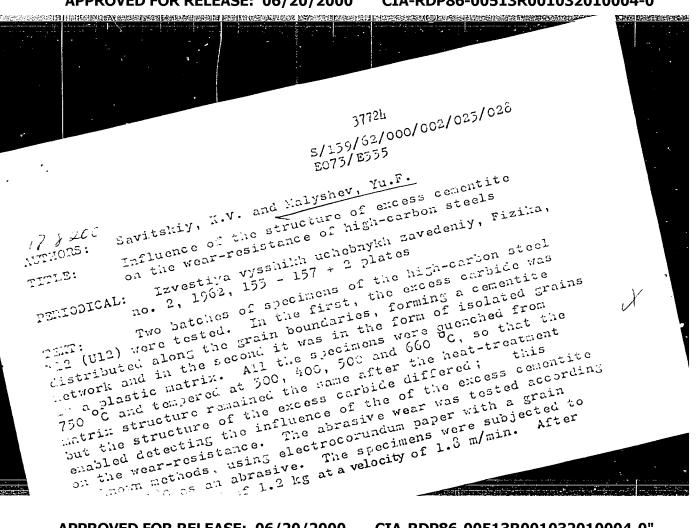
There are 1 figure and 9 Soviet references.

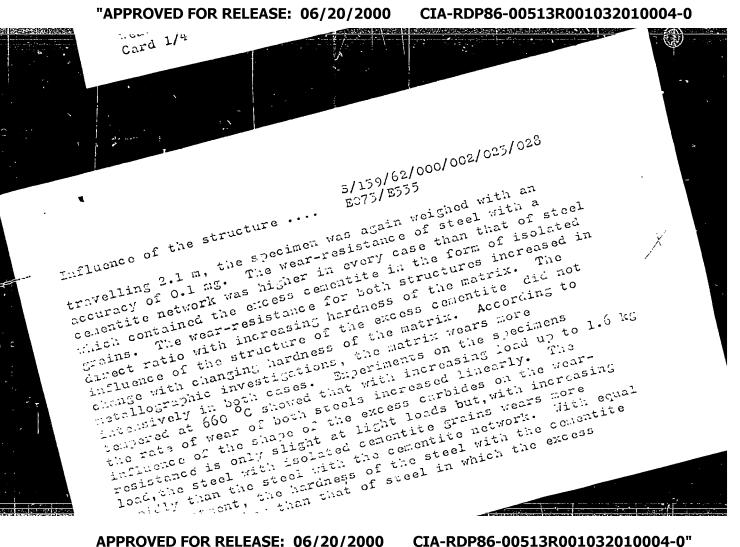
ASSOCIATION: Sibirskiy fiziko-tekhnicheskiy institut pri Tomskom gosuniversitete imeni V.V.Kuybysheva (Siberian Physicotechnical Institute of Tomsk State University imeni V.V. Kuybyshev)

SUBMITTED: October 21, 1960

Card 5/6

# MALTSHEV, Yu.F., inzh. Investigating winter tracks of the DT-54A tractor. Mekh. 1 elek. sots. sel'khoz. 19 no.6:55-57 '61. 1. TSentral'naya mashinoispytatel'naya stantsiya. (Crawler tractors—Cold weather operations)





CIA-RDP86-00513R001032010004-0" APPROVED FOR RELEASE: 06/20/2000

5/159/62/000/002/023/020 E073/E335

Influence of the structure ....

comentite is in the form of isolated grains. Metallographic investig tion of the structure in the neighbourhood of an Indensation with a diamond pyramid showed that the deformed volume was appreciably lower for steel with a cementite Letwork than for steel with isolated cementite grains. Estimation of the abrasive wear from the modulus of elasticity, without taking into consideration the structural distribution of the phases in the alloy, will yield results which may not agree with experiment. Differences in the structural distribution of the carbides also affect the wear during purely motallic friction; specimens with cementite networks showed slightly higher wear than specimens with excess cementite in the form of isolated grains. Deformation of the surface layers increased with increasing tempering temperature, whereby the surface layers deformed more intensively and more decoly in steels with granular distribution of the excess comentite. The rubbing surfaces of quenched specimens showed small islands of oxide films. However, the number of oxide-film spots in tempered specimens was considerably higher and the thickness Card 3/4

# "APPROVED FOR RELEASE: 06/20/2000

CIA-RDP86-00513R001032010004-0

Influence of the structure ....

5/139/62/000/002/023/028 E075/E335

of these films increased with increasing tempering temperatures. Breaking-up of the oxide films and more intensive seizing was observed at tempering temperatures of 660 °C. Fig. 7 shows the dependence of the rate of wear (mg per 1 km) as a function of the tempering temperature for steel with the excess comentite in the form of isolated grains (curve 1) and for steel with the excess cementite in the form of a network. There are 7 figures.

ASSICTATION:

Sibirskiy Tiziko-tekknicheskiy institut pri Tomskom gosuniversitet imeni V.V. Kuybysheva (Siberian Physicotechnical Institute of Tomsk State University imeni V.V. Kuybyshev)

SUBMITTED:

November 17, 1961

- 3 × 80 \$ 6.0 24,0 400 500 t'C

Card 4/4

s/139/62/000/003/020/021 E039/E435

AUTHORS:

Savitskiy, K.V., Malyshev, Yu.F.

TITLE:

Investigation of the influence of the mechanical properties of heat treated brass in a strongly

hardened condition on metallic wear

PERIODICAL: Izvestiya vysshikh uchebnykh zavedeniy. Fizika

no.3, 1962, 173-174

changed by the following heat treatment: annealing at 550°C followed by tempering at 500, 550, 600, 650, 700, 750 and 800°C and measuring the hardness. Samples (1.4 x 2.9 x 14 mm) were cut from the billet and the modulus of elasticity measured by an ultrasonic method. Wear measurements were made on cylindrical (diameter 2 mm) specimens and wear was produced by hardened discs of y8 (U8) steel moving with a velocity of 0.56 m/sec relative to the sample Before the test the discs and samples under a load of 2.475 kg. were carefully polished and degreased with acetone. passage of the sample through a distance of 16.92 m the linear, wear was measured with an accuracy of 0.005 mm, the mean of wear Card 1/2

S/139/62/000/003/020/021
E039/E435

on three samples being used to obtain a single point. The results, on the phase with the metallic wear and modulus of elasticity in the β phase while the metallic wear and modulus of elasticity remain unchanged. There is 1 figure.

ASSOCIATION: Sibirskiy fiziko-tekhnicheskiy institut pri Tomskom gosuniversitete imeni V.V.Kuybysheva gosuniversitete imeni V.V.Kuybysheva (Siberian Physicotechnical Institute at Tomsk State (Siberiaty imeni V.V.Kuybyshev)

SUBMITTED: December 25, 1961

Card 2/2

MALYSHEY, Yu.F., in the Automatic system for filling tractor fuel tanks. Trakt.i sel'khozmash. no.8:15-17 Ag '62. (MIRA 15:8)

1. TSentral'naya mashinoispytatel'naya stantsiya. (Tractors--Fuel systems)

MALYSHEV, Yu.F.

Universal T-40 tractor. Trakt. i selkhozmash. 32 no.3:7-10 Mr
(62.

1. TSentral'naya mashinoispytatel'naya stantsiya.
(Tractors)

MALYSH V, YU. I. -- "Materials on the Surgical Treatment of a Rectal MALYSH V, YU. I. -- "Materials on the Surgical Treatment of a Rectal Prolapse." Kuibyshev State Med Inst, Chair of Hospital Surgery, Kaibyshev, Prolapse." Kuibyshev State Med Inst, Chair of Hospital Surgery, Kaibyshev, Prolapse." Kuibyshev State Med Inst, Chair of Hospital Surgery, Kaibyshev, Prolapse." (Dissertation for the Degree of Candidate of Medical Sciences) 1955. (Dissertation for the Degree of Candidate of Medical Sciences) SO: Knizhnaya Letopis' No 44, October 1956

MAINSHEY, Tu.I., kand.med.nauk (Knybyshev, Knybyshevskaya ul., d. 32

kv. 15)

Clinical svaluation of A.G. Radzievskii's operation for rectal prolapse [with summary in English]. Vest.khir. 82 no.2 F '59.

(MIRA 12:2)

1. Iz gospital'noy khirurgicheskoy kliniki (sar. - prof. A.M. Aminey) Knybyshevskogo mediteinskogo instituta.

(MECTUM, dis. prolapse, surg., technic (Rus))

MALYSHEV, Yu.I., assistent, kand.med.nauk

Is waskening of the external sphincter the cause or consequence of rectal prolapse? Elem.prokt. no.2192-95 160. (MIRA 14:11)

(RECTUM.-ARNOMITIES AND DEFORMITIES)

(SPHINGTER ANI)

MALYSHEV, Yu.I., assistent, kand.med.nauk

New operation for rectal prolapse. Elem.prokt. no.2:98-99 '60.
(MIRA 14:11)

(RECTUM—SURGERY)

MALYSHEV, Yu.I., assistent, kand.med.nauk

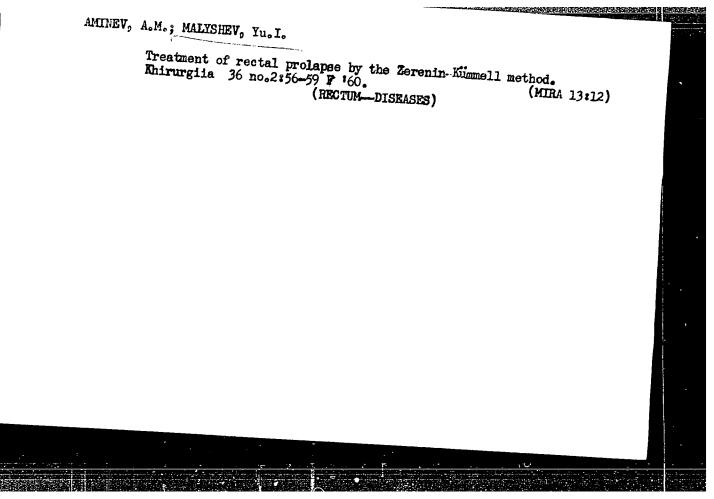
Operative treatment of rectal prolapse by means of stencsis of the amus. Elem.prokt. no.2:99-103 '60. (MIRA 14:11) (RECTUM—AENORMITIES AND DEFORMITIES) (AMUS—SURGERY)

MAINSHEV, Tu.I., assistent, kand.med.nauk

Evaluation of Dèlorme's operation for rectal prolapse according to materials from Soviet surgeons. Elem.prokt. no.2:103-104

(MIRA 14:11)

(RECTUM—SURGERY)



MALYSHEV, Yu.I., kand.med.nauk

Operative treatment of atresia of the anal orifice in adults.

Kaz. med. zhur. no.6:64-65 N-D '61. (MIRA 15:2)

1. Klinika gospital'noy khirurgii (zav. - prof. A.M.Aminev) Kuybyshev-skogo meditsinskogo instituta.

(ANUS\_ABNORMITIES AND DEFORMITIES)

TETENEVA, V.F. (Murmansk); MALYSHEV, Yu.I. (Leningrad); GREBENNIKOVA, A.T. (Leningrad); BAZHENOV, V.S.; IVASHKEVICH, E.I.; (NOVOS) birsk); NEDVETSKATA, L.M. (Moskva); SENT-UMEROV, S.M. (Vladiwostok); PELYAVSKIY, I.F. (Odessa); LIPSKIY, L.I.; NUTRIKHIN, N.A. (Arkhangel'sk); KERIMOV, G.M. (Baku); BARAKOV, V.Ya. (Samarkand)

Abstracts. Grud. khir. 6 no.1;118-126 Ja-F'64. (MIRA 18:11)

Maurenty, Ye.L., kand. med. nauk

Lowner between yer operation in protages of the resture of ourgits 40 nm. %: 12-146 S \* 14 (Mina issu)

. Rathern gravitation yet ordat (law. - port. A.E. Animer)
Raybyshevskigs med. betrakego institute.

MALYSHEY, Yu.I. (Chelyapinsk, 11, Raketnaya ul.39)

Resection of the asophagus in a patient having undergone gastrectomy. Vest. khir. no.7:111-112 J1 '64. (MIRA 18:4)

1. Iz otdeleniya grudnoy khirurgii (zav. - G.N.Shvind) Chelyabinskoy oblastnoy klinicheskoy bol'nitsy (glavnyy vrach - N.S.Klyukov).

8(6), 14(6)

Translation from: Referativnyy zhurnal. Elektrotekhnika, 1959, Nr 4, p 52 (USSR)

AUTHOR: Malyshev, Yu. M.

TITLE: Problems of Overall Electrification of an Administrative "Rayon"

PERIODICAL: Uch. zap. Saratovsk. ekon. in-t, 1958, Nr 3(7), pp 148-196

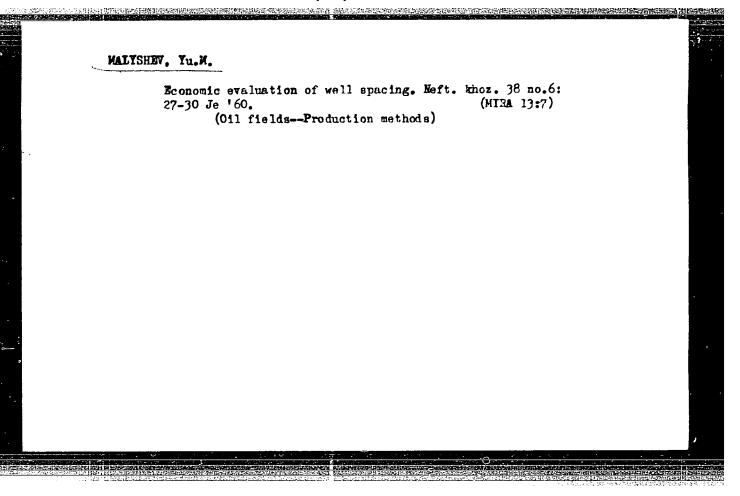
ABSTRACT: Economy of electrification of principal local industries in an administrative "rayon" and the efficiency of constructing small and mediumsize hydroelectric and local-fuel stations are considered. By using concrete examples, technical and economic characteristics of energy consumption by agricultural and local industrial processes are analyzed; the industries are governmental or cooperatively owned. Capital investment per l kw of installed capacity and the cost of 1 kwh from hydro, diesel, or peat-fired stations depending on their capacities are examined. The importance and advantages of complex electrification of an administrative "rayon" are emphasized; the electrification is intended to ensure a wide usage of electric energy in agriculture at kolkhozes and sovkhozes, in accordance with the directives of the 20th Card 1/1

B.I.B.

MAINSHEV, Yu.M., kand. ekonom. nauk, otv. red.; SHMATOV, V.F., kand. ekonom. nauk, otv. red.; POROYKOV, Yu.D., red.; SHAFIN, I.G., tekhn. red.

[Effectiveness of capital investments in petroleum production of the Bashkir A.S.S.R.] Effektivnost' kapital'nykh vlozhenii v neftedobyvaiushchei promyshlennosti Bashkirskoi ASSR. Ufa, 1960. 105 p. (MIRA 14:9)

1. Akademiya nauk SSSR. Bashkirskiy filial, Ufa. Otdel ekonomiki promyshlennosti.
(Bashkiria--Petroleum industry--Finance)



BUGROV, V.A.; MALYSHEV, Yu.M.

Determining the economic effectiveness of hydraulic fracturing.
Neft. khoz. 38 no.9:18-21 S '60. (MIRA 13:9)

(Bashkiria--Oil wells--Hydraulic fracturing)

MALYSHEV, Yu.M.; SHIKHOV, V.V.; SHMATOV, V.F.

Problems of economics in the use of sulfur-bearing oils. Khim. i tekh. topl. i masel. 8 no.3:37-43 Mr 163. (MIRA 16:4)

1. Bashkirskiy filial AN SSSR.

(Petroleum industry) (Petroleum—Refining)

(Sulfur compounds)

Mar Yorks	Control of the Contro
	Torisming endults for Torisming in two or <b>el</b> rolls to tro development of plant expanities in industrial enterprises. Two wyse rower ness i gas fondures (1985 tro.
	1 for 17,6 To Olimskin i betomably on orbon les persyan 17,8,9 on orbon 27,8
,	

MAINSHEY, Yu.M.: TISHOHERKO, V.Te. SHMATOV, V.F.

Applicability of the normature cost index for processing in the calculation of labor productivity in petroleum refining.

Izv. vye. ucheb. zav.; neft' i gnz 7 no.9:116-120 '64.

(M.RA 17 12.

. Wilmakiy neft[aloy instituts

THE RESIDENCE OF THE PROPERTY OF THE PROPERTY

MALYSHEV. Yu.M.; TISHCHENKO, V.Ye.

Methodology for the analysis of the utilization of capital assets in petroleum processing enterprises. Khim. i tekh. topl. i masel 10 no.8:34-40 Ag 165. (MIRA 18:9)

1. Ufimskiy neftyanoy nauchno-issledovatel'skiy institut.

SALIKHOV, V.V.; MALYSHEV, Yu. N.

Experience in the organization of the operation of telegraph communications in Vladimir Province to a system of direct connections. Vest. sviazi 21.no.4:21-24 Ap '61. (MIRA 14:6)

1. Nachal'nik Vladimirskogo oblastnogo telegrafa (for Salikhov). 2. Starshiy inzhener Vladimirskogo oblastnogo telegrafa (for Malyshev).

(Vladimir Province-Telegraph)

THE PROPERTY OF THE PARTY OF TH

RATNER, F.Z., inzh., MALYSHEV, Yu.N.

Calculation of complex hydraulic networks. Zzv. vys. ucheb. zav.; energ. 7 no.10;64-71 0 '64. (MIRA 17:12)

1. TSentral'ryy nauchnc-issledovatel'skiy kotleturbinnyy institut

# **APPROVED FOR RELEASE: 06/20/2000**

CIA-RDP86-00513R001032010004-SOV/155-58

16(1) AUTHOR: Malyshev, Yu. V.

TITLE:

Generalization of the Method of Isoclinics for the Construction of the Direction Field of a First Order Differential Equation (Obobshcheniye metoda izoklin postroyeniya polya napravitaliy differentsial nogo uravneniya pervogo poryadka)

PERIODICAL: Nauchnyye doklady vysshey shkoly. Fiziko-mu amatietowkiy exemit 1958, Nr 3, pp 88-90 (USSR)

ABSTRACT:

Alche with

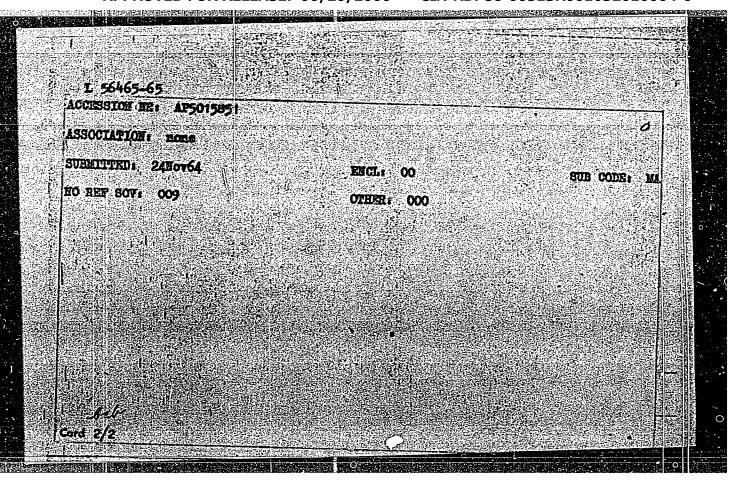
y' = f(x,y)(1)

the author considers

The curve (2) along which the directions of the integral curves of (1) run together in the fixed point  $M(\bar{x},\bar{y})$  is denoted as the line of converging directions. It is shown that this line represents a generalization of the isoclines of (1). To every M(x,y) there corresponds its line of converging directions. If M is shifted along a curve, then one obtains several lines of

L 56465-65 EWT(4)/ACCES/OH ER: AP501585	1
Dougle . Waytakiv. V	UB/0140/65/000/003/0133/0145 517-919
ITLE: Work structure!	A STATE (MOSCORE)
Once: Ivoz. Katomatik	is no. 3, 1965, 133-145
PIC PAGE: GIFFCENEIRI	* · · · · · · · · · · · · · · · · · · ·
THACE: Countder the c	- Stantito
of P and Q are homes	" P <sub>2</sub> (x,y), A = Q <sub>2</sub> (x,y) (1)
lod of Buleralized fund	n'ess', dt = Q(x,y)  mous polynomials of degree n. The authors apply the  tions of Lyspanov for systems close to homogeneous, They  integral curves in the whole plane, with approximately
fication of the defini-	tions of Lyapunov for systems close to homogeneous. They integral curves in the whole plane, with appropriate usi stability of (1), based on behavior of the roots of the cots
characteristic atructu	ual stability of (1) give two theorems above the

"APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R001032010004-0

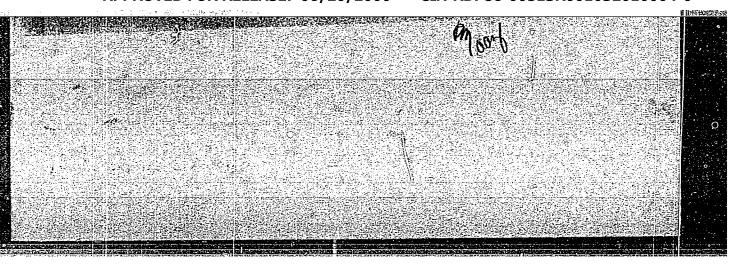


MALYSHEV, Yu.V.

Numerical method for integrating a differential equation of the first order. Dif. urav. 1 no.5:692-697 % '65.

(MIRA 18:7)

1. Moskovskiy gosudarstvennyy universitet imeni M.V. Lomonosova.



MALYSHEV, Yu.V.

Study on nearly homogeneous differential equations. Vest.Mosk.un. Ser.1: Mat., mekh. 20 no.6:15-27 N-D 165.

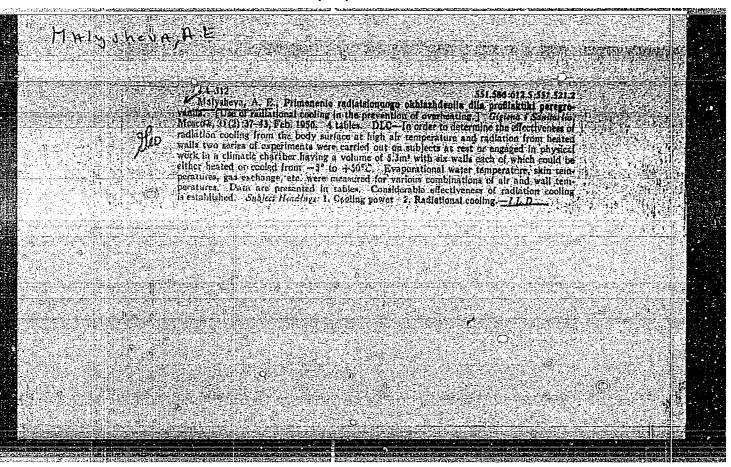
(MIRA 18:12)

1. Kafedra differentsial nykh uravneniy Moskovskoro universiteta. Submitted Feb. 24, 1964.

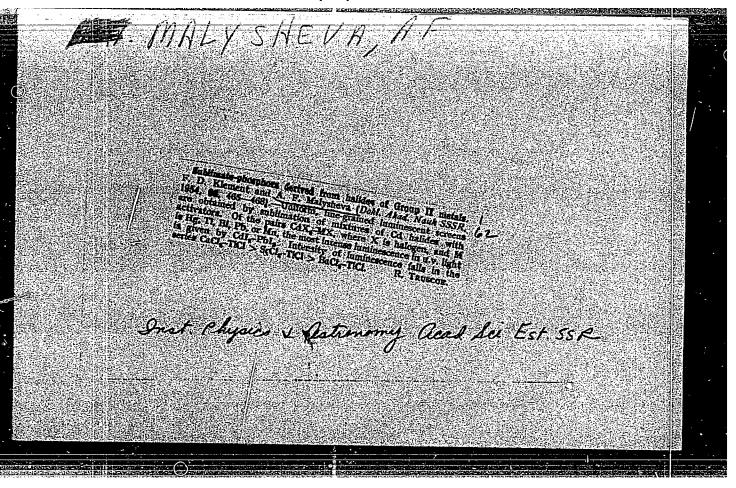
MALYSHEVA, A.D.; LOGINOVA, Te.A. (Moskva)

General P.I.Bagration's fatal wound. Sov.med. 18 no.6:41-43
Je '54. (MLRA 7:6)

(BAGRATION, PETR IVANOVICH, KNIAZ', 1765-1812)



门针上八支的专口供用于 USSR/Physics - Spectral analysis Card 1/1 Pub. 43 - 25/62 Authors Malysheva, A. F. Title Absorption spects of solid Pb-solutions in cadmium halides Periodical t Izv. AN SSSR. Ser. flz. 18/6, 685-686, Nov-Dec 1954 Abstract Study was made to establish the absorption spectra for cadmium halide base phosphor-sublimetes with lead halide in the role of activator. The measurement of the absorption spectra was accomplished by means of a SF-4 spectrophotometer and it comprised a region of from 220-450 mu. The results obtained are avaluated. Three references: 2 USSR and 1 German Institution : Acad. of Se., Est. SSR, Inst. of Phys. and Astronomy Submitted :



Walysheva, A.F. USSR/Optics - Physical Optics

K-5

Abs Jour

: Referat Zhur - Fizika, No 5, 1957, 12921

Author

: Klement, F.D., Malysheva, A.F.

Inst Title Nature of Excitation Spectra of Certain Crystal Phosphors.

Orig Pub

: Tr. In-ta fiz. i astronom. AN EstSSR, 1955, No 1, 44-46

Abstract

: An investigation was made of the absorption and excitation spectra in a series of sublimate phosphors. A double-layer comprising a "base plus activator" CdI<sub>2</sub> -- FbI<sub>2</sub>, luminesces only after being sufficiently heated to diffuse the activator into the lattice of the base and to form a solid solution. As a result, a new narrow absorption band appears at 390 millimicrons, ascribed to the ions Pb<sup>2</sup> in the CdI<sub>2</sub> lattice. Unlike the CdI<sub>2</sub> -- FbI<sub>2</sub>, the activator bands of the activator inserted in the base of a sublimate phosphor CdBr<sub>2</sub> -- FbBr<sub>2</sub> or CdCl<sub>2</sub> -- FbCl<sub>2</sub>, retain the same position as in the pure activator. The excitation spectra

Card 1/2

APPROVED FOR RELEASE: 06/20/2000

CIA-RDP86-00513R001032010002

	100
Malysheva, A.F.	
一个大大大大大大大大大大大大大大大大大大大大大大大大大大大大大大大大大大大大	
一个大大大大大大大大大大大大大大大大大大大大大大大大大大大大大大大大大大大大	
	the second second
動工 전에 공통하는 사용적으로 가는 사용하는 이 사용적으로 가는 사용하는 이 사용적으로 하는 사용으로 하는 사용적으로 하는 사용으로	
### 하는 사람들이 하는 사람들이 하는 사람들이 하는 사람들이 하는 사람들이 하는 사람들이 아니라	
墨 이 하나 이번 시설하는 사람들이 되는 사람들이 가장 하는 사람들이 되었다. 이 나는 사람들이 가는 사람들이 가장 하는 사람들이 되었는데 하는 사람들이 되었다. 사람들이 아는 사람	
불리한 보고 있었다. 그는 그는 사람들이 되어 함께 함께 그가 들어 수 있어야 한 수 있는 학생들이 되었다. 그는	204-0000BZF88
	200
	APPENDAGE TO THE
图1、4、1、1、1、1、1、1、1、1、1、1、1、1、1、1、1、1、1、1	EMISSION CON
数。1994年,是是一种的证明,我们是一种的证明,我们就是一种的证明,我们就是一种的证明,我们就是一个人,这些知识,我们就是一个人的证明,我们就是一个人的证明,	
大大大大大大大大大大大大大大大大大大大大大大大大大大大大大大大大大大大大大	
Later the contract of the cont	
是一个人,我们就是一个人,我们就是一个人的,我们就是一个人的,我们就是一个人的,我们就是一个人的,我们就是一个人的,我们就是一个人的,我们就是一个人的,我们就是	APPROPRIEST SEASON
The effect of gases on the formation processes of some crystal phosphora. P. D. Signicip. A. F. Malyaneva, S. 79 Niloya, and A. Signicip. A. M. Marian, 1867.	
A DESCRIPTION OF THE PROPERTY	
第2章1、1992年,1992年,1992年,1992年,1992年,1992年,1992年,1992年,1992年,1992年,1992年,1992年,1992年,1992年,1992年,1992年,1992年,199	
。这是我们的对象,我们就是一个人,我们就是我们的,我们就是我们的,我们就是我们的,我们就是我们的,我们就是我们的,我们就是我们的,我们就是我们的,我们就是我们的	
And Nauk Russ C. P. 1986 No. 4 Mall The last	
TO SECURITION OF THE PARTY OF T	
valuated phosphers rece alogal, edits of some metals of	
Tile and proup, notivated will heloten salts of Cu. Pb. and	
	100
Mg. The selected rases were O and F because of the small	
miol. dimensions and the large electronegativity. The sub-	

DFOR RELEASE: UO/ZU/ZUUU CIA-RI

Ling. Instructed stars were O and F. because of the small

Intol. dimensions and the large size tronsgativity. The sub
stance and the activator were evapt. in 3 layers in equivand the transformation of the 2-layer system into a phosphorivas directly observed by the appearance of a luminescence
immediately in CaCl<sub>5</sub> + CuCl and Cdl<sub>1</sub> + Psi<sub>2</sub> (or PbBr<sub>2</sub>).

It takes 3-4 min. to transform KCl + CuCl into a phosphor.

O also decreases to 90-100° the formation temps: of CdCl<sub>1</sub> +

MnCl<sub>2</sub>, CdBr<sub>2</sub> + MnCl<sub>3</sub>, CaCl<sub>3</sub> + TlCl in toco, which
are 200-10°, 160-70° and 150-60°, resp. F has a still more
intensive action, aince it transforms CaCl<sub>3</sub> + TlCl ar room
temp, instantaneously and CdCl<sub>3</sub> + MnCl<sub>3</sub> after short heating only. Gases lacrease the diffusion of the activator into
the base material. The activator conc. in the surface layer
gradually decreases. Introduction of F changes the crystinof certain layers. This is explained by "catalytic" action
due to the formation of intermediate unstable products.

W. W.

#### "APPROVED FOR RELEASE: 06/20/2000 CI

#### CIA-RDP86-00513R001032010004-0

48-5-45/56

SUBJECT:

USSR/Lumineacence

AUTHOR:

Malysheva A.F.

TITLE:

On Spectral Properties of Some Sublimate-Phosphors (O spektral'-

nykh svoystvakh nekotorykh sublimat-fosforov)

PERIODICAL:

Izvestiya Akademii Nauk SSSR, Seriya Fizicheskaya, 1957,

Vol 21, #5, p 753 (USSR)

ABSTRACT:

Excitation and absorption spectra of sublimate-phosphors based on cesium haloids and using tallium as an activator were investigated.

An absorption spectrum of a two-layer system "base + activator" before heating is a superposition of the absorption spectra of the components. After heating, which ensures a possibly complete diffusion of the activator into the lattice of the base, the spectrum changes considerably. At the same time luminescence arises. In the absorption spectrum of the CsCl.TlCl system appear two bands with maxima at 245 to 248 m mand 210 m m In the CsBr.TlBr after heating appear two bands with maxima at 215 and 263 m m. The CsJ.Tl phosphor shows after heating 3 new

MALYSHEVA, A. F., Candidate Phys-Math Sci (diss) -- "The spectral properties of certain halides of the sublimate phosphors". Tartu, 1959. 10 pp (Tartu State U), 225 copies (KL, No 25, 1959, 126)

21016

以下,我们们们们是这种的对象的对象的对象的对象的。

8/058/61/000/005/024/050 A001/A101

24.3500 (1137,1138,1140,1147)

Malysheva, A.F.

TITLE:

Crystallophosphors based on halides of metals of the second group

PERIODICAL:

Referativnyy zhurnal. Fizika, no 5, 1961, 181, abstract 5V384 ("Tr. In-ta fiz. 1 astron. AN EstSSR", 1960, no 12, 111-124, Engl. sum-

mary)

The author investigated spectra of absorption, excitation and emis-TEXT: sion of phosphors based on halides of some metals of the second group activated by Pb and Tl. She compares the maxima of absorption (excitation) bands of these phosphors with electron transitions in free ions of Pb and Ti. The small difference is noted in the structure of absorption spectra of the phosphor group under consideration and alkali halide phosphors with the same activators, in particular, the absence of splitting (or the presence of very weak splitting) of P levels in ions of Tl+ and Pb2+, being in the lattices of halides of metals of the second group, in spite of the low symmetry of the latter. From the comparison of emission spectra of tallium phosphors based on halides of alkali and alkali

Card 1/2

#### "APPROVED FOR RELEASE: 06/20/2000

CIA-RDP86-00513R001032010004-0

21016

Crystallophosphors based on halides ...

8/058/61/000/005/024/050 A001/A101

earth metals, the conclusion is drawn that in the second group of phosphors there are luminescence centers of one type, whereas in the first group the existence of centers of two types is possible. This difference is connected with the fact that cations of the main lattice in these two groups of phosphors have different charges. The author considers also absorption spectra of pure halides of metals of the first and second groups. There are 27 references.

[Abstracter's note: Complete translation.]

Card 2/2

21,662 s/081/61/000/009/002/015 B101/B205

94,3500

PERIODICAL:

Card 1/2

Malysheva, A. F.

: ROHTUA

Crystal phosphors on the basis of alkaline-earth halides

TITLE:

Referativnyy zhurnal. Khimiya, no. 9, 1961, 29, abstract

9E202 (9B202) ("Tr. In-ta fiz. i astron. AN EstSSR",

1960, no. 12, 111 - 124)

TEXT: The author analyzed the absorption, excitation, and emission spectra of phosphors based on halogen salts of some metals of the second group of the Periodic Table, which were activated with Pb and Tl. The maxima of the absorption (excitation) bands of these phosphors are compared with electron transitions in free Pb and Tl ions. A slight difference between the structure of the absorption spectra of the phosphors studied and that of alkali-halide phosphors with the same activators is noted. From a comparison of the emission spectra of Tl phosphors based on halogen salts of metals of groups I and II of the Periodic Table, the conclusion is drawn that luminescence centers of one type exist in the phosphors of group II, whereas two types of centers may exist in the phosphors of This divergence is related to the varying charge of the lattice group I.

CIA-RDP86-00513R001032010004-0" APPROVED FOR RELEASE: 06/20/2000

2L662

S/081/61/000/009/002/015
B101/B205

cations in these phosphors. The author analyzed the absorption spectra of pure halogen salts of metals of groups I and II. [Abstracter's note: Complete translation.]

I 6091 -65 EFT(1)/T/EDC(6)-2 LIP(c) COESSION NR: AT5013536  UTHORS: Tilman P :	UR/2613/64/000/026/0112/0120
UTHORS: Il'mas, E. H., Kink, R. E., L.	ydlya, G. G., Malyshers, A. F. 29
	Lide salts in the region at a light
seledovariya po lyuminestsentaii (Res PIO TAGS: absorption spectrum, lead lm, excilor, absorption band	astronomii. Trudy, no. 26, 1964 earch on luminescence), 112-120, 25, compound, halfde galf file
STRACT: The authors have measured to yers of 25012, PDBr and PDI authors the spectrum me to 9.5 eV energy. The purpose of stal and to check whether the energy	ne absorption spectrum of thin mated on LiF plates. Unlike

than the energy of the cationic excitons in ionic crystals contains Pb+. The results show that the lowest energy absorption bands in PbC (4.55 eV) and in PbBr <sub>2</sub> (3.7 eV) are correlated with the absorption bands and the phosphors KG1-Pb and KEr-Pb, corresponding to the paids in PbGl <sub>2</sub> and PbBr <sub>2</sub> are attributed to cationic excitons. The bands in PbGl <sub>2</sub> and PbBr <sub>2</sub> are attributed to cationic excitons. The makes PbGl <sub>2</sub> and PbBr <sub>2</sub> suitable objects for the investigation of the migration of cationic excitons in phosphors. The authors thank Charles the paids for a discussion of the work and Triaysaar and Triaysaking the paids of the measurements: Originant: has: I figures.	NR: AT5013536	777
Physics and Astronomy, AN EstSSR (Institute of	eV) and in PbBr, (2.7 eV) are correlated with the absorptions and the phosphors KG1-Pb and KBr-Pb, corresponding to the transitions in the Pb+ ions. In view of this correlation PbG12 and PbBr2 are attributed to cationic excitons.  And PbBr2 suitable objects for the investigation of the feationic excitons in phosphors. The authors thank Ch. The discussion of the work and T: Laysaar and T: Savikhir the measurements.  Institut evaluation.	P- e on, This
SUBMITTED: 18Jun65 ENGL: 00 SUB CODE: OF UR REF SOV: 011 COTHER: 013	18Jun63 s engl: 00 sub code: of	

L 014560-66   EVT(1)/EVT(m)/EVP( ACCESSION NR: AT5013691 AUTHOR: 2013	
TITLE THE THE TENTH OF THE TENT	UR/2613/64/000/030/0068/0077
Solpon ( aub)	Instead and Land
Marie Marie Control of the Control o	
OPIC TAGS: photoluminescence, al	bsorntion 1 luminescence), 68-77
STRACT: Inasmuch as	rch on luminescence), 68-77  bsorption spectrum, sublimated phosphor, zinc a spectrum, emission spectrum, thin film
vatela	isurements of the excitation
itetian and mullimated phon	- ange of 500-7420 *** 1- and stiffte
fam Lussion spectra m	She Cu and She Cu at suchors produced
encod - Variation of the	or the hand.
ions of crystallization of the	short-wave parts of the bands in the excitation lies in the sublimation conditions and in the contract that the section
The Illms. It is assumed	ntial material, and also to the different thick that the additional impurities in the form of
<b>1/</b> 2	impurities in the form of