

SOV/32-24-11-8/37

The Determination of Tantalum by Differential Spectrophotometry

solution did not give Hiskey and Joung (Yang) (Ref 3) an increase in the accuracy of measurement. Since practically no data exist in the Soviet publications on differential spectrophotometry a table on the application of this method is given. Tantalum was determined in the ultra-violet region by reacting it with pyrogallol in an oxalate-acid medium. A 4N HCl solution with 400 mg pyrogallol, 120 mg ammonium oxalate, and 30-50 mg potassium pyrosulfate per 10 ml of solution, added, was used for this purpose. A series of solutions containing 0.5 to 1.2 mg Ta_2O_5 were prepared; one of these solutions was the zero solution (C_1) and a second solution of higher concentration (C_2) was measured in relation to the first. The interval 0.7 to 0.9 mg Ta_2O_5 was found to be optimal for C_1 . In the presence of niobium, at a concentration of $Nb_2O_5:Ta_2O_5=3:1$, the relative error in the tantalum determination was about 0.5%, and with a ratio of 6:1 about 1%. The optical properties of the titanium and tantalum pyrogallol complex compounds are additive, so that with a ratio of $TiO_2:Ta_2O_5=$

Card 2/3

5(2), 5(4)

AUTHORS:

Dobkina, B. M., Malyutina, T. M.

SOV/32-24-11-8/37

TITLE:

The Determination of Tantalum by Differential Spectrophotometry (Opredeleniye tantala differentsial'noy spektrofotometriyey)

PERIODICAL:

Zavodskaya Laboratoriya, 1958, Vol 24, Nr 11, pp 1336-1343 (USSR)

ABSTRACT:

Relative errors can be so diminished by the differential method that this method is as exact as gravimetric analysis. The method is based on using as a zero solution a solution of the element to be determined in increased concentrations. The theoretical basis of the method was developed by Hiskey et al. (Khiski) (Refs 1-3), and it can be shown mathematically that an increase in the optical density of the standard solution increases the accuracy of the determination, and that the

error for the case $\frac{I_2}{I_1} = 1$ is minimal. In instruments in which

it is not possible to regulate the light intensity over a wide range an increase in the optical density of the standard

Card 1/3

The Spectrophotometric Determination of Cerium
in Preparations of Lanthanum, Neodymium and
Praseodymium

32-24-4-3/67

addition of hydrogen peroxide is described and the disturbing influence of lanthanum and neodymium is pointed out, no data are given with respect to the effect exercised by praseodymium. As may be seen from the process of analysis described, a potash solution and a 3% hydrogen peroxide solution were used, and the calibration curve was calculated from a series of standard solutions of cerium nitrate. The results obtained from the lanthanum preparations were compared with data obtained by the spectral method, whereas no method of comparison was available for the neodymium- and praseodymium preparations. There are 2 tables, and 3 references, 0 of which are Soviet.

ASSOCIATION: Gosudarstvennyy Institut rezhikh i redkikh metallov (State Institute for Rare and Trace Metals)

1. Lanthanum--Analysis 2. Neodymium--Analysis 3. Praseodymium
--Analysis 4. Cerium--Determination 5. Spectrophotometers
--Applications

Card 2/2

AUTHORS: Dabkina, B.M.; Malyutina, T.M. 32-24-4-3/67

TITLE: The Spectrophotometric Determination of Cerium in Preparations of Lanthanum, Neodymium and Praseodymium (Spektrofotometricheskoye opredeleniye tseliya v preparatakh lantana, neodima i prazodima)

PERIODICAL: Zavodskaya Laboratoriya, 1958, Vol. 24, Nr 4, pp. 390-392 (USSR)

ABSTRACT: On the basis of the method developed by Telep and Boltz (Ref 1) a method of determining cerium besides the above mentioned elements was worked out with the sensitivity of up to 5 - 10 $\mu\text{Ce}/25$ ml. Among other things it was found that the functional curve of the optical density of cerium concentration (at 0.4 to 30 $\mu\text{g}/\text{ml}$) is of rectilinear character and that deviations do not exceed 2-3%, and that, furthermore, in a carbonate medium and a pH of about from 10.5 to about 50 mg lanthanum-, neodymium- and praseodymium oxide remain in solution also without the addition of tartaric- and/or citric acid, and do not disturb the determination of cerium even in the case of only 0.01% cerium. In a paper published in 1956 (Ref 3), in which a spectrophotometric determination of cerium in ultraviolet, but without any

Card 1/2

N D MALYUTINA and M L IYUDMIRSKIY

"Measurement of the Vacuum-Factor of Receiver-Amplifier Tubes"
from Annotations of Works Completed in 1955 at the State Union Sci. Res. Inst.
Min. of Radio Engineering Ind.

So: B-3,080,963

Transparency optimum ...

S/153/62/005/003/003,004
E195/E485

ASSOCIATION: Moskovskiy institut tonkoy khimicheskoy
tekhnologii im. M.V.Lomonosova
Kafedra tekhnologii pererabotki polimerov i
tekhnologii reziny (Moscow Institute of Fine
Chemical Technology imeni M.V.Lomonosov,
Department of Polymer Treatment Technology and
Rubber Technology) ✓

SUBMITTED: February 14, 1961

Card 2/2

S/153/62/005/003/003/004
E195/E485


AUTHORS: Gridunov, I.T., Kutlina, L.A., Malyutina, M.F.

TITLE: Transparency optimum in vulcanized rubbers

PERIODICAL: Izvestiya vysshikh uchebnykh zavedeniy, Khimiya i
khimicheskaya tekhnologiya, v.5, no.3, 1962, 480-483

TEXT: The effect of various types and amounts of fillers on the physicochemical properties and transparency of vulcanisates was studied. It was found that the heating time for which the best properties were obtained (curing optimum) does not coincide with that of the maximum transparency (transparency optimum), the latter requires a longer time. The curing optimum depends on the type of rubber, the filler, the accelerator action and varies between 5 and 30 minutes. The transparency optimum depends on the polymer type and to a lesser extent on the quantity of colloidal silicic acid in the mixture and the composition of the accelerator group; for those from natural rubber it was obtained with a curing time of 30 to 40 minutes, while divinylstyrene rubbers only needed 20 to 30 minutes. There are 3 tables.

Card 1/2



GRIDUNOV, I.T.; SHULYAK, Z.N.; KUTLINA, I.A.; MALYUTINA, M.F.

Use of domestic white carbon blacks in transparent rubbers. *Izv. vys. ucheb. zav.; khim. i khim. tekhn.* 6 no. 4: 652-658 '63. (MIRA 17:2)

1. Moskovskiy institut tonkoy khimicheskoy tekhnologii im. Lomonosova. Kafedra pererabotki polimerov i tekhnologii reziny.

GUREVICH, G.P.; MALYUTINA, I.I.; KAZAKOV, V.A.

Hygiene evaluation of the air in Vladivostok. Trudy Vlad. 1961
no.2:222-227 162. M.R. 18 5.

1. Iz Vladivostokskogo nauchno-issledovatel'skogo instituta
epidemiologii, mikrobiologii i gigieny.

MALYUTINA, L.I.

Hygienic evaluation of the local sources of the water supply
in Vladivostok. Trudy VladIEMG no.2.216-219 '62.

Effect of the concentration of nitrates in drinking water on the
content of methemoglobin in the blood of children of the day-
nursery age. Ibid.:219-221 (MIRA 18:3)

1. Iz Vladivostokskogo nauchno-issledovatel'skogo instituta
epidemiologii, mikrobiologii i gigiyeny.

GUREVICH, G.P.; MALYUTINA, L.I.

Natural content of cobalt in the soil and foods in the Maritime Territory in relation to the problem of endemic goiter. Trudy VladIEMG no.2:211-213 '62. (MIRA 18:3)

1. Iz Vladivostokskogo nauchno-issledovatel'skogo instituta epidemiologii, mikrobiologii i gigiyeny.

MALYUTINA, K. V.

MALYUTINA, K. V.

Hospitals - Moscow Province

Work of a district hospital. Sov. zdrav.
No. 3, 1952.

Monthly List of Russian Accessions, Library of Congress, September 1952. UNCLASSIFIED.

LEBEDEV, Ye.A.; MAIYUTINA, G.N., red.; CHIZHOV, N.N., red. teksta;
KUZNETSOVA, O.L., tekhn. red.

[Jordan, Israel, Lebanon, Cyprus; 1:1000 000] Iordaniia, Livan,
Izrail', Kipr; 1:1000 000. Moskva, Gos. izd-vo geogr. lit-ry,
1961. — Text. 1960. 18 p. (MIRA 15:3)

1. Russia (1923- U.S.S.R.) Glavnoye upravleniye geodezii i
kartografii. (Near East—Maps)

ACCESSION NR: AP4024990

density in the areas studied spectrometrically was determined. It was at first established that defects observed in the Ge crystalline lattice were caused by the presence of Au and Sb. Further study showed that gold rather than antimony atoms were responsible for the presence of these defects. An explanation is offered of two possible causes of the phenomenon: 1) the presence of dispersed eutectic inclusions of Au; 2) dispersion separation of Au from the solid solution during cooling. The authors conclude that gold atoms in a germanium monocrystal are distributed between the undisturbed matrix and dislocations. Orig. art. has: 3 figures.

ASSOCIATION: Gosudarstvennyy nauchno-issledovatel'skiy proyektnyy institut redkometallicheskoj promyshlennosti (State Scientific Research Institute of Rare Metals Industry)

SUBMITTED: 16May63

DATE ACQ: 16Apr64

ENCL: 00

SUB CODE: ML, PH

NO REF SOV: 004

OTHER: 006

Card 2/2

ACCESSION NR: AP4024990

S/0070/64/009/002/0227/0230

AUTHORS: Fomin, V. G.; Malyutina, G. L.; Gurevich, M. A.; Novikov, A. G.

TITLE: Distribution of gold in germanium single crystals

SOURCE: Kristallografiya, v. 9, no. 2, 1964, 227-230

TOPIC TAGS: germanium, gold, antimony, gold alloyed germanium, antimony alloyed germanium, alloy distribution in crystals, spectral germanium analysis, x-ray germanium analysis, GUR-3 x-ray goniometer, URS-501 x-ray apparatus, lattice structure, dislocation density, dispersion, alloy separation, cooling effect

ABSTRACT: The distribution of small quantities of gold in germanium single crystals was studied with the use of a double-crystal spectrometer (Bragg-Bragg orientation) and a special attachment mounted on the GUR-3 goniometer of a URS-501 x-ray apparatus. The n-type germanium served as a crystal-monochromator, while the samples studied were cut from different parts of a germanium ingot alloyed with gold to 10^{15}cm^{-3} and with antimony to 10^{14}cm^{-3} . The concentration of the uncontrolled acceptor-admixtures did not exceed 10^{13}cm^{-3} . Data obtained by the x-ray and metallographic (etching) analyses were compared after the dislocation

Card 1/2

L 17429-63

ACCESSION NR: AP3004350

Liquidus curves, the heats of fusion of GaAs and InAs were evaluated. Orig. art.
has: 6 figures and 3 tables. 0

ASSOCIATION: none

SUBMITTED: 06Sep62

DATE ACQ: 21Aug63

SUB CODE: PR, CH

NO REF NOV: 010

ENCL: 00

OTHER: 008

Card 2/2

17429-53

EIP(e)/EDS/TWT(m) AFFIC JD

ACCESSION NO: AP300430

8/0078/63/008/008/1921/1927

AUTHORS: Glasov, V. M.; Malyutina, G. L.

TITLE: Interaction of germanium with gallium and indium arsenides

56

SOURCE: Zhurnal neorganicheskoy khimii, v. 8, no. 8, 1963, 1921-1927

TOPIC TAGS: In, As, Ga, Ge, Van't Hoff equation, indium, arsenic, germanium, gallium

ABSTRACT: The scope of the present work is to study the phase equilibrium of the systems Ge-GaAs and Ge-InAs and the solubility of gallium and indium arsenides in germanium at various temperatures. Microscopic analysis shows that alloys containing less than 0.25 atomic % of InAs and 1.5 atomic % GaAs are of a single phase. A conclusion can be made on the basis of microscopic and thermal analysis that Ge-InAs and Ge-GaAs are quasi-binary systems of the eutectic type, and that the eutectic composition is approximately found at a concentration of 50 atomic % InAs and 30 atomic % GaAs. Conclusions are drawn on the thermal stability of liquid and solid solutions of arsenides of gallium and indium in germanium on the basis of an analysis of liquidus lines corresponding to the primary crystallization of germanium with application of Schroeder and Van't Hoff's equation. It is shown that germanium solutions in melted gallium and indium arsenides can be considered as ideal solutions and, on the basis of this and the corresponding

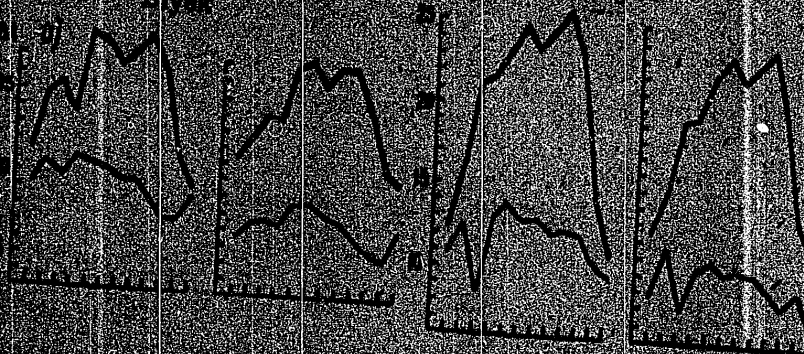
Cont 1/2

13337-55

ACCESSION NO. AT5001405

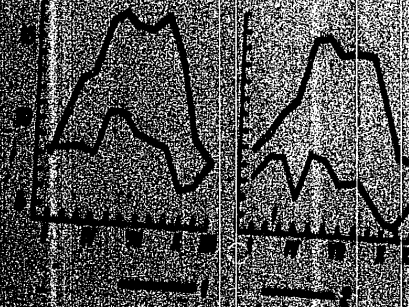
b) Ust'-Ulakan

ENCL 12



c) Chirak

Figure 2 - Annual variation of air temperature
 at Ust'-Ulakan for different quantities of
 cloud cover: a) and b) cloud cover in the
 mountains in foothills of the Altay and
 of the plain; c) clear sky; d) overcast.



1. 23307-0
ACCESSION NO. AT6001406

ENCL. 01

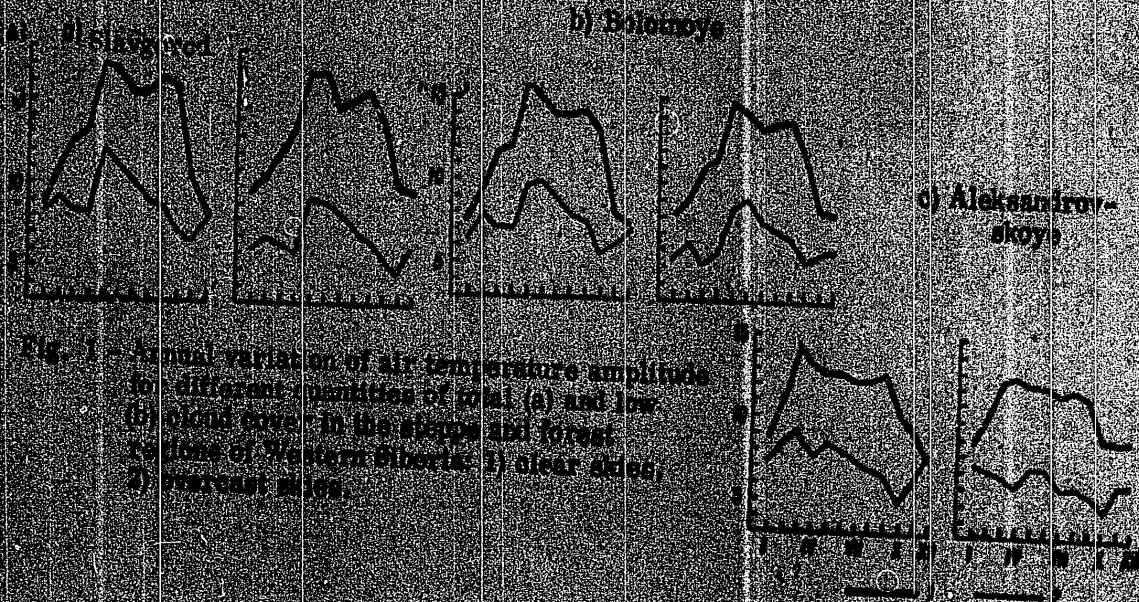


Fig. 3 - Annual variation of air temperature amplitude in different quantities of total (a) and low (b) cloud cover in the steppe and forest regions of Western Siberia: 1) clear sky; 2) increased clouds.

ACCESSION NR: AT5003405

conditions (plains, foothills, mountains). The data shown in Figures 1 and 2 of the Enclosure demonstrate graphically that in the summer, autumn and spring months it makes no difference what cloud-cover characteristic (low or total) is used in generalizing data on the diurnal amplitude of air temperature, but this is not true for winter. The cited examples show the advantage of using the characteristics of low clouds in analysis of temperature amplitude data. Another method for making such comparisons is also described and illustrated by an example. Orig. art. has 4 figures and 3 tables.

ASSOCIATION: Nuchina (Nuchina) Vasily Institut aeroklimatologii, Moscow (Aero-climatological scientific research institute)

SUBJECT: 01 00

ENCL: 02

REF CODE: 16

NO REF: 00

OTHER: 000

Card

121857-0 ENG(1) POC GR
ACCESSION NR: A7001405

5/267/64/000/020/0055/W63

AUTHOR: Koshinskiy, S. D.; Milyutina, A. A.

34

TITLE: A method for determining the mean amplitude of air temperature with clear, partly overcast and overcast skies

SOURCE: Moscow, Khabno-Issledovatel'skiy Institut Aeroklimatologii. Trudy, no. 26, 1964, (Klimatologiya (Climatology)), 55-63

TOPIC TERMS: cloud, cloud cover, air temperature, climate, climatology

ABSTRACT: A study has been made to determine the degree of influence of cloud cover on the diurnal amplitude of air temperature. Data were analyzed separately for low clouds and total cloud cover. Data for six stations in different physiogeographic regions of Siberia were analyzed. For each station, the authors computed the mean diurnal amplitude of air temperature during clear and overcast skies and they constructed curves of the annual variation of these amplitudes. Fig. 1 of the Enclosure shows the annual variation of the amplitude of temperature as a function of the amount of cloud cover at the stations; all located on the same meridian. The left-hand side of the figure shows the annual variation of temperature amplitude as a function of low clouds. A similar comparison was made for stations situated under different topographic

Dist. 1/4

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001032000032-6

1952, ul'ras' and ear diseases; manual for physicians and students 2. 10000. 1 doz. 1zd.
Moskva, Gos. izd-vo, 1952. 476 p.

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001032000032-6

MALYUTIN, Ye.I. [Malutin, I.E.I.]

Deep holes in the Krivoy Rog Basin. Geol. zhur. 24 no.1:102 '64.
(MIRA 18:7)

1. Glavnyy geolog tresta "Krivbasgeologiya".

MALYUTIN, V.N.

Manufacture of neutral sulfite semichemical woodpulp from
hardwoods in Japan, England and Italy. Bum.prom. 37 no.12:
20-25 D '62. (MIRA 16:1)

(Woodpulp industry) (Hardwoods)

MALYUTIN, V.N.

Problems brought forth by life. Bum. prom. 36 no.9:8-10 S '61.
(MIRA 15:1)

1. Glavnyy inzh. Moskovskogo filiala Gosudarstvennogo instituta po
proyektirovaniyu tsellyulozno-bumazhnoy promyshlennosti.
(Paper industry)

MALYUTIN, V.N.

Planners and designers will do the work expected from them.
Bum.prom. 36 no.3:3-4 Mr '61. (MIRA 14:4)

1. Glavnyy inzh.Mosgirobuna.
(Paper industry)

MALYUTIN, V.N.

Manufacture of cardboard for the corrugating medium of cardboard boxes in the U.S.A. Bum.prom. 35 no.4:5-9 Ap '60. (MIRA 13:10)

1. Glavnyy inzhener Moskovskogo filiala Giprobuma.
(United States--Paperboard)

MALYUTIN, V. N.

Production of kraft liner board. Bum.prom. 35 no.2:4-9
#160. (MIRA 13:6)

1. Glavnyy inzhener Moskovskogo filiala Giprobuma.
(United States--Papermaking machinery)
(United States--Paperboard)

MALYUTIN, V. N.

BARANOV, Nikolay Aleksandrovich, inzh.; DOBROVOL'SKIY, Dmitriy Sergeevich,
kand.tekhn.nauk, dots.; IVANOVA, Klavdiya Aleksandrovna, retsenzent;
MALYUTIN, Vladimir Nikolayevich, retsenzent; VASENKO, A.V., red.;
SIDEL'NIKOVA, L.A., red.izd-va; SHITS, V.P., tekhn.red.

[Technology of papermaking] Tekhnologiya bumazhnogo proizvodstva.
Izd. 2-oe, perer. i dop. Moskva, Goslesbumizdat, 1957. 333 p.
(Paper industry) (MIRA 11:5)

HYDLIN, Issak Yakevlevich, kandidat tekhnicheskikh nauk, dotsent; MALYUTIN, V.N., retsenzent; KUL'CHUTSKIY, V.N., retsenzent; VASENKO, A.V., redakter; VOROB'YEVA, N.N., redakter; KARASIK, N.P., tekhnicheskiy redakter.

[Paper-making and finishing machines] Bumagedelatel'nye etdel'-
chnye mashiny. Moskva, Goslesbunizdat, 1955. 303 p. (MLRA 9:5)
(Papermaking machinery)

1. MALYUTIN, V. N.
2. USSR (600)
3. Wood Pulp Industry
4. Recovery of lime in sulfate pulp production. Bum.prom.
21No. 6 - 1952.

9. Monthly List of Russian Acquisitions, Library of Congress, February, 1953. Unclassified.

Translation from: Referativnyy zhurnal, Geologiya, 1957, Nr 10, 15-57-10-14424
p 174 (USSR)

AUTHOR: Malyutin, V. L.

TITLE: The Brown-Coal Deposits of the Southern Urals (the Ural-Caspian and the Southern Ural Basins and the Eastern Ural Brown-Coal Field) [Burougol'nyye mestorozhdeniya Yuzhnogo Urala (Uralo-Kaspiyskiy i Yuzhnoural'skiy basseyny i Vostochnoural'skoye mestorozhdeniye)]

PERIODICAL: Tr. Labor. geol. uglia AN SSSR, 1956, Nr 6, pp 454-464

ABSTRACT: The author gives detailed stratigraphy for the geological section of the Ural-Caspian and Southern Ural Basins and for the extensive Eastern Ural Field. The influence of tectonic-morphological processes, including salt tectonics, on the formation of the coal-bearing formations is minimized. The coal-bearing formations, the coal beds, and the quality of the brown coals are described briefly.

Card 1/1

Ye. G. Martynov

MAIYUTIN, V. L.

25570

O Svyazi Miotsenovoy Uglenosnosti v Zapadnom Predural'ie s Mobil'nym Shel'fom.
[Po Povodu Stat'ii A. S. Khomentovskogo // Predgornnye Vapdiny i Uglenosnost' //
v Zhurn. // Trudy Geol. - Issled. Byuro (Il-vo Ugel'noy Promsti Zap. R-Nov SSSR) //
VYP. 4, 1948. S Predisl. Red. / Trudy Geol.-Issled. Byuro (Il-vo Ugel'noy Promsti
SSSP, Glav. Geol.-Nazved. UPR.), BIP. 5, 1949, s. 27 - 44. - Bibliogr.: 7 Nazv.

SO: LETOFIS No. 34

MALYUTIN, V.L.
CM

PROCESSES AND PROPERTIES INDEX

9

New region of copper ore deposits in the Chkalov District. V. L. Maljutin. *Soviet Geol.* 1940, No. 10, 89-90.
These copper ores contain relatively little Fe, 8-22%; 30% SiO₂; 30-35% S. These newly discovered Elenovka deposits were apparently worked in the Bronze Age.
F. H. Rathmann

ASB-31A METALLURGICAL LITERATURE CLASSIFICATION

MARTYNOV, Valentin Alekseyevich; SELIKHOV, Yuriy Ivanovich;
Prinimali uchastiye: MALYUTIN, V.A.; ILLIS, B.P.;
ZAVARIN, G.D., red.; KUCHUMOVA, K.I., red.

[Panoramic receivers and spectrum analyzers] Panoramnye
priemniki i analizatory spektra. Moskva, Sovetskoe radio,
1964. 407 p. (MIRA 17:12)

MALYUTIN, T.P.

Case of brucellosis treated with sleep. Klin. med., Moskva 30 no.9:
101 Sept 1952. (CML 23:2)

MALYUTIN, T. P.

25845 Malyutin, T. P. Primeneiye Penitsillina Pri Abstsesse Legkogo I
Tyazhelykh Pnevmoniyakh. Sbornik Nauch. Rabot Lechev. Uchrezhdeniy
Mosk. Voen. OZR. Gor'kiy, 1948, S. 209 -13

SO: Letopis' Zhurnal Statey, No. 30, Moscow, 1948

MALYUTIN, S.V.

LITVINOV, V.P.; MALYUTIN, S.V., tekhnik.

Changing the SMT-34 telephone apparatus over to new types of tubes.
Vest.sviazi 17 no.2:6-8 F '57. (MLRA 10:3)

1. Starshiy inzhener Tsentral'noy mezhdugorodnoy telefonnoy stantsii (for Litvinov).
2. Tsentral'naya mezhdugorodnaya telefonnaya stantsiya (for Malyutin)

(Telephone--Apparatus and supplies)

PASHKOV, Aleksandr Nikolayevich; KORSAKOV, Vladimir Petrovich. Frinimali uchastiye: DEM'YANOV, F.M.; MALYUTIN, S.S.; BABKIN, V.I., inzh., retsenzent; KAPOTOV, A.P., red.; KRASAVINA, A.M., tekhn. red.

[Manual for checkers of radio measurement devices] Poveritel'iu radioizmeritel'nykh priborov. Pod obshchei red. F.M. Dem'ianova. Moskva, Voenizdat, 1962. 453 p. (MIRA 15:8)
(Radio measurements--Handbooks, manuals, etc.)

Malyutin, R.S.

AZIZBEKOV, Sh.A.; MUSTAFABEYLI, M.A.; MALYUTIN, R.S.

Structure and genesis of the Gyumushlug polymetallic ore deposit.
Dokl. AN Azerb.SSR 13 no.5:493-497 '57. (MLRA 10:7)

1. Institut geologii.

(Gyumushlug--Ores)

ZAYAS, Yuzef Frantsevich; MALYUTIN, P.I., nauchn. red.

[Intensification and mechanization of technological processes in making sausage products (review of foreign patents)]
Intensifikatsiia i mekhanizatsiia tekhnologicheskikh protsessov proizvodstva kolbasnykh izdelii. Moskva, TsNIIPI, 1964. 53 p. (MIRA 18:6)

GORBATOV, V.M.; MALYUTIN, P.I.; GNOYEVVOY, P.S.; DOLGOVSKIY, V.V.,
otv. za vyp.; MANVELOVA, Ye.S., tekhn. red.

[Fine grinding of meat]Tonkoe izmel'chenie miasa. Mo-
skva, TSentr. in-t nauchno-tekhn. informatsii pishchevoi promysl.,
1962. 21 p. (MIRA 16:4)

(Meat grinders)

MALYUTIN, P.; KURBATOVA, Ye.

Mechanized production line for processing swine and sheep intestines. Mias. ind. SSSR 32 no.3:16-17 '61. (MIRA 14:7)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut myasnoy promyshlennosti.
(Intestines) (Meat industry--Equipment and supplies)

GNOYEVOY, P.; MALYUTIN, P.; LAVROVA, G.

Mechanization of thermal processing of sausages. Mias. ind.
SSSR 32 no.3:13-15 '61. (MIRA 14:7)
(Sausages--Equipment and supplies)

LAVROVA, L.P., kand.tekhn.nauk; VOLOVINSKAYA, V.P.; KRAVCHENKO, N.D.,
starshiy nauchnyy sotrudnik; LEVINA, I.L.I., starshiy nauchnyy
sotrudnik; CHIRYATNIK, V.I., starshiy nauchnyy sotrudnik;
KONAREVSKIY, A.A., starshiy nauchnyy sotrudnik; KRYLOVA, V.V.;
mladshiy nauchnyy sotrudnik; TELEPNEVA, V.P., mladshiy nauchnyy
sotrudnik; MATYTSIN, N.N., inzh.; MALYUTIN, P.I., inzh.

Developing a continuous mechanized preparation of sausage meat
used in the production of cooked sausages. Trudy VNIIMP no.9:
13-39 '59. (MIRA 13:8)

1. Moskovskiy myasokombinat (for Matytsin and Malyutin).
(Sausages)

MALYUTIN, P.

Seminar of specialists in sausage manufacture. Mias.ind. SSSR 34
no.3:26-27 '63. (MIRA 16:7)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut myasnoy promysh-
lennosti.

MALYUTIN, P.

Third Plenum of the Central Administration of the Scientific and Technical
Society of the Food Industry. Mias.ind. SSSR 34 no.1:59-60 '63.
(Meat industry) (MIRA 16:4)

MALYUTIN, P.

Is the 80 liter capacity meat grinder uneconomical? Mias.ind. SSSR 33
[1.e.34] no.2:33 '63. (MIRA 16:4)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut myasnoy promyshlennosti.
(Meat grinders)

IVANOV, N.V.; MALYUTIN, N.K.; FLEISHMAN, A.L.; KARPOV, P.P., inzh.,
retsenzent; SAUTIN, I.A., ekonomist, retsenzent; SHUBNIKOV, A.K.,
prof., doktor tekhn.nauk, red.; TKOCHUN, A.I., red.izd-va;
UVAROVA, A.F., tekhn.red.

[Supplying industries of regional economic councils with materials
and equipment] Material'no-tekhnicheskoe snabzhenie promyshlen-
nosti sovmarkhozov. Moskva, Gos.nauchno-tekhn.izd-vo mashinostroit.
lit-ry, 1961. 307 p. (MIRA 14:6)
(Industrial procurement)

MALYUTIN, Nikolay Kuz'mich
IVANOV, Nikolay Vasil'yevich; MALYUTIN, Nikolay Kuz'mich; FLEYSHMAN, Abram
L'vovich; BURSHTEYN, I.I., retsenzent; DOBODIN, P.V., retsenzent;
MOROZOV, A.N., retsenzent; LYUBOVICH, Yu.O., kandidat ekonomicheskikh
nauk, redaktor; TEMKIN, A.V., redaktor izdatel'stva; UVAROVA, A.F.,
tekhnicheskii redaktor.

[Supply of materials and equipment in machinery manufacturing] Material'-
no-tekhnicheskoe snabzhenie v mashinostroenii. Moskva, Gos.nauchno-
tekhn.izd-vo mashinostroit.lit-ry, 1956. 275 p. (MLRA 10:4)
(Machinery industry)

MALYUTIN, N.I.

Biological role of the inflorescence in the evolution of some
plants. Bot. zhur. 50 no.5:687-689 My '65. (MIRA 18:10)

1. Pitsanik "Marfino" Gosudarstvennogo trasta zelenogo
khozaystva, Moskovskaya oblast'.

MALYUTIN, N.I.

Effect of sowing time on the change of variety indices in larkspur.
Agrobiologia 5:793 S-0 '64. (MIRA 17:11)

1. Pitomnik "Marfino", i Gosudarstvennyy trest zelenogo khozyaystva
Ministerstva kommunal'nogo khozyaystva RSFSR.

MALYUTIN, N.I.

Dependence of the seed yield on the color of flowers. Bot. zhur.
47 no.7:1045-1046 J1 '62. (MIRA 15:9)

1. TSvetochno-dekorativnyy pitomnik "Marfino", Moskva, Mytishchenskiy rayon.
(Larkspur) (Color of flowers) (Fertilization of plants)

MALYUTIN, N.I.

Proliferation of flowers in perennial larkspur (*Delphinium cultorum* Voss.). Bot. zhur. 46 no.11:1699-1700 N '61.

(MIRA 15:2)

1. TSvetochno-dekorativnyy pitomnik Marfino, Moskovskaya oblast'.

(Larkspur)

MALYUTIN, N.I.

History of the cultivation of perennial larkspurs; 18th and 19th
centuries. Bot. zhur. 46 no.4:596-599 Ap '61. (MIRA 14:3)
(Larkspur)

MALYUTIN, N. I.

Abnormalities of plants and their use in floriculture. Bot. zhur.
45 no.5:710 My '60. (MIRA 13:7)

1. Moskovskaya oblast', Krasnopolyanskiy rayon, Marfino.
(Abnormalities (Plants)) (Floriculture)

MALYUTIN, Nikolay Ivanovich; NERONOVA, M.D., red.; PYRKINA, N.F., tekhn.
red.

[Perennial larkspurs] Mnogoletnie del'finitumy. Moskva, Izd-vo M-va
kommun. khoz. RSFSR, 1960. 66 p. (MIRA 14:7)
(Larkspur)

30(1)
AUTHOR: Malyutin, N.I. (Marfino, Moscow Oblast) SOV/26-59-4-29/43

TITLE: Possibilities of Changing the Color of Flowers (Voz-
mozhnosti izmeneniya okraski tsvetkov)

PERIODICAL: Priroda, 1959, Nr 4, pp 110-111 (USSR)

ABSTRACT: The author describes and explains in detail the at-
tempts made by various selectionists, such as Ruys,
Reinelt and Werckmeister, to obtain red-colored
delphinia. However, all different experiments did
not show satisfactory results and up to now the prob-
lem has not been solved. Recently, X-rays have been
used for selection purposes; there are hopes that
this method might lead to success in the near future.

Card 1/1

AUTHOR: Malyutin, N.I. (Marfino, Moscow Oblast') 26-58-5-32/57

TITLE: The Large-Flower or Chinese Delphinium (Krupnotsvetnyy, ili kitayskiy del'finium)

PERIODICAL: Priroda, 1958, Nr 5, pp 103 - 104 (USSR)

ABSTRACT: Delphinium grandiflorum L. and the almost identical Delphinium chinensis Fisch are described, along with foreign varieties, and recommended for cultivation in Soviet towns and village gardens. It is pointed out that there are also frost-resistant varieties for cultivation in Siberia. There is 1 photograph.

AVAILABLE: Library of Congress

Card 1/1 1. Chinese Delphinium - USSR 2. Delphiniums - USSR

MALYUTIN, N.I.; LAPIN. P.I.

Proliferation of inflorescences in daisies. Priroda 46 no.3:128
Mr '57. (MLRA 10:3)

(Daisies)

MALYUTIN, N.I.

MALYUTIN, N.I.

"Delphinium" by A.G.Markov. Reviewed by N.I.Maliutin. Bot.zhur.
42 no.10:1527-1529 0 '57. (MIRA 10:10)
(Larkspur) (Markov, A.G.)

VOZMILOVA, L.N.; MALYUTA, N.G.; KATAYEV, G.A.

Kinetics of dissolution of gallium arsenide in sulfuric and
phosphoric acid solutions of hydrogen peroxide. Zhur.fiz.khim.
38 no.11:2725-2727 N '64. (MIRA 18:2)

1. Tomskiy gosudarstvennyy universitet imeni Kuybysheva.

MALYUTIN, Nikolay Grigor'yevich; BRAGIN, Anatoliy Petrovich, gornyy inzh.; BALIBALOV, I., red.

[Large production of coal in the Kuznetsk Basin] Bol'shoi ugol' Kuzbassa. Kemerovo, Kemerovskoe knizhnoe izd-vo, 1962. 75 p. (MIRA 17:8)

1. Brigadir kompleksnoy brigady shakhty "Chertinskaya-Yuzhnaya", Kuzbass (for Malyutin).

MALYUTIN, N.B.; KOMARSKIY, V.Ya.

Recent aeolian sands in the western margin of the West Siberian Plain
and their commercial significance. Trudy SNIIGGIMS no.25:52-56 '62.
(MIPA 16:4)

(West Siberian Plain--Sand)

CLASSIFICATION	TOP SECRET	TOP SECRET	TOP SECRET	TOP SECRET	TOP SECRET	TOP SECRET	TOP SECRET
ALPHANUMERIC	001	002	003	004	005	006	007
TITLE	<p>Author: <u>Shchegolev, L. I., Shchegolev, L. I., Shchegolev, T. D.</u></p> <p>Class: <u>10, No. 160314</u></p>						
DATE	<p>1965, 30</p>						
ABSTRACT	<p>Author: <u>Shchegolev, L. I., Shchegolev, L. I., Shchegolev, T. D.</u></p> <p>Abstract: <u>High friction alloy, sintered friction alloy, wear resistant.</u></p>						
DESCRIPTION	<p>Author: <u>Shchegolev, L. I., Shchegolev, L. I., Shchegolev, T. D.</u></p> <p>Description: <u>Author certificate has been issued for a sintered, wear-resistant, friction material consisting of 10-20% copper, 4-8% graphite, 2-4% cobalt, 2-10% boron carbide, 2-10% silicon carbide, and 5-10% iron nitride.</u></p>						
ORGANIZATION	<p>Organizational: <u>gosudarstvennogo komiteta po kristalloychnoy tekhnike (Organ- ization Committee on Crystallographic Technology)</u></p>						
REFERENCES	<p>REFERENCES: <u>None</u></p>						
REMARKS	<p>REMARKS: <u>None</u></p>						
NO. REF. COPY	000	000	000	000	000	000	000
DATE	1/1	1/1	1/1	1/1	1/1	1/1	1/1
ENCL.	00	00	00	00	00	00	00
OTHER	000	000	000	000	000	000	000
SUB CODE	NA	NA	NA	NA	NA	NA	NA
ATD PRESS	3209	3209	3209	3209	3209	3209	3209

1. Tulunskiy gidroliznyy zavod.
(Tulun--Sewage--Purification)

MALYUTIN, M.M.; IGASHKEVICH, Ye.B.; NORINA, A.Ye.

Neutralization of hydrelizates with controlled crystallization of gypsum. Gidroliz.i lesokhim.prom.9 no.6:21-22 '56. (MLRA 9:10)

1.Tavdinskiy gidroliznyy zaved.
(Hydrelisis) (Gypsum)

MALYUTIN, M.M.; SHKARUPA, V.A.; IVASHKEVICH, E.B.; BASHLYKOVA, O.M.;
KORINA, A.Ye.

Operations of yeast production without filtration. *Gidroliz.1*
lesokhim. prom. 9 no.3:16-17 '56. (MLRA 9:8)

1. Tvdinskiy gidroliznyy zavod.
(Yeast)

KINZIKHEYEV, A.R.; MALYUTIN, M.G.

Prospecting and conservation of oil pools of the Zay-Karataevskaya
area. Razved.i okh.nedr. 28 no.1:25-29 Ja '62. (MIRA 15:3)

1. Tatarskiy nauchno-issledovatel'skiy institut.
(Romashkino region--Petroleum geology)

ZBYKOVSKIY, N.M., inzh.; MALYUTIN, M.A.

Suppression of coal dust with a foam having a low volumetric ratio. Ugol' 39 no.5:67-68 My '64. (MIRA 17:8)

1. Trest Donetskugol' (for Zbykovskiy). 2. Gosudarstvennyy proyektno-konstruktorskly i eksperimental'nyy institut ugol'nogo mashinostroyeniya (for Malyutin).

MALYUTIN, M.; MATVIYENKO, V.; NAUMCHUK, T.

We are expanding production. *Gidroliz. i lesokhim.prom.* 16 no.1:
30-31 '63. (MIRA 16:2)

1. Tulunskiy gidroliznyy zavod.
(Tulun--Hydrolysis)

MALYUTIN, M.

Determining the viability of plants on the basis of the primary
root system. Nauka i pered. op. v sel'khoz. 9 no.2:44-46 F '59.
(MIRA 12:3)

1. Predsedatel' kolkhoza imeni Suvoreva, Altayskogo kraya.
(Growth (Plants)) (Roots (Botany))

MALYUTIN, K.V.
VELIZHEV, Aleksandr Aleksandrovich; MALYUTIN, K.V., red.; STRNLATSKIY, I.A.,
tekhn.red.

[Forty years of Soviet aviation] 40 let sovetskoi aviatsii. Moskva,
Izd-vo "Znanie," 1958. 59 p. (Vsesoiuznoe obshchestvo po rasporo-
straneniю politicheskikh i nauchnykh znani. Ser. 4, nos.37-38)
(Aeronautics--History) (MIRA 11:2)

Name : MALYUTIN, K.

Remarks : In an article, "Charting the Way to Outer Space", Malyutin, together with Professor Yu. Pobedonostsev, writes in general about the launching of the Soviet's first artificial earth satellite.

Source : P: New Times (Moskva), No. 42, 17 October 1957, pp. 9-10

MALYUTIN, K. V.

MIL', Mikhail Leont'yevich, doktor tekhnicheskikh nauk; ~~MALYUTIN, K.V.~~,
redaktor; GUBIN, M.I., tekhnicheskiiy redaktor

[Helicopters] Vertolety. Moskva, Izd-vo "Znanie," 1957. 38 p.
(Vsesoiuznoe obshchestvo po rasprostraneniю politicheskikh i
nauchnykh znaniy. Ser. 4, no.14) (MIRA 10:9)
(Helicopters)

MALYUTIN, K., inzhener.

Flying tube. Nauka i zhizn' 23 no.8:54 Ag '56. (MIRA 9:9)
(France--Jet planes)

MALYUTIN, K.G.; SMIRNOV, V.M., glav. red.; TOCHILKINA, Yu.T.,
red.; IONIN, V.M., red.; PETROV, M.F., red.

[List of the higher plants of Chelyabinsk Province] Spi-
sok vysshikh rastenii Cheliabinskoi oblasti. Sverdlovsk,
Ural'skii nauchno-issl. inst. Akad. kommun.khoz. 1961. 65 p.
(MIRA 17:9)

SOKOLOVA, N.M.; MALYUTIN, K.G.

"Vegetation of Sverdlovsk Province; geobotanical regions, map,
and description of vegetation" by K.K.Poluiakhtov. Pt.1: Description
of plant formations of forests, meadows, and bogs of the province.
Reviewed by N.M.Sokolova, K.G.Maliutin. Bot. zhur. 46 no.4:594-595
Ap '61. (MIRA 14:3)

(Sverdlovsk Province--Phytogeography)
(Poluiakhtov, K.K.)

MALYUTIN, K. G.

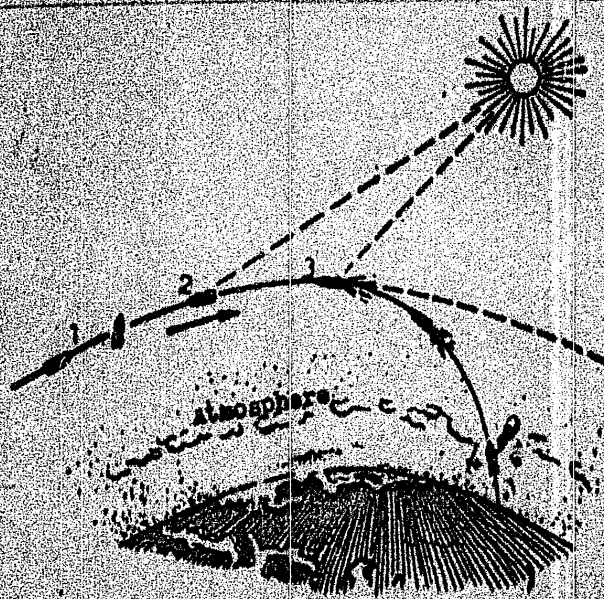
MALYUTIN, K. G. --"Some Aspects of the Mountain Forests of the Khakass-Minusinsk Depression." Smolensk, 1955. (Dissertation for the Degree of Candidate in Biological Sciences.)

So.: Knizhnaya Litopis', No 7, 1956.

AID N° 974-10 22 May

SPACECRAFT HEADING (Cont'd)

8/085/63/000/003/002/002



1 - orbital flight; 2 - orientation
with relation to the sun; 3 - cut-in
of retro engines; 4 - descent of ship.

Card 2/2

MALYUTIN, K.
 AFD Nr. 974-10 22 May

SPACECRAFT HEATING AND REENTRY (USSR)

Malyutin, K. Kryl'ya rodiny, no. 3, Mar 1963, 13-14.

8/085/63/000/003/002/002

The kinetic energy of a "Vostok"-type spacecraft weighing 5 tons as it approaches the atmosphere is equivalent to 400 to 500 fifty-car freight trains travelling at a rate of 70 km/hr. Although the deceleration system significantly decreases velocity, the ship's skin and nose are subjected to intense kinetic heating which can exceed 1000°C. Since no single material can completely satisfy the complex requirements of heat resistance and strength, the skin of a spaceship is laminated with fiberglass, high-temperature phenolic resins, and ceramic coatings in addition to the basic alloy. A spaceship returning from the moon will travel at a velocity approximating second cosmic speed as it approaches the earth. From the elliptical moon trajectory and the subsequent flight around the earth, the spacecraft must enter into an earth orbit preceded by a decrease in velocity to 8 km/sec. The velocity can be reduced aerodynamically by skipping the craft off the denser layers of atmosphere until it enters a circular orbit at the velocity desired. The diagram shows the approximate sequence of a spaceship's descent. [TBT]

Card 1/2

SOV/24-58-8-20/37

The Longitudinal Bending of a Column Beyond the Elastic Limit
comparison with the distance between them.
There are 5 figures and 6 references, 4 of which are
Soviet, 2 German.

SUBMITTED: October 24, 1957

1. Beams--Deformation
2. Beams--Mathematical analysis

Card 2/2

AUTHOR: Malyutin, I. S. (Moscow)

SOV/24-58-8-20/37

TITLE: The Longitudinal Bending of a Column Beyond the Elastic Limit (Prodol'nyy izgib sterzhnya za predelom uprugosti)

PERIODICAL: Izvestiya Akademii Nauk SSSR, Otdeleniye Tekhnicheskikh Nauk, 1958, Nr 8, pp 112-116 (USSR)

ABSTRACT: In earlier work (Ref 1) the author gave equations describing the behaviour of longitudinally compressed columns beyond the elastic limit which were solved by satisfying the equations at one point, in order to obtain qualitative results. In this paper the solution of these equations is obtained by the method of Rubnov-Galerkin assuming the absence of secondary plastic deformations. The first case considered is that of a column of rectangular cross-section in which the material has been linearly hardened. It is assumed that the column is freely supported. The other case considered is that of a column of H-shape cross-section for which the weight of the load-carrying material is assumed to be concentrated at flanges having a small thickness in

Card 1/2

MALYUTIN, I.S., Cand Phys Math Sci -- (diss) "Certain problems concerning the equilibrium of compressed rods and plates beyond the limit of proportionality." Mos, 1958, 7 pp (Acad Sci USSR. Department of Technical Sci. Inst of Mechanics)
150 copies (KL, 27-58, 102)

On the longitudinal bending of columns beyond the limit of proportionality. 24-12-7/24

force exceeds that value curved forms of equilibrium are possible. Equations are given which are sufficient for determining all the unknown values. For a given example, values calculated by means of the approximate formula, Eq.(3.1), derived in this paper are compared with values calculated by Eq.(2.2) disregarding secondary plastic deformations. There are 3 figures and 15 references, 8 of which are Slavic.

SUBMITTED: February 25, 1957.

AVAILABLE: Library of Congress.

Card 2/2

Malyutin, I. S.

AUTHOR: Malyutin, I. S. (Moscow)

24-12-7/24

TITLE: On the longitudinal bending of columns beyond the limit of proportionality. (K prodol'nomu izgibu sterzhnya za predelom proporsional'nosti).

PERIODICAL: Izvestiya Akademii Nauk SSSR, Otdeleniye Tekhnicheskikh Nauk, 1957, No.12, pp.43-46 (USSR)

ABSTRACT: The work of Shanley, F.R. (Refs.1,2) brought about a new formulation of the problem of buckling of compressed elements beyond the limit of elasticity. In this formulation it is assumed that the acting forces increase with increasing sag. On the basis of this approach the equilibrium of rods was investigated by a number of authors, all of whom failed to take into consideration the secondary plastic deformations, the importance of which for the model of a rod was pointed out by Panovko, Ya.G. (Ref.8). In this paper equations are derived describing the behaviour of a rod compressed longitudinally beyond the limit of proportionality, using for the solution an approximate method. It is assumed that the rod has a rectangular cross section and that its ends are freely supported. At a certain value of the force P_0 a branching of the equilibrium occurs and if the

Card 1/2

On the equilibrium of compressed plates beyond the limit of
elasticity. (Cont.)

24-5-17/25
can be obtained which is approximate also for a real strip
(3 and 4). Fig.2 shows the curves of sag vs. external
specific load, the dotted line curve representing unstable
conditions of equilibrium; the maximum load is only about
2 and 3.4% higher than the tangential-modulus load.
There are 2 figures, 6 references, 5 of which are Slavic.

SUBMITTED: February 25, 1957.

AVAILABLE:

Card 2/2

AUTHOR: Malyutin, I. S. (Moscow).

24-5-17/25

TITLE: On the equilibrium of compressed plates beyond the limit of elasticity. (O ravnovesii szhatykh plastinok za predelom uprugosti).

PERIODICAL: "Izvestiya Akademii Nauk, Otdeleniye Tekhnicheskikh Nauk" (Bulletin of the Ac.Sc., Technical Sciences Section), 1957, No.5, pp.118-121 (U.S.S.R.)

ABSTRACT: Lepik, Yu. R. (1) considered the buckling of a long rectangular plate compressed along its short sides beyond the limit of elasticity. His work is analogous to the study made by Shenley, F. (2) and of Rabotnov, Yu. N.(3). Applying the equations of the theory of small elastic-plastic deformations and variations, assuming a constant shear modulus, the author obtained a solution which is correct only for very small deformations and does not reveal certain features of the behaviour of compressed plates beyond the limit of elasticity. To elucidate the qualitative aspect of the phenomenon the author of this paper studies the model of a plate which is analogous to the rod model of Shenley (2) and thereby the author is able to bring out clearly certain features of the behaviour of compressed plates. A solution

Card 1/2

MALYUTIN, I. S.

"One Problem on the Contact of Cylindrical Shells," by I. S. Malyutin, Prikladnaya Matematika i Mekhanika, Vol 100, No 5, Sep/Oct 56, pp 665-666

The author presents a method determining the pressures and deformations which take place in cylindrical shells made of different materials and having different wall thicknesses with one shell being fitted into another at zero clearance between them.

Sum 1219

MALYUTIN, I.S. (Moskva)

One contact problem on cylindrical shells. Prikl. mat. i mekh.
20 no.5:665-666 S-O '56. (MLRA 10:3)
(Elastic plates and shells)

UGORETS, I.I.; LAVRENEKO, K.D.; BONDAREV, N.M.; PLATONOV, N.A.;
ACHEKASOV, D.I.; MKHITARYAN, S.G.; SAVINYKH, A.I.; MALYUTIN, I.P.
VLADIMIROV, P.N.; MOSKOVSKIY, F.A.; GEL'FAND, M.Z.; KARAVAY, N.M.
BESPROZVANNYY, I.A.; KIKINA, M.I.; TREPNIKOVA, Ye.M.

Nikolai Nikolaevich Romanov; obituary. Elek.sta. 27 no.4:63 Ap '56.
(MLRA 9:8)

(Romanov, Nikolai Nikolaevich, 1906-1956)

YERMAKOV, V.S.; SPIRIN, S.A.; CHIZHOV, D.G.; UGORETS, I.I.; LAVRENEKO, K.D.;
SMIRNOV, G.V.; CHUPRAKOV, N.M.; MKHITARYAN, S.G.; ASMOLOV, G.L.;
KOTILEVSKIY, A.M.; MOLOKANOV, S.I.; SYROMYATNIKOV, I.A.; FAYERMAN, S.Ts.;
SOKOLOV, B.M.; KOMISSAROV, Yu.P.; MALYUTIN, I.P.; POBERGAYLO, K.M.;
MORYAKOV, A.V.; MELAMED, M.F.; KUMSIASHVILI, P.G.; GARKAVAYA, L.A.;
LIVSHITS, E.M.; NEKRASOV, A.M.

Moisei Vul'fovich Safro; obituary. Elek.sta. 24 no.11:60 N '53.
(MLRA 6:11)
(Safro, Moisei Vul'fovich, 7-1953)

MALYUTIN, G.P., master

Device for testing insulation of the stator winding of
3 kv. electric motors. Energetik 8 no.1:18-19 Ja '60.
(MIRA 13:5)

(Electric insulators and insulation---Testing)
(Electric motors)

MALYUTIN, G.P., master.

Increased dielectric loss angle of voltage transformer insulation.
Energetik 4 no.6:23-24 Je '56. (MLRA 9:8)
(Insulating oils)

MALYUTIN, G.I.

Fiftieth anniversary of Kuban's firstling. Sakh. prom. 37
no.4:17 Ap '63. (MIRA 16:7)

1. Gul'kevichskiy sakharnyy zavod.
(Kuban—Sugar industry)

KLEYMAN, B.M.; MALYUTIN, G.I.; FLEYSHMAN, L.Ye.

Complete utilization of sugar beets. Sakh.prom. 36 no.5:5-13 1/2
'62. (MIRA 15:5)

1. Gosplan SSSR (for Kleyman). 2. Gul'kevicheskii sakharnyy zavod
(for Malyutin). 3. Tsentral'nyy nauchno-issledovatel'skiy institut
sakharnoy promyshlennosti (for Fleyshman).
(Sugar industry)

MALYUTIN, G.I.

Storage of sugar beets in the Kuban. Sakh.prom. 35 no.4:60-62
Ap '61. (MIRA 14:3)

1. Gul'kevichskiy sakharnyy zavod.
(Kuban--Sugar beets)

MALYUTIN, G. I.

Elimination of organizational shortcomings. Sakh.prom.
34 no.8:7-8 Ag '60. (MIRA 13:8)

1. Gul'kevichskiy sakharnyy zavod.
(Sugar industry)

MALYUTIN, G.I.

For the revision of the sugar-beet supply system. Sakh.izos. 34
no.6:10-11 Je '60. (MIRA 13:7)

1. Gul'kevichskiy sakharnyy zavod.
(Sugar beets--Transportation)