

GORONOV'SKA, M.A. [Horonovs'ka, M.A.]; NADIRASHVILI, G.S.; RYZOVSKAYA, L.B.  
[Rozov'ska, L.B.]

Adhesive for shoe lasting by the gluing method. Leh.prom. no.3:45-  
47 JI-S '63. (MIRA 16:11)

1. Kiyevskaya obuvnaya fabrika No.4 im. 20-letiya Komsomola  
Ukrainy.

NADIRASHVILI, D. G.; CHIKHLADZE, I. A.; TSHTENLASHVILI, T. V.

Production of tritium-labeled  $\alpha$ -aminoacetic acid. Soob. AN Gruz.  
SSR 34 no.3541-544 Je '64 (MIRA 18:1)

1. Submitted October 2, 1963.

*NADIRASHVILI, M.D.*

USTIASHVILI, A.D., professor; NADIRASHVILI, M.D.

Effect of vulcanic mud from the Akhtala spa on ovarian function;  
experimental morphological and clinical findings. Akush. i gin.  
no. 4:65-66 J1-Ag '54. (MIRA 7:11)

1. Iz Nauchno-issledovatel'skogo instituta kurortologii i fiziche-  
skikh metodov lecheniya (dir. kandidat meditsinskikh nauk V.G.  
Gogibedashvili) Ministerstva zdravookhraneniya Gruzinskoy SSR.

(OVARIES, effect of drugs on,  
mud ther., clin. & exper. findings)

(MUD THERAPY,  
eff. on ovaries, clin. & exper. findings)

NAIIVAS' M., S. A.

NAIIVAS' M., S. A.: - "Neuroregulative mechanisms of the stomach of animals in various life periods" (Electrogastrographic research). Moscow, 1971. 100 pages. Order of Lenin, Order of Labor Red Banner Inst of Pediatrics, Acad. Sci. USSR. (Dissertation for the degree of Candidate of Medical Sciences)

SO: Snizhnaya Letopis', No. 40, 1 Oct 55

NADIRASHVILI, S. A.

✓ Determination of surface tension of liquids. S. A. Nadirashvili. U.S.S.R. 103,386, Aug. 25, 1950. A BUBBLE of air is forced through a capillary into the liquid. The pressure of the air in the bubble is regulated so that the size of the bubble at its max. curvature is const. The capillary is provided with a micrometric screw by means of which the pressure is supplied. The bubble is projected on a screen for measurement.

phys

1

M. Hosh

MDIVANI, K.D.; KECHKHUASHVILI, G.N.; NADIRASHVILI, Sh.A.

Discussion on the problem of "readiness" (ustanovka).

Vop. psikhol. 2 no.6:144-152 N-D '56.

(MLBA 10:2)

1. Institut psikhologii imeni D.N. Uznadze Akademii nauk Gruzinskoy SSR., Tbilisi. (for Mdivani)
2. Tbilisskiy gosudarstvennyy universitet imeni I.V. Stalina. (for Kechkhuashvili)
3. Goriyskiy gosudarstvennyy pedagogicheskiy institut imeni N. Baratashvili. (for Nadirashvili).  
(Psychology)

S. A. NADIRASHVILI

MISCELLANEOUS

"An apparatus for Measuring the Surface Tension of Colloidal Solutions," by S.A. Nadirashvili, Institute of Pediatrics of the Academy of Medical Sciences USSR, Voprosy Meditsinskoy Khimii, No 3, May-June 1957, pp 233-237.

The author studied the kinetics of adsorption layer formation in surface-active colloidal solutions by means of an apparatus devised by him. The apparatus consists of four parts: a measuring vessel, a pumping device, a pressure gauge, and an optical mechanism.

With the aid of the apparatus it was possible to obtain curves which characterize the variations of surface tension in the blood serum. A diagram of the apparatus was presented.

The construction of the apparatus is based on the principle of a bubble formed at the end of a glass capillary by means of the pumping device. The bubble is kept in the position of highest curvature, which is verified by the optical mechanism. The effect can be read on the pressure gauge at arbitrary intervals, and charted accordingly.

The apparatus is simple and convenient, since it does not lead to foam formation, which greatly interferes with biological investigations.

SAKVARELIDZE, M.A.; NADIRASHVILI, Sh.A.; MCHEDLISHVILI, G.N.

Bibliography of works of the D.N. Uznadze Institute of Psychology of  
the Academy of Sciences of the Georgian Socialist Soviet Republic.  
Trudy Inst.psikhol. AN Gruz. SSR 11:413-451 '57. (MIRA 12:3)  
(Georgia--Psychology--Bibliography)  
(Bibliography--Georgia--Psychology)



GOTSIRIDZE, A.M., prof., red.; BETANELI, A.M., doktor med. nauk, red.; KHECHINASHVILI, N.N., kand. med. nauk, dots., red.; NADIRASHVILI, S.A., kand. med. nauk, dots., red.; NIKOLASHVILI, D.A., kand. biol. nauk, dots., red.; AKHVLEDIANI, O.M., kand. biol. nauk, dots., red. (Batumi); PICHKHADZE, R.I., st. prepodavatel', red.; CHOKAKHIDZE, D.D., red.; KIPIANI, E.Ya., red.

[Theses and abstracts of the reports presented at the Third Expanded Scientific Conference on Problems of Physiology Dedicated to the 110th Anniversary of N.E.Vvedenskii's Birth] Tezisy i referaty dokladov Rasshirennoi nauchnoi konferentsii po problemam fiziologii, posviashchennaia 110-letiiu so dnia rozhdeniia N.E.Vvedenskogo. Kutaisi, Gos.kor-t vysshego i srednego spetsial'nogo obrazovaniia Soveta Ministrov Gruz.SSR, 1962. 166 p. (MIRA 17:3)

1. Rasshirennaya nauchnaya konferentsiya po problemam fiziologii, posvyashchennaya 110-letiyu so dnia rozhdeniya N.Ye.Vvedenskogo, 3d, Kutaisi-Batumi, 1962. (MIRA 17:3)

NADIRASHVILI, Sh.A.

Some psychological characteristics of the development of  
generalization. Trudy Inst. psikhol. AN Gruz. SSR 14:121-128  
'63.

(MIRA 18:4)

MADIRASHVILI, Sh.A.

Stages of the development of generalization in schoolchildren  
and the problems of their modeling. Vop. psikhol. 10 no.6:72-  
88 N-D '64. (MIRA 18:2

1. Institut psikhologii imeni D.N. Uznadze AN Gruzinskoy SSR,  
Tbilisi.

N. DIRASHVILI, Sh. A.

"Problems of modelling processes of generalization."

report submitted for Symp on Psychological Problems of Cybernetics, E. Berlin,  
3-5 Sep 64.

NADIROV A.

85-53-6-10/43

AUTHORS: Bykov, A., Gadyl'shin, A., Nadirov, A., Engineers

TITLE: "Komsomolets" Airplane (Samolet "Komsomolets")

PERIODICAL: Kryl'ya rodiny, 1958, Nr 6, pp 14-15 (USSR)

ABSTRACT: The authors relate how in May 1957 a group of Komsomol engineers (Bykov, B. Burov, G. Bikulev, Gal'dyshin, Nadirov, V. Mayorov, and V. Ozhegov) and technicians (L. Akinin and I. Zherebtsov) working during their leisure time completed plans for a two-seater jet trainer. This plane was not approved by the pertinent organization because its speed exceeded that intended for this type of machine. The group then designed the Komsomolets, a single-seater jet sports plane for aerial acrobatics and distance record flying. Its flight characteristics are: wing spread 7.8 m.; length of plane 10 m.; height of plane 3.58 m.; wing area 15 m<sup>2</sup>; maximal speed 148 km/hr; landing speed 114 km/hr; flight weight 2,500 kg.; fuel capacity 600 kg. The engineers decided to construct the experimental model themselves in off hours; this was approved by the directors of the plant, its technical council and the Party Committee. There are sketches and a cutaway drawing of the Komsomolets as well as 20 photographs of engineers and builders.

Card 1/1

1. Civil aviation--USSR 2. Airplanes--Design

NADIROV, A.; ALESKEROV, A.; ABDURRAKHMANOV, B.; MAMEDOV, F.G., kand.  
ekon. nauk

[Problems of the distribution of socialist production] Vop-  
rosy razmeshchenia sotsialisticheskogo proizvodstva. Baku,  
Izd-vo AN Azerb.SSR, 1965. 173 p. (MIRA 18:10)

NADIROV, A. A.

NADIROV, A. A.: "The Maknischevan ASSR (economic-geographic characteristics)." Inst of Geograpy, Acad Sci USSR. Moscow, 1956. (DISSERTATION For the Degree of Candidate in GEOGRAPHICAL SCIENCES.)

So: Knizhnaya letopis' No 2L 1960

NADIROV, A.A.

Problems of the development of agricultural production in the  
foothills area of the Nakhichevan' A.S.S.R. Dokl. AN Azerb.SSR  
14 no. 8:655-658 '58. (MIRA 11:8)

1. Institut ekonomiki AN AzerSSR. Predstavleno akademikom AN AzerSSR  
G.A.Aliyevym.

(Nakhichevan A.S.S.R.--Agriculture)



GFATSKIY, L.V., red.; GUSEYNOV, G.T., akad., red.; NADIROV, A.A., kand.  
geogr. nauk, red.

[Materials of the scientific session of the Academy of Sciences of the Azerbaijan S.S.R. dedicated to the future development and distribution of the food industry] Materialy nauchnoi sessii, posviashchennoi perspektivnomu razvitiyu i razmeshcheniu pishchevoi promyshlennosti (28-30 noiabria 1961 g.) (MIRA 17:7)

1. Akademiya nauk Azerbaidzhanskoy SSR, Baku. Institut ekonomiki. 2. Sekretar' otdeleniya obshchestvennykh nauk AN Azerb.SSR (for Guseynov). 3. Zaveduyushchiy otdelom Razmeshcheniya sotsialisticheskogo proizvodstva Instituta ekonomiki AN Azerb.SSR (for Nadirov).

NADIROV, I. N.

"Sovremennye igrnye i piyasovye pesni tatarskogo naroda."

report submitted for 7th Intl Cong, Anthropological & Ethnological Sciences,  
Moscow, 3-10 Aug 64.

НАДИРОВ, Н.К.

USSR/General Problems.

A-

Abs Jour : Ref Zhur - Khimiya, No 10, 1957, 33436

Author : Nadirov, N.K.

Inst :

Title : Excursion to a Lime Plant.

Orig Pub : Khimiya v Shkole, 1957, No 1, 71-72.

Abstract : A methodical article.

Card 1/1

ПОЛОСИН, В.С.; НАДИРОВ, Н.К. (Москва)

Methodology in studying the conditions for chemical equilibrium.  
Khim. v shkole 13 no.1:31-36 Ja-F '58. (MIRA 10:12)  
(Chemical equilibrium--Study and teaching)

POLOSIN, V.S.; NADIROV, N.K. (Moskva)

Decomposition of ammonia at various pressures. Khim. v shkole  
13 no.6:41-43 H-D ' 58. (MIRA 11:12)  
(Ammonia)

POLOSIN, V.S.; NADIROV, N.K.

Method of studying the conditions of ammonia synthesis. Khim.  
v shkole 15 no.1:62-64 Ja-F '60. (MIRA 13:5)

1. Pedagogicheskiy institut imeni Lenina, Moskva.  
(Amonia) (Chemistry--Experiments)

NADIROV, N.K.; STARTSEVA, E.P.

Study of the adsorptive properties of clays. Khim. v shkole  
16 no.2:63-66 Mr-3p '61. (MIRA 14:6)

1. Pedagogicheskiy institut, Khabarovsk.  
(Clay) (Adsorption)

NADIROV, N.K.

Production of sulfuric acid by a contact-liquid process. Khim.  
v shkole 17 no.5:76-77 S-0 '62. (MIRA 15:9)

1. Pedagogicheskiy institut, Khabarovsk.  
(Sulfuric acid) (Chemistry--Experiments)



NADIROV, N.K.; BOBRINETSKAYA, R.V.

Use of acetone in the extraction of soy-bean oil. Izv. vys.  
ucheb. zav.; pishch. tekhn. no.4:58-60 '63. (MIRA 16:11)

1. Khabarovskiy pedagogicheskiy institut, kafedra khimii.

NADIROV, N.K.; STARTSEVA, E.P. [Startseva, Ye. P.]

Adsorption properties of clay. Biol i khim 5 no.1:60-62 '63.

1. Pedagogicheski institut, g. Khabarovsk.

NADIROV, N.K.

Some factors affecting the degree of adsorption of soya oil pigments by tripoli. Izv. vys. ucheb. zav.; pishch. tekhn. no.6:64-66 '63. (MIRA 17:3)

1. Khabarovskiy pedagogicheskiy institut, kafedra khimii.

NADIROV, N.K., kand.khim.nauk; BABIN, P.A.; IVAKHNEKO, P.S.

Spectrophotometric analysis of soybean oil clarified with Far East  
clays of the Pionersk deposit. Masl.-zhir.prom. 29 no.7:16-18  
Jl '63. (MIRA 16:9)

1. Khabarovskiy pedagogicheskiy institut.  
(Soviet Far-East--Clay) (Soybean oil--Analysis)

NADIROV, N.K.

Nickel-titanium hydrogenation catalyst. Kin. 1 kat. 6 no.2:355-356  
Mr-Ap '65. (MIRA 18:7)

1. Khabarovskiy pedagogicheskiy institut.

NADIROV, N.K.

Transmission spectra of refined soybean oil. Vest. AN Yuzskh.  
SSR 21 no.1:57-62 Ja '65.

(MIRA 18:7)

NADIROV, N.K.

Use of natural sorbents for bleaching soybean oil. Trudy  
DV FAN SSSR.Ser.khim. no.7:75-80 '65.

(MIRA 18:12)

NADIROV, N.K.

Adsorptive properties of some natural sorbents of Siberia  
and Far East. Zhur.prikl.khim. 38 no.9:1987-1994 S '65.

(MIRA 18:11)

1. Khabarovskiy pedagogicheskiy institut.



NADIROV, P. V., Cand Geol-Min Sci -- (diss) "Geological research into natural outcroppings of petroleum-bearing layers in Azerbaydzhan and their prospects for open-cut and underground exploitation." Baku, 1960. 19 pp; (Academy of Sciences Azerbaydzhan SSR, Inst of Geology im Academician I. M. Gubkin, Council of the Natural Economy Azerbaydzhan SSR, Joint Azpetroleum, AzNII for the Extraction of Petroleum); 100 copies; price not given; (KL, 25-60, 128)

NADIROV, S.G.; ZEYNALOV, M.M.

New eruption of the Boz-Dag (Kobi) mud volcano, Azerb. neft. khoz.  
37 no.3:9-10 Mr '58. (MIRA 11:8)  
(Boz-Dag Range—Mud volcanoes)

NADIROV, S.G.; MIRZOYEV, R.Kh.

Open-cut mining of Azerbaijan oil fields. Azerb.neft.khoz. 38  
no.1:9-11 Ja '59. (MIRA 12:4)  
(Azerbaijan--Oil fields--Production methods)

NADIROV, S.G.;SALAYEV, S.G.;ZEYNALOV, M.M.

Geological prerequisites for open-pit mining of oil-bearing in the  
Oligocene-Miocene complex in Kobystan. Izv. AN Azerb. SSR, Ser. geol.  
-geog. nauk no.5:39-50 '59 (MIRA 13:3)  
(Kobystan--Petroleum geology)

NADIROV, S.G.

Geological conditions permitting the open pit underground mining  
of some oil fields in Azerbaijan. Trudy AzNII DN no.9:90-98 '60.  
(MIRA 14:5)

(Azerbaijan—Petroleum: mining)

NADIROV, S.G.

Lithophysical characteristics of Azerbaijan oil-bearing beds suitable  
for open pit and underground mining. Trudy AzNII DN no.10:178-185  
'60. (MIRA 14:4)

(Azerbaijan—Oil sands)

NADIROV, S.G.

Comparative evaluation of the commercial importance of Azerbaijan  
oil fields suitable for open hole and underground exploitation.  
Azerb. neft. khoz. 30 no.3(405):8-10 Mr '60. (MIRA 14:9)  
(Azerbaijan--Oil fields--Production methods)

ALL-ZADE, A.A.; AKHMEDOV, G.A.; ZEYNALOV, M.M.; NADIROV, S.G.

Prospects for finding oil and gas in Mesozoic sediments of  
Azerbaijan in the light of new data. Izv.AN Azerb.SSR.Ser.  
geol.-geog.nauk i nefti no.3:3-22 '62. (MIRA 15:12)  
(Azerbaijan—Petroleum geology)  
(Azerbaijan—Gas, Natural—Geology)



SOV/139-58-5-22/3

AUTHORS: Tonkonogov, M.P. and ~~Nadirov~~, E. G.

TITLE: Mechanism of High-Frequency Heating of Coal (Mekhanizm vysokochastotnogo nagreva ugley)

PERIODICAL: Izvestiya vysshikh uchebnykh zavedeniy, fizika, 1958, Nr 5, pp 111-112 (USSR)

ABSTRACT: The paper was presented at the Conference of Higher Education Establishments on Dielectrics and Semiconductors, Tomsk, February, 1958. High-frequency heating of coal could be applied in coking. Such a possibility was investigated on coal from Karaganda. The electrical conductivity of this coal varies around  $10^{-8}$  ohm<sup>-1</sup> cm<sup>-1</sup>. Magnetic heating in substances with such low electrical conductivity is very small and can be safely neglected even at high frequencies and strong fields. To evaluate the possibility of heating by alternating electric fields the authors measured the loss angle as a function of frequency using a Q-meter KV-1 and mercury electrodes. The maximum of tan  $\delta$  (Fig.1) is accompanied by a fall of permittivity. The value of tan  $\delta$  at its

Card 1/2

7139-58-5-22/35

Mechanism of High-Frequency Heating of Coal

maximum near 300 kc/s is of the order of unity. It follows that in the region near 300 kc/s dielectric heating should be very effective and this frequency can be recommended in experiments on coking of coal. There is 1 figure and 1 Soviet reference.

ASSOCIATION: Karagandinskiy gornyy institut (Karaganda Mining Institute)

REMITTED: April 7, 1958.

Card 2/2

SOV/139-58-5-23/35

AUTHORS: Tonkonogov, M.P. and Nadirov, Y.E.G.

TITLE: Characteristics of Mechanical Break-Up of Coal in Strong Electric Fields (Kharakteristiki razrusheniya ugley v sil'nykh elektricheskikh polyakh)

PERIODICAL: Izvestiya vysshikh uchebnykh zavedeniy, fizika, 1958, Nr 5, pp 113-114 (USSR)

ABSTRACT: The paper was presented at the Conference of Higher Education Establishments on Dielectrics and Semiconductors, Tomsk, February, 1958. The authors measured the electrical conductivity and permittivity of coal from Karaganda. The electrical conductivity was about  $10^{-8} \text{ ohm}^{-1} \text{ cm}^{-1}$  and varied within one order of magnitude. Permittivity was measured at the power frequency with an NIE-1 instrument and at high frequencies by means of a KB-1 Q-meter. Fig.1 shows a dielectric constant (permittivity) as a function of frequency; its value varies from 21-34 with a maximum near 100 k/cg. The authors studied also electrical breakdown of coal in water. The breakdown occurs first in water and the discharge

Card 1/3

1971-03-1-13/55

Characteristics of Mechanical Break-Up of Coal in Strong Electric Fields

channel becomes a source of a shock wave which breaks up the coal ~~sample~~. The mechanism of formation of the shock wave is similar to that observed in gases and described by Drabkina (Ref.3). Electrical breakdown of coal in water breaks up coal but can be used only for small lumps. Electrical breakdown of coal in air does not break it up mechanically but simply produces a narrow discharge channel in it. The authors obtained the following values of electric strength on application of a uniform constant electric field:

Thickness of sample in mm	Electric strength in V/cm
3.11	$2.4 \times 10^5$
2.87	$2.48 \times 10^5$
1.66	$1.67 \times 10^5$
1.83	$1.67 \times 10^5$

SOV/139-58-5-23/35  
Characteristics of Mechanical Break-Up of Coal in Strong Electric  
Fields

There are 1 figure, 1 table and 3 Soviet references.

ASSOCIATION: Karagandinskiy gornyy institut (Karaganda Mining  
Institute)

SUBMITTED: April 7, 1958.

Card 3/3

BUKETOV, Ye.A.; MEKLER, L.I.; NADIROV, Ye.G.; PASHINKIN, A.S.; TROFIMOVA, L.D.

System tellurium - tellurium dioxide. Zhur.georg.khim. 7 no.1:224-225  
Ja '64. (MIRA 17:2)

NADIROV, Ye. T.

M.P.Tonkonogov, and Ye. T. Nadirov (Karaganda Mining Institute)

"The destruction of coal by an electrohydraulic shock"

Report presented at a Conference on Solid Dielectrics and Semiconductors,  
Tomsk Polytechnical Inst., 3-8 Feb. 58.  
(Elektrichestvo, '58, No. 7, 83-86)

NADIROV, Yu., polkovnik, kand. voyennykh nauk; KHABAROV, B., polkovnik, kand.  
voyennykh nauk

Operational skill and its meaning. Voen. znan. 35 no.9:35-36 S '59.  
(MIRA 12:12)  
(Military art and science)



NADIROVA, I. M., Cand Biol Sci -- (diss) "Functional morphology of yeast organisms in drying and deep freezing (on the problem of the anabiotic <sup>stati</sup> ~~condition~~ of the cell)."  
Mos, 1957. 20 pp (Inst of Microbiology, Acad Sci USSR),  
120 copies (KL, 52-57, 105)

- 30 -

NADIROVA, M.N.

11 (A) PHASE I BOOK EXPLOITATION 50V/2925  
Baku. Azerbaydzanskiy nauchno-issledovatel'skiy institut nefte-  
pererabatyvayushchey promyshlennosti imeni V. V. Kuybysheva.  
Sbornik tretyov, vyp. 2. (Collection of Works, No. 2) Baku,  
Asrefteiskot, 1948. 373 p. Errata slip inserted. 500  
copies printed.

Additional Sponsoring Agency: Azerbaydzhan. Ministerstvo neftyanoy  
promyshlennosti.  
Ed. of Publishing House: T. B. Altun; Editorial Board: V. S. Aliyev,  
Candidate of Chemical Sciences, V. S. Gulyeva, Doctor of Chemical  
Sciences, A. M. Kulliyev, Doctor of Chemical Sciences, M. M. Indukov,  
Candidate of Technical Sciences, P. G. Sul'yev, V. A. Masuzhan, Candidate of  
Chemical Sciences, A. M. L'vovich, Candidate of Technical  
Sciences, M. M. Melik-Zade, Candidate of Chemical Sciences, M. B. Al-  
iev, Candidate of Chemical Sciences, I. M. Gudzinska, Candidate  
of Chemical Sciences.

PURPOSE: This collection of articles is intended for chemical  
engineers, scientists, and refiners concerned with advanced  
methods of petroleum conversion.

COVERAGE: The collection presents an analysis of different  
types of crudes extracted in Azerbaydzhan and of the products  
recovered from these crudes through petroleum conversion  
processes. The demeriting, desulfurizing and demulsifying of crudes  
is described and the suitability of these crudes for the  
recovery of diesel fuels is discussed. Results of catalytic  
analysis performed over a fluidized bed synthetic catalyst  
stage are given. The chemical composition of gasoline fractions  
obtained by catalytic cracking are analyzed. Attrition and deactiva-  
tion of catalysts as well as catalyst circulation in a hyper-  
flow system are discussed. Various lube oil additives in a hyper-  
flow system are discussed. The production of different types of oils and of carbon black  
are outlined. References to company individual articles,  
Masuzhan, V. Ya., M. E. Danilovskiy, K. I. Antonova, E. M. Sul'tanov,  
and S. Arashnov. Preliminary Treatment of Baku Crudes for  
Refining

Agayeva, S. M., V. V. Yemetskikh, A. G. Ismailov, A. V. Radinov  
(deceased), V. A. Masuzhan, M. M. Indukov, A. R. Bakhmatov,  
(deceased), V. A. Kulliyev, Azerbaydzhan  
Source for Diesel Fuels 16

Maslov, A. B., V. S. Gulyeva, and D. I. Zulfussely. Effect of  
Certain Conditions of Catalytic Cracking Performed over a Fluidized  
Synthetic Silica Alumina Catalyst on the Formation of Aromatic  
Hydrocarbons in Gasoline 30

Card 3/8

AGAYEVA, S.M.; KUPRIYANOVA, L.A.; NADIROVA, M.H.

Comparison of laboratory methods for evaluating the motor qualities  
of diesel fuel. Sbor.trud.Az NII NP no.4:23-28 '59. (MIRA 15:5)  
(Diesel fuels--Analysis)

L 23007-66 ENT(m)/T DJ/WE

ACC NR: AF6007670

(A)

SOURCE CODE: UR/0413/66/000/003/0043/0043

AUTHOR: Terteryan, A. B.; Ivanyukov, D. V.; Agayeva Aga-Kyzy, S. M.; Grachev, D. S.; Yermokhin, Y. V.; Ismailov, A. G.; Kupriyanova, L. A.; Nadirva, M. M.; Terteryan, S. A.

24  
B

ORG: none

TITLE: Deparaffination of distillate petroleum products. // Class 23, No. 178436

SOURCE: Izobreteniya, promyshlennyye obraztsy, tovarnyye znaki, no. 3, 1966, 43

TOPIC TAGS: deparaffination, petroleum product, petroleum refining

ABSTRACT: An Author Certificate has been issued for a method describing the dewaxing of petroleum products using carbamides. The carbamide is introduced in the form of a solution in isopropyl alcohol during the process for separating normal paraffin hydrocarbons. The latter is carried out without the use of filters. [LD]

SUB CODE: 11/ SUBM DATE: 11Jul57

Card 1/1 *pla*

UDC: 665.345.3:547.495.2

2

ALEKPEROV, I.I., kand. med. nauk; KNABENGOF, V.G., kand. med. nauk;  
NADIROVA, N.F.; nauchnyy sotrudnik.

Clinical aspects of the vibration disease. Azerb. med. zhur.  
42 no. 7:65-67 J1 '65 (MIRA 19:1)

1. Iz Nauchno-issledovatel'skogo instituta gigiyeny truda i  
professional'nykh zabolevaniy imeni Efend'yeva Ministerstva  
zdravookhraneniya Azerbaydzhanskoy SSR direktor- dotsent  
I.G. Samedov).

MURADYAN, G.T.; NADIROVA, N.T.

Treatment of the diseases of peripheral nerves by painful  
stimulation of short duration. Zhur. eksp. i klin. med.  
3 no.1:73-78'63. (MIRA 16:10)

1. Klinika nevrologii i neyrokhirurgii Yerevanskogo meditsin-  
skogo instituta.  
(NERVES, PERIPHERAL — DISEASES)

L 27608-66 EWT(m)

ACC NR: AP6018420

SOURCE CODE: UR/0020/66/166/002/0472/0475

AUTHOR: Ugolev, A. M.; Iyegaitova, N. N.; Nadirova, T. Ya.; Timofeyeva, N. M.

3/29/8

ORG: Institute of Physiology im. I. P. Pavlov, AN SSSR (Institut fiziologii AN SSSR)

TITLE: Digestive functions of intestinal epithelium in connection with serious radiation injuries 19

SOURCE: AN SSSR. Doklady, v. 166, no. 2, 1966, 472-475

TOPIC TAGS: radiation injury, digestive system, radiation biologic effect, pathogenesis, enzyme, polysaccharide, hydrolysis

ABSTRACT: The authors determined the enzymatic activity of the surface of the intestine, intestinal homogenates and the contents of the intestine in irradiated rats (1,150 r.). Invertase, peptidase and amylolytic activity in control animals and in rats 4, 24, 48, and 72 hours after irradiation was studied. The results led the authors to suppose that defects in digestion near the wall of the intestine are significant in the pathogenesis of the disturbances resulting from severe radiation injuries. The almost complete suppression of invertase activity in homogenates and intact intestinal sections indicates that not only synthesis but also translocation of this enzyme to the surface of the cell is disrupted. In the case of dispeptidases, it is the latter process which is mostly affected, since there is no important

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Card 1/2

UDC: 612.33+616.001.28

L 27608-66

ACC NR:AP6018420

2

change in the store of the enzyme in intestinal cells. The level of amylolytic activity of the contents of the intestine was considerably higher than normal which indicates that digestion in the intestinal cavity is less affected than digestion along the wall. But in spite of the high content of amylase in the intestine, its activity on the surface was almost nil. This weakening of the processes of adsorption of pancreatic enzymes by intestinal cells must result in a disruption of hydrolysis of polysaccharides along the wall. The paper was presented by Academician V. N. Chernigovskiy on 6 March 1965. The authors thank O. V. Malinovsky and O. V. Ivanov for their valuable advice and assistance. Orig. art. has: 3 figures. [JPRS]

SUB CODE: 06 / SUBM DATE: 25Jan65 / ORIG REF: 001 / OTH REF: 009

Card 2/2 CC



NADIROVA-UDEL'NOVA, I.M.

Effect of the conditions of cultivation before drying and subsequent storage on changes in the viability of dry yeast organisms. Trudy Instgen. i sel. AN Azerb. SSR 2:139-147 '62.

(MIRA 16:2)

(Yeast)

NADIRYAN, V.

An outstanding efficiency promoter of the Republic. Prom.Arm.  
4 no.6:45-46 Je '61. (MIRA 14:8)  
(Kirovakan--Chemical industries)

ИИДИК ЯНТС, L. 111

FRASE I BOOK REFERENCE SOV/994

Emery, P.J., Candidate of Technical Sciences, Docent, MA.

Prudnyy Gory Korki (Advanced Experience in Forging) (Leningrad) Leningrad, 1959. 246 p. 3,000 copies printed.

Ed.: Ye.Y. Yemsi'yamov; Tech. Ed.: I.M. Filimonov.

Notes: This collection of articles is intended for workers and engineers in die-forging shops and for personnel of affiliated branches in the machine industry.

CONTENTS: The articles deal with the advanced experience of a number of Leningrad plants in mechanizing and improving production methods in die forging. Recommendations are made concerning the specialization of forging shops. Recommendations are made concerning the specialization of forging shops and the further development of open-die forging processes. Articles by operators-innovators in forging shops of the Kirov-Emersonskiy (New Erasmovskiy) and Ural'skiy (Ural) machinery plants are included. The collection contains some of the papers which were discussed during the conference in June 1958 (P.V. Emery, Chairman) on open-die forging, called by the regional section for the improvement of metals of the Leningradskoye Pravilnoye mashinostroitel'skoye obshchestvo (Leningradskoye Pravilnoye mashinostroitel'skoye obshchestvo) (Leningrad) Administration of the scientific and technical society of the Machine Industry and the engineering society for machinotekhnicheskoy propagandy (Leningrad House of Scientific and Technical Propaganda). The foreword includes a list of the participants who submitted papers to the aforementioned conference. There are no references.

Refinitskiy, V.G., Chief Process Engineer, increasing comp. rating of forgings from alloy-iron ingots 52

Advanced Experiences in Forging 52

Chernov, Yu.L., Engineer. Hot Pressing of Steel Ingots Instead of Forging Them 79

Galkov, P.J., Chief of Section. Improving the Press-Forging Processes 86

Muyagin, B.P., Operator-Innovator. Making Large Forgings With Reduced Dimensions and Risks of Defects From the Given Dimensions 96

Shumovskiy, S.I., Engineer, V.I. Kuznetsov, Candidate of Technical Sciences, and V.K. Plesner, Engineer. New Methods of Making Hydro turbine Shafts 103

Trifunov, B.A., Senior Foreman. Experiences in the Operation of a 12,000-ton Forging Press 116

Alsholov, V.M., Operator-Innovator, Hero of Socialist Labor. Experience in Promoting Efficient Forging Processes on a 1000-ton Press 134

Rozhnov, S.A., Deputy Chief of Shop, and S.M. Zakhin, Engineer. From the Experiences of the Leningradskiy Metallicheskiy Zavod (Leningrad Metal Plant) in Forging-Shop Operation 146

Rizayev, P.J., Chief of Section, M.B. Savitskiy, Engineer, and T.K. Olyepko, Operator-Innovator. Advanced Experience of the Forging Operation at the Ural Plant. 178

Amesov, B.I., Chief Process Engineer, Forging Shop. Examples of Promoting Efficiency in the Hot-Forging Processes 206

Belitskiy, I.M., Engineer. Promoting Efficiency in the Drop-Forging Process 224

Serafimovich, M.M., Operator-Innovator. Examples of Promoting Efficiency in the Production of Small Forgings 234

AVAILABLE: Library of Congress

Card 4/A

TR/hrs/hrs  
4/28/61

7

NADIR'YANTS, N.M.

Diagnosis and treatment of appendicitis. Voen.-med.zhur. no.6:28-33  
Je '51. (MLRA 9:9)

(APPENDICITIS)

L 20362-66 EPF(n)-2/EWP(t) IJP(c) JD/JG,LHB

ACC NR: AP6012040

SOURCE CODE: BU/0011/65/018/003/0207/0210

AUTHOR: Nadjakov, E.; Genchev, D.ORG: Institute of Physics, BANTITLE: L sub beta 1 line of Mo and Nb and the L sub alpha 1,2 line of zn in compounds

SOURCE: Bulgarska akademiya na naukite. Doklady, v. 18, no. 3, 1965, 207-210

TOPIC TAGS: molybdenum, niobium, zinc, x ray spectrum, chemical bonding, emission spectrum, absorption spectrum

## ABSTRACT:

X-ray spectra reflect changes in the physical and chemical state of a substance all the more strongly, the more outwardly the electronic level they include. The L and M X-ray spectra of the elements are, therefore, of particular interest for the explanation of the character of the chemical bond. A number of papers (see, e.g., P. Callon, C. R. Acad. Sci., 248, 1959, 2085; M. A. Blokhin, V. F. Demekhin, I. G. Shveytser, Izv. AN SSSR, Ser, fiz., 28, 1964, 854) have been devoted to the L emission and absorption spectra of elements with an unfilled 4d shell, in particular Mo and Nb.

The present work contains experimental data on the displacement of L  $\beta_1$  of Mo in chemical compounds  $MoO_3$ ,  $Na_2MoO_4$ ,  $H_2MoO_4$ , and  $MoS_2$ , of L  $\alpha_1$  of Nb in  $Nb_2O_5$ , and of L  $\alpha_{1,2}$  of Zn in ZnO and ZnS (sphalerite). This paper was presented by Academician G. Nadjakov on 19 November 1964. The author thanks M. Ivan Yordanov for his valuable assistance in measurements and in elaborating the experimental material. Orig. art. has: 3 tables. [JPRS]

SUB CODE: 07 20 / SUBM DATE: none / OTH REF: 005 / SOV REF: 012

Card 1/1

DEYEV, M.Ya., master; YELCHEV, G.A., slesar'; SNIGIREV, F.I., slesar';  
NEKRASOV, V.G., slesar'; NAD'KIN, N.A., mashinist elektrovoza;  
OSHIVALOV, A.V., mashinist elektrovoza; PANCHEENKO, P.M., mashinist  
elektrovoza.

Brush-holder units must be improved. Elek.i tepl.tiaga 2 no.4:6-7  
Ap '58. (MIRA 12:3)

1. Elektromashinnyy tsekh depo Zlatoust Yuzhno-Ural'skoy dorogi (for  
Deyev). 2. Depo Zlatoust-Yuzhno-Ural'skoy dorogi (for all except  
Deyev).

(Electric brushes) (Electric railway motors)

POPOV, L.; NADKOV, M.; SAMSONOVA, S.

A new method of asepsis in surgical practice. Suvrem. med., Sofia 9 no. 6:  
40-47 1958.

1. Iz Kozhno-venericheskata klinika pri VMI--Sofia (Direktor: prof. L.  
Popov).

(RESINS

resin of styrax benzoides with mercuric oxycyanide for surg.  
asepsis (Bul))

(ANTISEPTICS, MERCURIAL

mercuric oxycyanide with resin of styrax benzoides for surg.  
asepsis (Bul))

(CYANIDES,

same)

(ANTISEPSIS AND ASEPSIS

surg. asepsis with resin of styrax benzoides & mercuric  
oxycyanide (Bul))

NADLER, M.      Locating storm centres by radio direction-finding methods.

M. Nadler. Slaboproudý Obzor, 15, No. 2, 56-63 (1964) In Czech. Two systems used in locating the position of atmospheric disturbances are described and compared. It is thought that the French-Swiss narrow-beam direction finding recorder is superior to the British-American system (main station+three instantaneous direction finders), since it (1) provides a permanent record, (2) works automatically, (3) estimates the intensity of a storm and (4) gives greater accuracy. It is suggested that the narrow-beam system can be improved by synchronizing the recording drums of the main and auxiliary stations and by transmission of the signals received by the auxiliary finders, together with appropriate time co-ordinates, to the base station. Improvement in the British-American system may be achieved by transmitting the data received by the auxiliary stations, with synchronizing and calibrating pulses, to the main station. 35 references are given.

R. S. Sidorowicz

LL



NADLER, M.

Electronic counters for industrial purposes. p. 29<sup>7</sup>.  
SLABOPROUDY OBZOR, Prague, Vol. 15, no. 7, July 1954.

SO: Monthly List of East European Accessions, (EEAL), LC, Vol. 5, No. 6,  
June 1956, Uncl.

NADLER, M.

Julius Strnad's Thyratrony (Thyratrons); a book review p. 587.  
SALBOPOUDY OBZOR, Vol. 15, No. 12, Dec. 1954, Prague.

SO: Monthly List of East European Accessions, (EEAL), LC, No. 5, No. 6, June 1956 Uncl.

WADLER M.

031.974.3

3098. GRAPHICAL DESIGN OF BISTABLE CIRCUITS FOR  
PRE-ASSIGNED STATIC OPERATING CONDITIONS.

M. Nadler.

*Radio Engng. Electron. Phys.*, Vol. 12, No. 11, 1968 (1965) in Czech.

Consider an Eccles-Jordan circuit in which the grid biasing resistances are returned to a negative supply. It is assumed that a certain output anode voltage is required and the anode current is limited to a value consistent with a long expected life for the valve; the circuit must be very stable. The graphical method is used to find the actual valve biasing resistances and the value of the anode supply voltage divider resistances. The parameters of the circuit are calculated. A second approximation is carried out, in which preferred resistor values are employed.

R. S. Sidorov

NADLER, M.

2

6445. A HIGH-SPEED ELECTRONIC ARITHMETIC UNIT FOR AUTOMATIC COMPUTING MACHINES, M. Nadler.

ACA Tech. (Prague), Vol. 1, No. 6, 464-70 (1959).  
Algorithms and basic logical design for a proposed high-speed parallel electronic arithmetic unit are given. 64-bit words represent either a signed 54-bit floating point number or a 3 + 1 address instruction. Operations provided are addition (9 μs), multiplication (23 μs), division (23 μs) and square root (optional, 23 μs) based on 6-phase 1 Mc/s clock pulses; each operation occupies a fixed time and includes a second check calculation using complements; each word includes a parity check bit. Physical realization would require 1500 toggles and 25000 diodes, the circuits being of 1/2 direct-coupled latching type with three-stage diode input matrices. Decrease of the memory access time from 5 μs to 2 μs would increase the mean computer speed from 40000 to 20000 operations per second. The total addition time including shifts, normalizing and checking is limited to 3 cycles by separating the adding and carrying processes, combining pyramidal with anticipating carry, and using binary stepped shifts of 1, 2, 4, 8, 16 and 32 places. Multiplication, division and square root forming, using much equipment in common, are also speeded by using a separate carry register which is being cleared continuously throughout the operation, and by extensive use of short cutting. Negative numbers are represented by ones complements with end-around-carry.

G.A. Montgomerie

*[Handwritten signature]*

NADLER, V.

Electronic analogy for the relay in logical circuits. p. 45.  
(STROJNA ZPRACOVANI INFORMACI, Vol. 4, 1956, Praha, Czechoslovakia)

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

NADLER, M.

Division in digital machines by the method of radices. p. 79.  
(STROJE NA ZPRACOVANI INFORMACI, Vol. 4, 1956, Praha, Czechoslovakia)

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

NADLER, N.

A six-phase arithmetic unit based on radix division. p. 103.  
(STROJE NA ZPRACOVANI INFORMACI, Vol. 4, 1956, Praha, Czechoslovakia)

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

NADLER, ZS.; BOGNAR, J.

Use of Metanil Yellow, Astrazon Blue G, Xylene Blue VS and  
Setoglaurine as indicators in ceriometry. In German. p. 51.  
ACTA CHEMICA. (Magyar Tudományos Akademia) Budapest.  
Vol. 10, no. 1/3, 1956.

SOURCE: East European Accessions List (EEAL) Library of Congress,  
Vol. 9, No. 12, December 1956.



NADLER, M. (Praga)

On the use of operational calculus for the large-signal solution  
of transients in servomechanisms with saturable amplifiers.

Avtom. i telemekh. 17 no.5:467-470 My '56.

(MLRA 9:8)

(Magnetic amplifiers) (Calculus, Operational)

(Servomechanisms)

Nadler, M.

621.375.232.5

2219. CATHODE FOLLOWER AS A VERSATILE AMPLIFIER.

M. Nadler

Staboprouny Obzor, Vol. 17, No. 8, 138-42; No. 9, 494-500 (1958)  
In Czech.

Accurate formulae, taking into account the more important stray capacitances, are derived for the output voltage, and the input and output impedances of a linear cathode follower. Low- and high-frequency characteristics of the device are investigated. It is shown, by considering the complete equivalent circuit, that with capacitive loads the system can be quite unstable. The effect of amplitude pulse operation of the cathode follower is investigated, the valve being cut off, the negative edges are appreciably slowed down. The problems of designing the cathode follower for symmetrical or pulsed operation are discussed. A number of special cathode-follower circuits is shown.

R.S. Sidorowicz

Handwritten scribbles

NADLER, M

Nadler, M.

Nadler, M. Cathode follower, a versatile amplifier. (Conclusion) p. 494.

Vol. 17, no. 9, Sept. 1956  
SLABOPROUDY OBZOR  
TECHNOLOGY  
Czechoslovakia

So. East European Accessions, Vol. 6, May 1957  
No. 5

Nadler, M.

Nadler, M. On the utilization of operational calculus in  
the investigation of transition processes in servomechan-  
isms that have an amplifier with saturation. Avtomat.  
1. Telemekh. 17 (1956), 467-470. (Russian)

3  
Flynn  
M  
R  
M

1967, p.

"Introduction to digital computers. Pt. 1. A survey of the types of computers."

p. 109 (Aplikace Matematiky, Vol. 2, no. 6, 1967, Praha, Czechoslovakia.)

Monthly Index of East European Resolutions (MEER) 11, Vol. 7, no. 6, June 1967.

NADLER, M.

Miniature heads for magnetic pulse recording.

p. 103 (STROJE ZPRACOVANI INFORMACI) Vol. 5, 1957,  
Praha, Czechoslovakia

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

NADLER, M.

Division by digital computers according to the radix method.

p. 293 (STROJE ZPRACOVANI INFORMACI) Vol. 5, 1957,  
Praha, Czechoslovakia

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

NALLER, MORTON.

TECHNOLOGY

NALLER, MORTON. Oscilograficka mereni. Prel. Vladimir Stacek. Praha, Statni nakl. technicke literatury, 1958. 190 p.

Monthly List of East European Accessions (SERIALS) LC, Vol. 8, no. 3, March, 1957. Encl.



16.6800

S/C44/62/000/002/070/092  
C111/C222AUTHOR: Nadier, Morton

TITLE: Equi-distant codes (E-codes) and their construction

PERIODICAL: Referativnyy zhurnal, Matematika, no. 2, 1962, 53,  
abstract 2V502. ("Stroje zpravov. inform.", 1959, no. 6,  
61-70)

TEXT: Considered are equi-distant binary codes (E-codes), i. e., codes in which an arbitrary pair of signals is situated at the same distance  $d$ . A new geometrical interpretation is suggested in addition to the usual interpretation of signal systems through the corners of an  $n$ -dimensional Euclidian unit-cube. A recurrence method to construct an E-code is given. It is exemplified by a 15 digit code with the code distance 4, which is obtained by combining a 3 digit E-code with a code distance 2 and 4 digit complementary code. The latter consists of 4 signal pairs. In each pair there appear signals having the form

$$a_1, a_2, a_3, a_4 \text{ and } 1-a_1, 1-a_2, 1-a_3, 1-a_4$$

that is, signals having a distance from each other that is equal to the number of their digits, while signals from different pairs have Card 1/2

S/O44/62/000/002/070/0;2  
C111/0222

Equi-distant codes (E-codes) ...

the distance 2 from each other. To each signal of one and the same pair is added one and the same signal of the 3 digit code. It is found that the equi-distant codes can be used as well as the usual self-correcting codes to correct the error resulting from the magnetic tape of memory cells in computers. It is pointed out that the use of equi-distant codes has a number of advantages over the usual self-correcting codes.

[Abstracter's note: Complete translation.]

Card 2/2

PHASE I BOOK EXPLOITATION

CZECH/4855

Nadler, Morton, and Vilém Nessel

~~XXXXXXXXXXXXXXXXXXXX~~  
Elektronkový osciloskop (Cathode-Ray Oscilloscope) 2d ed. enl. Prague, SNTL, 1960.  
275 p. (Series: V řadě elektrotechnické literatury) 2,700 copies printed.

Reviewer: Jindřich Forejt, Doctor of Natural Sciences, Docent; Tech. Ed.: Marie Králová; Chief Ed.: František Kašpar, Engineer, Doctor; Resp. Ed.: Ota Karen, Engineer.

PURPOSE: This book is intended for all persons who use cathode-ray oscilloscopes as measuring instruments, i.e., technical personnel in communications, electrical and mechanical engineering, in automation and computer fields, and also for chemists, biologists, doctors, and others. It may also serve as a useful manual for designers and constructors of oscilloscopes and as a valuable textbook for students in industrial schools and in schools of higher education.

COVERAGE: The book deals with the problems of design and construction of cathode-ray oscilloscopes. It explains the function of their basic components, such as cathode-ray tubes, time bases, and amplifiers, and examines the equipment of

Card 1/15

KAS'YANOVA, A.A.; LABAZNIKOV, A.F.; NADLER, Ya.S.; SOPMAN, A.S.

New material for prosthetic devices. Ortop.travm. i protez. 20  
no.2:47-48 F '59. (MIRA 12:12)

1. Iz Moskovskogo protezno-ortopedicheskogo zavoda im. K.Marksa  
(dir. - V.P. Nikiforov).

(PROSTHESIS

laminated polyamide material (Rus))

NADLER, Z

✓ 2185. The use of Mofanit yellow, Astral blue, Xylene blue and Setoglauca in cerimetry. J. Bandy and Z. Nadler (Rikosi Művelési 1983-84 Tech. Univ. Hungary Budapest, Miskolc, Hungary) Magyar Kém. Foly. 1985, 61 (11), 372-376.

The use of Mofanit yellow (I) [4-(3-sulphobenzenazo)diphenylamine, sodium salt] and Astral blue G (II) (an ethyl or ethoxy derivative of triaminotriphenylmethane) in cerimetric titrations is described. II has a colour change at + 0.72 V (vs. the S.C.E.), which is about equal to the equiv. potential of the Fe<sup>3+</sup>-ceric sulphate reaction. II can be used in the cerimetric determination of Fe<sup>3+</sup> (also in the presence of HgCl and HgCl<sub>2</sub>), ferrocyanide, As, Ti and quinal. In addition to these, I can be used for the titration of Mo<sup>V</sup>, U and ascorbic acid. Trivalent Sb can be titrated in conc. HCl soln., in the presence of I, but As needs HCl as catalyst and thus their mixture can be determined. The colour change of I, which was used, is irreversible (carmine red to greenish blue); the colour change of I in its oxidised form is reversible, but less intense and less contrasting. Neither indicator can be used for the cerimetric titration of I, H<sub>2</sub>O<sub>2</sub>, Ta, NO<sub>2</sub><sup>-</sup>, V<sup>IV</sup> and oxalate, with any of the procedures attempted. Xylene blue VS and Setoglauca O behave similarly to II. A. G. Petro

PM

VINKMAN, M.K.; GINTSINGER, A.B.; POSPELOV, A.G.; POLETAYEVA, O.K.;  
YEGOROVA, L.I.; ROMANENKO, M.F.; FEDYANINA, Ye.S.; ASTASHKIN, V.A.;  
CHERNYSHEVA, S.V.; ROMANENKO, Ye.V.; ASKARINA, N.A.; BOYARINOV, A.S.;  
NADLER, Yu.S.; GORELOV, G.F.

Scheme of the stratigraphy of Lower Cambrian and the lower part of  
Middle Cambrian sediments in the Altai-Sayan fold area. Trudy  
SNIIGGIMS no.24:23-34 '62. (MIRA 16:10)

KALUGIN, A.S.; ANAN'YEV, A.R.; GRATSIANOVA, R.T.; KUL'KOV, N.I.; MIRONOVA, N.V.;  
NADLER, Yu.S.

Stratigraphic position and the age of the horizon of the volcanic  
sedimentary iron ores in Devonian sediments in the Altai. Trudy  
SNIIGGIMS no.29:142-148 '64. (MIRA 18:3)

Vadler, Is

5

Use of Metanil Yellow, Astrablue G, Xylene Blue, and  
 Scetoglaucin indicators in cerimetry. I. Bogner and Zs.  
 Nádler (M. Magyar Tech. Univ. Heavy Ind., Miskolc,  
 Hun. *Chem. Acad. Sci. Hung.* 10: 61-66 (1956) (in German)  
 (English summary); cf. Young, *C.A.* 46: 2439f. The  
 behavior of Metanil Yellow (I), Astrablue G (II), Xylene  
 Blue VS (III), and Scetoglaucin O (IV) in cerimetric titra-  
 tions was studied potentiometrically. The transition po-  
 tentials relative to the satd. calomel electrode of II, III, and  
 IV are 0.72, 0.71-0.70, and 0.71-0.70 v., resp. II can be  
 used for the cerimetric titration of Fe (in the presence of Hg  
 salts), Fe(CN)<sub>6</sub>, As, Ti, and hydroquinone. I can be used  
 for these, as well as Sb, Mo, U, and ascorbic acid. None  
 of these indicators are suitable for iodide, H<sub>2</sub>O<sub>2</sub>, Ti, nitrite,  
 V, or oxalate. III and IV are similar to I and II in their be-  
 havior.

J. W. Lowenberg, Jr.

2

DM MK



W. J. T.

"Line of ...  
and ...", ...  
1954, ...

Monthly List of ...  
May 1957, Incl.

NADOL'NIKOV, A.G.; FASTOVSKIY, V.G.; PETROVSKIY, Yu.V.

Miniature refrigerating machine. Prib. i tekhn. eksp. 3 no.6:  
188-190 N-E '63. (MIRA 1963)

1. Vsesoyuznyy elektrotekhnicheskiy institut.

180383-87 INT(1)

ACC NR: AP6012153

SOURCE CODE: UR/0413/66/000/007/0070/0071

AUTHORS: Pyatnitskiy, A. I.; Nadol'nikov, A. G.; Aranovich, R. M.; Kurnosova, V. M.

ORG: none

TITLE: Cryostat for radiation receivers. Class 42, No. 180383 [announced by All-Union Electrical Engineering Institute im. V. I. Lenin (Vsesoyuznyy elektrotekhnicheskii institut)]

SOURCE: Izobrotoniya, promyshlennyye obraztzy, tovarnyye znaki, no. 7, 1966, 70-71

TOPIC TAGS: cryostat, cooling

ABSTRACT: This Author Certificate presents a cryostat for radiation receivers. In its cooling system the coolant is formed by throttling compressed gas which is initially cooled in a helical heat exchanger first by a coolant and then by the return flow of liquefied gas passing through the liquefying chamber. To increase the efficiency and usefulness of the cryostat and to simplify its design, the upper part of the heat exchange helix passes into a heat conducting tube which is placed in the chamber with the liquid coolant (see Fig. 1). The lower part passes through a vacuum tube with the return flow of liquefied gas, which is connected with the liquefying chamber.

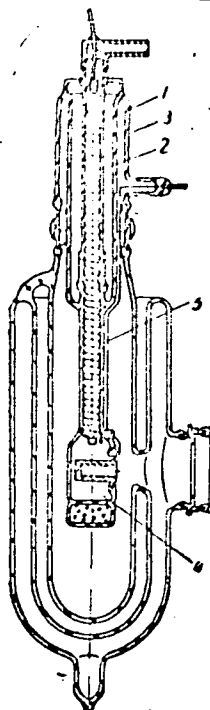
Card 1/2

UDC: 621.565.4

L 09000-67

ACC NR: AP6012153

Fig. 1. 1 - heat exchange helix; 2 - heat conducting tube; 3 - chamber with liquid coolant; 4 - liquefying chamber; 5 - return gas flow tube



Orig. art. has: 1 diagram.

SUB CODE: 20/<sup>13</sup> SUBM DATE: 07Jan65

NADOLNY, Antoni, inz.

The enrichment of lead ore in Moulouya, Morocco. Rudy i  
metale 7 no.8:381-383 Ag '62.

L 38400-66 T RR/JW/WE  
ACC NR: AP60291/4

SOURCE CODE: RU/0007/66/017/002/0095/0100

AUTHOR: Padolo, A. (Physicist)

ORG: none

TITLE: Concerning the installation and use of volume meters for the measurement of liquid hydrocarbons.

SOURCE: Petrol si gaze, v. 17, no. 2, 1966, 95-100

TOPIC TAGS: hydrocarbon, metrology, measuring instrument

ABSTRACT: The author summarizes proper techniques and precautions relating to the correct use of volume meters of various types for the measurement of liquid hydrocarbons; the suggestions are a summary of the American Petroleum Institute's Standard 1101 of 1960. Orig. art. has: 8 figures. [Based on author's Eng. abstr.]

[JPRS: 36,556]

SUB CODE: 07 / SUBJ DATE: none

Card 1/1

J3

UDC: 681.121.14:665.58

S/035/62/000/010/039/128  
A001/A101

AUTHOR: Nadolschi, L.

TITLE: Observation of the solar eclipse of February 15, 1961, by four members of the Astronomical Circle in Yassy

PERIODICAL: Referativnyy zhurnal, Astronomiya i Geodeziya, no. 10, 1962, 54, abstract 10A372 ("Gaz. mat. si fiz.", 1962, v. B13, no. 1, 23 - 28, Rumanian)

TEXT: A group of students and schoolboys under the guidance of the author conducted photographic, visual and meteorological observations during the eclipse. The variation of the solar shine in ordinary light and at wavelengths  $\lambda$  4700, 5500, 5800, and 6400 was determined by means of a special photographic photometer. The table and graph of variation of luminosity logarithm are presented. The maximum luminosity drop near the maximum phase ( $\sim 0.99$ ) took place in violet and the next one in green rays, which is due to energy distribution in the spectrum of the solar limb. The photographs of the partial eclipse phases, the table of relative humidity and the graph

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Observation of the solar eclipse of...

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A001/A101

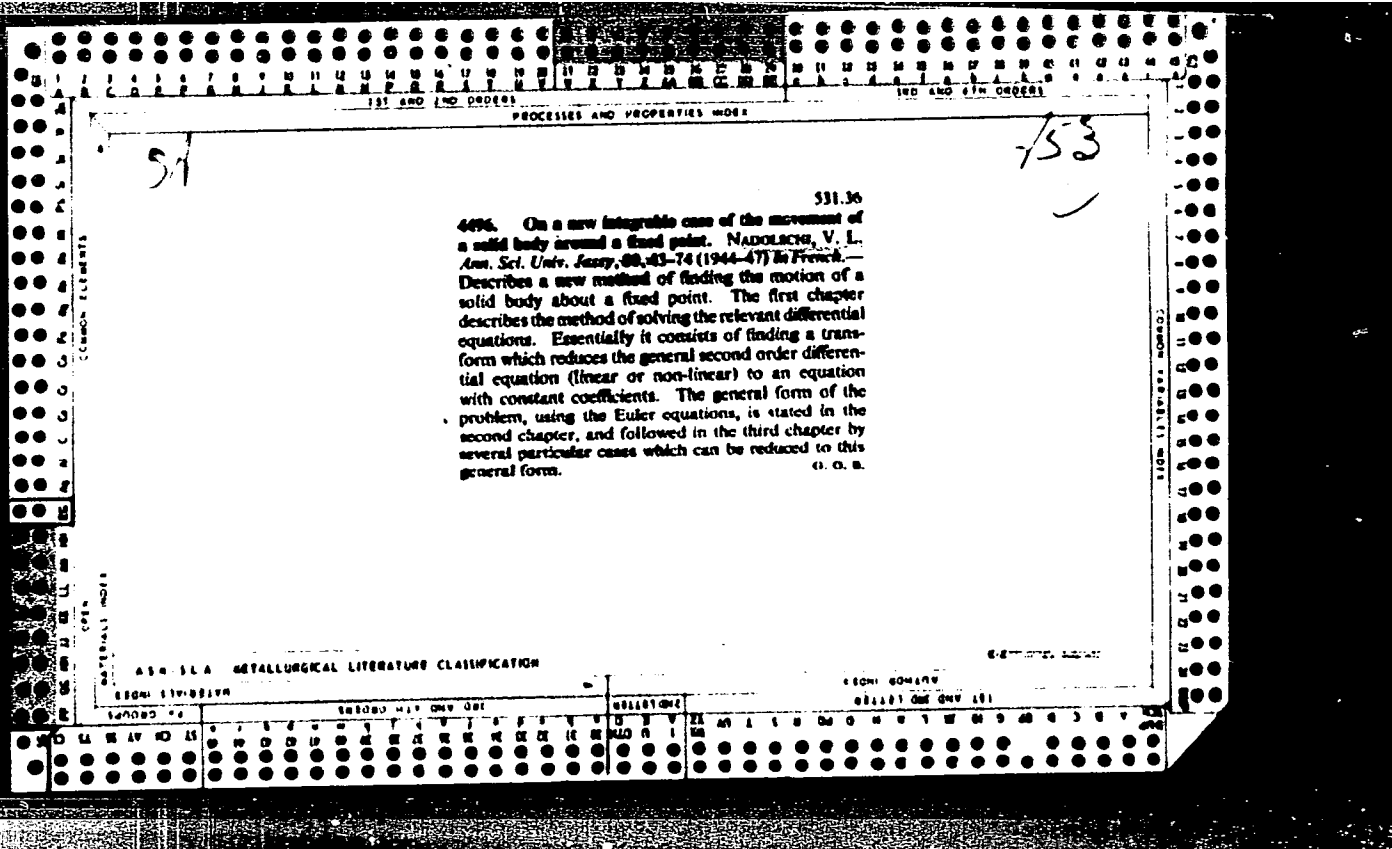
of air and soil temperature variations during the eclipse are presented.

V. Bronshten

[Abstracter's note: Complete translation]

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RUMANIA/Optics - Optical Technology

K

Abs Jour : Ref Zhur Fizika, No 9, 1959, 21279

Author : Vadokschi, V., Grindei, T.

Inst : Iasi Affiliate of the Rumanian Academy of Sciences, Iasi, Rumania

Title : Determination of the Curvature of Spherical Bent Optical Surfaces

Orig Pub : Studii si cercetari stiint. Acad. RFR, Fil. Iasi. Fiz, si stiinte tehn., 1957, 8, No 2, 149-153

Abstract : The method proposed consists of measuring, with the aid of a microscope having a micrometric moving tube, the distances between certain points of the investigated surface with vertical axis and the mid-point of a calibrated thread, located on one of the surfaces, stretched over the surface and making contact with the edges of the

Card 1/2

- 115 -

NADOLSCHI, V.

An approximative method of computing the ephemerides of the artificial satellite. p. 195.

STUDII SI CERCETARI STINTIFICE. FIZICA SI STINTE TEHNICE.  
Iasi, Rumania. Vol. 8, no. 2, 1957

Monthly list of European Accessions (EEAI) LC, Vol. 8, no. 8, Aug. 1959

Uncl.

NADOLSCHI, V.

Some remarks on the determination of the correction for a pendulum.  
Studii fiz tehn Iasi 11 no.1:89-92 '60. (EEAI 10:3)  
(Pendulum) (Chronograph)