

TANASEYCHUK, B.S.; SOKOLOV, S.V.; ABEZGAUZ, F.I.; POSTOWSKIY, I.Ya.

Synthesis of derivatives of 1,2-benzanthracene. Zhur.ob.khim. 33
no.4:1319-1322 Ap '63. (MIRA 16:5)

1. Ural'skiy politekhnicheskiy institut imeni S.M.Kirova.
(Benzanthracene)

ABEZGAUZ, F.I.; SOKOLOV, S.V.; UDILOV, G.P.

Amides and hydrazides of some α -fluorocarboxylic acids. Zhur.
ob. khim. 34 no.9:2965-2969 S '64.

(MIRA 17:11)

1. Ural'skiy polotekhnicheskii institut im. S.M. Kirova.

S/058/63/000/003/071/104
A059/A101

AUTHORS: Fistul', V. I., Abezgauz, I. D.

TITLE: The estimation of some conditions necessary for the formation of germanium p-n tunnel junction

PERIODICAL: Referativnyy zhurnal, Fizika, no. 3, 1963, 67, abstract 3E462
("Tr. Soveshchaniya po udarn. ionizatsii i tunel'n. effektu v poluprovodnikakh, 1960", Baku, AN AzerbSSR, 1962, 151 - 158)

TEXT: The calculation of the impurity concentration in the recrystallized region of the p-type was performed on melting In+Ga or Sn+Ga into n-type Ge. The calculated results are represented in the form of the dependences of the concentration of P on the percentage of Ga in the fused-in In or Sn drop and on the temperature of melting-in. The diagrams are valid only for equilibrium conditions of growth in the recrystallized region, i.e. for slow cooling after fusion. Thus, on melting In + 2% Ga at 600°C, the equilibrium concentration in p-region is shown to be 10^{19} cm^{-3} . On fast cooling, the concentration in the p-region can be somewhat higher. A qualitative agreement was observed between

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The estimation of some conditions...

S/058/63/000/003/071/104
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the results of calculation and those of experiment.

A. Kovalev

[Abstracter's note: Complete translation]

Card 2/2

AUTHORS:

Fistul', V.I., Abezganz, I.D.

S/275/63/000/003/011/021
A052/A126

TITLE:

Evaluation of some conditions necessary for the formation of a germanium p-n junction with tunnel effect

PERIODICAL:

Referativnyy zhurnal, Elektronika i yeye primeneniye, no. 3, 1963, 20, abstract 3B129 (Tr. Soveshchaniya po. udarn. ionizatsii i tunnel'n. efektu v poluprovodnikakh, 1960, Baku, AN AzerbSSR, 1962, 151 - 158)

TEXT:

Tunnel diode parameters depend essentially on the impurity concentration in n- and p-regions of the crystal. A theoretical determination was carried out of the concentration of fused-in impurity depending on fusing-in temperature, depth of fusing-in and kind of fused-in compound. Diagrams were plotted showing the dependences of In and Ga concentration on the fusing-in temperature for an In-Ga-Ge system, and also the dependences of Ga concentration on the fusing-in temperature for a Sn-Ga-Ge system. The plotted diagrams hold true only under equilibrium conditions of crystal p-region growth, when the process of crystal cooling after fusing-in is

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Evaluation of some conditions...

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long enough. The diagrams make it possible to select an InGa or SnGa alloy of a corresponding composition and to evaluate the necessary fusing-in temperature depending on donor concentration in the initial Ge. An experimental verification of the diagrams was obtained when developing a tunnel diode. p-n type junctions in high-alloy Ge were produced by fusing-in. The fusing-in was carried out at 550-600°C in hydrogen atmosphere purified from moisture and oxygen. Fused-in InGa or SnGa represented fused balls 50-100 μ in diameter. Crystal dimensions were 0.8 x 0.8 x 0.2mm. After fusing-in the crystal was soldered on the crystal holder and, after etching in H₂O₂ and washing, was mounted in the casing. The crystal had a concentration of 2.5·10¹⁹cm⁻³ and 5·10¹⁹cm⁻³. Volt-ampere characteristics of the tunnel diode are given. There are 5 references.

T.Ya.

[Abstracter's note: Complete translation.]

Card 2/2

PROCESSES AND PROPERTIES INDEX

27

09

Recovery of cereals from petrolatum at the Max Miller plant in Baku. D. GOLD-
BERG AND I. ARBEGAYE. *Sovetskaya Khimiya* 1932, No. 11, 30-45
Cold settling is unsatisfactory for sepg. cereals from petrolatum because of excessive
time, large vol. of naphtha and low temps. required by this process. Centrifuges must
be imported, which precludes their use. The Weir method is the most promising
The work on petrolatum (da 0.9177, viscosity 2.69 Engler, in 60° (Utholohol), para-
fin content m. 60-0° 73% (Holde); penetration 160 at 25° and 100 g. load) showed that
the quality of kieselguhr is important. Filtration is faster with the finer mesh earth
The earth must be added before the crystals are formed, preferably 10° above the crystn
temp. The rate of cooling in cold settling should be 2-3° hr while with the Weir
process it can be 10° hr. The quality of ceresin depends on temp. and quantity of
diluent. More earth should be used as diln. is increased. With a diln. of 2, 20%,
earth is needed, with 1, 2%, 15%. The earth can be regenerated without impairing its
efficiency. V. KALICHKOVSKI

METALLURGICAL LITERATURE CLASSIFICATION

ABE-5112, 1.

The application of ethylene dichloride in the dewaxing of highly viscous oils. D. Gol'dberg, I. Al'tzgar, and I. Margolis. *Azerbaidzhanloe Neftyanoe Khimiyaloe* 1935, No. 3, 74-81. Solid hydrocarbons dissolve unsatisfactorily in $\text{C}_2\text{H}_4\text{Cl}_2$ below 25° . The solv. of oils in $\text{C}_2\text{H}_4\text{Cl}_2$ depends on their chem. compn.; the higher the content of paraffin ingredients, the higher the sepn. temp. of the oil. $\text{C}_2\text{H}_4\text{Cl}_2$ cannot be recommended for oils from asphaltic crude oils because of low treating temp. and excessive amt. of the solvent. $\text{C}_2\text{H}_4\text{Cl}_2$ cannot be used for dewaxing, because owing to its selective properties the transfer of a certain group of hydrocarbons into the petrolatum takes place, and the yield of dewaxed oil is thus lowered and the viscosity index decreased. The higher $\text{C}_2\text{H}_4\text{Cl}_2$ homologs obtained in the residue as a result of chlorination of the com. C_2H_4 fraction are very suitable selective solvents for dewaxing. Thus, they permit carrying out the process at a temp. not below 20° , yield fractions which have only a 5° higher pour point than the process temp. and work in ordinary centrifuges. The refining with H_2SO_4 and clay is carried out as the last stage; thus oils of higher stability and better color are produced and the consumption of H_2SO_4 is lowered.

A. A. Buchtingk

ASB 55.8 METALLOGICAL LITERATURE CLASSIFICATION

ABSTRACT, I.

Treating paraffin concentrates with nitrobenzene. D. Gol'dberg, I. Abergauz and I. Margolis. *Azerbaidzhan'skie Neftyanoe Khoroshtro* 1915, No. 7/8, 94-102. The refining with $C_6H_5NO_2$ considerably improves the quality of bright stocks from Surakhanul as well as from Kara-Chukhr oils, acting favorably on their viscosity index and lowering the Conradson C content. The treatment can be carried out with unrefined and with de-waxed oil. The yield of the final oil is lowered but an oil of higher viscosity is obtained by treating paraffinic concentrates. There is a certain ratio of $C_6H_5NO_2$ which permits the prepar. of an oil that does not need addnl. refining, except a clay treatment to improve the color. The clay treatment is carried out best during the distg. of the solvent. At 150% $C_6H_5NO_2$ a treatment with 11% of H_2SO_4 and 25% "gumbrin" clay is essential, while at 300% $C_6H_5NO_2$ no H_2SO_4 treatment is required. A. A. R.

450.714 METALLURGICAL LITERATURE CLASSIFICATION

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 100

11 AND 2ND ORDERS PROCESSES AND PROPERTIES INDEX 11P AND 4TH ORDERS

Handwritten: *Alkyls), I*
ca 22

Comparison of dewaxing methods. D. Gol'dberg and I. Abetzaus. *Aerbalzhanskoe Neftyanoe Khos.* 1936, No. 6, 62-4; cf. C. A. 30, 8485. The "chlorine solvent" (preceding abstr.) and the benzene-acetone solvent can successfully be applied in dewaxing distillate and residual oils as well as bright stocks. The process temp. in the lab. should be 5-7° below the desired pour point of the finished oil, while under refinery conditions this range could most probably be narrowed. In the dewaxing of automobile lubricants 2-2.2 parts of solvent should be used per part of oil, while for aviation lubricants the 4-5 ratio (per unit of wt.) of the oil is recommended. The procedure is described. Fifteen references. A. A. B.

ASB-51A METALLURGICAL LITERATURE CLASSIFICATION

11 AND 2ND ORDERS 11P AND 4TH ORDERS

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 100

ABE-ZGAJZ, (1)

CH

22

Ceresin from petroleum and its purification. D. Goldberg and I. Abeggauz. *Gigieniskii Neftyanik* 7, No 6, 31-7 (1972). Dichloroethane can be used as a solvent in the process of separating ceresin and gives better yields than naphtha (80-100%). The high oil content of the petroleum interferes with the process of extracting ceresin from dichloroethane, because it leads to a lowering of the yield and the quality of the ceresin produced. Of the three methods tried, i. e., increase of the amt. of the solvent, increase of the process temp. and recrystn., the latter is most efficient. Dichloroethane with the addn. of 10% CCl₄ increases the quality and the amt. of the ceresin obtained. The refining of ceresin obtained from crude petrolatum requires smaller amts. of reagents than that obtained from ozocerite. The process is described. A. A. Bochtling

ABEGAJZ, I. M.

CA

22

Determination of solid hydrocarbons in petrolatum.
I. M. Abegajz. *Isvestiia Akad. Nauk SSSR*, 1938,
No. 4, 40 (3). — The detn. of solid hydrocarbons in petro-
lum is carried out by a treatment with solvents such as
benzene (C_6H_6) and acetone-toluene at -20° . The
expts. are described in detail. A. A. Bochtinsk

ASB 518 DETALLOPKAL LITERATURE CLASSIFICATION

CONFIDENTIAL - SECURITY INFORMATION

ABEZGAUZ, I.M.; KAPYRIN, Yu.V.; TREBIN, G.F.

New method for determining the optical density of petroleum.
Nefteprom.delo no.10:13-14 '65.

(MIRA 19:1)

1. Vsesoyuznyy neftegazovyy nauchno-issledovatel'skiy institut.

ABEZGAUZ, I.S.; GULYAYEV, B.V.

Introduction of new designs. Prom. stroi. 40 no.7:12-14 '62.

(MIRA 15:7)

1. Uralgipromez.

(Metallurgical plants--Design and construction)

LINVA, V.A.; ABEZGAUZ, I.Z.; IONVA, A.I.

Use of dry "mukhomor" fly-paper with chlorophos as an active
substance in fly control. Med.paraz.i paraz.bol. 29 no.3:
330-334 '60. (MIRA 13:12)
(INSECTICIDES) (FLIES--EXTERMINATION)

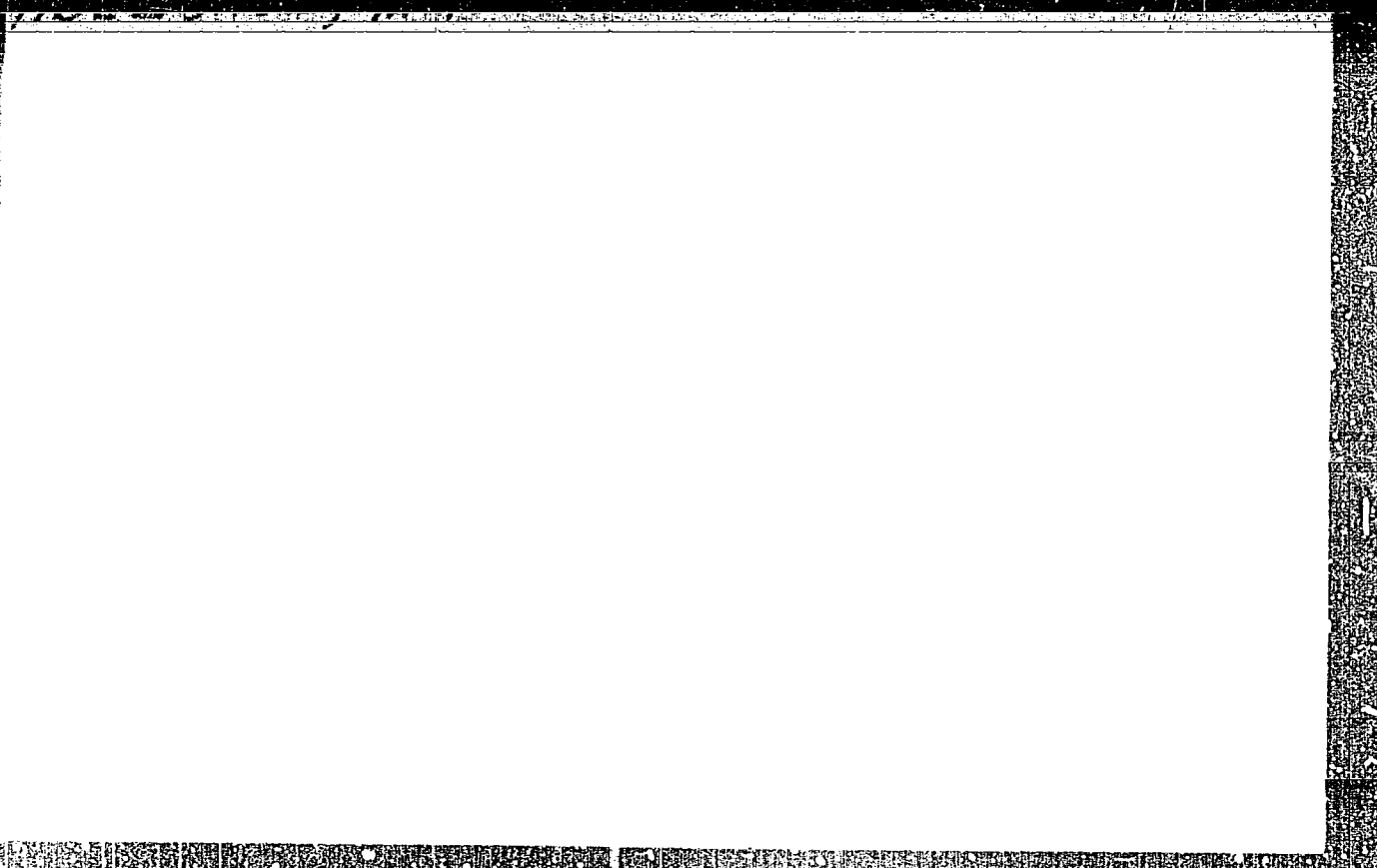
CHERNYAK, N. B.; POKROVSKIY, P. I.; ABZGAUZ, N. I.

Biological value of blood preserved with added glucose and
sucrose. Doklady Akad. nauk SSSR 84 no.1:109-112 1 May 1952.
(CJML 22:2)

1. Presented by Academician A. I. Oparin 18 December 1951.
2. Institute of Hematology and Blood Transfusion.

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APPROVED FOR RELEASE: 04/03/2001

CIA-RDP86-00513R000100120019-7"

VINOGRAD-FINKEL', F.R., prof.; LEONTOVICH, V.A.; ABEZGAUZ, N.N.

Use of anticytolytic substances as a new method for prolonging
blood preservation. Probl.gemat.i perel.krovi 1 no.1:41-46
Ja-F '56. (MIRA 14:1)

1. Iz Tsentral'nogo ordena Lenina instituta gematologii i pereli-
vaniya krovi (dir. - chlen-korrespondent AMN SSSR prof. A.A.
Bagdasarov) Ministerstva zdravookhraneniya SSSR.
(BLOOD—COLLECTION AND PRESERVATION)

ABEZGAUZ, N.N.; SUKHOVA, A.G.; DANISER, N.A.

Method of blood preservation at room temperature and the results of its clinical use. Probl. gemat. i perel. krovi 8 no.5:47-52 My'63. (MIRA 16:8)

1. Iz laboratorii konservirovaniya krovi (zav. - prof. F.R. Vinograd-Finkel') Tsentral'nogo ordena Lenina instituta gematologii i perelivaniya krovi (dir.-dotsent A.Ye.Kiselev) Ministerstva zdravookhraneniya SSSR i 3-y gorodskoy tuberkuleznoy bol'nitsy.

(BLOOD—COLLECTION AND PRESERVATION)

ABEZGAUZ, N.N.; ANISOVA, A.A.; GORLINOVA, V.I.; ZHMEYDO, A.T.; LEONTOVICH, V.A.

Effect of C-vitaminization of donors on the preservation of the phagocytic reaction and the vitamin C level in leucocytes stored under refrigeration. Probl. gemat. i perel. krovi 10 no.1:45-47 Ja '65. (MIRA 19:1)

1. Laboratoriya konservirovaniya krovi (zav. - prof. F.R. Vinograd-Finkel') Tsentral'nogo instituta gematologii i perelivaniya krovi Ministerstva zdravookhraneniya SSSR i vitaminnaya laboratoriya (zav. - prof. S.N. Matsko) Instituta vitaminologii, Moskva.

LEONTOVICH, V.A.; ABEZGAUZ, N.N.

Test of some substrates and coenzymes of carbohydrate-phosphorus metabolism substances for prolonging the viability of leucocytes during their preservation. Probl. gemat. i perel. krovi 9 no.10: 36-42 0 '64. (MIRA 18:3)

1. Laboratoriya konservirovaniya krovi (zav. - prof. F.R. Vinograd-Finkel') Tsentral'nogo ordena Lenina instituta gematologii i pere-livaniya krovi (dir. - dotsent A.Ye. Kiselev) Ministerstva zd-ravookhraneniya SSSR, Moskva.

ABEGAUZ, V.D.; GAL'PERIN, M.I.; GAROVNIKOV, V.I., inzhener, redaktor;
KRYGER, Yu.V., redaktor; VOLKOV, V.S., tekhnicheskij redaktor.

[Vibrator at construction sites] Vibrator na stroikakh. Moskva,
Gos.izd-vo lit-ry po stroit. i arkhitekture, 1955. 79 p.
(Concrete)

ABEZGAUZ, V.D., inzhener

Cutting concrete products. Mekh. stroi. 12 no.7:19-22 JI '55. (MIRA 8:9)
(Concrete)

Abzgaux, V.D.

GAL'PERIN, M.I., inshener; ~~ABZGAUX, V.D., inshener.~~

Working frozen ground by means of the impact of a diesel hammer
wedge. Stroi. prom. 33 no.9:10-13 S '55. (MIRA 9:1)
(Frozen ground) (Hammers)

~~ABZGAUZ, V.D.~~

GAL'PERIN, I.I., knizhniy tekhnicheskoy rank; ABZGAUZ, V.D., inzhener.

Resistance to breaking of limestone during cutting. Stroi. i dor.
mashtabstr. 2 no.5:20-22 Ar 157. (MIRA 10:9)
(Limestone) (Stone cutting)

ABEZGAUZ, V.

GAL'PERIN, M., kand.tekhn.nauk; ABEZGAUZ, V., inzh.

Mechanized work on frozen soils. Stroitel' no.11:12 N '57.
(MIRA 10:12)

(Excavating machinery)
(Earthwork--Cold weather conditions)

ABERGAUZ, V.D.; GAL'PERIN, M.I.; BESSER, Ya.R., kand.tekhn.nauk,
nauchnyy red.; KRYUKER, Yu.V., red.izd-va; MEL'NICHEKO, F.P.,
tekhn.red.

[Using vibrators in building] Vibrator na stroike. Izd.2-e,
perer. i dop. Moskva, Gos.izd-vo lit-ry po stroit., arkhitekt. i
stroit.materialam, 1958, 79 p. (MIRA 13:3)
(Vibrators)

АБЕ ЗИГАУС, В. В.

GAL'PERIN, H., kand. tekhn. nauk; ABEZGAUS, V., inzh.

Operations of vibrators. Stroitel' no.1:27-29 Ja '58. (MIRA 11:2)
(Vibrators)

ABEZGAUZ, V.P.
ABEZGAUZ, V.D., insh.

Automating control of stonecutting machines. Stroi. i dor.
machinostr. 3 no.2:22-27 F '58. (MIRA 11:2)
(Automatic control)
(Stonecutting)

ABEZGAUZ, V.D., insh,

~~Power required for trenching in frozen and stony ground.~~
Stroi. truboprov. 3 no,8:7-10' Ag '58. (MIRA 11:11)
(Frozen ground) (Cutting machinery)

ABEZGAUZ, V. D. Cand Tech Sci -- (diss) "Raising the productivity of rock-cutting machines of up to 1000 kg/cm² strength." Mos, 1959. 16 pp (Mintransstroy Min of Transport Construction USSR. ■ All-Union Sci Res Inst of Transport Construction), 150 copies (KL, 43-59, 123)

GAL'PERIN, Mark Issayevich; ABEZGAUZ, Viktor Davidovich; MAMUROVSKIY,
A.A., retsenzent; NIKITIN, A.G., inzh.; red.; CHEKHUROVA, Z.I.,
tekhn.red.; UVAROVA, A.F., tekhn.red.

[Stonecutting machines] Mashiny dlia rezaniia kamnia. Moskva,
Gos.nauchno-tekhn.izd-vo mashinostorit.lit-ry, 1959. 283 p.
(MIRA 12:12)

1. Chlen-korrespondent Akademii stroitel'stva i arkhitektury (for
Mamurovskiy).

(Stonecutting)

ABEZGAUZ, V.D., inzh.; LIVSHITS, L.S.; SHIFRIN, M.A., kand.tekhn.nauk

Operating and improving the SM-535 stand. Stroitel'no-mashinostr.
no.7:32-36 JI '59. (MIRA 12:11)

(Prestressed concrete construction)

ABEZGAUZ, V.D., inzh.

Automatic feed control of tunneling machinery. Transp. stroi.
9 no.4:20-23 Ap '59. (MIRA 12:6)
(Tunneling) (Excavating machinery)

LIVSHITS, Lev Samoylovich, inzh.; ABEZGAUZ, Viktor Davydovich, inzh.

[Anode-mechanical tools for cutting high-strength and hardened reinforcing steel] Anodno-mekhanicheskie pily dlia rezania vysokoprochnoi i uprochnennoi armaturnoi stali. Moskva, Gosstroizdat, 1960. 18 p. (MIRA 13'4)

1. Akademiya stroitel'stva i arkhitektury SSSR. Institut organizatsii, mekhanizatsii i tekhnicheskoy pomoshchi stroitel'stvu.
 2. Nachal'nik Eksperimental'no-konstruktorskogo byuro Nauchno-issledovatel'skogo instituta po stroitel'stvu (NII-200) (for Livshits).
 3. Nachal'nik konstruktorskogo otdela Eksperimental'no-konstruktorskogo byuro Nauchno-issledovatel'skogo instituta po stroitel'stvu (NII-200)(for Abesgauz).
- (Cutting machines) (Reinforced concrete)

ABEZGAUZ, V., insh.; LIVSHITS, L., insh.

Preparing wire bundles to be used in making prestressed construction elements. Stroitel' no.1:18-19 Ja '60.
(MIRA 13:5)

(Prestressed concrete)

ABEZGAUZ, V.D., kand.tekhn.nauk; GAL'PERIN, I.I., doktor tekhn.nauk

Problems of developing and utilizing machines for working
frozen ground. Stroit. i dor. mash. 6 no.10:10-20 0 '61.
(MIRA 14:10)

(Earthmoving machinery)
(Frozen ground)

ABEZGAUZ, V.D., kand. tekhn. nauk; GAL'PERIN, M.I., prof., doktor tekhn. nauk; VRONSKIY, L.N., ved. red.; BASIMAKOV, G.M., tekhn. red.

[Working frozen ground in mechanized trench digging] Razrabotka merzlykh gruntov pri mekhanizirovannom ryt'e transhei. Moskva, Gostoptekhizdat, 1962. 93 p. (MIRA 15:11)
(Frozen ground) (Excavating machinery)

ABEZGAUZ, V.D., kand.tekhn.nauk

Forces of resistance to digging in the operation of wheel excavators.
Stroi truboprov. 7 no.6:12-15 Je '62. (MIRA 15:7)
(Excavation)

ABEZGAUZ, V.D., kand.tekhn.nauk; SPIVAKOV, F.F., inzh.

Raising the efficiency of quarrying large blocks of natural
stone by means of over-all mechanization of operations. Stroi.
mat. 8 no.5:22-27 My '62. (MIRA 15:7)
(Moldavia—Stonecutting)

ABEZGAUZ, V.D., kand.tekhn.nauk

Operating systems of machines with chain cutting units when
cutting frozen ground. Mekh. stroi. 19 no.9:14-17 S '62.
(MIRA 15:9)

(Frozen ground) (Earthwork)

SMORODINOV, M.I., kand. tekhn. nauk; ~~ABEZGAUZ, V.D.~~, kand. tekhn.
nauk, retsenzent; OTDEL'NOV, P.V., red.izd-va; DEMKINA,
N.F., tekhn. red.

[Wear-resistant tools for construction machinery] Iznoso-
stoikie instrumenty dlia stroitel'nykh mashin. Moskva,
Mashgiz, 1963. 153 p. (MIRA 17:1)

GAL'PERIN, M.I., doktor tekhn. nauk, prof.; ABEZGAUZ, V.D., kand.
tekhn. nauk; BELYANCHIKOV, P.P., inzh., retsenzent;
OTDEL'NOV, P.V., red.izd-va; EL'KIND, V.D., tekhn. red.

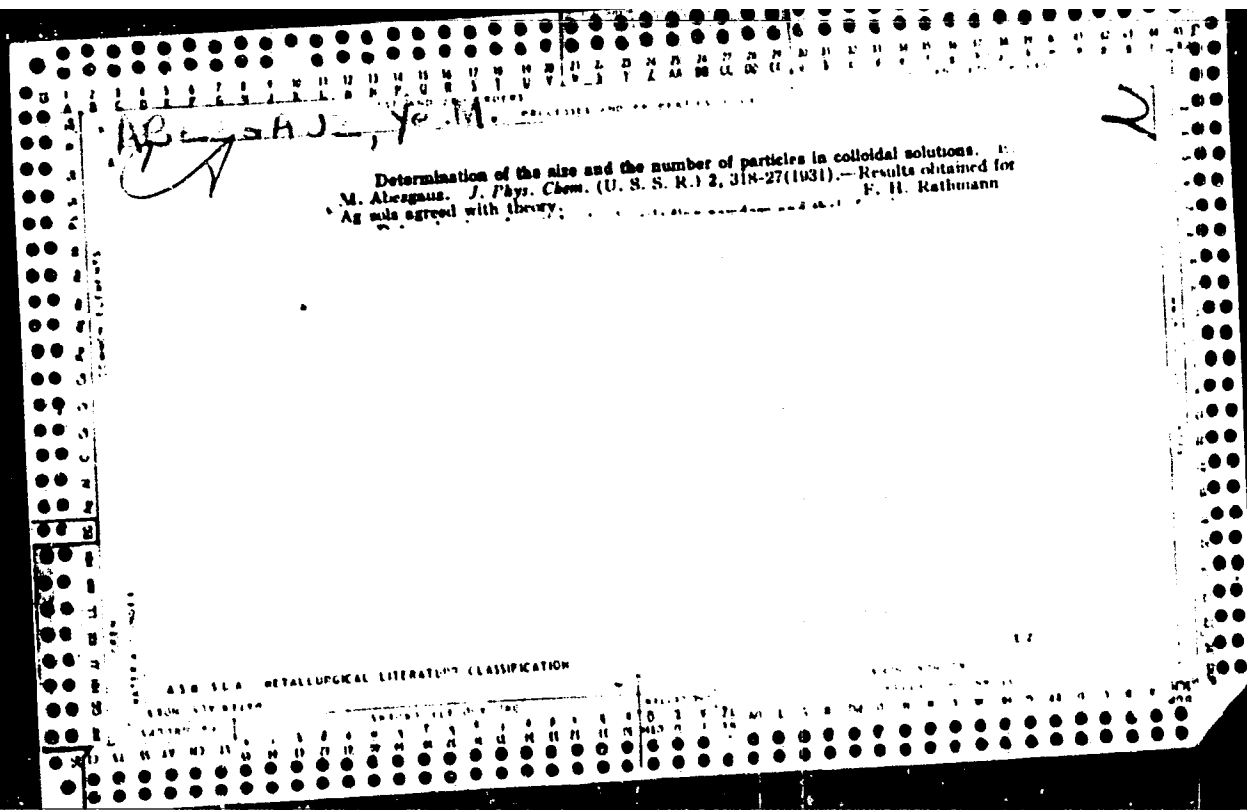
[Stonecutting machines] Mashiny dlia rezania kamnia. Izd.2.,
perer. i dop. Moskva, Mashgiz, 1964. 338 p. (MIRA 17:3)

ABEZGANS, Viktor Davidovich; GALPERIN, Mark Isayevich; JENYATSKAYA,
A.A., nauchn. red.

[Vibrators at construction sites] Vibrator na stroitel'stve. 100 stranits
paper. Moskva, Stroiizdat, 1964. 94 p. (Plus 100)

ABEZGAUZ, V.D.

[Cutters on milling-type machines for working in rock or soil] Rezhushchie organy mashin frezernogo tipa dlia razrabotki gornykh porod i gruntov. Moskva, Mashinostroenie, 1965. 278 p. (MIRA 18:4)



ABEZGANTZ, YE. M. Cand. Physicomath. Sci.

Dissertation: "Limits of Ignition of Gas Fuel Mixtures." Moscow Order of Lenin State U. ineni M.V. Lomonosov. 5 Feb. 1947.

SO: Vechernyaya Moskva, Feb. 1947. (Project #17836)

ABEGUZ, A.M.; SLIBORSKIY, P.I.

Quick repair of sliding bearings of large cylinders. Bum.prom. 29
no.8:22 Ag '54. (MLRA 7:9)

1. Segeshkiy tsellyulozno-bumashnyy kombinat.
(Bearings (Machinery))

GINTSBURG, Matvey Grigor'yevich; KOVALENKO, V.I., inzh., retsenzent;
ABEZ'YANIN, D.N., retsenzent; TEREENT'YEV, V.D., doktor tekhn.
nauk, red.; NAKHIMSON, V.A., red.izd-va; TIKHANOV, A.Ya., tekhn.
red.; UVAROVA, A.F., tekhn.red.

[Motorcycles; construction and servicing] Mototsikly; ustroistvo
i obsluzhivanie. Moskva, Gos.nauchno-tekhn.izd-vo mashinostroit.
lit-ry, 1959. 286 p. (MIRA 12:4)
(Motorcycles)

ABGAFOROV, V.A., inzh.

Progressive method of repairing gantry cranes. Zhel.dor. transp. 40
no.11:77-78 N 11.
(MIRA 28.1)

ABGAFOROV, V.A., aspirant

Calculating the needed assembly unit stock for the repair of
loading and unloading machinery. Vest. TSNII MPS 23 no.7:
56-59 '64. (MIRA 18:3)

ABGAFOROVA, G.Ye.; SHUYKIN, N.I.; BEL'SKIY, I.F.

Synthesis of trialkyl derivatives of pyrrole and pyrrolidine.
Izv. AN SSSR. Ser. khim. no.4:734-736 '65. (MIRA 18:5)

1. Institut organicheskoy khimii im. N.D.Zelinskogo AN SSSR.

BELEKIN, I.P.; SHUKHIN, N.I.; ABGAFEROVA, G.Ye.

Synthesis of pyrroline homologs. Izv. AN SSSR Ser. Khim. no. 1:
160-162 '65. (RUSS 18:2)

1. Institut organicheskoy khimii im. N.D. Zelinskogo AN SSSR.

CHRYKIN, I.I.; BELITSKI, V.A.; ARSOVSKI, V.R.

conjugated hydrogenolysis in the synthesis of α -alkylpyrroles.
Izv. AN SSSR Ser. Khim. no. 10:163-165, 1977.

(DATA 18:2)

L. Institut organicheskoy khimii im. K.L. Komenskogo AN SSSR.

ABGAROV, V.I.; FATALIYEVA, S.S.; ALIYEVA, F.A.

Dose of ionizing radiations in roentgeno-diagnostic examinations.
Med.rad. 5 no.5:33-37 '60. (MIRA 13:12)
(RADIOGRAPHY)

ABGAROV, V.I., dotsent; PALATKHINOVA, K.Kh.

Activities of the Baku Society of Roentgenologists and Radiologists
in 1959. Vest. rent. i rad. 35 no. 4:75-76 J1-Ag '60.

(MIRA 14:2)

1. Predsedatel' pravleniya Bakinskogo nauchnogo obshchestva
rentgenologov i radiologov (for Abgarov). 2. Sekretar'
pravleniya Bakinskogo nauchnogo obshchestva rentgenologov i
radiologov (for Palatkhinova).

(BAKU--RADIOLOGICAL SOCIETIES)

ABGAROV, V.I.; MAZEY, A.M.

Hysterosalpingography as a diagnostic and therapeutic method in tubal sterility. Azerb.med.shur. 40 no.1:42-46 Ja '63.

(MIRA 16:3)

1. Iz kafedry rentgenologii i meditsinskoy radiologii (zav. - dotsent V.I. Abgarov) Azerbaydzhanskogo meditsinskogo instituta imeni N. Narimanova (rektor - zasluzhennyy deyatel' nauki, prof. B.A. Eyvazov) i ginekologicheskogo otdeleniya (zav. - A.M. Mazez) bol'nitsy imeni Shaumyana (glavnyy vrach - zasluzhennyy vrach AZSSR Sh.I. Kasumov).

(UTERUS—RADIOGRAPHY) (STERILITY)

(FALLOPIAN TUBES—RADIOGRAPHY)

ABGAROV, V.O., dots., ALIYEVA, F.A., assistant

X-ray detection of fibroma of the stomach. Vest. rent. i rad.
33 no.4:71-72 J1-Ag '58 (MIRA 11:8)

1. Iz kafedry rentgenologii i radiologii (zav. - dots. V.O. Abgarov)
Azerbaydzhanskogo meditsinskogo instituta imeni N.Narimanova
(dir. prof. B.A. Byvazov).
(STOMACH NEOPLASMS, diag.
fibroma, x-ray diag. (Rus))
(FIBROMA, diag.
stomach, x-ray diag (Rus))

ABGAROWICZ, A.

~~XXXXXXXXXXXXXXXXXXXX~~

Typing of diphtheria bacilli in the Bydgoszcz district and significance
of types in the course of diphtheria. Med. dosw. mikrob. 4 no.4:455-460
1952. (GLML 23:4)

1. Of the National Institute of Hygiene Branch in Bydgoszcz.

WAWRZYNSKA, M. ABGAROWICZ, A.; STACHOWSKA, Z.: ZASUN, H.

Salmonella and Shigella bacteria in etiology of infantile diarrhea.
Pediat.polska 30 no.3:251-253 Mr '55.

1. Z Wojewodzkiej Stacji Sanitarno-Epidemiologicznej w Bydgoszczy
Dyrektor: dr med. M. Barciszewski; Bydgoszcz, Woj. Stacja, San.
Epid.

(SALMONELLA INFECTIONS, in infant and child
diarrhea

(SHIGELLA, infections
diarrhea in inf.)

(DIARRHEA, bacteriology
Salmonella & Schigella bact. in etiol. in inf.)

POLAND / Microbiology. Human and Animal Pathogens. F
Corynebacteria.

Abs Jour: Ref Zhur-Biol., No 2, 1959, 5635.

Author : Wolska, K.; Abgarowicz, A.; Rozwadowska, W.;
Galazka, A.; Kukiz, T.

Inst : Not given.

Title : Studies on Vaccines and Vaccination Against Diph-
theria in Poland in 1955-1956. II. Confirmation
of Diphtheria Immunity by Use of the Schick Test
(Wolska, K.). III. Comparative Study of Six Dom-
estic Vaccines by Epidemiological Tests (Wolska,
K.; Abgarowicz, A.; Rozwadowska, W.). IV. Com-
parative Evaluation of Four Domestic Vaccines
in Laboratory Tests (Abgarowicz, A.; Galazka, A.;
Kukiz, T.).

Orig Pub: Przegl. epidemiol., 1957, 11, No 4, 343-364.

Abstract: No abstract.

Card 1/1

100-1001-1001
WOISKA, Krystyna; ABGAROWICZ, Anna, pomoc techn. ROZWADOWSKA, Wanda

Vaccines & anti-diphtheria vaccination in Poland during 1955 & 1956.
III. Comparative evaluation of 6 vaccines in Polish epidemiological studies. Przegl. epidem., Warsz. 11 no.4:351-356 1957.

1. Z Zakladu Epidemiologii Panstwowego Zakladu Higieny w Warszawie.
(DIPHTHERIA, prev. & control
vacc., comparative effectiveness of 6 vaccines in
Polish child. (Pol))

ABGAROWICZ, Anna; GALAZKA, Artur; KUKIZ, Tadeusz

Vaccines & anti-diphtheria vaccination in Poland during 1955 & 1956.
IV. Comparative evaluation of 4 Polish vaccines in laboratory studies.
Przegl. epidem., Warsz. 11 no. 4:357-364 1957.

1. Z Zakladu Epidemiologii Panstowego Zakladu Higieny w Warszawie.
(DIPHTHERIA, immunol.
vaccines, comparative effectiveness of 4 vaccines
in guinea pigs (Pol))

GALAZKA, Artur; KUKIZ, Tadeusz; ABGAROWICZ, Anna

Use of various methods in an attempted evaluation of the diphtherial and tetanic component in 3 diphtheria-tetanus-whooping cough vaccines of domestic production. Przegl.epidem. 15 no.2:163-178 '61.

1. Z Zakladu Epidemiologii Panstwowego Zakladu Higieny w Warszawie
Kierownik: prof. dr J. Kostrzewski.

(TETANUS immunol) (DIPHTHERIA immunol)
(WHOOPING COUGH immunol) (VACCINES)

ABGAROWICZ, Anna, dr; GALAZKA, Artur; KUKI7, Tadeusz (Warszawa)

Studies on the immunizing properties of the tetanus
component of enteric tetanus vaccines produced in Poland.
Zesz probl nauki Pol 23 241-250 '61.

GALAZKA, Artur; ABGAROWICZ, Anna

Some observations on the epidemiological situation of diphtheria
in Poland during the period 1960-1962. *Pediat. Pol.* 39 no.2:
191-199 F*64.

1. Z Zakladu Epidemiologii Panstwowego Zakladu Higieny w
Warszawie; kierownik: prof.dr. J.Kostrzewski.

*

GALAZKA, Artur; ABGAROWICZ, Anna

Evaluation of the immunizing potency of diphtheria-tetanus vaccines tested in school children and animals. Med. dosw. mikrobiol. 17 no.2:109-121 '65.

1. Z Zakladu Epidemiologii Panstwowego Zakladu Higieny w Warszawie (Kierownik Zakladu: prod. dr. J. Kostrzewski).

F. ABGAROWICZ

"The sugar-beet leaves as a source of fodder not fully utilized" page 72
(NOWE ROLNICTWO. VOL. 2, No. 9, Sept. 1953)

SO: East European, LC Vol.2, No. 12, Dec. 1953

ABGAROWICZ, FRANCISZEK.

ABGAROWICZ, FRANCISZEK. Uprawa roslin pastewnych i przechowywanie pass.
Warszawa, Panstwowe Wydawn. Rolnicze i Lesne, 1955. 72 p. (Cultivation
of pastures and preservation of fodder)

DA

Not in DLC

AGRICULTURE

POLAND

SO: East European Accession, Vol. 6, No. 5, May 1957

ABGAROWICZ, Franciszek, prof. dr; BURZYNSKI, Bohdan; WISLINSKA, Irena;
WITCZAK, Franciszek

Fattening of young cattle using ammoniated dry sugar-beet pulp
with a differing content of nitrogen compounds in the rations.
Zesz probl post nauk roln no.41:101-106 '63.

1. Katedra Zywienia Zwierzat, Szkola Glowna Gospodarstwa
Wiejskiego, Warszawa. Kierownik: prof. F. Abgarowicz.

ABGAROWICZ, Franciszek, prof. dr; KOTARBINSKA, Maria; CHACHULOWA, Jadwiga;
WITCZAK, Franciszek

Different protein levels in the fodder rations and the
results in the production of meat. Zesz probl post nauk
roln no.41:147-151 '63.

1. Katedra Zywienia Zwierzat, Szkola Glowna Gospodarstwa
Wiejskiego, Warszawa. Kierownik: prof. dr F. Abgarowicz.

ALBZAK, Pr.; KOTARCZYNSKA, E : ZESZYTY NAUKOWE, 1964, 10, prof. dr

Effects of various levels of protein in fodder while applying low energy feeding on the results of fattening and the nitrogen balance in pigs. Zesz probl post nauk roln no. 44:55-60 '64.

1. Department of Animal Feeding of the Central College of Agriculture, Warsaw. Head: [prof.] Abgarowicz, and Department of Specific Animal Breeding, of the Central College of Agriculture, Warsaw. head of Department: [doc.dr] F.Kaly.

ABGAROWICZ, F., prof. dr.; SWIETLIKOWSKA, U.; SZYMONA, K.; WITCZAK, P.

Digestibility coefficients of corn silage with and without addition of urea. Zesz probl post nauk roln no.54:87-89 '64.

1. Department of Animal Feeding of the Central College of Agriculture, Warsaw. Head of Department:[prof.] Abgarowicz.

OGANESYAN, A.B.; ABGARYAN, D.A.

Materials on the study of weeds in the cotton fields of
Oktembryan District, Armenian S.S.R. Nauch.trudy Erev.un.
64:105-109 '58. (MIRA 11:12)

1. Kafedra botaniki Yerevanskogo gosudarstvennogo universiteta.
(Oktembryan District--Weeds)

ABGARYAN, B.T.

Dynamolectric amplifiers used as resistance compensators and voltage converters for excitation circuits in synchronous generator models. Izv.AN Arm.SSR. Ser.tekhn.nauk 11 no.4:33-44 '58. (MIRA 11:10)

1. Vodno-energeticheskiy institut AN ArmSSR.
(Electric generators) (Electric circuits)
(Engineering models)

ABGAKYAN, E.T., inzh.; SUVARYAN, G.S., inzh.

Design of large magnetic amplifiers. Vest. elektroprom 34 no.6:
34-37 Je '63. (MIRA 16:7)

(Magnetic amplifiers)

ABGARYAN, E.T., inzh.; ABOVYAN, V.O., inzh.

Testing the heating of large magnetic amplifiers. Vest.
elektroprom. 34 no.7:58-59 J1 '63. (MIRA 16:8)

ABGARYAN, E.T., inzh.; SUVARYAN, G.S., inzh.

USO magnetic power amplifiers. Elektrotehnika 35 no.6:4-7
Je '64. (MIRA 17:8)

SOV/124-58-2-2097

Translation from: Referativnyy zhurnal, Mekhanika, 1958, Nr 2, p 85 (USSR)

AUTHOR: Abgaryan, K. A.

TITLE: ~~Contribution to the Theory of the Longitudinal Impact of Elastic Bars~~ (K teorii prodol'nogo udara uprugikh sterzhney)

PERIODICAL: Tr. MAI, 1955, Nr 43, pp 54-80

ABSTRACT: Examination of the dropping of an absolutely rigid body on the free end of a vertical homogeneous elastic bar, the lower end of which is rigidly clamped. Any transverse displacements of the particles of the bars are disregarded. The problem is solved in its entirety up to the moment of the bouncing back up of the dropping body. The paper does not contain any results that are new in principle. In an attempt to explain the "physics" of the phenomenon, the author makes an incorrect assertion, namely, that upon reflection from the clamped end the compression wave would turn into a tension wave (ref. bottom of p 74).

N. F. Lebedev

Card 1/1

ABGARYAN, K.A., kand. tekhn.nauk

Theory of beams with minimum weight. Rasch.na prochn. no.8:
136-151 '62. (MIRA 15:8)

(Beams and girders)

L 20701-65 EWT(d) IJP(c)

ACC NR: AP6011991

SOURCE CODE: UR/0022/65/018/002/0003/0014

AUTHOR: Abgaryan, K. A.

ORG: Moscow Order of Lenin Aviation Institute im. S. Ordzhonikidze (Moskovskiy ordena Lenina aviatsionnyy institut)

TITLE: Reduction of a quadratic matrix to the quasi-diagonal form and expansion into components

SOURCE: AN ArmSSR. Izvestiya. Seriya fiziko-matematicheskikh nauk, v. 18, no. 2, 1965, 3-14

TOPIC TAGS: mathematic matrix, mathematics

ABSTRACT: This paper presents a quite simple method of reducing a quadratic matrix to the quasi-diagonal form. The ideas of the method have been presented briefly in a previous note. Here, the problem is discussed in more detail and from a somewhat different point of view; namely, the justification for the method is made without the use of Sylvester's theorem for the expansion of a quadratic matrix into components. Orig. art. has: 28 formulas. [JPRS]

SUB CODE: 12 / SUBM DATE: 16Sep64 / ORIG REF: 003

Card 1/1 BK

ARZHANIKOV, N.S.; SADEKOVA, G.S.; DUBASOV, V.T., retsenzent;
ABGARYAN, K.A., retsenzent; PRATUSEVICH, G.M., red.;
GAVRILOVA, T.M., red.

[Supersonic flow about bodies of revolution] Obtekanie tel
vrashchenia sverkhzvukovym potokom. Moskva, Mosk. avitatsi-
onnyi in-t im. Sergo Ordhonikidze, 1962. 65 p. (MIRA 16:4)
(Aerodynamics, Supersonic)

... ..

TITLE: Asymptotic decomposition of equations of a control process with slowly varying parameters

ABSTRACT: A system of linearized equations describing a control process is taken

$$\frac{dx}{dt} = u(t)x + a(t)z; v(t) = b(t)x$$

$$z(t) = \int_0^t w(t-\tau) v(\tau) d\tau$$
(1)

where x is a column matrix, z is a control function, v(t) is an input

L 10497-65

ACCESSION NR: AP4040366

signal of the automatic control system, $b(t)$ is a row matrix defining the law for the sharing of the signal, $w(t)$ is a weighting function of the control system, $u(t)$ is $n \times n$ matrix, and $a(t)$ is a column matrix. Its solution is sought in the general case when eigenvalues of the matrix $u(t)$ are close to each other or even coincide. For the solution of (1) a system of integrodifferential equations with a small parameter ϵ are taken, which is equivalent to system (1) when $\epsilon \rightarrow 0$. This equation is solved by the method of introducing a "slow time" proposed by N. M. Krylov and N. M. Bogol'yubov. In this relation, relations are derived by means of which the system of integrodifferential equations is decomposed into a certain number of independent systems of differential equations. Finally, the solution of system (1) is reduced to the solution of a certain number of independent systems of first-order ordinary differential equations.

ASSOCIATION: Moskovskiy Aviatsionnyy Institut im. S. Ordzhonikidze (Moscow Aviation Institute)

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