

PANIN, P. S.

Cand Agr Sci - (diss) "Characteristics of soils of the Shirvanskaya steppe in regard to salt supply." Baku, 1961. 15 pp; (Academy of Sciences USSR, Soils Inst imeni V. V. Dokuchayev); 200 copies; free; (KL, 6-61 sup, 232)

PANIN, P.S., uchitel'

Structural formulae. Khim. v shkole 16 no.1:64-66 Ja-P '61.
(MIRA 14:1)

1. Srednyaya shkola No.4, Stalinogorsk.
(Chemistry--Notation)

PANIN, P.S.

Grudges of users against designers. Avtom. telem. i svyaz' 3 no.8:39
Ag '59. (MIRA 13:2)

1. Starshiy inzhener laboratorii signalizatsii i svyazi Moskovsko-
Kursko-Donbasskoy dorogi.
(Railroads--Electronic equipment)

PANIN, P.S.

Shortcomings in the designs of dispatcher control apparatus.
Avtom., telem.i sviaz 3 no.9:33-34 S '59. (MIRA 13:2)

1. Starshiy inzhener laboratorii signalizatsii i svyazi
Moskovskoy dorogi.
(Railroads--Signaling)

Mezentsev P.S.
MEZENTSEV, A.Ya.; PANIN, P.S.

Reviewing the article "Periods for testing relays for signaling, central control and block systems." Avtom., telem. i svyaz' 2 no.2:38 P '58. (MIRA 11:1)

1. Starshiy elektromekhanik kontrol'nogo punkta Serpukhovskoy distantzii Moskovsko-Kursko-Donbasskoy dorogi (for Mezentsev).
2. Starshiy inzhener laboratorii signalizatsii i svyazi Moskovsko-Kursko-Donbasskoy dorogi (for Panin).
(Railroads--Signaling--Block system)

PANIE, P.S. (Stalinogorsk).

Oral problems on the subject "Iron." Khim.v shkole 11 no.6:37-40
M-D '56. (MLRA 9:12)

(Iron)

PANIN, P.S.

Effect of moisture on the volumetric weight of soil. Pochvovedenie
no.9:108-110 S '60. (MIRA 13:9)

1. Azgiprovodkhoz, g.Baku.
(Soil moisture)

PANIN, P.S.

Movement of salts in the leaching layer of a saline soil. Dokl.
AN Azerb.SSR 15 no.6:515-519 '59. (MIRA 12:9)

1. Predstavleno akademikom AN Azerbaydzhanskoy SSR V.R.Volobuyevym.
(Saline soils) (Soil moisture)

PANIN, P.S.

Locating faults in power cables of large cross sections. Avtom.,
telem. i sviaz' 3 no.3:33-34. Mr '59. (MIRA 12:5)

1. Starshiy inzhener laboratorii signalizatsii i svyazi Moskovsko-
Kursko-Donbasskoy dorogi.

(Electric cables--Testing)

PANIN, P.S.

Principal soil types of Dzungaria and adjacent Tien Shan and Altai
Mountains. Pochvovedenie no.3:51-58 Mr '58. (MIRA 11:4)
(Dzungaria--Soils) (Tien Shan--Soils)
(Altai Mountains--Soils)

PANIN, P.S. (g. Stalinogorsk Moskovskoy oblasti).

Determining the chemical formulas of substances. *Uchim. v shkole*
12 no.3:29-30 My-Je '57. (MLRA 10:6)
(Chemistry--Problems, Exercises, etc.)

PAHIN, P.S. (g. Stalinogorsk)

Oral solution of problems in chemistry classes. *Khim. v shkole*
10 no.6:22-24 N-D '55. (MLBA 9:1)
(Chemistry--Study and teaching)

PANIN, P.S.

PANIN, P.S. (g. Stalinogorsk)

Order of notes made for the solution of chemical problems. *Zhiv. v shkole*
10 no. 3:31-32 My-Je '55. (MIRA 8:8)
(Chemistry--Problems, exercises, etc.)

TERPUGOV, German Alekseyevich; PANIN, P.S., retsenzent; MARENKOVA,
G.I., inzh., red.; GROMOV, Yu.V., tekhn. red.

[Dispatcher control of train traffic] Dispetcherskii kontrol'
dvizheniia poezdov. Moskva, Vses. izdatel'sko-poligr. ob"edi-
nenie M-va putei soobshcheniia, 1962. 115 p. (MIRA 15:5)
(Railroads--Signaling--Centralized traffic control)
(Railroads--Train dispatching)

KOVALEV, R.V., doktor sel'khoz. nauk, otv. red.; IL'IN, V.B., kand. sel'khoz. nauk, red.; KLEVENSKAYA, I.L., kand. biol. nauk, red.; NEMLIYENKO, V.K., mlad. nauchn. sotr., red.; PANIN, P.S., kand. sel'khoz. nauk, red.; PANFILOV, V.P., kand. sel'khoz. nauk, red.; TROFIMOV, S.S., kand. sel'khoz. nauk, red.

[Transactions of the Conference of the Soil Scientists of Siberia and the Far East] Trudy Konferentsii pochvedov Sibiri i Dal'nego Vostoka. Novosibirsk, AN SSSR, 1964.

532 p. (MIRA 18:3)
1. Konferentsiya pochvedov Sibiri i Dal'nego Vostoka. Novosibirsk, 1962. 2. Biologicheskii institut Sibirskogo otdeleniya AN SSSR (for Panfilov).

PANIN, R. T.

USSR/Medicine - Insecticides

Oct 51

"Insecticidal Effect of Soap and Oil Paint When Mixed With Hexachlorocyclohexane,"
N. V. Geminov, E. I. Shvarsshteyn, R. T. Panin, Kuyvychev Oblast Pub Health Div and
Oblast Sanitary Epidemiol Sta

"Gig i San" No 10, pp 41-43

Soap mixed with hexachlorocyclohexane without any other admixt can be used successfully and economically to combat lice and as a preventive against them. Linens can be washed in a 3-5% emulsion of this soap in hot water to sterilize them. The method is simple and can be used under all conditions, because no great amt of disinfectant is needed. Rinsing and ironing lessens the activity of the insecticide in the linen. The effect of the disinfectant in the linen lasts more than 4 mos in the laboratory and 3 mos when repeated washing is necessary. Without any other admixts the soap retains its insecticidal effect for 5½ mos.

Surface oil paints with an admix of 10 and 5% hexachlorocyclohexane have a strong insecticidal effect. This effect remains for 2 mos. Hexachlorocyclohexane mixed with oil-paint loses its odor to a considerable extent.

119T94

YEZHOVA, Yu.S.; PANIN, S.M.

Preparation of molybdenum and tungsten metallographic sections.
Zav.lab. 27 no.8:1044 '61. (MIRA 14:7)
(Molybdenum--Metallography) (Tungsten--Metallography)

18.9100

26394
S/032/61/027/008/019/020
B124/B215

AUTHORS: Yezhova, Yu. S., and Panin, S. M.

TITLE: Preparation of molybdenum and tungsten ground microsections

PERIODICAL: Zavodskaya laboratoriya, v. 27, no. 8, 1961, 1044

TEXT: The following method was applied for polishing and etching molybdenum and tungsten ground microsections: After mechanical polishing, the microsection is electropolished in 10 - 12 % NaOH for 15 to 20 sec at an optimum current density of 1 - 0.8 a/cm². The current density is then reduced to 0.3 - 0.5 a/cm²; the microsection is etched for 10 - 20 sec, then washed with water, and dried with filter paper. If colored oxide films form on the microsection surface, it should be polished again for another 5 - 10 sec, since such films would disturb the structural examination. The above method was applied for obtaining microsections of molybdenum and tungsten wire of different diameters. The structure of tungsten wire 40 microns in diameter is given as an example. [Abstracter's note: Essentially complete translation.]

Card 1/1

PANIN, Stanislav Yevgen'yevich, nauchn. sotr.; KUDIKINA, Ye.,
red.

[Fishing with light] Lov ryby na svet. Kaliningrad,
Kaliningradskoe knizhnoe izd-vo, 1963. 75 p.
(MIRA 17:5)

1. Nauchno-issledovatel'skiy institut morskogo rybnogo
khozyaystva i okeanografii (for Panin).

KULIK, A.I., inzhener; ROGACH, A.P., inzhener; SALGANIK, L.D., inzhener;
PANIN, T.I., inzhener; OSTANIN, V.V., inzhener.

The use of high-alumina bricks in air preheaters. Stal' 16 no.
7:582-585 J1 '56. (MLRA 9:9)

1. Chasov-Yarskiy ognepornyy i Konstantinovskiy metallurgicheskiy zavod.

(Firebrick) (Heat regenerators)

PANIN, V.

Prospective development of communal power supply. Zhil.-kom.khoz.6
no.2:7-9 #56. (MLRA 9:7)

1.Glavnyy inzhener Glavnogo energeticheskogo upravleniya Ministerstva
kommunal'nogo khozyaystva RSFSR.
(Electric power distribution)

NEDVORYAGINA, O., red.; PANIN, V., red.; AKSYUK, A., tekhn. red.

[Lectures on vegetable gardening] Lektsii po ovoshchevodstvu.
Kishinev, Izd-vo sel'khoz.lit-ry, 1962. 158 p.

(MIRA 16:4)

1. Moldavian S.S.R. Ministerstvo proizvodstva i zagotovok sel'-
khozproduktov.

(Moldavia--Vegetable gardening)

PANIN, V.

Improving the equipment in communal electric power stations and electric networks. Zhil.-kom.khoz. 6 no.3:6-8 '56. (MLRA 9:8)

1. Glavnyy inzhener Glvnogo energeticheskogo upravleniya Ministerstva kommunal'nogo khozyaystva RSFSR.
(Electric power distribution)

PANIN, V.

Experimental remote control section of the Penza electric power system, Zhil.-kom. khoz. 8 no. 8:25 '58. (MIRA 11:8)

1. Glavnyy inzhener Glavenergo Ministerstva kommunal'nogo khozyaystva RSFSR.

(Penza--Electric power distribution)
(Remote control)

PANIN, V.

Where do out millions of kilowatts go? Zhil.-kom. khoz. 11
no.8:28-29 Ag '61. (MIRA 14:9)

1. Glavnyy inzhener upravleniya kommunal'noy energetiki Minis-
terstva kommunal'nogo khozyaystva RSFSR.

(Electric power distribution)

CHEBOTAR', Sof'ya Trofimovna, zven'yevaya; PANIN, V., red.; NAGIRNYAK, Ye., red.; YANDOVSKIY, V., tekhn. red.

[How we got 118 centners of corn per hectare] Kak my vyrastili 118 tsentnerov zerna kukuruzy s hektara. Kishinev, Izd-vo sel'khoz. lit-ry M-va proizvodstva i zagotovok sel'khozproduktov MSSR, 1962. 25 p. (MIRA 15:6)

1. Kolkhoz "Zavet Lenina" Floreshtskogo rayona (for Chebotar'). (Moldavia--Corn(Maize))

GLUSHKO, B.V., zasl. agronom Moldavskoy SSR, kand. sel'khoz. nauk;
YANKOVSKAYA, I.P., agronom-ekonomist; PANIN, V., red.;
GORYACHENKO, F., tekh. red.

[Efficient use of collective-farm land] Po-khoziaiski ispol'-
zovat' kolkhoznuu zemliu. Kishinev, Izd-vo sel'khoz.lit-ry
MSKh MSSR, 1962. 20 p. (MIRA 15:7)

1. Predsedatel' kolkhoza "Vyatsa nouye" Teleneshtskogo rayona
(for Glushko). 2. Kolkhoz "Vyatsa nouye" Teleneshtskogo rayona
(for Yankovskaya).

(Teleneshty District—Agriculture)

PANIN, V.

Generation of electricity at central heating plants is the basic source for economizing fuel. Zhil.-kom. khoz. 8 no. 6:7-9 '58.
(MIRA 11:7)

1. Glavnyy inzhener Glavenergo Ministerstva kommunal'nogo khozyaystva RSFSR.
(Heating from central stations)

PANIN, V., inzhener.

Increasing the reliability and economical performance of
diesel electric power stations. Zhil.-kon.khoz. 7 no.9:10-11
'57. (MIRA 10:10)
(Diesel electric power plants)
(Diesel engines--Cooling)

PANIN, V., inzhener.

Standard plans for transformer substations. Zhil.-kom. khoz. 7 no.1:
24-25 '57.

(MLRA 10:4)

(Electric substations)

PANIN, V.

Increase the efficiency of street lighting. Zhil.-kom. khoz. 10
no.5:11-13 '60. (MIRA 13:10)

1. Glavnyy inzhener Upravleniya kommunal'noy energetiki Minis-
terstva kommunal'nogo khozyaystva RSFSR.
(Street lighting)

PANIN, V.

Shift to the seven-hour workday and organization of wages in the public electric power system. Zhil.-kom. khoz. 10 no.7:10-13 '60. (MIRA 13:10)

1. Glavnyy inzhener Upravleniya kommunal'noy energetiki Ministerstva kommunal'nogo khozyaystva RSFSR.
(Hours of labor) (Wages) (Electric power plants)

PANIN, V.; SHAPKIN, P.; POPOV, A.; DOBRYNIN, B.; RAKITIN, A.

What type of studies do we need. Sov. profsoiuzy 20 no.3:
20-21 F '64. (MIRA 17:3)

1. Organizatory profsoyuznoy gruppy Michurinskogo paro-
vozoremontnogo zavoda, Tambovskoy oblasti.

PANIN, V. (Vil'nyus)

Life prompts. Voen. znan. 39 no.11:26 N '63. (MIRA 17:2)

PANIN, V., inzh.

Automatic device for the regulation of lighting. Zhil,-kom. 12
no.3:34 Mr '62. (MIRA 15:10)

(France—Electric lighting)
(Automatic control)

PANIN, V.

Basic shortcomings of the DAN-125D system. *Rech. transp.*
24 no. 6:26-27 '65. (MIRA 12:2)

1. Gruppovoy mekhanik Podtesovskoy remontno-ekspluatatsionnoy bazy.

PANIN, V. A. Cand Biol Sci -- "Biological and forestry peculiarities of ~~the~~
~~shapes~~ ^{trees} of spruces of the central-tayga belt of the European USSR." Novosibirsk,
1960 (Acad Sci USSR. Siberia Department. Joint Academic Council for Biol Sci).
(KL, 1-61, 189)

PANIN, V.A.

Characteristics of sugar beet autotetraploids in connection
with the level of their heterozygosis. Dokl. AN SSSR 158 no.1:
206-207 S-0 '64 (MIRA 17:8)

1. Glavnyy botanicheskiy sad AN SSSR. Predstavleno akademikom
N.V.TSitsinym.

TRUKHANOV, V.A.; PANIN, V.A. [Panin, V.O.]; SHEVTSOV, I.A.

Some problems concerning the selectivity of fertilization in
diploid and tetraploid sugar beets. Ukr. bot. zhur. 22 no.4:
3-7 '65. (MIRA 18:10)

1. Institut botaniki AN UkrSSR, otdel genetiki.

LUTKOV, A.N.; PANIN, V.A.; PANINA, Ye.B.; KARTASHEVA, Z.P.;
SHCHIPACHEVA, E.N.

Polyploid sugar beets. Priroda 52 no.11:59-61 '63.
(MIRA 17:1)

1. Institut tsitologii i genetiki Sibirskogo otdeleniya AN
SSSR, Novosibirsk.

ZOSIMOVICH, V.P. [Zosymovych, V.P.]; PANIN, V.A. [Panin, V.O.]

Study of reciprocal triploid hybrids and parental forms of sugar
beets, Dop. AN URSSR no.7:950-953 '65.

(MIRA 18:8)

1. Institut botaniki AN UkrSSR. 2. Chlen-korrespondent AN UkrSSR
(for Zosimovich).

PANIN, V.A. [Panin, V.O.]; PANINA, Ye.B. [Panina, IE.B.]

Characteristics of the pollen of autoployploid and diploid forms of
the beet. Ukr. bot. zhur. 22 no.2:28-35 '65. (MIRA 18:4)

1. Institut botaniki AN UkrSSR, otdel genetiki.

PANIN, V.A.

Spruce bearing red and green cones and their capacity for early or late opening of buds. Dokl. AN SSSR 142 no.3:723-724 Ja '62.
(MIRA 15:1)

1. Sibirskoye otdeleniye AN SSSR. Predstavleno akademikom V. N. Sukachevym.

(Spruce)

PANIN, V.A.

Stabilized rectifier with a series transformer. Vop. rasch. 1
konstr. elektron. vych. mash. no.1:142-153 '60. (MIRA 14:1)
(Electronic calculating machines) (Voltage regulators)

PANIN, V.A.

Two-color enigma. Priroda no.6:107 Je '60.
(MIRA 13:6)

1. Sibirskoye otdeleniye Akademii nauk SSSR, Novosibirsk.
(Spruce)

PANIN, V. A.

PHASE I BOOK: EXPLANATION

Машинно-используемая термисторная мезотехнология
Туровы methods i konstruirovaniya elektronnykh vychislitel'nykh mashin, vyp. 1
(problems of the construction and design of Electronic Computers, v. 1) Moscow, Nauka, 1956. 124 p. - Extracts ally inserted. 6,000 copies printed.

Или: V. A. Koberavskiy, Doctor of Technical Sciences; Ed. of Publishing House: A. N. Akhmanov, Tech. Ed.: B. I. Model; Managing Ed. for Literature on Machine Building and Instrument Construction: F. V. Soborovskiy, Engineer.

FOREWORD: This collection of articles is intended for scientists and technicians working in computer-machine building and related fields.

CONTENTS: This collection of articles presents the results of investigations related to the design and development of electronic computers. It examines the realization of some general and special algorithms by means of digital and analog computers, investigations of errors in the realization of functional relationships in digital computers, and the design and construction of digital computers based on various principles of organization. Methods of computation and the basic characteristics of stabilized supply sources for digital and analog computers, methods of computing standard circuits, and problems related to the reliability of computers are examined. No personalities are mentioned. References occur only where of the articles.

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AVAILABLE: Library of Congress

PANIN, V.A. [Panin, V.O.]

Johann Gregor Mendel; on the 100th anniversary of his discovery
of the laws of heredity. Ukr. bot. zhur. 22 no. 5: 97-100 '65.
(MIRA 18:10)

GOROKHOVSKIY, S.I.; KITAYGORODSKIY, A.P.; PANIN, V.I., red.; BOBYLEVA,
L.V., red. izd-va; LELYUKHIN, A.A., tekhn. red.

[Experience in the operation of the Taganrog municipal power
system] Opyt raboty taganrogskei gorodskoi elektroseti. Moskva,
Izd-vo M-va kommun. khoz. RSFSR, 1958. 26 p. (MIRA 11:12)
(Taganrog--Electric power distribution)

PANIN V.I.
PANIN, V.I., inzh.

Failure of an earth dam during the filling of a hydroelectric
power station reservoir. Energetik 5 no.10:28-29 0 '57. (MIRA 10:12)
(Dams) (Bystritsa River--Electric power plants)

ACC NR: AT6032748

SOURCE CODE: UR/0000/66/000/000/0185/0190

AUTHOR: Turchaninov, I. A.; Panin, V. I.

ORG: none

TITLE: Possibilities of applying sonics and ultra-sonics to determine the deformation characteristics of rocks and the stress state of a solid mass in rocks of the Kola Peninsula

SOURCE: AN OOOH. Institut fiziki Zemli. Geoakustika; ispol'zovaniye zvuka i ul'trazvuka v seysmologii, seysmorazvedke i gornom dele (Geoacoustics; the use of sound and ultrasound in seismology, seismic prospecting, and mining). Moscow, Izd-vo Nauka, 1966, 185-190

TOPIC TAGS: ultrasonic logging, rock failure, elastic wave ~~propagation~~, ULTRASONIC wave propagation, PETROLOGY, ULTRASONICS, ELASTICITY, PRESSURE MEASUREMENT

ABSTRACT: The results of experiments by the Laboratory of Rock Failure of the Metallurgical Mining Institute of the Kola Branch of the Academy of Sciences USSR on the use of ultrasonics in investigating rock pressure in laboratory ore samples are described. The IPA-59 pulse apparatus was used; Rochelle salt crystals served as emitters and

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ACC NR: AT6032748

receivers of the ultrasonic oscillations. The main purpose of the laboratory experiments was to establish the dependence of the longitudinal wave velocity on the pressure when the wave propagation coincides with the direction of force. In this case the velocities obtained correspond to the longitudinal wave velocities in the rock mass, inasmuch as the ratio of the sample diameter to wavelength is considerably greater than one. The longitudinal and transverse deformations of the sample were measured by a wire-type strain gauge. The ISD-2 static deformation gauge served as recorder. On the basis of measured velocity values and longitudinal and transverse deformations and formulas from the theory of elasticity, the elastic rock characteristics were computed, i.e., the dynamic and static moduli of elasticity and the coefficient of transverse deformation. The experiments showed that the velocity of elastic wave transmission through the samples did not change as pressure was increased to rock failure level. Orig. art. has: 5 figures.

SUB CODE: 08/ SUBM DATE: 28Mar66 /

Card 2/2

I 44593-66 EWT(1)/EWT(m)/T IJP(c) DS/DJ/GG
ACC NR: AR6010509 SOURCE CODE: UR/0196/65/000/010/B008/B008

43
42
B

AUTHOR: Kalyatskiy, I. I.; Panin, V. F.

TITLE: Pulsed electrical breakdown of parallel systems of air and a liquid dielectric

SOURCE: Ref. zh. Elektrotehnika i energetika, Abs. 10B49

REF SOURCE: Sb.Proboy dielektrikov i poluprovodnikov. M.-L., Energiya, 1964, 240-243

TOPIC TAGS: dielectric breakdown, liquid dielectric

ABSTRACT: The comparative pulse resistance of interelectrode "rod-rod" gaps is investigated (see figure for a sketch of the arrangement of the electrode system) arranged in air S_{air} , transformer oil/ S_{oil} , and at the boundary between the "air-liquid" media S_{sur} . By varying the ratio of the gaps S_{air} , S_{sur} , and S_{oil} , inter-electrode gaps of equal resistance were determined, i.e., such 2 gaps between S_{sur} and S_{air} , or S_{sur} and S_{oil} , each of which would be penetrated in 8-12 pulses out of 20. For gaps of equal resistance, a 50% discharge voltage was determined (the time of the effect of the voltage was 1; 5.5; and 55 μ sec). The difference in penetrating voltages S_{air} and S_{sur} increases as the distances between the electrodes increase, and as the time of effect of the voltage decreases. The ratio of gaps of equal resistance, S_{sur}/S_{oil} , decreases sharply as the discharge voltage increases (which corresponds to an increase in distance). The decrease in the difference in resistances of gaps S_{sur}

UDC: 621.315.615.2+621.315.618.2:621.3.015.51

Card 1/2

188200

40986

S/659/62/009/000/020/030
I003/I203

AUTHORS: Panin, V. E., and Sukhovarov, V. F.

TITLE: On the strengthening of solid solutions

SOURCE: Akademiya nauk SSSR. Institut metallurgii. Issledovaniya po zharoprochnym splavam v. 9. 1962. Materialy Nauchnoy sessii po zharoprochnym splavam (1961 g.), 145-150

TEXT: The present investigation of the relationship between the latent energy of deformation and the crystal structure of deformed copper-base alloys, containing, Al, Zn, and Ni, was carried out to check the hypothesis that for alloys with the same chief components the latent energy of deformation, other conditions being equal, should be higher the higher the concentration of the alloying element and the greater the relative difference between the atomic radii of the components involved. The results show that as might have been expected the energy adsorbed by copper and copper-base alloys on deformation increases along the following series: Cu, Cu + 10 at % Ni, Cu + 10 at % Zn, Cu + 10 at % Al. It is concluded that the latent energy of deformation depends both on the length of the block boundaries of the mosaic structure and also on their energy. In the discussion, L. N. Guseva noted that the results of the present work confirm the conclusions drawn from her works on the crystal structure formed during the strengthening of solid solutions. There are 2 figures and 1 table.

K

Card 1/1

DAN. N. 118

MO. 15. 1981

PANIN, V.I., inzh.

Scientific and technical conference on efficient use of electric
power in street lighting. Svetotekhnika 8 no.5:24-26 My '62.

(MIRA 15:6)

(Street lighting)

(Electric power)

PANIN, V.I.

"New equipment for collective housing"; a collection. Energetik
10 no.5:38 My '62. (MIRA 1:5:5)
(Electric power distribution) (Electric power plants)

LIBERMAN, G.R.; TAYTS, A.A.; PANIN, V.I., spets. red.;
MINAYEV-TSIKANOVSKIY, V.A., red.

[Electric power and heat supply of cities; collection of scientific and technical information] Elektrosnabzhenie i teplosnabzhenie gorodov; nauchno-tehnicheskii informatsionnyi sbornik. Moskva, Izd-vo M-va kommun. khoz. RSFSR, 1963. 162 p. (Novaia tekhnika zhilishchno-kommunal'nogo khoziaistva, no.4) (MIRA 18:8)

1. Russia (1917- R.S.F.S.R.) Ministerstvo kommunal'nogo khozyaystva. Tekhnicheskoye upravleniye.

PANIN, Vasily Ivanovich; LIBERMAN, G.R., red.; OTOCHEVA, M.A., red.izd-va;
NAZAROVA, A.S., tekhn.red.

[Small and medium boiler systems] Kotel'nye ustanovki maloi i
srednei moshchnosti. Moskva, Izd-vo M-va kommun.khoz.RSFSR, 1960.
278 p. (MIRA 14:1)

(Boilers)

LIBERMAN, G.R., inzh.; FAYN, A.G., inzh.; FINGER, L.M., inzh.;
PANIN, V.I., inzh., spets. red.; KLOPOTOV, K.K., inzh.,
red.; TEL'NOV, N.V., red.izd-va; LELYUKHIN, A.A., tekhn.
red.

[Supply in electricity and heat in the cities] Elektrosnab-
zhenie i teplosnabzhenie gorodov; nauchno-tekhnicheskii in-
formatsionnyi sbornik. Moskva, Izd-vo M-va kommun.khoz.
RSFSR, 1961. 141 p. (MIRA 15:2)

1. Russia (1917- R.S.F.S.R.) Ministerstvo kommunal'nogo
khozyaystva. Tekhnicheskoye upravleniye.
(Municipal services)

PANIN, Vasilii Ivanovich; LIBERMAN, G.P., red.

[Boiler systems with small and medium power ratings] Kotel'nye ustanovki maloi i srednei moshchnosti. Izd.2., perer. i dop. Moskva, Izd-vo lit ry po stroit., 1964. 366 p.
(MIRA 17:10)

PANIN, V.M., Cand Vet Sci—(diss) "Paths of lymph outflow from the respiratory organs of calves and their significance in the pathogenesis of certain pulmonary diseases." Alma-Ata, 1958. 11 pp, incl cover (Min of Agr USSR. Alma-Ata Zoo-Vet Inst), 150 copies (M, 26-52, 114)

-121-

Country : USSR
Category : Farm Animals. Cattle. Q
Abs. Jour : Ref Zhur-Biol., No 21, 1956, 96831
Author : Panin, V. M.
Institut. : Alma-Ata Zooveterinary Institute.
Title : Lymph-Flow Paths from the Nasal Cavity, Larynx,
Trachea and Bronchi in Calves.
Orig Pub. : Tr. Alma-Atinsk. zoovet. in-ta, 1957, 10, 310-325
Abstract : By using the methods of interstitial injection, roentgenography and preparation, it was shown on 49 embryos 6 1/2 to 9 months old, 18 cadavers of calves 10 days to 4 months old, and 9 live calves 25-125 days old that still smaller delicate networks are located in the loops of the superficial and deeplying networks of the lymphatic capillaries of the mucosa. They represent the initial element for the lymph-flow, which then enters the superficial and deeplying-
Card: 1/2

PANIN, V.M., kand. veterin. nauk; OMAROV, Zh.O., dotsent

Amputation of horns in rams. Veterinariia 39 no.7:69-70 31 '62.
(MIRA 18:1)

1. Alma-Atinskiy zooveterinarnyy institut.

PANIN, V. M. (Candidate of Veterinary Sciences) and OMAROV, Zh. O. (Assistant Professor, Alma-Ata Zooveterinary Institute)

"Amputation of horns in rams"

Veterinariya, vol. 39, no. 7, July 1962 pp. 69

MAKSIMENKO, A.F., prof.; PANIN, V.M., aspirant

Treatment of chronic purulent and catarrhal pneumonia of calves with a novocaine block of the stellate ganglia in conjunction with intrasternal penicillin. Trudy AZVI 10:298-305 '57.

(MIRA 12:8)

1. Iz kafedry operativnoy khirurgii i topograficheskoy anatomii (zav. kafedroy - doktor prof. A.F.Maksimenko) Alma-Atinskogo zoovetinstituta.

(Calves--Diseases) (Novocaine) (Penicillin)

CATEGORY : Noninfectious Diseases.
 ABS. JOUR. : RZhBiol., No. 3, 1959, No. 12189
 AUTHOR : Lukatskiy, A. F.; Radin, V. A.
 1959 : Abstracts of the 1st International Conference on the Pathology of the Heart and Blood Vessels, Bratislava, 1958, 10, 290-305
 ORIG. PUB. : Tr. Akad. Nauk. SSSR, 1959, 10, 290-305
 ABSTRACT : When a considerable number of calves with chronic purulent-sterile pneumonia had been developed on the basis of the experimental lowered resistance, and some calves were treated with this method, a favorable therapeutic effect was produced. The application of this method of treatment in pneumonic conditioned by paratyphoid infection is not excellent. -- A. D. Stein

Card:

1/1

Introducing Penicillin Intracardially.

PANIN, V.M. (Candidate of Veterinary Sciences, Alma-Ata Zooveterinary Institute).

"Treatment of subacute and chronic bronchopneumonia in calves..."
Veterinariya, vol. 39, no. 3, March 1962 pp. 67

PANIN, V.M., aspirant

Paths of lymph flow from the nasal cavity, larynx, trachea,
and bronchi in calves. Trudy AZVI 10:310-325 '57.

(MIRA 12:8)

1. Iz kafedry operativnoy khirurgii i topograficheskoy anatomii
(zav.kafedroy - doktor prof. A.F.Maksimenko) Alma-Atinskogo
zoovetinstituta.

(Lymphatics) (Calves--Anatomy)

Pumping Machinery

Energy losses in various parts of a water-jet pump. Energ. biul., No. 3, 1952.

SO: Monthly List of Russian Accessions, Library of Congress, June 195²₃, Uncl.

PANIN, V.N.

Mechanized maintenance of ornamental shade trees and urban park
foresta. Gor. khoz. Mosk. 34 no.9:17-20 S '60. (MIRA 13:9)

1. Starshiy inzhener proizvodstvenno-tekhnicheskogo otdela
Upravleniya blagoustroystva g. Moskv.
(Agricultural machinery)

PANIN, V. S.

20903 Panin, V. S. Cavoyniye tsitruovykh v Uzbekistane i zadachi selektai.
Sots. sel. khoz-vo Uzbekistana, 1949, No 1, s. 79-81

SO: L TOPIS ZHRUNAL STATEY - Vol. 28, Moskva, 1949

PANIN, V. T.

PANIN, V. T. (Veterinarian,) Sulfantrol in pulmonary diseases of calves.

So: Veterinariya; 23; (12): December 1946; Uncl.

TABCON

PANIN, V.V.; KLYUYEV, M.M.; TOPILIN, V.V.; DRUZHININA, N.P.

Investigating temperature fields in electric slag ingots.
Izv. vys. ucheb. zav.; Chern. met. 6 no.9:77-82 '63.(MIRA 16:11)

1. Zavod "Elektrostal".

PANIN, V.V. ; MOLCHANOV, Ye.I.; PLOTKIN, Ye.R.

Heat processes during the solidification of ingots following
electric slag refining. Izv. vys. ucheb. zav.; chern. met. 6
no.9:83-87 '63. (MIRA 16:11)

1. Tsentral'nyy nauchno-issledovatel'skiy institut tekhnologii i
mashinostroyeniya.

PANIN, V.V.; BOROVSKIY, O.B.; IVAKHNENKO, I.S.; IODKOVSKIY, S.A.

Behavior of a drop and a liquid bath surface during electric
slag remelting. Avtom. svar. 17 no.2:72-74 F '64.

(MIRA 17:9)

1. Tsentral'nyy nauchno-issledovatel'skiy institut tekhnologii i
mashinostroyeniya.

~~PANIN, Valerian Valerianovich~~, inzh.; POPOV, Petr Ivanovich, kand. tekhn.
nauk, dotsent; TERE~~N~~T'YEV, Vladimir Georgiyevich

Study of the reliability of commutators using contactless elements.
Izv. vys. ucheb. zav.; elektromekh. 7 no.2:228-238 '64.

(MIRA 17:4)

1. Kafedra avtomatiki i telemekhaniki Moskovskogo inzhenerro-
fizicheskogo instituta.

ACCESSION NR: AP4025741

S/0144/64/000/002/0228/0238

AUTHOR: Panin, Valerian Valerianovich (Engineer); Popov, Petr Ivanovich (Candidate of technical sciences, Docent); Terent'yev, Vladimir Georgiyevich (Assistant)

TITLE: Investigation of reliability of contactless-element switching circuits

SOURCE: IVUZ. Elektromekhanika, no. 2, 1964, 228-238

TOPIC TAGS: switch, cyclic switch, sequence switch, contactless switch, contactless switch reliability

ABSTRACT: The successive cyclic switching of channels in telemeter or remote-control systems is theoretically considered. An optimum structure of the (ring or binary) switch scheme is determined on the basis of the number of channels N and failure rates of the scheme components. Formulas for the number of transistors, diodes, and the faultless-operation probability are developed for the

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ACCESSION NR: AP4025741

ring scheme and the binary scheme (with a rectangular, pyramidal, or minimal matrix). It is found that the required number of channels always determines the dimensionality k of the matrix with a selected switch structure. The proper choice of k has an important bearing on the required number of diodes and the resulting reliability. With an optimum k , the reliability of all switch schemes is practically the same. Orig. art. has: 6 figures and 30 formulas.

ASSOCIATION: none

SUBMITTED: 10Apr62

DATE ACQ: 16Apr64

ENCL: 00

SUB CODE: EC

NO REF SOV: 001

OTHER: 001

Card 2/2

July 11, 1958
ALEKSEYEV, B. A., ZOLOTAREV, V. S., PANIN, V. V., SHCHEPKIN, G. Y. and
CHERNOTOTOV, E. S.

"Electromagnetic Separation of Isotopes of the Rare-Earth Elements."

paper to be presented at 2nd UN Intl. Conf. on the peaceful uses of Atomic
Energy, Geneva, 1 - 13 Sep 58.

18(5)

AUTHOR:

Panin, V.V., Engineer

SOV/123-59-7-19/25

TITLE:

Burning-Out of Components During Melting in Induction Furnaces

PERIODICAL:

Liteynoye Proizvodstvo, 1959, Nr 7, pp 43-44 (USSR)

ABSTRACT:

This article deals with the experiments done for the determination of the melting loss in induction furnaces of a contents or charge from 12 to 50 kilograms, the walls of which had been lined either with acid or basic bricks. The chemical breakdown of both types of lining are published. Although the results of the meltings are dependent still from various other elements they are nevertheless important with regard to their large number. By means of one table the results of the experiments made with various alloys of C, Si, Mn, Qr, N, Nb, W, Ms, and Ni are published. There are 1 table and 6 diagrams

Card 1/1

PANIN, V.V (Moskva)

Electric slag refining. Izv. AN SSSR. Otd. tekhn. nauk. Met. 1
topl. no.2:32-35 Mr-Apr '62. (MIRA 15:4)
(Electrometallurgy) (Zone melting)

ACCESSION NR: AP4013085

S/0125/64/000/002/0072/0074

AUTHOR: Panin, V. V.; Borovskiy, O. B.; Ivakhnenko, I. S.;
Iodkovskiy, S. A.

TITLE: Behavior of a drop and the liquid-puddle surface in electrosag remelting

SOURCE: Avtomaticheskaya svarka, no. 2, 1964, 72-74

TOPIC TAGS: remelting, electrosag remelting, molten metal drop, metal
puddle, welding

ABSTRACT: An experimental x-ray investigation of the processes of formation
of a molten-metal drop, its motion in the slag, and the behavior of the liquid-
metal puddle is reported. Type 30 and 1Kh18Ni2 steels were remelted in an
aluminum single-wall crystallizer of 80-mm ID, cooled by a water drain. Flux
ANF-6 was used in 10 melts, and OSTs-45, in 2 melts; electrode diameter,
30-45 mm; carbon and austenitic steels were remelted. Twin electrodes, one

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ACCESSION NR: AP4013085

current-carrying and the other nonenergized, or one consumable (steel) and the other nonconsumable (tungsten), were used to study the effect of the current on the size of the drop. Upon a fusing of the flux, discharges occur between the electrode and the starter; this is accompanied by a rapid emission of 10-15-mm drops. Details of visually observable phenomena are given, as well as two pictures of the arc. Orig. art. has: 2 figures.

ASSOCIATION: TsNIIImash (Central Scientific-Research Institute of Heavy Machine Building)

SUBMITTED: 01Feb63

DATE ACQ: 26Feb64

ENCL: 00

SUB CODE: ML

NO REF SOV: 000

OTHER: 000

Card 2/2

S/180/62/000/002/002/018
E111/E135

AUTHOR: Panin, V.V. (Moscow)

TITLE: Some Problems of electroslag remelting

PERIODICAL: Akademiya nauk SSSR. Izvestiya. Otdeleniye
tekhnicheskikh nauk. Metallurgiya i toplivo,
no.2, 1962, 32-35

TEXT: The author discusses the following three aspects of electroslag remelting. Firstly, the metal/slag contact time during solidification of the ingot is relatively large compared with the contact time for drops, since normally the depth of the metal bath is about half the mould diameter; drop formation time (e.g. 0.33 sec) is large compared with the drop transit time, e.g. 0.12-0.17 sec. Secondly, the most favourable conditions for refining exist in the drop-formation period. Thirdly, although under diffusion-control conditions reactant temperature is not decisive and there is therefore not much difference between the various periods of electroslag remelting, the drop-formation period (highest temperature) is the most

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Some problems of electroslag ...

S/180/62/000/002/002/018
E111/E135

favourable for refining. On the basis of all physico-chemical factors in refining the drop-formation period is also likely to give the most rapid reactions. To check these views the author carried out experiments on type Steel 45, studying desulphurization under conditions constant as regards slag but variable electrically. In one series the voltage was removed and the electrode rapidly removed from the slag, i.e. for a short period desulphurization proceeded only through the desulphurizing effect of the slag. In the second the electrode was rapidly raised until the circuit was broken, i.e. both slag and electrical conditions affected desulphurization. In the third, two moulds of different heights but equal diameter were used, the smaller being placed on top of the larger; when almost all the slag had been displaced into the upper mould it was raised rapidly, the slag emptying almost instantly and stopping instantly the desulphurization: up to the very end of the melting period the electrical conditions remained constant. Examination and analysis of the ends of electrodes, the droplets and the ingot in all the series showed that both

Card 2/3

L 07259-67

EWT(d)/EWT(m)/EWP(f)/EWP(c)/EWP(v)/EWP(k)/EWP(h)/EWP(l) GD

ACC NR: AT6025314

SOURCE CODE: UR/0000/66/000/001/0130/0133

AUTHOR: Panin, V. V.; Popov, P. I.

34
33
B+1

ORG: none

TITLE: The three-operation problem and its application to mass servicing

SOURCE: Moscow. Inzhenerno-fizicheskiy institut. Upravleniye yadernymi energeticheskimi ustanovkami (Control of nuclear power plants), no. 1. Moscow Atomizdat, 1966, 130-133

TOPIC TAGS: operations research, servicing technique, minimization, PRODUCTION
ENGINEERING

ABSTRACT: The authors deal with a technological process consisting in the finishing of n articles at three different operating places. At a given instant of time, one and only one article can be processed at a given working place. Each article is assumed to pass through the three working places in a strictly defined sequence. The times that the given article is worked on in the three different places is different. The question is to determine the sequence of processing n articles in such a way as to perform the complete operation with minimum time. Expression for the total time are given for various relations between the operation times and the problem is reduced to a minimax equation in matrix form. An inequality for satisfaction of the minimax condition is derived, after which the optimal sequence can be determined by

Card 1/2

L 07259-67

ACC NR:

constructing a proper graph and finding the Hamiltonian path through it. Orig. art. has: 1 figure and 7 formulas

SUB CODE: 13,12 / SUBM DATE: 27Dec65 / ORIG REF: 000 / OTH REF: 001 /

plant scheduling 14

RYBIN, V.A.; PANIN, V.Ya., red.; MEDVEDEV, O.L., tekhn. red.

[Methods for the vegetative propagation of walnut] Sposoby ve-
getativnogo razmnozheniia gretskogo orekha. Kishinev, Izd-vo
"Shtiints" Moldavskogo filiala Akad. nauk SSSR, 1961. 28 p.
(MIRA 14:7)

(Walnut)

(Grafting)

PANIN, V.Ya., red.; MARKOVICH, G.L., tekhn. red.

[Traffic regulations for the streets and roads of the
U.S.S.R.] Pravila dvizheniia po ulitsam i dorogam Soiuza SSR.
Utverzhdeny prikazom Ministerstva vnutrennikh del SSSR No.25
ot 11 ianvaria 1960 g. Kishinev, Izd-vo "Shtiintsa" MF AN
SSSR, 1961. 125 p. (MIRA 15:7)
(Traffic regulations)

PANIN, V.Ya.

Helminths of rodents of western Kazakhstan. Trudy Inst. zool.
AN Kazakh. SSR 5:84-97 '56. (MLRA 9:12)

(Kazakhstan--Worms, Intestinal and parasitic)
(Parasites--Rodentia)

COUNTRY : USSR.
 CATEGORY : Zoological Parasitology. Parasitic Worms. G
 : General Problems.
 ABS. JOUR. : RZhBiol., No. 14, 1958 No. 62591.
 AUTHOR : Panin, V. Ya.
 INST. : Academy of Sciences KazSSR.
 TITLE : Biology of the Trematodes *Prosthogonimus ovatus*
 (Rud., 1803) and *Prosthogonimus cuneatus* (Rud.,
 1809), parasites of the Fabrician Sac and Ovi-
 ORIG. PUB. : KazSSR Gylym Akad. khabarлары, Izv. AN KazSSR,
 ser. biol., 1957, vyp. 2 (14), 53-65.
 ABSTRACT : The development of prosthogonims at 22-25°
 lasts 12-14 days. In the capacity of inter-
 mediate hosts for *P. ovatus* and *P. cuneatus*,
 in the conditions of the Zaysan Lake, serve 3
 species of mollusks: *Bithynia leachi*, *Gyraulus*
 gredleri and *G. Albus*. Additional hosts for the
 parasites are the dragon flies: *Libellula*
 quadrimaculata, *Anax parthenope* and *Sympetrum*
 depressiculum. The life duration of *P. cune-*
 atus in the organism of chicks is up to 2½
 months, after which they abandon the birds'

CARD: 1/2

*duct in the Domestic Fowl.

5

PANIN, V.Ya.

Variability of morphological characters and its significance in the systematics of trematodes of the genus *Prosthogonimus* Lühe, 1909. Trudy Inst. zool. AN Kazakh. SSR 7:170-215 '57. (MLRA 10:9)
(Trematoda)

USSR/Zoological Parasitology - Parasitic Worms. Helminthes.

G.

Abs Jour : Ref Zhur - Biol., No 11, 1958, 48192

Author : Panin, V.Ya,

Inst : Institute of Zoology, AS KazSSR.

Title : The Distribution of Trematodes of the Genus Prosthogonimus Among Wild Birds and the Natural Nidus of Prosthogonimiasis.

Orig Pub : Tr. In-ta zool. AN KazSSR, 1957, 7, 216-226.

Abstract : In the region of the lake of Zaysan, P. cuneatus is the most widely distributed tetramode, affecting 42.2% of all prosthogonimus-infected birds. It is registered in 19 species of water birds (32.4%) and land birds (67.6%). P. cuneatus appears to be the principal stimulus of prosthogonimiasis of the domestic hen. From the total of prosthogonimus-infected birds, 33.6% is shared by P. ovatus.

Card 1/2

PANIN, V.Ya., Cand Biol Sci -- (diss) "*Prosthogonimus trematodes*
of ~~XXXXXXXXXX~~ domestic ~~chickens of Vostok~~ ^(chickens of Vostok) East-Kazakhstanskaya

Oblast (Systematics, distribution, biology, and
~~management~~ ^{economic significance} ~~management~~ ^{management})." Alma-Ata, 1958, 15 pp

(Kazakh ~~SSR~~ State Univ im S.M. Kirov. Biol Soil Faculty)

150 copies (KL, 28-58, 104)

PANIN, V. Ya.

Dragonflies as carriers of prostogonimosis in the Zaysan depression.
Trudy Inst. zool. AN Kazakh. SSR 9:164-166 '58. (MIRA 11:7)
(Zaysan region--Dragonflies as carriers of disease)
(Trematoda)

SOKOLOVA, I.B.; PANIN, V.Ya.

Intermediate hosts of *Moniezia*, *Thysaniezia*, and
Abitellina in Kazakhstan. Trudy Inst.zool.AN Kazakh.
SSR 12:145-149 '60. (MIRA 13:7)
(Kazakhstan--Cestoda)
(Insects as carriers of disease)

PANIN, V.Ya.

Helminth fauna of birds in the Zaysan Depression. Trudy
Inst.zool.AN Kazakh.SSR 12:166-172 '60. (MIRA 13:7)
(Zaysan region--Worms, Intestinal and parastic)
(Parasites--Birds)

PAHIN, V. Ya.

Scientific conference on problems in the parasitology of
Kazakhstan and Central Asian republics. Zool.zhur. 39
'60. (MIRA 13:6)
(Kazakhstan--Parasitology--Congresses)
(Soviet Central Asia--Parasitology--Congresses)

GALUZO, I.G., akademik, otv. red.; GVOZDEV, Ye.V., red. toma; BOYEV, S.N., akademik, red.; ORLOV, N.P., red.; PANIN, V.Ya., red. PETROV, V.S., red.; SHEVCHENKO, V.V., red.; GLAZYRINA, D.M., red.; ROROKINA, Z.P., tekhn. red.

[Natural focus of diseases and problems of parasitology] Prirodnaia ochagovost' boleznei i voprosy parazitologii; trudy. Alma-Ata, Izd-vo Akad. nauk Kazakhskoi SSR. No.3. 1961. 668 p. (MIRA 15:3)

1. Konferentsiya po prirodnoy ochagovosti bolezney i voprosam parazitologii Kazakhstana i respublik Sredney Azii. 4th, Alma-Ata, 1959. 2. Institut zoologii Akademii nauk Kazakhskoy SSR (for Galuzo, Boyev, Gvozdev, Shevchenko). (PARASITOLOGY) (MEDICAL GEOGRAPHY)

PANIN, V.Ya.

Sergei Nikolaevich Boev, 1905- ; on his 60th birthday and
37th anniversary of scientific and social activity. Izv. AN
Kazakh. SSR. Ser. biol. nauk 3 no.5:106-107 S-0 '65.
(MIRA 18:11)