

SOBOLEVA, I.M.; FEL'TIKHIN, S.V.

Some characteristics of the alteration and formation of the chemical composition of mine waters in the northeastern part of the Donets Basin. Sov. geol. 8 no.6:160-164 Je '65.

(MIRA 18:8)

1. Gorno-metallurgicheskiy institut, g. Kommunarok.

SOBOLEVA, I.M., kand.tekhn.nauk (Kommunarsk); PEL'TIKHIN, S.V., kand.tekhn.  
nauk (Kommunarsk); DEMURA, A.A., inzh. (Kommunarsk)

Using the overflow waters of coal mines for technical and everyday  
household water supply. Vod. i san. tekhn. no.10:37-38 0 '64.  
(MIRA 18:3)

SOBOLEVA, I.M., kand. tekhn. nauk; PEL'TIKHIN, S.V., kand. tekhn. nauk

Using mine water for industrial purposes. Ugol' 39 no.3:  
75-76 My'64. (MIRA 17:5)

1. Kommunarskiy gornometallurgicheskiy institut.

BODNIKEVICH, S.I., insh.;PEL'TIN, I.Ya.

Lighting the damming operations on the Volga River in the construction area of the Stalingrad Hydroelectric Power Station.  
Gidr.stroi. 30 no.1:33-36 Ja '60. (MIRA 13:5)  
(Stalingrad Hydroelectric Power Station)  
(Electric lighting)

BURLACHENKO, M.A., kand. med. nauk; SIGAL, L.D.; KAUSHANSKIY, M.Z.;  
PEL'TIN, K.K.; KRAVETS, I.G.; ZDANOVICH, O.A.; ERMAN, I.D. (Kishinev);  
MIL'SHTEYN, P.V. (Bel'tay); ETLIS, S.S. (Bendery); MISHCHENKO, S.A.;  
ROYTIKH, R.M. (Tiraspol'); VASSERMAN, Z.S. (Soroki)

Role of artificial pneumothorax in the compound treatment of  
pulmonary tuberculosis. Probl. tub. no 7:24-29 '63. (MIRA 18:1)

1. Iz Moldavskogo instituta tuberkuleza (direktor - kand. med.  
nauk M.A. Burlachenko).

KRISS, Yulius Zhakovich; NOVOSELOV, D.V., retsenzent; KOROVKIN, I.F., dotsent, retsenzent; PEL'TINOVICH, N.G., inzh., red.; TIKHOMIROV, O.N., red.

[Setting up production standards in the printing industry; a practical handbook] Tekhnicheskoe normirovanie v poligrafii; prakticheskoe posobie. Pod obshchei red. N.G.Pel'tinovicha. Moskva, Gos.izd-vo "Iskusstvo," 1959. 247 p. (MIRA 13:5)  
(Printing industry--Production standards)

PEL'VINOVICH, Neum Grigor'Yevich

EPP  
.R92856

Izdatel'stvo I Tipografiya Prakticheskoye Pomoziye Dlya Redaktsionno-izdatel'skikh Rabotnikov (Publishing Firm and Printing House Practical Handbook for the Editor-Publisher) Moskva, "Iskusstvo", 1956.  
66 p. Diag., Tables (V Pomoshch'Redaktsionno-izdatel'skim Rabotnikam)

PELTRAM, A., inz. CSc.; NEMEC, B., inz. CSc.

Some problems of the situation of transportation and its coordination  
under conditions of the new management system of the national economy.  
Doprava 7 no.1:33-40 '65.



PELTRAM, Antonin, inz., CSc.

Reducing the volume of coal deliveries to power plants situated  
outside the coalfield. Doprava no. 1:12-21 '64.

FELTRAM, Antonin, inz., CSc.

Dependence of the transportation volume on the production  
growth rate. Doprava no.4:249-255 '63.

PELTRAM, Antonin, inz. CSc.

Representation of the effect of transportation time reduction.  
Doprava 7 no.2:86-93 '65.

PELTRAM, Antonin, inz., C.Sc.

Problem of determining the rate of freight transportation increase.  
Doprava no.1:3-11 '63.

PELTRAM, Antonin, C.Sc.; PELTRAMOVA, Sarka, C.Sc.

Some problems in analysing the developments of communications.  
Doprava no.3:75-78 '62.

PETRAM, Antonin, C. Sc.; PETRAMOVA, Sarka, C. Sc.;

Some problems in analysing the developments of communications.  
Doprava no. 3:75-78 1962

PEL'TS, B.A.

Pyramidal symptoms in tumors of the gyrus centralis of varying  
histostructure. Probl.neirokhir. 4:91-97 '59. (MIRA 13:11)  
(BRAIN--TUMORS)

BRODSKIY, Yu.S.; PEL'TS, B.A. (Kiyev)

Spinal epidermoids (cholesteatomata) following repeated  
endolumbar administration of streptomycin. Vrach. delo no.8:  
65-70 Ag '61. (MIRA 15:3)

1. Ukrainskiy nauchno-issledovatel'skiy institut neyrokhirurgii.  
Nauchnyy rukovoditel' - chlen-korrespondent AMN SSSR, zasluzhenny  
deyatel' nauki A.I. Arutyunov.

(SPINAL CORD---TUMORS)  
(STREPTOMYCIN)



BRODSKIY, Yu.S.; FEL'TS, B.A. (Kiyev)

Postpuncture cholesteatomas of cauda equina and the spinal  
cord. Vrach. delo no.2:83-88 F '62. (MIRA 15:3)

1. Ukrainskiy nauchno-issledovatel'skiy institut neyrokhirurgii.  
(SPINAL CORD--TUMORS)  
(SPINE--PUNCTURE)

*Рейтс, Б.А.*

PEL'TS, B.A.; TRESHCHINSKIY, A.I. (Kiyev)

New method for recording Babinski's syndrome and the plantar reflex. Vrach.delo supplement '57:85-86 (MIRA 11:3)

1. Ukrainskiy nauchno-issledovatel'skiy institut neyrokhirurgii  
Ministerstva zdavookhraneniya USSR.  
(REFLESSES)

PEL'TS, D.G.

USSR/General Problems of Pathology - Immunity.

T-1

Abs Jour : Ref Zhur - Biol., No 1, 1958, 2953

Author : D.G. Pel'ts

Inst :

Title : Action of X-Ray on some Reaction of Immunity.

Orig Pub : Zh. mikrobiol., epidemiol. i immunobiologii, 1956, (1957),  
prolozhenie, 3-4.

Abstract : A preliminary irradiation (I) of rabbits with 600 and guinea-pigs 200 - 400 inhibits the production of agglutinins (A) at a subsequent immunization with *Proteus vulgaris*. Irradiation of immunized animals does not influence the titer A. The preliminary irradiation of the animals before immunization with intestinal and paraintestinal bacilli vaccines does not produce any changes in the titer A; analogical negative results were obtained as a result of irradiation of the organism in the presence of a septic, inflammatory focus. Irradiation produces a lowering of phagocyte

Card 1/2

FELTS, D.G.

Chronic action of thiophene on the production of agglutinins;  
annotation. Zhur. mikrobiol., epid. i immun. 40 no.10:150-5 '63.  
(MIRA 17:6)

PEL'TS, D.G.

Change in the phagocytic activity of the leukocytes in the blood of  
animals exposed to the effect of pain (electrocutaneous) stimulation.  
Zhur, mikrobiol. epid. i immun. 30 no.8:118 Ag '59. (MIRA 12:11)  
(PHAGOCYTOSIS physiol.)  
(PAIN exper.)

PEL'TS, D.G.

Effect of ionizing radiation on experimental tuberculosis. Zhur.  
mikrobiol., epid, i immun. 30 no.12:121-122 D '59. (MIRA 13:5)  
(RADIATION--PHYSIOLOGICAL EFFECT) (TUBERCULOSIS)

FIL'DTS, D.G., TUMARKIN, R.I.

Effect of hypothermia and anesthesia on phagocytic activity of leukocytes  
and on bacteriocidal properties of the blood. Zhur.mikrobiol. epid.  
i immun. 29 no.7:72-75 J1 '58 (MIRA 11:8)

(ANESTHESIA, effects,  
on blood bacteriocidal properties & phagocytosis (Rus))

(HYPOTHERMIA, effects,  
same (Rus))

(BLOOD,  
bacteriocidal properties, eff. of anesth. & hypothermia  
(Rus))

(PHAGOCYTOSIS,  
eff. of anesth. & hypothermia (Rus))

PELITS, D.G.

PELITS, D.G.

Effect of X rays on certain immune reactions. Zhur.mikrobiol.evid.  
1 immun., supplement for 1956:3-4 '57 (MIRA 11:3)  
(X RAYS--PHYSIOLOGICAL EFFECT) (IMMUNITY)



PEL'TS, D.G., podpolkovnik meditsinskoy sluzhby, kand.med.nauk

Effectiveness of repeated immunization in radiation sickness.  
Voen.-med. zhur. no.6:75 Je '61. (MIRA 14:8)  
(VACCINATION) (RADIATION SICKNESS)

NIKOL'SKIY, Konstantin Konstantinovich; PEL'TS, F.A., redaktor; BELIKOV  
B.S.: redaktor; KHELEMSKAYA, L.M., tekhnicheskiy redaktor.

[Measurements on interurban cables when protecting them against  
corrosion] Izmereniia na mezhdugorodnykh kabeliakh pri zashchite  
ikh ot korrosii. Moskva, Gos.izd-vo lit-ry po voprosam sviazi i  
radio, 1954. 43 p. (MLRA 8:8)  
(Electric cables)

PEL'TS, L.O., assistant

Kidney function in children during pneumonia. Ped., akush. i gin.  
19 no.2:35-39 '57. (MIRA 13:1)

1. Kafedra pediatrii (zav. - dots. D.L. Sigalov) Kiyevskogo instituta  
usovershenstvovaniya vrachey (direktor - prof. I.I. Kal'chenko).  
(KIDNEYS) (PNEUMONIA)

KHELEMSKIY, M.Z.; VOROB'YEVA, Ye.A.; FEL'TS, M.L.

Changes occurring in the composition of sugars during sugar  
beet storage. Trudy TSINS no.7:3-18 '60. (MIRA 16:2)

1. Syr'yevaya laboratoriya-Tsentral'nogo nauchno-issledovatel'-  
skogo instituta sakharnoy promyshlennosti.  
(Sugar beets-Storage) (Sugars)

PEL'TS, Ya.Ye.; LUNGOR, V.P.

Seminar and conference at the Donets Economic Council. Standartizatsia  
29 no.3:55-56 Mr '65. (MIRA 18:5)

TELEP, I.F.; GINDES, L.P.; PEL'TS, Ya.Ye.

Increase the reliability and durability of H-beams.  
Standartizatsiia 28 no.6:47-48 Je '64.

(MIRA 17:9)

PEL'IS, Ya.Ye.; TELEP, I.F.; GURZHOV, V.A.

Improving the quality of refractory materials. Standartizatsiia  
28 no.8:50-51 Ag '64. (MIRA 17:11)

TELEP, I.F.; PEL'TS, Ya.Ye.; GUEZHOV, V.A.

Urgent necessity. Koks i khim. no.7:6-7 '63. (MIRA 16:8)

1. Donetskaya gosudarstvennaya kontrol'naya laboratoriya po  
ismeritel'noy tekhnike.

(Coal preparation)



PEL'TS, Ya.; GURZHOV, V.

Measuring equipment and production quality. Standartizatsiia  
29 no.10:61 0 '65. (MIRA 18:12)

PREVO, Anatoliy Anatol'yevich; FELTSEK, Sergey Oskarovich;  
KHODANOVICH, Ye.Ye., kand. sel'khoz. nauk, retsenzent;  
SAVEL'YEV, I.K., kand. sel'khoz. nauk, retsenzent;  
GOLOVKINA, N.M., prepod. sredney shkoly, retsenzent;  
YEMEL'YANOV, F.V., red.; YEFIMOV, A.L., red.; TSYPKO, R.V.,  
tekhn. red.

[Poultry raising] Ptitsevodstvo; uchebnoe rukovodstvo dlia  
uchashchikhsia sel'skikh srednikh shkol s proizvodstvennym  
obucheniem. Moskva, Uchpedgiz, 1963. 189 p.

(MIRA 16:10)

(Poultry)

PEITSER

PEITSER, S.O., starshiy nauchnyy sotrudnik, kand. sel'skokhoz. nauk

Incubation quality of eggs, viability of chicks, and the productivity of hens raised in various seasons. Izv. TSKHA no.6:156-165 '64 (MIRA 18:1)

1. Kafedra ptitsevodstva Moskovskoy ordena Lenina sel'skokhozyaystvennoy akademii imeni K.A. Timiryazeva.

BOGOLYUBSKIY, S.I.; VASIL'YEV, V.G.; IOTSYUS, G.P., kand. sel'-  
khoz. nauk; KONDRATYUK, N.D., kand. ekon. nauk; PATRIK,  
I.A., kand. sel'khoz. nauk; PEL'TSER, S.O., kand. sel'-  
khoz. nauk; SMETNEV, S.I., akademik; TIKHOMIROV, A.Ye.,  
kand. tekhn. nauk; FEDOROVSKIY, N.P., kand. biol. nauk;  
GROMOVA, A.V., red.

[Manual for the poultry farmer] Spravochnik ptitsevoda.  
Izd.2., perer. i dop. Moskva, Kolos, 1965. 413 p.  
(MIRA 18:7)

1. Vsesoyuznaya akademiya sel'skokhozyaystvennykh nauk  
imni V.I.Lenina (for Smetnev).

FEL'TSER, S. O., Cand Agr Sci -- (diss) "Year-round incubation and  
its value in increasing the production of eggs and meat of fowl.  
(According to experience of the work of the Bratsev Fowl Factory)."  
Mos, 1958. 23 pp (Mos Order of Lenin Agr Acad im K. A. Timiryazev),  
110 copies (KL, 49-58, 125)

74

PEL'TSIKH, I.L.

New method for studying the root system during the first  
period of the development of plants. Bot. zhur. 48 no.5:  
694-695. My '63. (MIRA 17:1)

1. Institut sel'skogo knozhaystva. imeni V.V. Dokuchayeva,  
Kamennaya Step'.

PEL'TSIKH, I.L.

Mosaic change in the wheat endosperm as a result of vegetative hybridization. Zhur. ob. biol. 23 no.2:158-160 Mr-Apr '62. (MIRA 15:5)

1. Dokuchaev Agricultural Institute, Kamennaja Steppe.  
(ENDOSPERM) (GRAFTING)

PHIL'TSIKH, L.A., doktor sel'skokhozyaystvennykh nauk

Slow-germinating seeds of hairy vetch. Agrobiologiya no.6:932-  
934 N-D '62. (MIRA 16:1)

1. Chuvashskiy sel'skokhozyaystvennyy institut.  
(Vetch) (Seeds)



PEL'TSIKH, L.A.

USSR/Cultivated Plants. Potatoes. Vegetables. Melons

M-5

Abs Jour : Ref Zhur - Biol., No 1, 1958, No 1565

Author : L.A. Pel'tsikh, A.I. Kuznetsov

Last : Not Given

Title : The Effect of Hilling Periods on the Potato Crop in Tataria.

Orig Pub : S.kh. Povolzh'ya, 1957, No 6, 47-50

Abstract : No abstract

Card : 1/1

PEL'TSIKH, L.A.

7773. Vozdelyvaniye konopli i l'na-dolguntsa v kolkhozakh chuvashskoy A SSR. Pod red. G. A. Martynova. Cheboksary. Chuvashgosizdat, 1954. 76 s. s Ill. 20sm. 2.000 EKZ. 95 k.--55-3582) p 633.52(47.372)

SO: Knizhnaya Letopis', Vol. 7, 1955

ANDERSON, E. A.

The effect of proper care on the growth and yield of agricultural plants. Moskva, Znanie, 1952. 30 p.

*PELTS L.O.*  
EXCERPTA MEDICA Sec 7 Vol 13/1 Pediatrics Jan 59

93. LIVER FUNCTION IN PNEUMONIA IN CHILDREN (Russian text) - *Pelts L.O.* - PEDIAT. AKUSH. I GINEK. 1957, 2 (35-39)  
Fifty-five children aged 3 months to 2 yr. and 26 children over 2 yr. with bronchopneumonia were under observation: of moderate severity in 24 and of great severity in 41 cases. All liver functions were markedly impaired, especially in serious cases and in the youngest children. Hepatic function did not always return to normal with recovery; not infrequently further depression of liver function heralded a relapse of the pulmonary condition or onset of complications. The functional state of the liver is best reflected in the serum coagulation test and tests of detoxicating function. (S)

PHIL'TSER, A.I.

"Zvezda-6" racing car. Za rul. 16 no.11:16 N '58. (MIRA 12:1)

1. Glavnyy konstruktor byuro skorostnykh avtomobiley Gosudarstvennogo soyuznogo ordena Trudovogo Krasnogo Znameni nauchno-issledovatel'skogo avtomobil'nogo avtomotornogo instituta.  
(Automobiles, Racing)

1. TRET'YAKOV, N. P.; PEL'TSER, S. O.

2. USSR 600

4. Poultry Breeding

7. Incubating chicken eggs at the Brattsevskaja Poultry Plant, Trudy NIIP, 22, 1952.

9. Monthly List of Russian Accessions, Library of Congress, April 1953, Uncl.

1. PHEL'TSER, S. O.
2. USSR 600
4. Poultry Breeding
7. Practical significance of O. G. Lepeshinskaiia's works for incubating eggs, of domestic fowl, Ptitsevodstvo, No. 1, 1953.

9. Monthly List of Russian Accessions, Library of Congress, April 1953, Uncl.

PEL'TS, D. G.

Jun 53

USSR/Medicine - Immunology

"The Effect of Biogenic Stimulants on the Immunological Activity of the Animal Organism," D. G. Pel'ts

Zhur Mikro, Epid, 1 Immun, No 6, p 89

Biogenic stimulants (placenta extract and embryo extract), when mixed in a test tube with human blood, increase the phagocytic activity of leukocytes. In expts on rabbits, prolonged subcutaneous introduction of biogenic stimulants increased the absorption capacity of cells in the active mesenchyma of the liver and spleen and stimulated the development of antibodies (agglutinins) in the organism.

267T36

PEL'TSIKH, I. L.

Response of intergeneric vegetative hybrids to changing light conditions. Nauch. dokl. vys. shkoly; biol. nauki no.3:172-177 '62. (MIRA 15:7)

1. Rekomendovana Nauchno-issledovatel'skim institutom sel'skogo khozyaystva im. V. V. Dokuchayeva.

(PLANTS, EFFECT OF LIGHT ON) (GRAFTING)

APPROVED FOR RELEASE: 06/15/2000

CIA-RDP86-00513R001239920001-4"

1 L - 1 2 1 1 2 7  
USSR/Cultivated Plants - Grains. 11-4  
Abs Jour : Ref Zhur - Biol., No 9, 1958, 39196

Author : Pel'tsikh, I.L.

Inst : Scientific Research Institute of Agriculture of the Central Chernozem Belt.

Title : Prospective Varieties of Summer Wheat.

Orig Pub : Byul. nauchno-tekhn. inform. N.-1. in-ta s.-kh. TsChP 1956, No 1, 33.

Abstract : New varieties of summer wheat Bezostaya 54 and Stepnaya 70 were developed by the Department of Selection and Seeding of the Scientific Research Institute of Agriculture of the Central Chernozem Belt (1953-1956). The varieties are characterized by the good glassiness of the grain, by a high absolute weight (36-47 g) and good bread baking qualities. Their yield capacity surpasses regional varieties by 10-15%.

Card 1/1



PEL'TS, F. A.

PA 19T60

USSR/Cables  
Communications - Equipment

Apr/May 1946

"Organization for the Exploitation of the International Cable Network,"  
N. D. Kardashev, F. A. Pel'ts, 1 p

"Vestnik Svyazi - Elektro Svyaz" No 4/5 (73-74)

The Fourth Five-Year Plan has as one of its aims the activation of 7800 km of trunk line cables. However, another very important fact is the completion of already established cables and the filling of vacancies in technical and engineering personnel.

19T60

PEL'TSIKH, L.A., doktor sel'skokhozyaystvennykh nauk

"Spring and winter vetch" by A.S.Mitrofanov and M.M.Rozhkov.  
Reviewed by L.A.Pel'tsikh. Zemledelie 24 no.1:89-91 Ja '62.

(MIRA 15:2)

(Vetch) (Mitrofanov, A.S.) (Rozhkov, M.M.)

FEL'TSMAN, A. Ya., akusherka (Leningrad)

Organization and some results of the implementation of prophyl-  
actic mass examination of women by the method of cytological  
diagnosis. Fel'd. i akush. 27 no.9:53-57 S'62. (MIRA 16:8)  
(GYNECOLOGY) (DIAGNOSIS, CYTOLOGIC)

LUKIN, V. (Moskva); POLOZOV I., elektromekhanik (Gomel'skaya oblast')  
ZAMIATIN, K. (Sverdlovsk); NEYMAN, V. (Leningrad); GORBATYUK, S.  
(Grodno); BYKOV, L. (Moskva); SMIRNOV, B. (Gori); PEL'TSMAN I.  
(Leningrad)

Advices from experienced people. Za rul. 19 no. 2:14-15 F '61.  
(MIRA 14:4)

(Motor vehicles--Equipment and supplies)

PEL'TSMAN, Izrail' Davidovich, inzh.; SUKHOV, I.V., inzh., red.  
SHILLING, V.A., red. izd-va; BELOGUROVA, I.A., tekhn. red.

[Small pneumatic presses for fitting and assembling operations] Malogabaritnye pnevmaticheskie pressy dlia slesarno-sborochnykh rabot. Leningrad, 1962. 14 p. (Leningradskii dom nauchno-tekhnicheskoi propagandy. Obmen peredovym opytom. Seria: Mekhanicheskaiia obrabotka metallov, no.7)

(MIRA 15:8)

(Power presses)

KUPLYAYEV, I.M. (Leningrad, B. Pushkarskaya ul. d. 30., kv.27); IVLIYEV, N.N. (Gor'kiy, ul. Radistov, d.6, kv.6); CHEPNOV, Ya.G. (Gor'kiy, ul. Radistov, d. 6, kv.6); PISAREV, A.L. (Moskva, Lyubertsy, 4. pos. Vsesoyuznogo nauchno-issledovatel'skogo ugol'nogo instituta, d.5, kv.5); CASPAROV, R.G. (Moskva, I-51, 2-y Kolobovskiy pereulok d.9/2 kv.18); POPOV, B.I. (Irkutsk, 13, Depovskiy pereulok, d.83, kv.2); PIONTKOVSKIY, B.A. (Moskva, Ye-77, Sredne-Pervomayskaya ul. d.13, kv.4); VEDENEYEV, G.M. (Moskva, I-110, B. Spasskaya, d. 15/17, kv.29); KRECHER, V.G. (Uzhgorod, Zakarpatskaya obl., ul. Kosmodem'yanskoy, d.4, kv.69); SIDORENKO, A.P. (Leningrad, ul. Frunze, d.15, kv.38); SPIRIDONOV, A.V. (Leningrad, ul. Frunze, d.15, kv.38); SEREDA, P.A. (Moskva); IL'IN, V.F.; PEL'TSMAN, L.N.; DANILEVICH, A.I. (Khar'kov, Plekhanovskiy pereulok, d.9a, kv.2); KHIMENKO, L.T. (Khar'kov, Plekhanovskiy pereulok, d.92, kv.2); LYKOV, M.V. (Moskva, Leninskiy prospekt, d.55); RYBAL'CHENKO, G.F. (Moskva, Leninskiy prospekt, d.55); BOYKO, V.F. (Leningrad, M-142, ul. Tipanova, d.3, kv.130); KITAYEV, G.I. (Chelyabinsk, Smolenskaya ul. d.4); SKLYAROV, A.Ye. (Novocherkassk, Rostovskoy obl. pos. Oktyabr'skiy, Gvardeyskaya ul. d.30, kv.29)

Discoveries and inventions. Prom. energ. 19 no.11:57-58 N '64.  
(MIRA 18:1)

1. Zavod "Amurkabel", Khabarovsk (for Il'in, Pel'tsman).

PEL'TSMAN, Ye.M., kand.ekonomicheskikh nauk

Concerning the progress of research in the economics of  
the electric equipment industry. Vest. elektroprom, 32  
no.4:1-5 Ap '61. (MIRA 15:5)  
(Electric equipment industry)

PEL'TSMAN, Ye.M., kand. ekonom. nauk

Branch economics and problems of research and design institutes of the electric equipment industry. Elektrotehnika 35  
no.1:14-15 Ja '64. (MIRA 17:2)



PEL'TSMAN, Ye.M., kandidat ekonomicheskikh nauk; KANEVSKIY, L.H., inzhener.

Studying the economics and organization of production in the electric machinery industry. Vest.elektrom. 27 no.9:72-74 S '56.

(MLRA 10:9)

1. Nauchno-issledovatel'skiy institut Ministerstva elektrotekhnicheskoy promyshlennosti (for Pel'tsman). 2. Giproenergonrom (for Kanevskiy).  
(Electric machinery industry)

PEL'ISMAN, Ye.M., kand.ekonomicheskikh nauk

State of the electric industries in the period between the 20th and 22nd congresses of the CPSU. Vest. elektroprom. 32 no.9:4-6 (MIRA 14:8)  
S '61.

(Electric industries)

Make way for "500-class" automobiles. Za rul. 16 no.12:4-5 (MIRA 12:1)  
D '58.

I. Glavnyy konstruktor byuro skorostnykh avtomobiley Gosudarstvennogo soyuznogo ordena Trudovogo Krasnogo Znameni nauchno-issledovatel'skogo avtomobil'nogo i avtomotornogo instituta.  
(Automobiles, Racing)

PEL'TSER, A. I. I.

33402. Gonochnyy Avtomobil' (Zvezda 111). Avtomobil', 1949, No. 10, c. 13-15.

50. Letopis' Zhurnal'Nykh Statey, Vol. 45, Moskva, 1949

PEL'TSMAN, Ye. M., kandidat ekonomicheskikh nauk.

Against vulgar simplification in the treatment of economic problems of the electric industry ("Economics and organization of production in the electric industry." V.N. Gan. Reviewed by E.M. Pel'tsman). Vest.elektroprom. 27 no.5:76-80 My '56.  
(MLRA 9:12)

1. Nauchno-issledovatel'skiy institut Ministerstva elektricheskoy promyshlennosti.  
(Electric machinery industry)

SMETNEV, S.I., akademik, kand. sel'skokhozyaystvennykh nauk;  
PEL'TSER, S.O.

Importance of the development of poultry husbandry for the  
increase of the supply of food products. Biol. v shkole  
no.5:73-81 S-0 '62. (MIRA 16:2)

1. Moskovskaya sel'skokhozyaystvennaya akademiya imeni  
K.A. Timiryazeva. 2. Vsesoyuznaya akademiya sel'skokhozyaystvennykh  
nauk imeni Lenina (for Smetnev).  
(Poultry)

1. PEL'MTSER, S. O.
2. USSR (600)
4. Lepeshinskaya, Ol'ga Borisovna, 1871-
7. Practical significance of O. G. Lepeshinskaya's works for incubating eggs of domestic fowl. Ptitsevodstvo No. 1 1953.

9. Monthly List of Russian Accessions, Library of Congress, April 1953, Uncl.

18-1-4

52

PROCESSES AND PROPERTIES INDEX

Magnetic properties of cast steel intended for permanent magnets. A. F. Grover and E. J. Fritz (Footlock, Volney, Inst. Mat., 1931, No. 3-4, 20-27). After double tempering at 750-1000 (probably 800-850) the residual induction and coercive force of the steel (0.91-1.14, C-0.18-0.23, Mn 0.23-0.55%) increased; samples tempered after annealing behaved similarly. Keeping samples at the hardening temp. for > 5 min. lowers their magnetic properties. Cf. Ans...

METALLURGICAL LITERATURE CLASSIFICATION

XEROX BOMINA

SERIAL ONE ONE 111

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
---	---	---	---	---	---	---	---	---	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	-----

PROCESSES AND PROPERTIES INDEX

9

*ca*

**Magnetic properties of cast steel intended for permanent magnets.** A. F. STOGOV AND E. I. PRILE. *Sposhcheynye Vsesoyuznogo Inst. Metal.* 1931, Nov 5 (1), 30-7. (Preliminary communication.) Steel castings measuring 9 x 9 x 170 mm. had a max. inductance ( $B_{max}$ ), residual inductance ( $B_r$ ) and coercive force ( $H_c$ ) of about 1400, 5000 and 40 gauss, resp. Chem. analysis showed C 0.91-1.14, Cr 2.18-2.33 and Mn 0.49-0.55%. After a thermal treatment of double tempering at 780-1000°,  $B_r$  and  $H_c$  increased to 4000-6000 and 42-73 gauss, resp. The same is true of samples tempered after annealing. For good results, castings should be cooled rapidly after casting in the temp. limit of hardening. The best results were obtained by putting ingots through a 1st tempering at 850°, followed by another at 700-800°. Keeping samples in the oven at hardening temp. more than 5 min. lowers their magnetic properties. Although a double tempering at 1000° and 800° (in oil) gives better results than at 850° and 900°, the lower temps. are recommended on account of the danger of formation of cracks at the higher temp. Annealing of cast samples from 1000°, followed by a single tempering, does not give as good results magnetically as a double tempering at 850° and 900°.

S. I. SHAYBARKY

METALLURGICAL LITERATURE CLASSIFICATION



PROCESSES AND PROPERTIES INDEX

9

*ca*

Investigation of Verkh-Isetsk transformer steel. A. F. STOGOV AND P. I. PRILEP.  
*Sovetskaya Fizychnaya Inst. Metal.* 1931, Nos. 1-2, 12-17.—Expts. were conducted to det. conditions for heating and rolling transformer steel so as to obtain a uniform product. The steel was produced in a small elec. furnace of 6.7 t capacity and analyzed: C 0.020, Si 4.07, Mn 0.10, P 0.007 and Cu 1.10-1.15%. It was found that heating the metal in the temp. interval 720-825° and time interval 1-6 hrs. caused little variation in the coercive force and induction of the steel. Rapid cooling increased magnetic losses  
 S. L. MADORSKY

METALLURGICAL LITERATURE CLASSIFICATION

1931-1935

BC

B-1-4

PROCESSES AND PROPERTIES INDEX

Verkh. Iuzhok, transformer steel: A. F. Shrooy and E. L. Patra (Sokolov, Vozny, Inst. Met., 1931; No. 1-3, 18-21). Heating and rolling conditions were determined. (Sov. Pat. App.)

ASB-SLA 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
---	---	---	---	---	---	---	---	---	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	-----

RADULESCU, Dan P.; VASILESCU, Al.; PELTZ, S.

Geologic research in the southern and eastern parts of the  
Gurghiu Mountains. Dari seama sed 45 145-160 57/58 [publ. '62].

COSMA, St.; PELTZ, S.

Geologic studies in the Paltinis-Drageasa region (Bistrita Mountains). Dari seama sed 47:33-44 '59/60 [publ. '62].

RADULESCU, Dan P.; VASILESCU, Al.; PELTZ, S.

The large Caldera Fintel-Lapusna in the Giurgeului Mountains.  
Dari seamă sed 49 pt.1:383-396 '61-'62 [publ. '64].

1. Submitted March 7, 1959.

PELTZER, O.

(27)

VEREIN DEUTSCHER EISENHUTTENLEUTE. "Stahleisen-  
Kalender 1954." Bearb. von Dr. Ing. Kurt Thomas  
unter Mitw. von R. Arntzen, R. Bark, F. Baumann,  
I. Beckmann, K. Doese, H. Euler, G. Finke, W. Griese,  
K. Guthmann, M. Hansen, H. Kegel, W. Koch, G.  
Leder, E. Loh, F. Marchand, K. H. Massoth, A. Muller,  
H. Muller, O. Paltzer, H. Pohlmann, G. Prieur, A.  
Ristow, E. Schaefer, W. Schuler, H. Spitzer, F. Wese-  
mann. 8vo, pp. 338. Dusseldorf, 1953; Verlag Stah-  
leisen m.b.H. (Price DM3.-)

PEL'TSER, S.

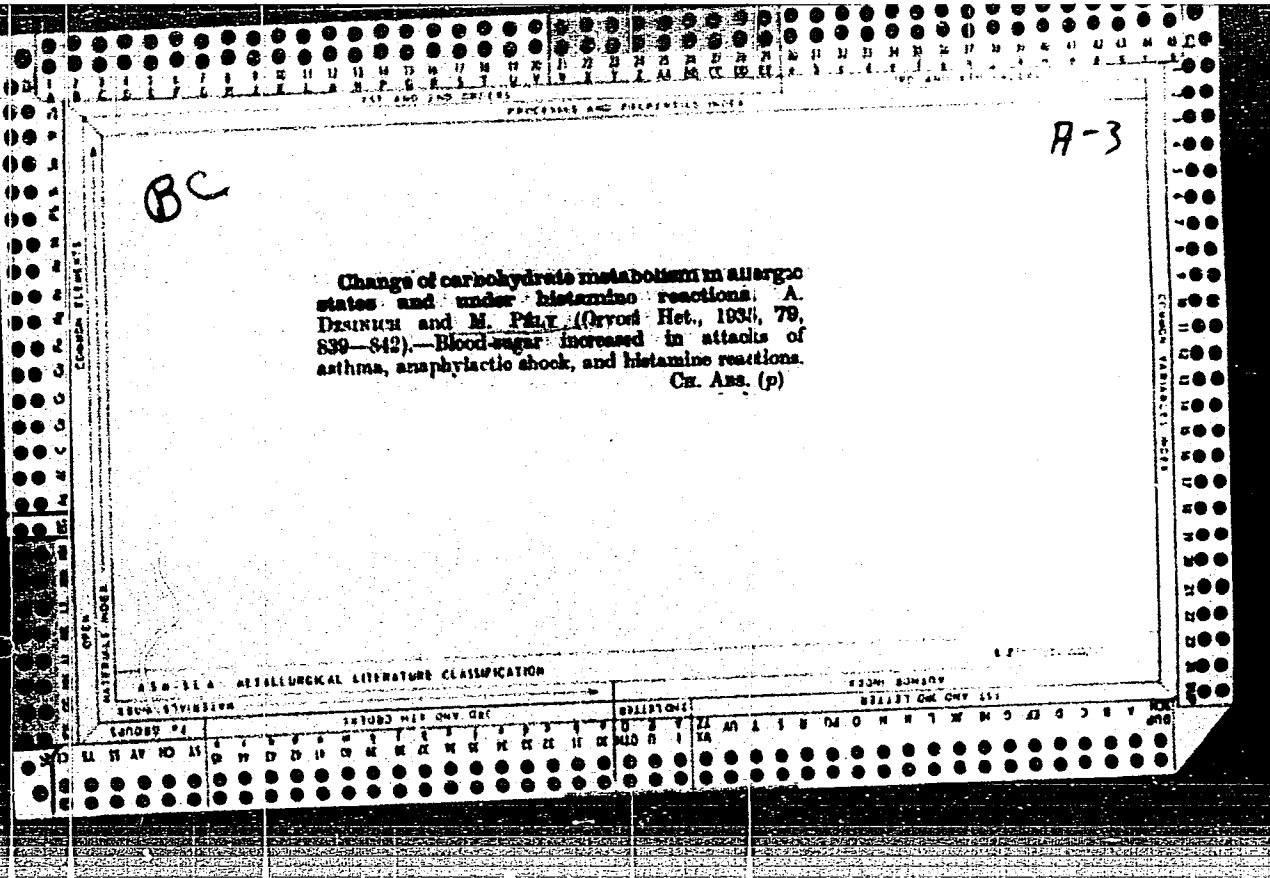
Raising poultry for meat. WFO no.5:35 My '59. (MIRA 12:8)

1. Uchenyy sekretar' ptitsevodstva Moskovskogo oblastnogo pravleniya  
nauchno-tehnicheskogo obshchestva sel'skogo i lesnogo khozyaystva.  
(Poultry plants)

TYC, P., inz.; PELUNEK, M., inz.

Underpasses from prefabricated zinc-coated steel parts.  
Zel dop tech 9 no.7:220-221 '61.





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

117 AND 2ND (RDIB) PROCESSES AND RECEIPTS ONLY 120 AND 4TH (RDIB)

CO 116

Variation of cholesterol saturation of blood serum during the histamine test. Antal Dzinich and Mihály Pily. *Orvosi Hetilap* 78, 34-5(1934).—The blood serum is satd. or supersatd. with cholesterol at the culmination of the histamine test. S. S. de Fialdy

COMMON VARIANTS NOTED

ASB. S.L.A. METALLURGICAL LITERATURE CLASSIFICATION

FROM ROMANIAN

117 AND 4TH (RDIB)

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

1st AND 2ND ORDERS

PROCESSOR AND PROPERTIES INDEX

ca

11h

Influence of cholesterol on the histamine reaction. Antal Dzsainich and Mihály Pély. Orvosi Hetilap 78, 100-1(1934).—Administration of cholesterol greatly weakened the histamine reaction, did not change the cholesterol content of the blood and did not lengthen the coagulation time of the blood. S. S. de Fındly

GENERAL'S NOTES

ALPHABETIC LITERATURE CLASSIFICATION

ALPHABETIC LITERATURE CLASSIFICATION

ALPHABETIC LITERATURE CLASSIFICATION

ALPHABETIC LITERATURE CLASSIFICATION

11g

Change of carbohydrate metabolism in allergic states and under histamine reactions. Antal Dzsandch and Mihály Pély. *Orvosi Hetilap*, 79, 839-42(1935).—Increase of blood-sugar content was equally observed in attacks of asthma, anaphylactic shocks and histamine reactions. Blood-sugar curves did not give uniform results. Blood-sugar curves of sensitized capt. animals showed that the sympathetic tone of the organisms is stimulated in such states. S. S. de Finály

ASA-USA METALLURGICAL LITERATURE CLASSIFICATION

11g

MAGER, M.I.; PELYAKH, M.A.; GURBONOV, E., red.; VOLONTIR, I.G., red.;  
GORYACHENKO, F., tekhn. red.

[Viticulture in Bulgaria] Vinogradarstvo Bolgarii. 2., perer. 1  
dop. izd. Kishinev, Izd-vo sel'khoz.lit-ry M-va sel'.khoz.  
Moldavskoi SSR, 1962. 137 p. (MIRA 16:2)  
(Bulgaria--Viticulture)

YEFIMOV, S.P., otv. red.; KABLUCHKO, G.A., red.; FELYAKH, M.A.,  
red.; UNGURYAN, P.N., red.; LUKASHEVICH, P.A., red.;  
TALITSKIY, V.I., red.

[Reports and communications delivered at the Plenum of the  
Section for Fruit Culture, Viticulture, and Subtropical  
Crops of the Moldavian Scientific Research Institute of  
Fruit Culture, Viticulture, and Wine Making] Doklady i so-  
obshchenia na plenumе seksii sadovodstva, vinogradarstva  
i subtropicheskikh kul'tur, 23-29 avgusta. Kishinev.  
No.2. [Viticulture] Vinogradarstvo. 1960. 255 p.  
(MIRA 17:2)

1. Kishinev. Moldavskiy nauchno-issledovatel'skiy institut  
sadovodstva, vinogradarstva i vinodeliya.

KOVARSKIY, A.Ye., red.; YAROSHENKO, M.F., red.; GEYDEMAN, T.S., red.; DIKUSAR, I.G., red.; DOROKHOV, L.M., red.; ZUBKOV, A.A., red.; PELYAKH, M.A., red.; FURDUY, F.I., red.; CHEBOTAR', A.A., red.; CHORIK, F.P., red.; BOLIEVA, L., red.

[Transactions of the Third Conference of Young Moldavian Scientists] Trudy III nauchnoi konferentsii molodykh uchennykh Moldavii. Kishinev, Kartia moldoveniaske. No.2. [Biological and agricultural sciences] Biologicheskie i sel'skokhoziaistvennye nauki. 1964. 273 p. (MIRA 17:8)

1. Nauchnaya konferentsiya molodykh uchennykh Moldavii, 3d.

PELYAKH, M. A.; ARZUMANOV, M. Sh.

VITICULTURE

Methods of irrigating vineyards. Vin. SSSR 12 No. 8, 1952.

9. Monthly List of Russian Accessions, Library of Congress, December 1953, 2 Unclassified.



PELYAKH, M.; SININA, V., red.; TEL'PIS, V., tekhn.red.

[Stories about grapes] Rasskazy o vinograde. Kishinev, Gos.  
izd-vo "Kartia moldoveniake," 1960. 154 p. (MIRA 14:6)  
(Grapes)

UNGURYAN, P.N., KABLUCHKO, G.A., otv.red.; FITOVA, L., red.; PELYAKH, M.A.,  
kand.sel'skokhoz.nauk, red.; MOGILYANSKIY, N.K., dokfor tekhn.nauk,  
zaluszhennyi deyatel' nauki i tekhniki, red.; TALITSKIY, V.I., red.;  
TEL'PIS, V., tekhn.red.

[Principles of wine making in Moldavia] Osnovy vinodeliia Moldavii.  
Kishinev, Gos.izd-vo "Kartia moldoveniaske," 1960. 293 p. (Kishinev.  
Moldavskii nauchno-issledovatel'skii institut sadovodstva, vino-  
gradarstva i vinodeliia. Trudy, vol.5). (MIRA 14:8)  
(Moldavia--Wine and wine making)

PELYAVSKIY, A.M., KORNUSHIN, M. YA.

Iron Founding

Chill mold casting of heavy cast-iron parts. Lit. proizv. No. 3, 1952.

Monthly List of Russian Acquisitions. Library of Congress, August 1952. UNCLASSIFIED.

PELYAVSKIY, I. P.

PELYAVSKIY, I. P. - "Treatment of Closed Chronic Tuberculous Empyemas of the Pleura with a 'Combined' Oleothorax." Odessa State Med Inst imeni N. I. Pirogov, Odessa, 1955

(Dissertation for the Degree of Candidate in Medical Sciences)

SO: Knizhnaya Letopis', No. 33, 1955, pp 85-87

TETENEVA, V.F. (Murmansk); MALYSHEV, Yu.I. (Leningrad); GREBENNIKOVA,  
A.T. (Leningrad); BAZHENOV, V.S.; IVASHKEVICH, E.I.;  
SAFRONOVA, A.I. (Vitebsk); NOVIK, M.G.; OKUNEVA, G.N.  
(Novosibirsk); NEDVETSKAYA, L.M. (Moskva); SENT-UMEROV, S.M.  
(Vladivostok); PELYAVSKIY, I.P. (Odessa); LIPSKIY, L.I.;  
NUTRIKHIN, N.A. (Arkhangel'sk); KERIMOV, G.M. (Baku);  
BARAKOV, V.Ya. (Samarkand)

Abstracts. Grud. khir. 6 no.1:118-126 Ja-F '64.

(MIRA 18:11)

PELYI, J.

The effect of vitamin C on gas metabolism. Orv.hetil. 91 no.22:  
681-683 28 My '50. (CLML 19:3)

1. National Balneological Research Institute (Director -- Dr.  
Odon Schmalhof).

PELYI, J.

Influence of Vitamin C on gas metabolism. II. Influence of Vitamin C on gas metabolism of guinea pigs. Orv.hetil. 91 no.23:710-712  
4 Je '50. (CIML 19:3)

1. National Balneological Research Institute (Director -- Dr. Odon Schulhof).

29502

S/120/61/000/004/011/034

E192/E382

97500 (1159)

AUTHORS: Pelykh, A.N. and Pronyushkin, A.V.

TITLE: Instrument for the measurement of time intervals

PERIODICAL: Pribory i tekhnika eksperimenta, no. 4, 1961,  
pp. 83 - 86

TEXT: The time intervals between two electrical pulses can be measured accurately by means of an "oscillator-electronic counter" system. However, such a system is inefficient in that it performs the measurement of only one interval. In the following, equipment based on the above principle is described which permits measurement of 100 intervals between pulses. The instrument is based on 2 counters, 2 read-out circuits, a memory circuit based on a double-beam cathode-ray tube and a switching circuit. The operation of the system is as follows. The system is set in its initial position and the pulses generated by a quartz-crystal oscillator are applied to the counter 2 through the switching circuit and an amplifier 2. The other counter 1 is in its zero or initial position. The first relevant pulse is applied to the input

Card 1/4

X



29-00

S/120/61/000/004/011/034

E192/E382

Instrument for the measurement

circuit where it is amplitude-limited. It is then fed to a "resolving-time" circuit and then to the switching circuit. After receiving the first pulse the switching circuit applies the pulses from the quartz oscillator to the counter 1, while counter 2 is stopped. Simultaneously, the switching circuit actuates an interrogation blocking oscillator 2. The pulse from the blocking oscillator 2 triggers an unblanking generator 2 and the horizontal time base. This pulse is also applied to an interrogation circuit 2. The count of the counter 2, in the form of a series train of pulses, is applied to the vertical deflection plates of the tube from the output of the interrogation circuit via a mixer and an amplifier. The count is recorded on the screen and after the recording a resetting blocking oscillator 2 returns the counter 2 to its initial position. Now, a step time base generator deflects the ray by one step downwards. When the second pulse is received the switching circuit applies the pulses from the quartz oscillator to the counter 2, while the counter 1 is stopped. The interrogation blocking oscillator 1 is then

Card 2/5 4

X

2960t

S/120/61/000/004/011/034  
E192/E382

Instrument for the measurement .....

triggered, the unblanking generator 1 is actuated and the horizontal time base is started. The indication of the counter 1 is recorded on the time base 1 and this represents the first interval between the pulses. After termination of the "recording" the resetting blocking oscillator 1 returns the counter 1 to its initial position. In this way it is possible to record as many time intervals as there are lines on the screen of the cathode-ray tube. The blocking oscillators for interrogation and resetting and the "resolving-time" circuit are based on negatively-biased blocking oscillators which are triggered through cathode-followers. The quartz-crystal oscillator is based on the usual circuit, the crystal being connected between the grid and the cathode. The forming stage is based on a circuit with a differentiating transformer. The unblanking generators are in the form of cathode-coupled uni-vibrators, while the horizontal time base employs an integrating circuit with anode-grid capacitance. A triggered blocking oscillator charged through a diode is employed as a stepping time base. The counters are based on standard binary cells and

Card 3/04

15402

S/120/61/000/004/011/034  
E192/E382

Instrument for the measurement ....

their capacity is  $2^{17}$  pulses each. In the interrogation circuit the information relating to the state of the binary circuits is obtained by means of diodes which are controlled by a voltage drop developed across a portion of their anode resistance. The switching circuit is in the form of a trigger circuit supplied from a negative source. A portion of the anode voltage of each triode of the switching circuit is used for opening the diodes which transmit the pulses from the quartz oscillator to the counters. The instrument was tested while measuring the time intervals up to  $9999 \pm 0.01 \mu\text{sec}$ . The maximum error in the measurements did not exceed  $1 \mu\text{sec}$ . When necessary, it was possible to increase the accuracy of the instrument to  $\pm 0.1 \mu\text{sec}$ . On the basis of the above instruments, the authors also designed a new device permitting measurement of 40 time intervals with an error of  $\pm 0.02 \mu\text{sec}$ , the maximum measured interval being  $10^4 \mu\text{sec}$ . The authors express their gratitude to G.V. Dobrovolskiy for building the oscillographic part of the instrument and to M.M. Vakhrameyev for carrying out the wiring work.

Card 4/04

PELYKH, A.N.; PRONYUSHKIN, A.V.

Instrument for measuring time intervals. Prib. i tekhn. eksp.  
6 no. 4:83-86 JI-Ag '61. (MIRA 14:9)  
(Time measurements)

L. 1118-66 EMT(1)

ACC NR: AP5024171

SOURCE CODE: UR/0115/65/000/008/0056/0057

AUTHOR: Palykh, N. A.; Sokolov, O. V.

ORG: none

TITLE: Thermistor bridge of the M4-1 (MTO-1) type for operation with wire bolometers

SOURCE: Izmeritel'naya tekhnika, no. 8, 1965, 56-57

TOPIC TAGS: thermistor, bolometer

ABSTRACT: The direct-reading thermistor bridge of the M4-1 (MTO-1) type, which has a lower measurement limit of 15  $\mu$ w, was modified so that it can be used with wire bolometers. A circuit of the modified version is given, and the modifications are described. The gain of the power control system is approximately  $10^5$ , as compared to 200 for the old system. To prevent self-oscillations arising because of the high gain, the galvanometers are overdamped. Power supplied from external d-c sources and a modified photomultiplier circuit improve the stability and decrease the total error of the thermistor bridge. The instrument is 14 kg lighter as a result of the replacement of the power supply unit. Orig. art. has: 1 figure. [08]

SUB CODE: EC/ SUBM DATE: none/ ORIG REF: 001/ OTH REF: 000/ ATD PRESS: 4125

Card 1/1

L 22771-66 EWT(1)/EWA(h)

ACC No: AP6010873

SOURCE CODE: UR/0115/66/000/002/0057/0059

AUTHOR: Pelykh, N. A.

20  
B

ORG: none

TITLE: Bolometric device for measuring pulsed uhf power 25

SOURCE: Izmeritel'naya tekhnika, no. 2, 1966, 57-59

TOPIC TAGS: power meter, bolometric power meter, uhf power measurement

ABSTRACT: The <sup>10</sup>IPM-1 <sup>28</sup>bolometric device for measuring pulsed uhf power and energy is described. Two bolometers of platinum wire, 1  $\mu$  in diameter, form the integrating element. A circuit diagram is shown in the figure. The instrument has the following characteristics: measuring range, 0-100 mm; pulse duration, 0.5-10  $\mu$ sec; pulse repetition frequency, 25 kc; frequency range, 200-2000 Mc. The measuring range with respect to frequency can be extended by the use of higher frequency heads; for increased pulse duration, the use of wire with a larger diameter is recommended. The bolometers operate in three modes: measurement of the average power of continuous generation, measurement of the modulation depth, and measurement of the pulsed power. To eliminate errors caused by the dependence of pulse sensitivity on wire temperature the resistances of both bolometers are selected so that they have equal

Card 1/2

UDC: 621.317.78.029.6

L 22771-66

ACC NR: AP6010873

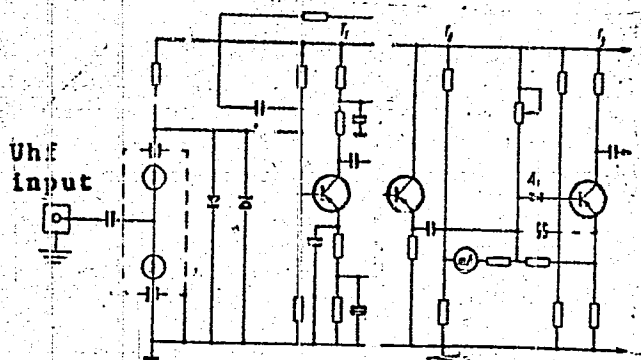


Fig. 1. Bolometric device for measuring pulsed uhf power

values under conditions of calibration and pulsed power measurement.  
Orig. art. has: 2 figures and 1 table. [JR]

SUB CODE: 09/ SUBM DATE: none/ ORIG REF: 002/ OTH REF: 003/  
ATD PRESS: 4229

Cont 2/2 dda

PELYKH, N.A.; PRONYUSHKIN, A.V.; GOLOVKOV, V.P.; DOBROVOL'SKIY, G.V.

High-precision chronotron. Prib. i tekhn. eksp. 7 no.2:76-80  
Mr-Ap '62. (MIRA 15:5)

(Time measurements)



PELYKH, P.P., inzh., komandir gornospasatel'nogo otryada

Fire extinction over a hard heading. Bezop.truda v prom. 7 no.2:8  
F '63. (MIRA 16:2)

(Mine fires)

TOPA, Tibor; PATKOS, Andras; R. PELYI, Erno; KAPOSÍ, Gyula; TOMOR, Jozsef; BENE, Andras; CSOBALY, Sandor

Remark about the article entitled "Freight trains with one trainman on service." Vasut 12 no.12:18-19 D '62.

1. Mozdonyvezeto, Dunaujvarosi Futohaz "MHS" brigadja (for Topa, Patkos and R.Pelyi). 2. Futo, Dunaujvarosi Futohaz "MHS" Brigadja (for Kaposi, Tomor and Bene). 3. Forgalmi osztaly vezetohelyettese (for Csobaly).

37787

S/120/62/000/002/018/047  
E192/E382

9,6000

9,5400

AUTHORS: Pelykh, N.A., Pronyushkin, A.V., Golovkov, V.P. and Dobrovol'skiy, G.V.

TITLE: An instrument for high-accuracy measurement of time intervals

PERIODICAL: Pribory i tekhnika eksperimenta, no. 2, 1962,  
76 - 80

TEXT: The instrument described (type ИВМ-4 (IVI-4)) was designed on the principle adopted in an earlier device (Ref. 2 - N.A. Pelykh, A.V. Pronyushkin - PTE, no. 4, 1961, 83). The high relative accuracy of this instrument is due to the use of an oscillator and an electronic counter. The counter and the interrogation circuits are of the same type as those used in the earlier instrument. The high absolute accuracy of the instrument is due to the use of an oscillograph system. The instrument employs a two-ray tube, type 18J047 (18L047). When an input pulse appears, the horizontal time bases 1 and 2 are actuated and when these return to their rest position the vertical time base is triggered. The number of lines on Card 1/4

An instrument for ....

S/120/62/000/002/018/047  
E192/E382

the screen of the tube is therefore equal to the number of input pulses. One input pulse is recorded on each line of the time base 1. Simultaneously, timing pulses from a quartz-crystal oscillator working at 1 Mc/s and an interrogation pulse corresponding to the given input pulse are applied to this time base; the interrogation pulse is situated at the mid-point between two neighbouring pulses of the quartz-crystal oscillator. The time base 2 is used for registering the number of timing pulses received during the interval between two neighbouring interrogation pulses; the timing pulses are recorded in a binary code. The instrument comprises a special circuit which synchronously switches off the counter during three periods of the crystal oscillator; this circuit made it possible to use one counter instead of two. The counter continuously counts the pulses from the crystal oscillator before the appearance of the first pulse. However, when an input pulse appears, the time base 1 and a gating pulse generator are triggered, the gating generator producing a positive pulse of 1.5  $\mu$ s duration. This pulse is applied to a coincidence circuit which transfers

Card 2/4