SMEJKAL, Vaclav

Rapid method for silicate analysis. Stor chem tech 4 no.1:533-545
'60.
(EEAI 10:9)

1. Ustredni ustav geologicky a katedra mineralogie a nerostnych surovin,
Vysoka skola chemicko-technologicka, Praha.

(Silicates)

S Meljskalj v.

Determination of acetylene. M. Sinelir and V. Smejkal (Vyskumný ústav acetylén. chem., Novák, Czech.) Chem. Zvesti 10, 70-3(1950)(German summary). The detn. of acetylene (I) with AgNO₃ (II) with direct potentiometric titration of excess and complex bound II by HCl is described. In this method the reaction soln. must be so prepd. that the equiv. ratio of I and II is kept const. The equiv. ratio of I to II is 1:2, or 1 ml. 0.1 N soln. of II corresponds to 1.302 mg. of I. Because this reaction is reversible, HNO₃ formed during the reaction must be removed by the addn. of AcONa to keep the pH 4-5. The reaction time must be at least 10 min.; if shorter, the results are low.
Jan Micka

SIKKAI, V.

New trends in the development of porous plastic leather substitutes. p.60 (Kozarstvi, Vol.7, no. 3, Mar. 1957) Praha

.

SO:  Monthly List of East European Accession (EEAL) LC, Vol. 6 no. 7, July 1957. Uncl.

Internal Medicine

CZECHOSLOVAKIA

RONSKY, R.; SMEJKAL, V.; 4th Internal Clinic, Faculty of General
Medicine, Charles University (IV. Interni Klinika Fak. Vseob.
Lek. KU), Prague, Chief (Prednosta) Prof Dr M. FUCIK; Research
Institute for Pharmacy and Biochemistry (Vyzkumny Ustav pro Far-
macii a Biochemii), Prague, Director (Reditel) Dr O. NEMECEK

"Opportunities for a Reliable Determination of Successful Clinical
Therapy of Peptic Ulcer."

Abstract  /Authors' English summary modified_7: A method using a
double blind test for the evaluation of the treatment of peptic
ulcer is described.        By the test anti-ulcerous preparations
can be evaluated in a uniform and objective manner.  A long term
follow-up of the patients is necessary for the proper evaluation
of the drugs.  20 Western, 9 Czech, 1 USSR reference.  (Manus-
cript received Dec 65).

1/1

SMEJKAL, V.; ZLAMAL, K.

Nomograms of achromatic lenses. Jemna mech opt 8 no.11:
346-348 N'63.

1. Ustav pro vyzkum optiky a jemne mechaniky, Prerov.

SMEJKAL, V., MUDr; VANA, V., MUDr

Therapy of spontaneous panniculitis of Weber-Christian type, with cortisone and ACTH. Cas. lek. cesk. 93 no.46:1280-1281 12 Nov 54.

1. Z chirurgickeho oddeleni OUNZ v Ceske Lipe, prednosta MUDr V. Fabian
(PANNICULITIS, therapy
    ACTH & cortisone)
(ACTH, ther. use
    panniculitis)
(CORTISONE, ther. use
    panniculitis)

SILJKAL, V.; SILJKALOVA-PRAZAKOVA, B.

Methodological contribution to the isolation of leukocytes from peripheral blood for the biochemical examination. Cesk. fysiol. 11 no.2:117-120 '62.

1. Vyzkumny ustav endokrinologicky, Praha.
(LEUKOCYTES)

NEVSIMAL, O.; ROTH, B.; SMEJKAL, Vl.; SOUMAR, J.

EEG studies on hyperthyroidism and hypothyroidism before and after clinical therapy. Cesk. neurol. 25 no.4:243-247  Jl '62.

1. Neurologicka klinika fakulty vseobecneho lekarstvi University Karlovy v Praze, prednosta akademik K. Henner Vyzkumny ustav endokrinologicky, reditel prof. K. Silink.

(ELECTROENCEPHALOGRAPHY)   (HYPERTHYROIDISM ther)
                (HYPOTHYROIDISM ther)

SINGLIAR, M.; SMEJKAL, V.

Determining chlorinated hydrocarbon in waste waters. Chem prum
14 no.6:283-286  Je '64.

1. Research Institute of Petrochemistry, CHZWP National Enter-
prise, Novaky.

TOPOLSKY, L. MUDr.; POLEDNIK, J., MUDr.; SMEJKALOVA, J.; LABUS, I.

Fertility following treatment of tuberculosis of the internal
female genitalia. Cesk. gynek. 44 no.3:198-201 Ap'65.

1. Gyn.-por. odd. Obvodniho ustavu narodniho zdravi v Poprade
(veduci: MUDr. L. Topolsky); Gyn.-por. odd. UNZ v Krompachoch
(veduci: MUDr. J. Polednik) a Liecelna pre tbc v Novom Smokovci
(riaditel: MUDr. K. Krchnavy).

TOPOLSKY, L., dr.; SMEJKALOVA, J.; LABUS, I.

Treatment of internal genitalia with second line antituberculotics.
Cesk. gynek. 30 no.1:40-43 Mr'65.

1. Liecebna pre tuberkulozu v Novom Smokovci (riaditel: dr.
A. Krchnavy) a Gyn.-por. oddzial Obvodniho ustavu narodniho
zdravi v Poprade (veduci: dr. L. Topolsky). 2. L.Topolsky's
address: Poprad, Uzavreta 2.

L 43401-65   EPA(s)-2/EWA(o)/EWT(m)/EWG(m)/EWP(b)/T/EWP(t)   Pt-7   IJP(o)   BLW/
ACCESSION NR: AP5005381   JD/JG   o/0030/65/008/002/0613/0618

AUTHOR: Ivanov-Omskiy, V.I.; Kolomiyets, B.T.; Mal'kova, A.A.; Ogorodnikov, V.K.;
Smekalova, K. P.

TITLE: Galvanomagnetic properties of mercury telluride

SOURCE: Physica status solidi, v. 8, no. 2, 1965, 613-618

TOPIC TAGS: galvanomagnetic property, mercury telluride, semiconductor, donor
concentration, Hall coefficient, semimetal, single crystal, conductivity, Hall
mobility

ABSTRACT: This paper reports the results of an investigation of the galvanomag-
netic properties of HgTe carried out on purer p-type samples, and also the re-
sults of measurements made on an n-type single crystal with an excess concentra-
tion of donors n = 4.5 x 10^16 cm^-3.  This is a continuation of an earlier study
in which the Hall coefficient and conductivity of p-type single crystals of HgTe
at low temperatures were measured.  It was on the basis of this study that the
conclusion was made that HgTe is a semimetal.  In the present investigation the
conductivity, Hall coefficient, and change of resistance in a magnetic field were

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L 43601-65
ACCESSION NR: AP5005381

measured in the temperature interval 2 to 300°K. No rigorous agreement between experiment and the two-zone conductivity model was observed. The HgTe single crystals were prepared by horizontal zone melting. An estimate is given of the temperature dependence of the natural concentration of charge carriers. The Hall mobility of the n-type sample at low temperatures exceeds 200,000 $cm^2$/sec. Orig. art. has: 7 figures and 1 table.

ASSOCIATION: Fiziko-tekhnicheskiy institut, Leningrad (Physicotechnical Institute)

SUBMITTED: 10Nov64          ENCL: 00          SUB CODE: EC, SS

NO REF SOV: 002             OTHER: 006

Card 2/2

*SMEJKALOVA, M,*

ZEMPLENYI, T., MUDr; BECK, W., MUDr; SMEJKALOVA, M., MUDr; RAUCHENBERG, M., MUDr

Implantation stenosis of liver carcinoma to the heart with a clinical picture of valvular lesions. Cas. lek. cesk. 93 no.43:1194-1198 22 Oct 54.

1. Z Int. odd. st. obl. nem. v Praze-Motole, prednosta prof. MUDr V.Jonas. (for Zemplenyi, Beck, Smejkalova) 2. Z prosektury st. obl. nem. v Praze-Motole, prednosta primar MUDr M.Rauchenberg. (for Rauchenberg)
    (HEART, neoplasms,
      metastatic from liver, differ. diag. from valvular
      lesions)
    (LIVER, NEOPLASMS,
      metastatic to heart, simulating valvular lesions)
    (CARDIAC VALVES, diseases,
      differ. diag. from carcinoma of heart metastatic from liver)

HOLECKOVA, Helena; SMEJKALOVA, Marie

Petrochemistry of Klatovy granite. Sbor chem tech no.3, part 2:307-319 '59.

1. Katedra mireralogie, Vysoka skola chemicko-technologicka, Praha.

SMEJKALOVA, Marie

Petrochemistry of Jevany granite. Sbor chem tech 4 no.1:383-390
'60.                                                    (EEAI 10:9)

1. Katedra mineralogie, Vysoka skola chemicko-technologicka, Praha.

(Granite)

SIMEK, Karel; HCRECKA, Jana; Technicka asistence: SMEJKALOVA, Marie

Heterohemagglutination in epidemic hepatitis. Scr. med. fac.
med. Brunensis 36 no.5:241-248 '63.

1. Katedra mikrobiologie lekarske fakulty university J.E.
Purkyne v Brne. Vedouci katedry: MUDr. Lad. Jandasek, C.Sc.
Infekcni klinika fakultni nemocnice v Brne-Bohunicich
Prednosta: prof. MUDr. Vaclav Houbal, Dr.Sc.
        (HEPATITIS, INFECTIOUS)   (HEMAGGLUTINATION)
        (ANTIBODY FORMATION)   (LIVER DISEASES)
             (LIVER FUNCTION TESTS)

SILJKAL, V.; SILJKALOVA-PRAZAKOVA, B.

Methodological contribution to the isolation of leukocytes from peripheral blood for the biochemical examination. Cesk. fysiol. 11 no.2:117-120 '62.

1. Vyzkumny ustav endokrinologicky, Praha.
(LEUKOCYTES)

CZECHOSLOVAKIA

SMEJKALOVA-PRAZAKOVA, E; SMEJKAL, V.

Research Institute of Endocrinology (Vyzkumny ustav endo-
krinologicky), Prague (for both)

"The Significance of Adenosintriphosphatase Activity
in Leukocytes for the Diagnosis of Thyrotoxicosis."

CZECHOSLOVAKIA

SMEJTEK, P.; HONZL, J.; METALOVA, V.

Institute of Macromolecular Chemistry, Czechoslovak
Academy of Sciences, Prague - (for all).

"Electron paramagnetic resonance of radical cations
of benzidine and tetramethylbenzidine."

Intermolecular effects in liquids. II. Liquid-vapor equilibrium in the system butyl ether-ethyl ether. Dušan Papoušek and Emil Smékal (Přírodovědecká fak., Masarykova univ., Brno, Czech.). Chem. listy 52, 542-5(1958); cf. C.A. 52, 3443i.—The vapor-liquid equil. in the system BuOH-EtOH was detd. at 600 mm. Hg. The system behaves ideally in agreement with theoretical expectation.

E. Erdös

STANEK, Jaroslav; SMEKAL, Emil

On the possibility of distinguishing chemical compounds by
semiconducting sensors. Scr. med. fac. med. Brunensis 36
no.5:215-228 '63.

1. Katedra lekarske fysiky lekarske fakulty university J.E.
Purkyne v Brne. Vedouci: MUDr. Jaroslav Stanek CSc.
        (CHEMISTRY, ANALYTICAL)   (ALCOHOLS)

SKOTAKOVA, Marie; NEZVAL, Jaroslav; SMEKAL, Emil

Contribution to the mechanism of the potentiating effect of
ethylenediaminetetraaceti acid on the bactericidal activity
of N-(alpha-carbethoxypentadecyl)-trimethulammonium chloride.
Scr.med.fac.med. Brunensis 37 no.1:21-28 '64.

Contribution to the mechanism of the potentiating effect of
ethylenediaminetetraacetic acid on the bactericidal activity of
N-(alpha-carbethoxypentadecyl)-trimethyl ammonium chloride.

1. Katedra lekarske fysiky lekarske fakulty university J.E.
Purkyne v Brne (vedouci:doc. MUDr. Jaroslav Stanek, CSc.)
a Katedra hygieny a epidemiologie lekarske fakulty university
J.E.Purkyne v Brne (vedouci:prof. MUDr. et RNDr.Karel Halacka).

L  0  0

ACC NR:  AP6027376                         SOURCE CODE:  CZ/0043/66/000/004/0299/0306

AUTHOR:  Smokal, Emil (Graduate chemist; Brno)

ORG:  Department of Medical Physics, Medical Faculty, J. E. Purkyne University, Brno
(Katedra lekarske fysike Lekarske fakulty University J. E. Purkyne)

TITLE:  Fluorescence measurements with a universal spectrophotometer

SOURCE:  Chemicke zvesti, no. 4, 1966, 299-306

TOPIC TAGS:  spectrophotometer, fluorescence, fluorescence spectrum/VSU-1 spectro-
photometer

ABSTRACT:     The author describes a modification of the East German
universal spectrophotometer produced by the firm Carl Zeiss, Jena
Model VSU-1 so that it could be used for fluorescent spectrophoto-
metry and for fluorometric measurements.  Combining the instrument
with a linear recorder makes possible direct recording of fluores-
cence spectra.  The modification using parts produced in East
European countries  is supposed to be equal to a commercial fluori-
meter offered by Photovolt Corp. of New York. Orig. art. has:  7 figures
/JPRS: 36, 464/

SUB CODE:  20  /  SUBM DATE:  07Jul65  /ORIG REF: 006 / SOV REF: 001 / OTH REF:004

Card  1/1

0977                          0503

GALATIK, Antonin; SMEKAL, Frantisek; KOVACOVA, Olga

Indirect polarographic determination of calcium in chrome
leather. Kozarstvi 14 no. 2: 49-50 F '64.

1. Oblastni laborator, Svit, n.p., Otrokovice.

SURNAME, Given Names

Country:   Czechoslovakia

Academic Degrees:

Affiliation:

Source:   Prague, Prakticky Lekar, Vol 41, No 11, 1961, pp 499-505.

Data: "Prevention in the Staphylococcal Infections in Maternity and Infant Departments."

Authors: GAZAREK, Frantisek, MD, Director of the Obstetrical and Gynecologica
Department OUNZ /Okresni ustav narodniho zdravi; Okres
Institute of Public Health/ (Porodnicko-gynekologicke
oddeleni OUNZ), Sumperk.

Luskac, Emil, MD, /presumably/ Epidemiological Department of the
Ministry of Health (Oddeleni epidemiologie Ministerstva
zdravotnictvi), Prague.

HAJDUK, Frantisek, MD, /presumably/ Epidemilogical Department of
the Ministry of Health, Prague.

SMEKAL, M., RNDr, KHES /Krajska hygienicko-epidemiologicka stani-
ce; Kraj Public Health and Epidemiology Station/, Olomouc

VAREKA, RNDR, OHES /Okresni hygienicko-epidemiologicka stanice;
Okres Public Health and Epidemiology Station/, ...
Sumperk.

BOLEK,S.; SMEKAL, M.; VYKYDAL, M.; ZIZKA, Z.

Antibacterial and antimycotic effects of various antimalarials.
Bratisl. lek. listy 45 no.8:499-505  30 Ap '65

1.  Okresni hygienicko-epidemiologicka stanice v Olomouci
(reditel: MUDr.V. Burian) a III. interni klinika Lekarske fakulty
University Palackeho v Olomouci (vedouci: prof. MUDr. V. Pelikan).

MORGUN, A., inzh.; SHCHERBAKOV, V., inzh.;ZUBKOV, V. inzh.; SMEKALIN, V., inzh.

Rubber cleaner for separator sieves. Muk.-elev.prom. 25  no.7:
16-17  Jl  '59.                              (MIRA 12:11)

1. Gor'kovskiy mashinostroitel'nyy zavod im. Vorob'yeva (for
Morgun, Shcherbakov). 2. Gor'kovskiy mel'nichnyy kombinat  No.1
(for Zubkov, Smekalin).
                        (Sieves)

SMEKALIN, V.I.

Packing glands for turbodrills.  Bezop.truda v prom. 5 no.7:30
Jl '61.                                    (MIRA 14:6)

1. Kontora bureniya No. 5 Saratovskogo sovnarkhoza.
                (Turbodrills)

31881
S/170/62/005/001/009/013
B125/B104

$24.5200$

AUTHOR:     Smekalin, V. I.

TITLE:     A method for quickly determining the coefficients of
thermal diffusivity and thermal conductivity of nonconductors

PERIODICAL:     Inzhenerno-fizicheskiy zhurnal, v. 5, no. 1, 1962, 99-101

TEXT:  An improved method, theoretically based on the solution of the
problem of a plane source of heat with a constant specific power q in an
unbounded medium with the coefficient of thermal conductivity a and the
coefficient of thermal diffusivity $\lambda$, has been elaborated for studying the
thermal properties of nonconductors.  From the solution

$$\Delta t = t(x, \tau) - t_0 = (q \sqrt{a\tau}/\lambda) \, i \, \text{erfc} \, (x/2 \sqrt{a\tau}). \qquad (1)$$

one obtains

$$\theta = \frac{\Delta t_2}{\Delta t_1} = \sqrt{\frac{\tau_2}{\tau_1}} \, \frac{i \, \text{erfc} \, (x/2 \sqrt{a\tau_2})}{i \, \text{erfc} \, (x/2 \sqrt{a\tau_1})} . \qquad (4)$$

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A method for quickly determining...

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S/170/62/005/001/009/013
B125/B104

with the formulations

$$\Delta t_1 = t_1(x, \tau_1) - t_0 = (q\sqrt{a\tau_1}/\lambda)\, i\,\text{erfc}\,(x/2\sqrt{a\tau_1}) \tag{2}$$

$$\Delta t_2 = t_2(x, \tau_2) - t_0 = (q\sqrt{a\tau_2}/\lambda)\, i\,\text{erfc}\,(x/2\sqrt{a\tau_2}). \tag{3}$$

and

for the instants $\tau_1$ and $\tau_2$. By means of the functions

$$\Lambda_1 = x/2\sqrt{a\tau_1}; \tag{5}$$

$$\Lambda_2 = x/2\sqrt{a\tau_2} = \Lambda_1\sqrt{\tau_1/\tau_2}; \tag{6}$$

$$\varphi_a = 1/4\,\Lambda_2^2 \tag{7}$$

and

$$\varphi_\lambda = (1/2\,\Lambda_2)\,(i\,\text{erfc}\,\Lambda_2). \tag{8}$$

(4) is represented in the form

$$\theta = \sqrt{\frac{\tau_2}{\tau_1}}\,\frac{i\,\text{erfc}\,\Lambda_2}{i\,\text{erfc}\,\sqrt{\tau_2/\tau_1}\,\Lambda_2}. \tag{4'}$$

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A method for quickly determining...

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S/170/62/005/001/009/015
B125/B104

At fixed values $\tau_1$ and $\tau_2$, $\Lambda_2$ can easily be found from (4') with the aid of a nomogram. a and $\lambda$, respectively, have to be calculated from (6) and (3), respectively: $a = x^2 \varphi_a / \tau_2$ and $\lambda = qx\varphi_1/\Lambda t_2$, $\varphi_a$ and $\varphi_\lambda$ were determined graphically. Fig. 2 shows the basic diagram of the apparatus operating according to the principle proposed here. In the course of the experiment, which took 5 to 6 min, the temperatures were determined for the instants 2, 3, 4, 5, and 6. The values of a and $\lambda$, obtained for a great number of different materials (textolites, glass textolites, plastics, resins, etc.) by the method and apparatus described above, deviated only by 5 and 3 %, respectively, from their arithmetic means. In view of the great experimental and theoretical simplicity of the method under consideration, it is suitable for quick investigations of many nonconductors dielectrics. There are 2 figures and 3 Soviet references.

SUBMITTED:     May 15, 1961

Card 3/4

2

L 8528-65    AFDC(b)
ACCESSION NR: AP4046808                        S/0096/64/000/010/0082/0083

AUTHORS: Zalkind, I. Ya. (Candidate of technical sciences); Belevich, I. S.;
Smekalkin, V. I.; Kormer, I. M. (Engineer); Khlyustova, A. N. (Engineer)        B

TITLE: A new device for determining the coefficient of thermal conductivity at high
temperatures

SOURCE: Teploenergetika, no. 10, 1964, 82-83

TOPIC TAGS: thermal conductivity, high temperature instrument/ PP potentiometer,
PPTN 1 potentiometer, NG 55 null galvanometer

ABSTRACT: Present devices for measuring thermal conductivity at high temperatures
are based on steady methods. A whole series of planar, cylindrical, and spherical
devices have been employed. Several defects of present methods are pointed out by
the authors. The present work presents the design of a simple device, with maximum
simplicity of measurement, for determining the coefficient of thermal conductivity
of small specimens at high temperatures. The basic scheme is shown in Fig. 1 on
the Enclosures. The basic difference between this and standard devices is the
fundamentally new scheme of measuring heat flow, based on an element producing a
definite heat flow. The design of the calorimeter is shown in Fig. 2 on the

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L 8528-65
ACCESSION NR: AP4046808                                                    0

Enclosures. The temperatures of the specimen and of the plate are measured by means
of a potentiometer. The specimen is measured on the hotter side and the cooler side
and the temperature drop is determined. The equality of temperature between the
calorimeter casing and the shield of the heat-generating elements is determined by a
null galvanometer. The coefficient of thermal conductivity, $\lambda$, in kcal/m·hr·°C, is

given by the equation $\lambda = \dfrac{0.86Iv\,\delta}{F\,\Delta t}$ , where I is the current strength at the

calorimeter heater, v is the voltage at the calorimeter heater, $\delta$ is the thickness
of the specimen between thermocouples, F is the area of the calorimeter heater
shield, and $\Delta t$ is the temperature drop on the specimen in °C. The device was
tested against published data and found to give results in good agreement with
these. Orig. art. has: 3 figures and 2 formulas.

ASSOCIATION: ORGRES

SUBMITTED: 00                                                            ENCL: 02

SUB CODE: TD            NO REF SOV: 00?                     OTHER: 000
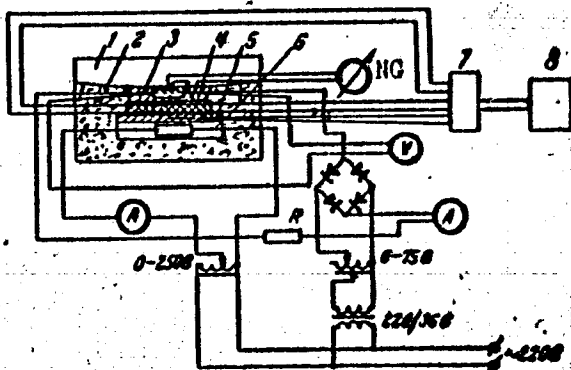
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L 8528-65
ACCESSION NR: AP4046808

Fig. 1. Basic design of device.
1 - housing of device; 2 - heat-insulating cover; 3 - calorimeter;
4 - test specimen; 5 - cast iron heating plate; 6 - ceramic heater;
7 - thermocouple switch; 8 - PP potentiometer.

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Fig. 2.  Design of calorimeter.
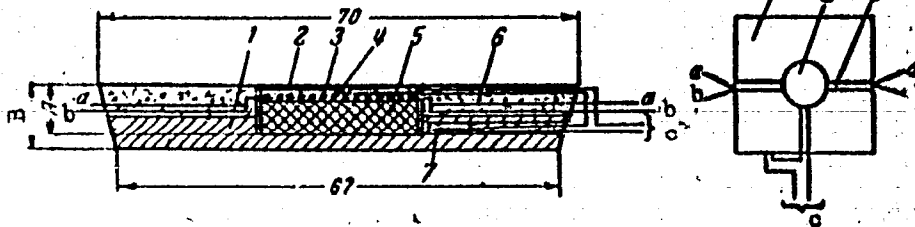1 - casing of calorimeter; 2 - shield of heat-generating element;
3 - heater; 4 - thermocouple under shield of heat-generating element;
5 - heat-insulating cover of generating element; 6 - heat-resistant
cement; 7 - thermocouple in casing of calorimeter; a - current leads
to calorimeter heater; b - leads for measuring voltage at heater;
c - leads for differentially combined thermocouples.

Card 4/4

ANDREYCHENKO, A.V., inzh.; KONSTANTINOV, T.F., inzh.; DAV, Z.I., inzh.;
   SMEKALOV, A.G., inzh.

Study of the stresses in the rods of reinforced concrete power trans-
mission line towers. Energ. stroi. no.32:78-83 '62.    (MIRA 16:5)

1. Beskudnikovskiy zavod zhelezobetonnykh konstruktsiy (for Andrey-
chenko, Konstantinov). 2. Moskovskiy filial Vsesoyuznogo instituta
po proyektirovaniyu organizatsiy energeticheskogo stroitel'stva
(for Dav, Smekalov).

YERMOLAYEV, V.I., KRYUCHKOV, V.V., SHEKALOV, M.M.

Modern signaling, central control and block system equipment used in underground electromotive transport. Priborostroenie no.12:2-5 D '56.
(MLRA 10:1)

(Subways--Signaling) (Automatic control)

SMEKALOV, Vasiliy Ivanovich; LIPKIND, M.Ya., inzhener; ZHEREBIN, M.I., Inzhener, redaktor; KANDYKIN, A.Ye., tekhnicheskiy redaktor

[Detection of imperfect rails in the track] Obnarzhenie defektnykh rel'sov v puti. Moskva, Gos. transp. zhel-dor. izd-vo, 1954 26 p.
(MLRA 8:7)

1. Putevoy obkhodchik po osmotru rel'sov Kuzinskoy distantsii puti Sverdlovskoy dorogi (for Smekalov). 2. Nachal'nik tekhnicheskogo otdela sluzhby puti Sverdlovskoy dorogi (for Lipkind).
(Railroads--Rails)

Electrical properties of monocrystalline HgTe and its alloys with CdTe.
V. I. Ivanov-Omskiy, B. T. Kolomiyets, A. A. Mal'kova, V. K. Ozorodnikov,
K. P. Smekalova. (Presented by V. I. Ivanov-Omskiy--15 minutes).

Notes: HgTe in semi-metallic; at $4°K$ the band overlap is $\sim 0.05$ eV,
$\mu_h/\mu_e = 50$ to $100$.

Report presented at the 3rd National Conference on Semiconductor Compounds,
Kishinev, 16-21 Sept 1963

ACCESSION NR: AP4041377                                    S/0048/64/028/006/1057/1064

AUTHOR: Ivanov-Omskiy, V.I.; Kolomiyets,B.T.; Mal'kova,A.A.; Ogorodnikov,V.K.; Smekalova,.K.P.

TITLE: Electric properties of single crystals of p-type HgTe and its alloys with CdTe /Report, Third Conference on Semiconductor Compounds held in Kishinev 16 to 21 Sep 1963/

SOURCE: AN SSSR. Izvestiya. Seriya fizicheskaya, v.28, no.6, 1964, 1057-1064

TOPIC TAGS: semiconductor property, electric property, Hall constant, mercury telluride, cadmium telluride

ABSTRACT: Single crystals of HgTe and HgTe-CdTe solid solutions were prepared by Bridgman's method and annealed in mercury vapor. Electric conductivities, Hall constants, and magnetoresistances were measured, in some cases at temperatures as low as 2°K. The relation between the Hall constant of HgTe and the magnetic field was determined at 4.2°K. The relation between the Hall constant and the magnetoresistance was determined for HgTe at several temperatures and was found to be linear. The behavior of the Hall constant of HgTe at low temperatures varied from sample to

Card 1/3 1/2

ACCESSION NR: AP4041377

ASSOCIATION: none

SUBMITTED: 00

SUB CODE: SS,IC

NR REF SOV: 001

ENCL: 00

OTHER: 007

Card 3/3

L 3459-66    EWT(1)/EPA(s)-2/EWT(m)/ETC/EWG(m)/EPA(w)-2/T/EWP(t)/EWP(b)/EWA(m)-2/EWA(c)
ACCESSION NR:   AP5017205    LJP(c)    RDW/JD/JG UR/0020/65/162/006/1269/1270

AUTHORS:  Ivanov-Omskiy, V. I.;  Kolomiyets, B. T.;  Ogorodnikov,
V. K.;  Smekalova, K. P.;  Konstantinov, B. P.

TITLE:  Electron mobility in HgTe

SOURCE:  AN SSSR. Doklady, v. 162, no. 6, 1965, 1269-1270

TOPIC TAGS:  mercury compound, telluride, Hall coefficient, semi-
conductor carrier, electron mobility, magnetoresistance

ABSTRACT:   In view of the difficulty of determining the type of con-
ductivity of HgTe from measurements of the Hall effect, owing to the
larger ratio of the electron mobility to the hole mobility ($\sim$100), the
authors investigated single-crystal samples of HgTe, prepared by zone
melting with subsequent annealing in mercury vapor, over a large range
of temperatures.  From the temperature dependence of the Hall coeffi-
cient it is concluded that HgTe is a semiconductor of the n-type,
whose carrier mobility has a temperature dependence typical of the
degenerate electron gas in semiconductors and in metals.  The electron

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ACCESSION NR: AP5017205

mobility is quite high at all temperatures, reaching 200,000 $cm^2$/V-sec. The Hall coefficient exhibits a strong dependence on the magnetic field intensity. This is attributed either to inhomogeneity to the crystal or to the complicated energy spectrum of the electrons in the HgTe. The magnetoresistance of HgTe is characterized by curves having a continuously varying slope and exhibiting no saturation. This report was presented by B. P. Konstantinov. Orig. art. has: 2 figures

ASSOCIATION: Fiziko-tekhnicheskiy institut im. A. F. Ioffe Akademii nauk SSSR (Physicotechnical Institute AN SSSR)

SUBMITTED: 16Dec64          ENCL: 00          SUB CODE: NP

NR REF SOV: 003             OTHER: 005

BЛK

Card 2/2

SMEKALOVA, L.K.

Dividing a terrotory into physicogeographical districts for studying frost danger. Vest. LGU 12 no.2:164-167 '57.          (MIRA 11:2)
                         (Frost)

SMEKALOVA, L.K.

Intensity of morning frosts in different locales of Leningrad Province. Vest. LGU 12 no.6:112-121 '57.                    (MLRA 10:5)
(Leningrad Province--Frost)

SISELALOVA, L.K., Can Geogr Sci -- (diss) "Intensity of the First

Autumn Frosts under Various Types of Weather on the Territory of

Leningrad Raion", Len, 1958, 10 pages (Leningrad Order of Lenin

State University im A.A. Zhdanov). 100 copies (KL 10-58, 119).

- 9 -

SMEKALOVA, L.K.

Frost intensity under conditions prevailing at various locations
in Leningrad Province. Uch.zap.LGU no.269:96-122  '59.
(MIRA 12:6)

(Leningrad Province—Frost)

SMEKALOVA, L.K.

Some types of connection between moisture content and rainfall.
Trudy OGMI  no.23:17-22  '61.                                    (MIRA 16:6)
                      (Humidity)  (Rain and rainfall)

SMEKALOVA, L.K.

Relationship between the moisture content and precipitation.
Vest. LGU 17 no.18:120-124 '62.                    (MIRA 15:10)
       (Black Sea region—Precipitation (Meteorology)
           (Black Sea region—Moisture)

KALININA, I.I.; SMEKALOVA, L.K.

Moisture transfer over the Ukrainian S.S.R. and the Moldavian S.S.R.

(MIRA 16:6)

Trudy OGMI   no.28:39-45  '62.

(Ukraine—Moisture)   (Moldavia—Moisture)

TUR'YAN, Ya.I., kand.tekhn.nauk; SMEKALOVA, V.V.; KHARLAMOVA, V.M.

Developing the automatic control of the liquor vapor content in the production of ammonium nitrate. Khim.prom. no.8:679-681 D '60.
(MIRA 13:12)

1. Lisichanskiy filial Instituta avtomatiki Gosplana USSR.
(Ammonium nitrate)

TUR'YAN, Ya.I.; SMEKALOVA, V.V.

Polarographic study of equilibria in the interaction of
hydroxylamine and cyclohexanone oxime with formaldehyde
in aqueous solutions. Zhur.anal.khim. 17 no.9:1117-1119
D '62.                                                  (MIRA 16:2)

1. Yaroslavskiy institut monomerov i Lisichanskiy filial
Instituta azotnoy promyshlennosti.
    (Hydroxylamine)        (Cyclohexanone)     (Formaldehyde)

TUR'YAN, Ya.I.; SMEKALOVA, V.V.

Indirect method of polarographic determination of cyclohexanone
oxime, hydroxylamine, aci-form of nitrocyclohexane, nitromethane,
and nitroethane.  Zav.lab.  28  no.8:923-926  '62.        (MIRA 15:11)

1. Lisichanskiy filial Gosudarstvennogo instituta azotnoy pro-
myshlennosti.
                          (Azepinone)  (Polarography)

TUR'YAN, Ya.I.; SMEKALOVA, V.V.

Polarographic study of the equilibrium of formaldehyde reactions
with nitro alkanes and nitrocyclohexane. Zhur.prikl.khim. 35
no.12:2729-2734  D '62.                                   (MIRA 16:5)

1. Lisichanskiy filial Instituta azotnoy promyshlennosti.
        (Formaldehyde)  (Paraffins)  (Chemical equilibrium)

YURRE, Nil Andreyevich; SMIKAYEV, Petr Aleksandrovich; TIMOFEYEV, V.P.,
prof. red.; MAMEDOV, T.M., red.; POLUNICHEVA, I.A., red. izd-va;
BRATISHKO, L.V., tekhn. red.

[Increasing the productivity of forests; forty years' practice of
the Serebryanyye prudy working group] Povyshenie produktivnosti lesa;
40-letnii opyt raboty Serebriano-prudskogo lesnichestva. Pod ob+
shchei red. V.P. Timofeeva. Moskva, Goslesbumizdat, 1957. 54 p.
    (Serebryanyye Prudy District—Forests and forestry)(MIRA 11:7)

L 27220-66    EWT(m)

ACC NR: AM6002131              Monograph                     UR/
                                                              2 2

Frolov, Nikolay Prokhorovich; Bessonov, Valeriy Georgiyevich; Zalogo, Vitaliy    B+/
   Fedorovich; Petsol'd, Timofey Maksimovich; Smekh, Ivan Vasil'yevich

Mesh-reinforced concrete constructions (Armotsementnyye konstruktsii) Minsk, Nauka i
   tekhnika, 1965.  90 p. illus., biblio. 2000 copies printed.

TOPIC TAGS:  construction material, reinforced concrete, engineering technology

PURPOSE AND COVERAGE:  The book recommends technology to be used in manufacturing
   reinforced-concrete structures.  It summarizes the results of the investigations of
   rigidity and crack-resistance of reinforced concrete and analyzes some particular
   features of its work and design.  In addition, an example of the design of a
   reinforced concrete structure is given, and the results of an experimental investi-
   gation of its performance are outlined.  The book is intended for engineers and
   technicians working in building and designing organizations, as well as for students
   specializing in construction and research workers in this field.  There are 46
   references, of which 26 are Soviet.

TABLE OF CONTENTS:

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Ch. I.  Use of reinforced concrete in construction -- 5

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ACC NR: AM6002131                                                          0

Ch. II.  Materials and techniques in making reinforced concrete structures -- 12

Ch. III.  Investigation of the physical and mechanical properties of reinforced concrete -- 22

Ch. IV.  Features in the performance of reinforced concrete -- 47

Ch. V.  Design of reinforced concrete structures -- 73

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SUB CODE:  11/  SUBM DATE:  09Jul65/  ORIG REF:  029/  OTH REF:  017/

Card    2/2

**The Use of Sodium Thiosulphate Instead of Sodium Arsenite in the Determination of Manganese by the Persulphate Method.** N. V. Udovenko and E. V. Smikh. (Zavodskaya Laboratoriya, 1941, No. 4, pp. 398-400). (In Russian). The results obtained by the persulphate method of determining manganese were unchanged when sodium thiosulphate was used for the final titration instead of sodium arsenite. Thiosulphate can also be used for the potentiometric titration. Sodium thiosulphate solution is to be preferred to sodium arsenite, as it is non-poisonous and more stable, particularly in warm weather.

Use of thiosulfate instead of arsenious salt in determining manganese by the persulfate method. N. V. Udovrako and E. V. Smekh. Zavodskaya Lab. 9, 398-400(1940).— When Mn is detd. in the usual way by the persulfate method, the HMnO$_4$ formed can be titrated with Na$_2$S$_2$O$_3$ soln. just as accurately as with NaH$_2$AsO$_3$ soln.

B. Z. Kamich

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7

Determination of copper in carbon and low alloy steels by means of internal electrolysis. F. V. Smith and A. M. Nalgovsen. Zavodskaya Lab. 9, 1218(1940). Dissolve 1 g. of sample in 10-15 ml. HCl (1-19), add 3-4 ml. of HNO₃ (1.40) and 5 ml. H₂SO₄ (1-1) and evap. to fumes of SO₃. Cool, add 30-40 ml. water, heat to dissolve salts, dil. with water to 250 ml., heat to 60-70° and add 4 g. of hydrazine. Immerse a Pt cathode and Al anode and conduct the electrolysis at 60-70° for 45 min. Remove the electrodes, wash, dry and weigh the cathode. The cathode should be a gauze and its edge should protrude above the electrolyte. The anode is prepd. from pure Al rod 10-15 mm. in diam. and 120 mm. long.    H. / K.

METALLURGICAL LITERATURE CLASSIFICATION
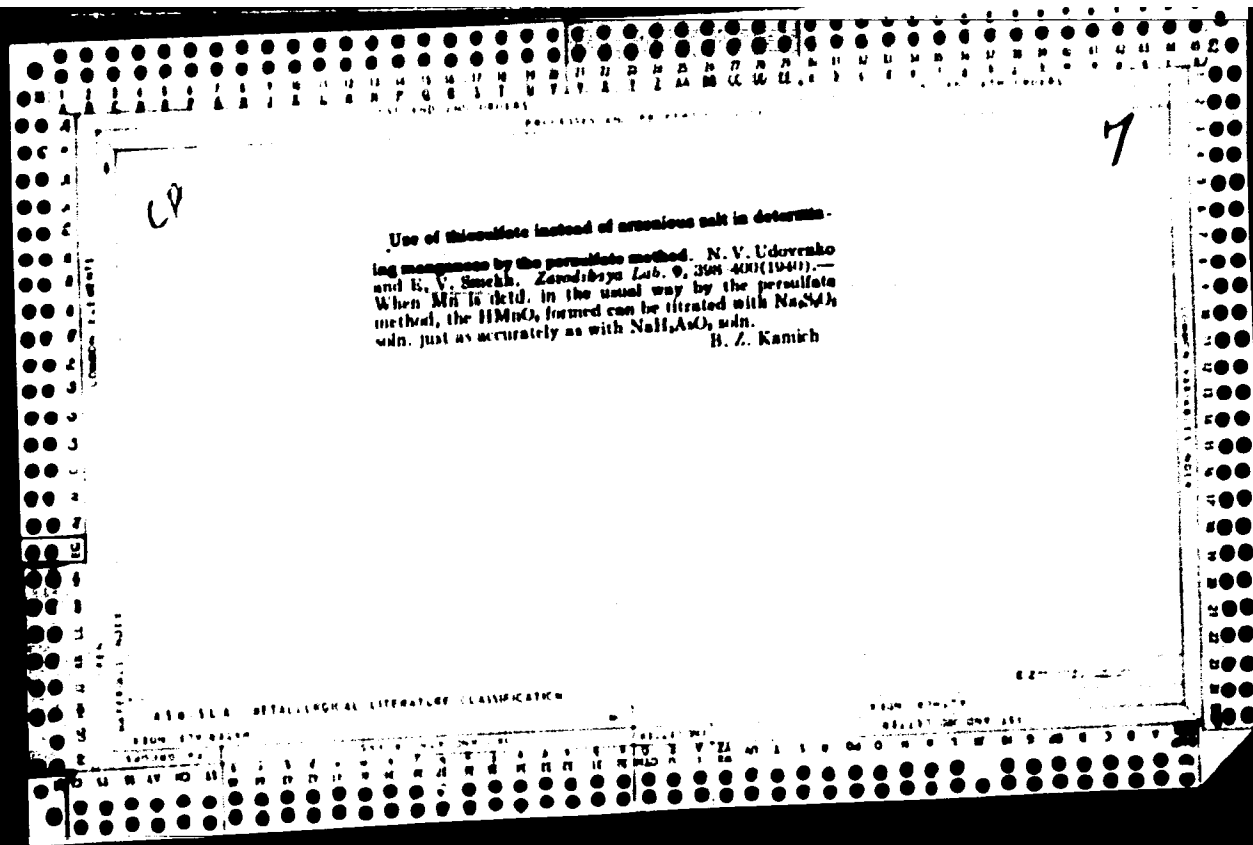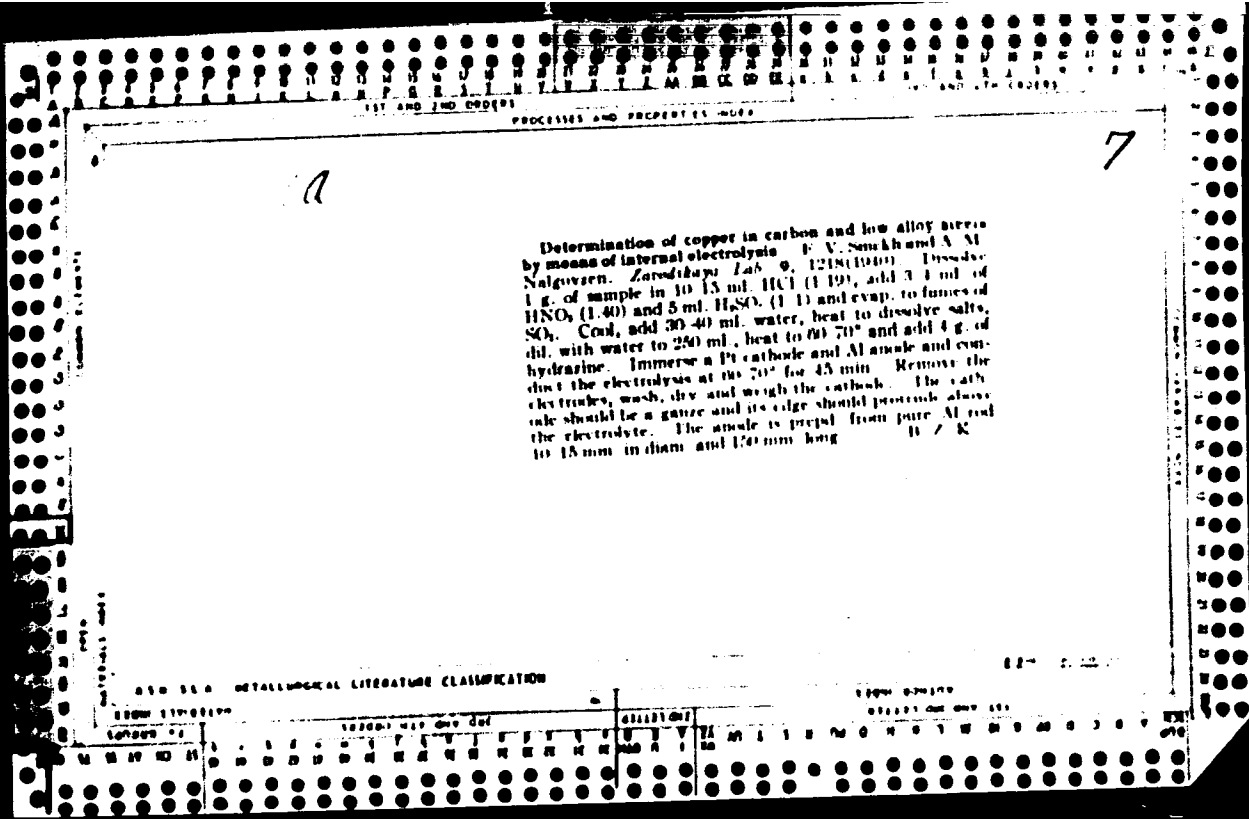
28156

S/122/61/000/003/009/013
D241/D305

L 1950

AUTHORS:      Zemskov, G.V., Candidate of Technical Sciences,
              Docent, Smekh, Ye.V., Gushkin, L.K., and Khmelevs-
              kaya, M. Ye., Engineers

TITLE:        Ultrasonic cleaning of steel from scales

PERIODICAL:   Vestnik mashinostroyeniya, no. 3, 1961, 59-61

TEXT:  The authors carried out research on the effect of ultra-
sonics on cleaning steel wire after drawing and patenting as well
as on clock files and ordinary files after their hardening in oil.
Pickling was carried out in a stainless steel bath. The ultrasonic
vibrations were produced by a valve generator of 2.5 KW and em-
ploying a band of frequencies of 18 - 50 Kc. Nickel and "permen-
dure" (K50F2) magnetostrictive vibrators mounted below and on the
side of the bath produced the vibrations. No effect of frequency
variation on the speed of etching was observed. The wire was trea-
ted in bundles, whereas the files were etched in bunches. Use was
made of the following media: Water, a solution of sulphuric

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Ultrasonic cleaning of steel ...

and hydrochloric acids, their mixtures and solutions of culinary
salt and alkalis. The relationship between the time of cleaning
and the composition, concentration and temperature of solutions
was established. The effect of the number of rows of wire in a
bundle was also investigated. For comparison purposes experiments
were carried out without the ultrasonics. Fig. 1 illustrates the
relationship between the time of etching a patented wire in steel
70 and the concentration of acids. It can be seen from the graphs
that the duration of etching is reduced by tens of times, and it
reaches the minimum with a concentration that is lower than in
normal etching. This allows a less frequent renewal of solutions.
The effect of temperature is indicated graphically also. With lo-
wer concentrations of acids there is a greater effect of tempera-
ture on the speed of etching. The introduction of hydrochloric
acid into the sulphuric acid solution increases the speed of pick-
ling and produces a clearer metal surface. The most suitable solu-
tions are the 10% sulphuric or hydrochloric acid with a content of
5% NaCl. The effect of screening due to the number of rows of wire
in the bundles is also shown. If the article is preliminarily

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D241/D305

Ultrasonic cleaning of steel ...

treated during 5-10 minutes in a solution of sulphuric or hydro-
chloric acids and then cleaned by ultrasonics in water, the scales
will be removed in 1 - 3 minutes which is a few times slower than
in a solution of acid. Cleaning in water promotes rinsing of the
etching solution. This can lead to a reduction of brittleness due
to hydrogen. The mechanics of ultrasonic removal of scales is then
described. There are 4 figures and 2 references: 1 Soviet-bloc and
1 non-Soviet-bloc.

Card 3/5

S/137/62/000/007/070/072
A160/A101

AUTHORS:     Zemskov, G. V., Kogan, R. L., Smekh, Ye. V., Zdanovich, V. L.,
             Gushchin, L. K., Kostenko, A. V.

TITLE:       The problem of hardening steel in an ultrasonic field

PERIODICAL:  Referativnyy zhurnal, Metallurgiya, no. 7, 1962, 109, abstract 71740
             ("Nauchn. zap. Odessk. politekhn. in-t", 1962, 37, 41 - 44)

TEXT:        The investigation of the effect of an ultrasonic field on the pro-
cess of hardening was carried out with У 8 (U8) and X 12 Ф (Kh12F) steels. For
comparison reasons, experiments were made by quenching these steels in water with
and without the ultrasonic field. The U8 steel was hardened from 800 - 820°C,
the intensity of the ultrasonic field was within 1 - 2 va/cm$^2$, and the frequency
of the ultrasonic oscillations - 23 kilocycles. The Kh12F steel was quenched from
1,130°C in oil or in water with and without the action of the ultrasonic field.
The subsequent triple tempering was carried out at 510 - 530°C for 1 hour and the
steel cooled in the open air. It was determined that the hardenability and the
hardness of the U8 steel increase (Rc increases from 37 - 42 to 54 - 60 in a

Card 1/2

EFFECTIVENESS OF MECHANIZED PEAT LOADING METHODS. Smokhov, A.A. (Torf. Prom. (Peat Ind.), Sept. 1951, 15, 16).

GUKHOV, A.A., kandidat tekhnicheskikh nauk.

Determining the optimum number of car deliveries to the freight
yard. Trudy MTEI no.3:127-145 '56.                    (MLRA 10:6)
                         (Railroads--Making up trains)

SMEKHOV, A.A., kandidat tekhnicheskikh nauk.

Organizing loading and unloading in freight yards. Zhel.der.transp. 37 no.4:87-90 Ap '56. (MLRA 9:7)
(Europe, Western--Loading and unloading)

SMEKHOV, A.A., kand.tekhn.nauk.

Planning warehouses with tracks leading into the interior. Trans.
stroi. 7 no.4:22-25 Ap '57.                               (MIRA 10:10)
                (Warehouses)    (Railroads--Sidings)

SMEKHOV, Anatoliy Alekseyevich, kand. tekhn. nauk; TSARENKO, A.P., red.;
BOBROVA, Ye.N., tekhn. red.

[Railroad freight yards and warehouses in foreign countries]
Gruzovye dvory i sklady zheleznodorozhnykh stantsii za rubezhom.
Moskva, Gos. transp. zhel-dor. izd-vo, 1958. 173 p.    (MIRA 11:7)
                    (Warehouses)   (Railroads--Yards)

SMEKHOV, A.A., dots.

Characteristics of the freight-handling process in the transportation
of peat. Trudy MIEI no.9:88-112 '58.                    (MIRA 11:5)
            (Railroads—Freight)  (Peat—Transportation)

SMEKHOV, A.A., kand. tekhn. nauk.

Automatic control of loading and unloading machinery. Zhel. dor. transp.
40 no.12:34-40  D '58.                                    (MIRA 12:3)
                      (Loading and unloading) (Automatic control)

28(1), 32(3)    SOV/118-59-9-6/20

AUTHOR    Smekhov A A., Candidate of Technical Sciences

TITLE    Automation of Loading and Unloading Operations at Railroad Stations

PERIODICAL: Mekhanizatsiya i avtomatizatsiya proizvodstva, 1959 Nr 9, pp 21-27 (USSR)

ABSTRACT.    According to 1959-1965 reconstruction plans, an extensive building of railroad warehouses and mechanized loading and unloading installations has been undertaken. First of all, attention is paid to the automation of cranes and transport equipment used at large freight yards. Three methods of automatic control (PAU) are considered: local - from the cabin, remote, and teletype control. The first two types of control are realized by means of relay-systems; the number of relays used is determined by the number of commands to be given from the control board, which, in turn, depends on the number of leads and the conditions of work. In designs of PAU TsNIIEVT, all leads of portal cranes, except those for lifting device, are intended for single-speed working

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SOV/118-59-9-6/20

Automation of Loading and Unloading Operations at Railroad Stations

condition. In the Table reproduced on page 22, devices of the PAU for overhead travelling and grab cranes are given. The teletype method permits control of several cranes by one operator. The most efficient systems of teletype control are the code-frequency and the contactless cyclic systems; both of them can exercise control over the radio. The code-frequency system of VNIIPTMASh applies a double code for the transfer of commands: each impulse in the code has 2 meanings. Thus with 4 frequency generators it is possible to form $2^4 = 16$ commands, and with 5 generators - $2^5 = 32$ commands (see Fig. 1). The principle of the contactless cyclic system is shown in Fig.2 . It is based on the synchronized work of transmitting and receiving commutators-distributors built on magnetics with a rectangular hysteresis loop. Devices of cyclic automatics are used for the control of conveyors, dosimeters, feeders, etc. Fig. 3 shows a layout of an automatic control of cranes and conveyors. In some cases, the systems of reflex and semi-reflex automatics are applied.

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SOV/118-59-9-6/20

Automation of Loading and Unloading Operations at Railroad Stations

The layout of a semi-reflex system, worked out by the
TsNIIEVT and Lengiprorechtrans, and used for control of
portal cranes, is shown in Fig. 4. In order to increase
the economic efficiency of automation, it is recommen=
ded using high quality compounds, such as germanium
diodes and triodes, magnetics nd contactless monitors.
There are 6 graphs, 2 tables and 4 diagrams.

Card 3/3

SHEKHOV, A.A., kand.tekhn.nauk

Outlook for the automation of operations at freight terminals.
Zhel.-dor.transp. 41 no.9:30-35 S '59.          (MIRA 13:2)
                  (Railroads--Freight) (Automation)

SMEKHOV, Anatoliy Alekseyevich, kand.tekhn.nauk.  Prinimal uchastiye
      YEGOROV, K.A., kand.tekhn.nauk.  YEFIMOV, G.P., red.;
MEDVEDEVA, M.A., tekhn.red.

[Principles of the automatization of loading and unloading
operations] Puti avtomatizatsii pogruzochno-razgruzochnykh
rabot. Moskva, Vses.izdatel'sko-poligr.ob"edinenie M-va putei
soobshcheniia, 1960. 113 p.                            (MIRA 13:9)
       (Loading and unloading)    (Automatic control)
              (Railroads--Freight)

SMEKHOV, A.A., kand.tekhn.nauk

"New types of automatic loaders, small containers, and pallets"
by G.P. Efimov, L.A. Kogan. Reviewed by A.A. Smekhov. Vest.
TSNII MPS 17[i.e.19] no.7:63 '60.          (MIRA 13:11)
1. Moskovskiy Institut inzhenerov zheleznodorozhnogo transporta
imeni I.V.Stalina.
          (Railroads--Equipment and supplies)
                    (Loading and unloading)
                              (Kogan, L.A.)
     (Efimov, G.P.)

SMEKHOV, A.A., kand.tekhn.nauk; TRIFONOVA, M.G., inzh.; KLEYMENOV, Ye.I., inzh.

Ways for the mechanization and automatization of operations in freight
agencies.  Vest. TSNII MPS 19 no.3:12-17 '60.          (MIRA 13:10)

1. Moskovskiy institut inzhenerov zheleznodorozhnogo transporta im.
I.V.Stalina i Vsesoyuznyy nauchno-issledovatel'skiy institut zhelez-
nodorozhnogo transporta.
     (Railroads--Management)         (Automatic control)

SMEKHOV, A.A., kand.tekhn.nauk

Some problems in the over-all automation of technolgical processes
in freight stations. Vest.TSNII MPS  20  no.3:18-23  '61.
(MIRA 14:5)

1. Moskovskiy institut inzhenerov zheleznodorozhnogo transporta
imeni I.V.Stalina.
(Railroads—Freight)     (Automatic control)

SMEKHOV, A.A., kand.tekhn.nauk

Automatization of loading and unloading of bulk cargo. Zhel.
dor.transp. 43 no.3:40-45 Mr '61. (MIRA 14:3)
(Loading and unloading) (Automatic control)

SMEKHOV, A.A., kand.tekhn.nauk

Selecting the optimum reloading processes.  Vest.TSNII MPS
21 no.6:58-61  '62.
(MIRA 15:9)

1.  Moskovskiy institut inzhenerov zheleznodorozhnogo
transporta.
                    (Linear programming)
          (Loading and unloading—Equipment and supplies)

SMEKHOV, A.A.; MEKLER, A.P., kand. tekhn. nauk, retsenzent; SAVKIN,
A.M., kand. ekon. nauk, retsenzent; ANDREYEV, K.I., inzh.,
red.; BARYKOVA, G.I., red. izd-va; UVAROVA, A.F., tekhn. red.

[Automation in warehouses]Avtomatizatsiia na skladakh. Moskva,
Mashgiz, 1962.  267 p.                           (MIRA 15:12)
  (Warehouses--Equipment and supplies)  (Automation)

SMEKHOV, A.A., kand.tekhn.nauk

Basic principles for the automation of storage accounting. Mekh.i avtom.preizv. 16 no.5:39-41 '62.

(MIRA 16:5)

(Storage and moving trade)     (Machine accounting)

SMEKHOV, A.A., dotsent

Theoretical problems in the planning and design of freight
yards and container service points. Trudy MIIT no.146:38-92
'62.                                                (MIRA 15:12)
    (Railroads—Freight)        (Railroads—Yards)

SMEKHOV, A.A., kand.tekhn.nauk

Problems of the automation of operations in freight stations.
Zhel.dor.transp. 44 no.7:52-55 Jl '62.          (MIRA 15:8)
        (Railroads--Freight)    (Automatic control)

SMEKHOV, A.A., kand. tekhn. nauk

Means for automatic accounting and registration of freight
transportation. Mekh. i avtom. proizv. 18 no.6:48-53 Je '64.
(MIRA 17:9)

SMEKHOV, Anatoliy Alekseyevich; BOBYLEVA, L.V., red.

[Automation of accounting and the documentation of freight
transportation] Avtomatizatsiia ucheta i oformleniia gru-
zovykh perevozok. Moskva, Ekonomika, 1965. 203 p.
(MIRA 18:8)

SMEKHOV, A.A., kand.tekhn.nauk; SHTEFKO, I.V., kand.tekhn.nauk; SMORODINOV. M.A., kand.tekhn.nauk; ARKHANGEL'SKAYA, L.F., inzh.

Construction and operation technology of the base unloading stations for mineral fertilizers. Zhel.dor.transp. 47 no.10:32-34 O '65.
(MIRA 18:10)

SMIRNOV, B

Sotsialisticheskaya industriya SSSR na novom moshchom pod'yeme (Socialistic Industry of the USSR in a new vigorous advance.) Moskva, Gos. izd-vo Politicheskoy lit., 1951
81 p.

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DVTKOV, T.

"Planning The Principle Works. p. 16" (ARKHITEKTURA I STROITELSTVO) Vol. 2, No.3
1952, Sofiya, Bulgaria.

SO: Monthly List Of East European Accessions L.C. Vol. 2, No. 11, Nov. 1953, Uncl.

SMEKHOV, Boris Moiseyevich; KOMINA,L., redaktor; MUKHIN,Yu., tekhnicheskiy
redaktor

[Planning capital investment]  Planirovanie kapital'nykh rabot.
Moskva, Gos.izd-vo polit.lit-ry, 1955. 142 p.          (MLRA 9:2)
                 (Russia--Economic policy)

ABRAMOV, V.A.; ALEKSEYEV, A.M.; AL'TER, L.B.; ARAKELYAN, A.A.; BAKLANOV, G.I.;
BASOVA, I.A.; BLYUMIN, I.G.; BOGOMOLOV, O.T.; BOR, M.Z.; BREGEL',
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A.I.; PARTIGUL, S.P.; PERVUSHIN, S.P.; PETROV, A.I.; PETRUSHOV, A.M.;
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EYDEL'MAN, B.I.; KKHIN, P.E.; MITROFANOVA, S., red.; TROYANOVSKAYA, N.,
tekhn.red.

[Concise dictionary of economics] Kratkii ekonomicheskii slovar'.
Moskva, Gos.izd-vo polit.lit-ry, 1958. 391 p.          (MIRA 11:7)
        (Economics--Dictionaries)

SMEKHOV, B.

Capital investments and the rate of growth of the production of the
means of production. Vop. ekon. no.2:3-16 F '60.

(MIRA 13:1)

(Capital investments)  (Income)

SMEKHOV, Boris Moiseyevich; LISOV, V.Ye., red.; PONOMAREVA, A.A.,
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