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LIST AND ONE LETTERS										PROCESSES AND PROPERTIES INDEX										LIST AND ONE LETTERS																															
The properties of drying oils used in printing. n. 1. Berezin and T. N. Malova. <i>Poligraf. Proizvodstvo</i> 1939, No. 10, 37-8; <i>Khim. Referat. Zhur.</i> 1940, No. 6, 119. A comparative evaluation is given of drying oils used in printing (linseed, petroleum and rosin). W. R. Henn																																																			
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ASME SLA METALLURGICAL LITERATURE CLASSIFICATION

26

The drying of finely ground printing inks. I. N. Malova. *Poligraf. Proizvodstvo* 1939, No. 7, 41-3; *Chem. Zentr.* 1940, 1, 2405-6.—Drying on glass at 100° and on paper at 18-20° was investigated. The ink was applied to the glass plate (9 × 12 cm.) with a roller in a film 4-6 μ thick. The progress of the drying was followed by the use of a steel ball until at an angle of 15° the ball no longer deformed the film. The binding agent consisted of luscad-oil varnish, mineral oil and siccativ. In most cases the drying time was not more than 5-6 hrs. The dye was applied in a film 4-5 μ thick to paper which had been dried to a moisture content of 40-50%. The drying process here was followed by printing off the color from strips cut from the paper. One-hr. drying on glass corresponded to about 24 hrs. on paper. Pb-Mn-Co siccativ accelerated the drying by as much as 10%, and even more with pigments which retard drying. M. G. Moore

ASME 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

A B C D E F G H I J K L M N O P Q R S T U V W X Y Z AA BB CC DD EE

MALOVA, S.N.

SEVERIN, V.A.; MALOVA, S.N.; GRACHEVA, I.V.

Processes of the conversion of mannosidostreptomycin into streptomycin A. Report no.1 [with summary in English]. Mikrobiologiya 26 no.5:580-585 S-0 '57. (MIRA 10:12)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut antibiotikov, Moskva.

(STREPTOMYCIN, related compounds,
mannosidostreptomycin conversion to streptomycin A (Rus))

KLIMOVITSKIY, E.D., inzh.; VIGDERGAUZ, M.I., inzh.; MALOVA, R.M., inzh.

Heat control instrument panels made of glass-reinforced plastic.
Sudostroenie 29 no.3:52 Mr '63. (MIRA 16:4)
(Ships--Equipment and supplies)
(Glass reinforced plastics)

LYBERG, A.H., Inzh.; ISKOVA, N.H., Inzh.

Flotation of deoxidized magnesite. Trudy Inst. Geop. W. Sibirsk. Akad. Nauk SSSR
'63. (Sov. 1963)

YAKOVLEVA, T.I., kand.teologo-mineralogicheskikh nauk; MALOVA, N.N., inzh.

Determination of coefficients of crushability. Trudy Inst.
ogneup. no.29:173-184 '60. (MIRA 14:12)
(Refractory materials)

LYMAR', A.N., inzh.; Prinsipali uchastiye: YAKOVLEVA, T.I., kand.tekhn.nauk;
MALOVA, N.N., inzh.

Studies of the concentration of Satka magnesites. Trudy Inst.
ogneup. no.29:153-172 '60. (MIRA 14:12)
(Satka--Magnesite)

MALISHEVSKIY, Nikolay Georgiyevich; KOND RAT'YEV, Nikolay Ivanovich;
ALESHKO, Pavel Ivanovich; MALOVA, Nadazhda Mikhaylovna; TRUF'YA-
KOVA, A.N., red.; TROFIMENKO, A.S., tekhn.red.

[Water-supply and sewerage pumps and pumping stations] Vodo-
provodnye i kanalizatsionnye nasosy i nasosnye stantsii. Pod
red. N.G.Malishevskogo. Khar'kov, Izd-vo Khar'kovskogo gos.
univ. im. A.M.Gor'kogo, 1960. 394 p. (MIRA 14:5)
(Pumping stations)

MALOVA, N. M.

137-58-5-8780

Translation from: Referativnyy zhurnal, Metallurgiya, 1958, Nr 5, p 7 (USSR)

AUTHOR: Malova, N. M.

TITLE: Briquetting of Copper Sulfide Ore at the Mednogorsk Kombinat
(Briketirovaniye mednoy sul'fidnoy rudy na Mednogorskom kombinat)

PERIODICAL: Byul. tsvetn. metallurgii, 1957, Nr 16, pp 24-25

ABSTRACT: A description of the technology of briquetting of ore fines as practiced by two plants of the Kombinat.

A. Sh.

1. Copper ores--Processing

Card 1/1

MALISHEVSKIY, N.G., redaktor; KOLOBKOV, P.S.; KONDRAT'YEV, N.I.;
MALOVA, N.M.

[Design and operation of water supply and sewer pumping stations]
Proektirovanie i ekspluatatsiia vodoprovodnykh i kanalizatsionnykh
nasosnykh stantsii. Pod red. N.G.Malishevskogo. Moskva, Gos. izd.
lit. po stroitel'stvu i arkhitekture, 1953. 411 p. (MLRA 7:11D)

S/127/60/000/011/002/003
E194/E484

New Exhibits in the Ferrous and Non-Ferrous Metallurgical Divisions of the Exhibition of Achievements of the National Economy

increased the output of finished product by 6 to 8% and reduced the loss of metal.

A ball measuring machine for automatically loading balls into a mill:

This machine avoids the need for heavy manual labour in loading balls into the milling sections and permits automatic and strict control of the time of delivery of the balls to a mill, thus increasing the output and improving the quality. The machine is in successful practical operation. The machine loads one ball at a time ranging in size from 80 to 150 mm and the bunker size is 2.2 tons. There are 2 tables. ✓

ASSOCIATION: VDNKh (Exhibition of Achievements of the National Economy)

Card 3/3

S/127/60/000/011/002/003
E194/E484

New Exhibits in the Ferrous and Non-Ferrous Metallurgical Divisions
of the Exhibition of Achievements of the National Economy

based on high-speed flotations with effective aeration in mixing. The impeller speed is 10 to 13 m/sec and the ratio between the impeller diameter and the width of the chamber is 1:1.9 to 1:1.7. The throughput of the machine is from 1.5 to 3 m³ of slurry per minute, it is particularly effective for flotation of ores of high specific gravity and large particle size. It gave improved separation of lead ores.

Hydro-cyclones lined with cast-stone and rubber: Unlike hydro-cyclones of white cast iron this may be used for neutral, alkaline and acid media. The wear is greatly reduced. The special cones are produced in sizes to fit existing standard hydro-cyclones.

System for the automatic control of the process of pulverization in mills: This equipment assesses the loading of the mill from the noise and the circulating load of sand in the classifier from the motor current, and the density of discharge to the classifier by means of a piezometric device. The system permits automatic delivery of ore and water to the mill and delivery of water to the classifier. Installation of the equipment in a particular case

Card 2/3

S/127/60/000/011/002/003
E194/E484

AUTHORS: Gurov, Yu.G. and Malova, N.A.

TITLE: New Exhibits in the Ferrous and Non-Ferrous
Metallurgical Divisions of the Exhibition of
Achievements of the National Economy

PERIODICAL: Gornyy zhurnal, 1960, No.11, pp.70-71

TEXT: The following new exhibits have been included in the
section dealing with the enrichment of ores of the Exhibition
of Achievements of the National Economy.

Drum type magnetic separator 167A-C³ (167A-SE) intended for
wet magnetic separation of highly magnetic ores and materials of
6 mm particle size. Depending on the coarseness, this machine
can treat from 19 to 45 tons per hour, the maximum magnetic field
intensity is 1100 oersteds. The drum is 2070 mm long,
1340 mm wide and rotates at a speed of 39 rpm. This separator will
be installed at the largest ore enrichment plants constructed
in the current seven year plan. ✓

Magnetic fraction recorder 7-PM³ (7-RMF) intended for continuous
measurement and recording of the content of magnetic minerals in a
slurry.

High speed flotation machine Sikhali, of the impeller type: The
main difference between this and previous designs is that it is
Card 1/3

KOCHNOVA, I.Ye., prof.; MIKHAYLOVA, G.N.; TEREKHOVA, V.R.; ROZMAINSKAYA,
Z.N.; MALOVA, M.V.; KISLYAKOVA, N.V.

Tuberculosis vaccination in adult subjects with a positive tuberculin
reaction. Sov.med. 23 no.12:58-63 D '59. (MIRA 13:4)

1. Iz kafedry tuberkuleza (zaveduyushchiy - prof. I.Ye. Kochnova) II
Moskovskogo meditsinskogo instituta imeni N.I. Pirogova.
(BCG VACCINATION)

AL'PERN, P.M.; LOGINOVA, F.I.; MALOVA, M.V. (Moskva)

Using neodicoumarin for the prevention of thromboembolic complications in hypertension. Klin. med. 34 no.1:64-68 Ja '56. (MLRA 9:5)

1. Iz Tsentral'nogo ordena Lenina instituta gematologii i perelivaniya krovi (dir.-chlen-korrespondent AMN SSSR prof. A.A. Bagdasarov) i gospi'tal'noy terapevticheskoy kliniki pediatricheskogo fakul'teta II Moskovskogo meditsinskogo instituta imeni I.V. Stalina. (THROMBOEMBOLISM, etiol. and pathogen. hypertension, prev. with neodicoumarin ethyl biscoumacetate)

(COUMARIN ethyl biscoumacetate in prev. of thromboembolism after caused by hypertension)
(HYPERTENSION, compl. thromboembolism, prev. with ethyl biscoumacetate)

KAZ'IMIN, A.I., doktor med.nauk; MALOVA, M.N., kand.med.nauk;
KAPUSTINA, G.M., kand.med.nauk

Hemodynamic changes in kyphoscoliosis. Ortop., travm. i protez.
26 no.12:64 D '65.

(MIRA 19:1)
1. Iz Tsentral'nogo instituta travmatologii i ortopedii (direktor --
chlen-korrespondent AMN SSSR, prof.M.V.Volkov). Adres avtorov:
Moskva, A-259, ul.Priorova, d.10, Tsentral'nyy institut travma-
tologii i ortopedii. Submitted June 16, 1965.

MALOVA, Mariya Nikolayevna; PROKHOROV, Stepan Ivanovich; GUREVICH,
Sh.M.; red.; LOBANOV, Ye.M., red.

[Business accounting in parts for river transportation]
Vnutriportovyi khoziaistvennyi raschet na rechnom trans-
porte. Moskva, Transport, 1965. 61 p. (MIRA 18:7)

MALOVA, M.N., kand.med.nauk

Effect of oxygen therapy on external respiration and arterial blood oxygen saturation in chronic pulmonary cardiac insufficiency. Sov. med. 25 no.1:39-43 Ja '62. (MIRA 15:4)

1. Iz gospital'no, terapevticheskoy kliniki (dir. - chlen-korrespondent AMN SSSR prof. P.Ye.Lukomskiy) II Moskovskogo meditsinskogo instituta imeni N.I.Pirogova.

(OXYGEN THERAPY) (COR PULMONALE)
(BLOOD--OXYGEN CONTENT)

MALOVA, M.N.

Changes in the ballistocardiogram of patients suffering from
chronic pulmonary and cardiopulmonary insufficiency. Vop. kard.
2-go MGMI no.2:197-209 '62. (MIRA 16:1)
(BALLISTOCARDIOGRAPHY) (HEART--DISEASES) (LUNGS--DISEASES)

AKIMOV, Yu.I.; MALOVA, M.N.; ORLOV, L.L.

Electrokymogram of patients suffering from chronic pulmonary
and cardiopulmonary insufficiency. Vop.kard. 2-go MGMI no.2:
129-138 '62. (MIRA 16:1)
(ELECTROKYMOGRAPHY) (HEART--DISEASES) (LUNGS--DISEASES)

MALOVA, M.N., kand.med.nauk; SHALEVICH, M.A.

Lymphogranuloma with affection of the urinary bladder. Nauch.trudy
Chetv.Mosk.gor.klin.bol'. no.1:335-340 '61. (MIRA 16:2)

1. Iz gospital'noy terapevticheskoy kliniki (dir. - prof. P.Ye.
Lukomskiy) 2-go Moskovskogo meditsinskogo instituta imeni N.I.
Pirogova i patologoanatomicheskogo otdeleniya (zav. - prof. Ya.L.
Rapoport) Moskovskoy gorodskoy klinicheskoy bol'nitsy No.4 (glavnyy
vrach - G.F. Papko).
(HODGIN'S DISEASE) (BLADDER--DISEASES)

MALOVA, M.N., kand.meditsinskikh nauk

External respiration and saturation of arterial blood with oxygen during physical stress in patients with pulmonary and cardiopulmonary insufficiency. Sov. med. 24 no.6:110-116 Je '60. (MIRA 13:9)

1. Iz gospital'noy terapevticheskoy kliniki (dir. - prof. P.Ye. Lukomskiy) II Moskovskogo meditsinskogo instituta imeni N.I. Pirogova.

(RESPIRATION)
(HEART--FAILURE)

(BLOOD--OXYGEN CONTENT)
(LUNGS--DISEASES)

MALOVA, M.N.

Effect of salicylates on the thromboplastic property of the blood.
Sov.med. 22 no.7:98-101 J1 '58 (MIRA 11:10)

1. Iz gospital'noy terapevicheskoy kliniki (dir. - prof. P.Ye. Lukomskiy) II Moskovskogo meditsinskogo instituta imeni N.I. Pirogova.
(SALICYLIC, eff.
on blood coagulation (Rus))
(BLOOD COAGULATION, eff. of drugs on
salicylates (Rus))

MAILOVA M.N. (Leningrad)

Oxyhemometric observations in chronic pulmonary and cardiac insufficiencies. Klin.med.33 no.7:91 J1 '55. (MLRA 8:12)

1. Iz kafedry gosptal'noy terapii (zav.-deystvitel'nyy chlen AMN SSSR prof. M.V.Chernorutskiy) I Leningradskogo meditsinskogo instituta imeni akad. I.P.Pavlova.

(OXYGEN, in blood,
in heart & lung dis.)

(HEART DISEASE, blood in,
oxygen)

(LUNGS, diseases,
blood oxygen in)

(BLOOD,
oxygen in heart & lung dis.)

MALOVA, M.; ^{N.}GORBUNOV, V.

Expansion of the movement for communist labor among inland transportation workers of Siberia and the Far East. Rech. transp. 20
no.9:2-3 S '61. (MIRA 14:9)
(Inland water transportation--Employees)
(Socialist competition)

MALOVA, M.N., inzh.

Organizing individual business accounting for harbors. Rech. transp.
17 no.5:4-6 My '58. (MIRA 11:5)
(Inland water transportation--Accounting) (Harbors)

1
NIKITIN, M.S.; DOLGITSER, L.Z.; MALOVA, M.M., inzh., retsenzent;
IVANOVA, K.N., inzh., red.; BABOCHKIN, A.T., tekhn.red.;
UVAROVA, A.F., tekhn.red.

[Brief handbook on gas welding and cutting] Kratkii spravochnik
gazosvarshchika i gazorezchika. Moskva, Gos.nauchno-tekhn.izd-vo
mashinostroit.lit-ry, 1960. 592 p. (MIRA 13:5)
(Gas welding and cutting)

PAPISCV, V.K., inzh.; MALOVA, I.D., inzh.; SINEL'NIKOV, V.A., inzh.

Modification of the washing method in chromium plating
processes. Vod.i san.tekh. no.12:33 D '65.

(MIRA 19:1)

LIKHACHEV, Yu.A.; VLADIMIRSKIY, V.S.; MALOVA, E.V.; SHUL'TS (mladshiy), S.S.;
MAKAROVA, Z.A.; SINCHUGOVA, T.A.; CHUYENKO, P.P., red.; FEDOTOVA, M.I.,
vedushchiy red.; DEM'YANENKO, V.I., tekhn.red.

[Paleozoic tectonics of the Kyzyl Kum basement] Tektonika
paleozoiskogo fundamenta Kyzylkumov. Leningrad, Gostoptekhizdat,
1963. 117 p. (Leningrad, Vsesoyuznyi geologicheskii institut.
Trudy, vol. 105. Problema neftegazonosnosti Srednei Azii, no.15).
(MIRA 17:3)

LIKHACHEV, Yu.A.; VLADIMIRSKIY, V.S.; MALOVA, E.V.; SHUL'TS, S.S.

Basic characteristics of the stratigraphy of the Paleozoic in the
central Kyzyl Kum. Trudy VSEGEI 46:22-35 '61. (MIRA 14:11)
(Kyzyl Kum--Geology, Stratigraphic)

1 40962-00

ACCESSION NR: AP50M331

ASSOCIATION: Sibirskiy fiziko-tekhnicheskii institut (Siberian Physicotechnical Institute)

SUBMITTED: 16 March

ENCL: 00

SUB CODE: NM, NP

NO REF SOV: 011

OTHER: 010

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11

40952-32 EWT(a)/ENA(d)/I/ERP(t)/ERP(z)/ERP(b)/ENA(c) Pad LJR(z) JD/JR/IR/LR
SESSION NR: AP3095321 6/0126/65/019/002/0257/026:

AUTHOR: Kozlov, E. D.; Kozotayev, A. D.; Koneva, N. A.; Malov, Yu. V. 4/2
4/1
B

TITLE: Investigation of the activation energy of the atomic ordering process in alloyed permalloy

SOURCE: Planka metalloy i metallovedeniye, v. 19, no. 2, 1965, 257-262

TOPIC TAGS: activation energy, atom reorganization, permalloy, internal friction 4

ABSTRACT: By studying the electrical resistance change kinetics during annealing of hardened alloys deformed after hardening, the energy was measured for activation of the short-range order formation process in these alloys from room temperature to 400°C. It was observed that the activation energies of these processes below 150°C are 20 and 18 kcal/mol respectively for Ni-Fe-Mn and Ni-Fe-Cr alloys. At 200-400°C the activation energy values are higher (37 and 35 kcal/mol respectively). Three internal friction peaks, two of which lie below 100°C, are observed on the temperature curves for the internal friction of an Ni-Fe-Cr alloy deformed after hardening. The curves for the sizes and electrical resistance of the specimens during tempering after hardening and deformation are qualitatively similar. Orig. art. has: 4 figures.
Card 1/2

Institute at the Tomsk State University)

SUBMITTED: 19Ma 63

ENCL: 00

SUB CODE: MK, EA

NR REF SOV: 008

OTHER: 019

Cop: 3/3

408-32 EWT(1)/EW(1)/T/RP(1)/RP(2)/RP(3)/EW(1) Pad LJR(g) JD/JW/10/76
6/0128/65/019/002/0257/028/

L 6713-65

ACCESSION NR: AP4043873

temperatures. They then proceed to describe the results of investigations of the alloys $\text{Ni}_3\text{Fe} + 2 \text{ at.}\% \text{ Mo}$, $\text{Ni}_3\text{Fe} + 2 \text{ at.}\% \text{ Cr}$, and alloys of the Ni-Cr type containing 10, 18, and 26% Cr. In some alloys the decrease in the residual resistivity following tempering is offset by an increase in the atomic scattering component. The increase of electric resistivity by tempering after quenching is due completely to an increase in the scattering of the conduction electrons by the structural inhomogeneities of the lattice, resulting from the redistribution of the impurity atoms. In some alloys the change in the Brillouin-zone structure following the ordering of the atoms is quite small. Tests of the variation of the Hall constant cannot be reconciled in all cases with the interpretation of the changes in the resistivity, and the reasons for this discrepancy are still unclear. Orig. art. has: 2 figures and 4 formulas.

ASSOCIATION: Sibirskiy fiziko-tekhnicheskii institut pri Tomskom gosuniversiteta imeni V. V. Kuyby'sheva (Siberian Physicotechnical

Card 2/3

D 6713-65 EWT(m)/EWP(q)/EWP(b) AS(mp)-2/ASD(m)-3/AND(a)-5

ACCESSION NR: AP4043873

8/0139/64/000/004/0128/0132

AUTHORS: Karotayev, A. D.; Malov, Yu. V.

52
51

TITLE: Concerning the nature of the increase in the electric resistivity upon ordering of atoms in nichroms and alloyed permalloys

SOURCE: IYUZ. Fizika, no. 4, 1964, 128-132

TOPIC TAGS: electric resistivity, ordered alloy, nichrome alloy, permalloy, tempering, quenching

ABSTRACT: After reviewing the factors that can cause the resistivity of an alloy to be decreased or increased by establishment of long-range and short-range order, the authors first show that measurements at room temperature may not reflect changes occurring in the residual electric resistivity during ordering, and alloys which exhibit "anomalous" increase in resistivity upon ordering resulting from tempering after quenching should also be investigated at lower

Card 1/3

ACCESSION NR: AT4013937

ENCLOSURE: 02

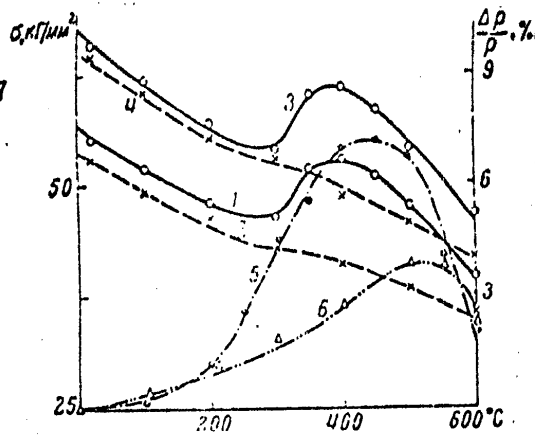


Fig. 2. Temperature dependence of creep stress and the relative change in electrical resistance of NiFeMo alloy (annealed in hydrogen).

1 - after tempering, $\epsilon = 6\%$; 2 - ditto, with preliminary deformation; 3 - after tempering, $\epsilon = 10\%$; 4 - after tempering, $\epsilon = 12\%$, with preliminary deformation; 5 - ditto, without preliminary deformation; 6 - $\Delta\rho/\rho$ (after tempering with preliminary deformation).

ACCESSION NR: AT4013937

ENCLOSURE: 01

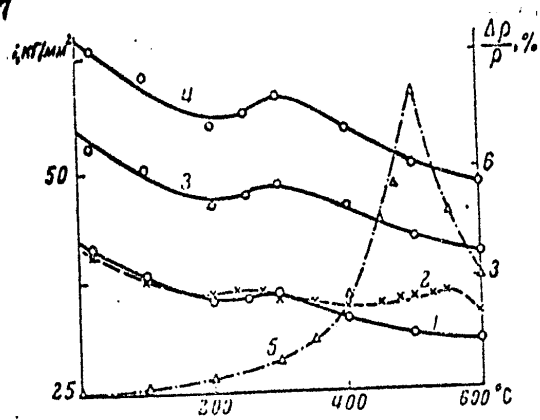


Fig. 1. Temperature dependence of creep stress and the relative change in electrical resistance of NiFeMo alloy (not annealed in hydrogen). Deformation rate = 42%/hour.

1 - $\epsilon = 6\%$; 2 - ditto, with deformation rate of 6%/hour; 3 - $\epsilon = 12\%$; 4 - $\epsilon = 18\%$;
5 - $\Delta\rho/\rho$.

Card 3/4

ACCESSION NR: AT4013937

further. The tempered samples showed the presence of the K-state. This is probably due to formation of a close order and seems to contradict the assumption of a relationship between the K-state and segregations. Orig. art. has: 4 figures.

ASSOCIATION: Institut metallurgii AN SSSR (Metallurgical Institute AN SSSR)

SUBMITTED: 00

DATE ACQ: 13Mar64

ENCL: 02

SUB CODE: ML

NO REF SOV: 017

OTHER: 015

Card 2/4

ACCESSION NR: AT4013937

S/2659/63/010/000/0123/0130

AUTHOR: Korotayev, A. D.; Malov, Yu. V.; Aleksandrov, N. A.

TITLE: Investigation of the anomalous temperature dependence of creep stress in nickel-base alloys

SOURCE: AN SSSR. Institut metallurgii. Issledovaniya po zharoprochny*m splavam, v. 10, 1963, 123-130

TOPIC TAGS: nickel alloy, nickel iron molybdenum alloy, creep stress temperature dependence, creep stress, iron containing alloy, molybdenum containing alloy

ABSTRACT: The aim of this paper was to investigate the influence of high temperature annealing in hydrogen on the temperature functions and the type of alloy deformation. The influence of preliminary deformation in these properties was also investigated. An experimental estimation of the effect of introducing Cottrell and Suzuki "atmospheres" for strengthening NiFeMo alloys was attempted. The relationships between electrical resistance, mechanical properties and deformation of alloys at various temperatures were studied. As shown by Figs. 1 and 2 in the Enclosure, annealing in hydrogen did not lead to any abnormal features at low temperatures. After considering all available information, the authors conclude that the Cottrell and Suzuki "atmospheres" should be investigated

Card 1/4

L 12473-63

S/185/63/008/003/009/009

Study of kinetics of formation...

in the formation of K-state in the course of tempering $\text{Ni}_3\text{Fe} + 2\% \text{Mo}$ alloy. The activation energies for these two stages are $E_1 = 22 \pm 2$ kcal/mole and $E_2 = 42 \pm 2$ kcal/mole for low and high stage respectively. The article contains 3 figures and a 21 item bibliography.

ASSOCIATION: Sibirskiy fiziko-tekhnicheskii institut (Siberian Institute of Technical Physics, Tomsk.)

Card 2/2

L 12473-63EWP(q)/EWT(m)/BDS AFFTC/ASD JD/HW-2
S/185/63/008/003/009/009

57

56

AUTHOR: Korotayev, A. D. and Malov, Yu. V.TITLE: Study of kinetics of formation of short-order in tempered and deformed nickel base alloysPERIODICAL: Ukrains'kyy Fizychnyy Zhurnal, v. 8, no. 3, 1963, 381-386.

TEXT: This work gives the results of investigation of the effect of plastic deformation on the kinetics of low temperature transformation in tempered specimens of Ni_3Fe composition with addition of 2 atomic % of Mo. In the course of low temperature annealing, after tempering or plastic deformation, an increase in electrical conductivity of the investigated alloy was observed. It is associated with formation of short-order. It was possible to observe the rate of formation of the latter by observing the rate of change of electrical resistance in the course of annealing at different temperatures. Measurements were conducted with double Thomson bridge at -195°C . The accuracy of measurements was not less than $\pm 0.05\%$. It is shown that above 250°C , plastic deformation retards short order (K-state) formation in quenched samples. This effect is explained by the decrease in efficiency of the excess vacancies in the course of redistribution of atoms in alloys. Two stages were discovered

Card 1/2

MALOV, Yu.S., kapitan meditsinskoy sluzhby

False perceptions of pilots during helicopter flights. Voen.-med. zhur.
no. 9:58-62. '64. (MIRA 18:5)

KALOV, Yu.S.; PANKRATOV, M.A., prof., nauchnyy rukovoditel' raboty

Irradiation of stimulation in the cerebral cortex. Vch. zap. Fed.
Inst. Gerus. 239:109-116 '64.

(MIRA 18:9)

SIL'VESTROV, V.P.; MALOV, Yu.S.

Levomyctin concentration in the blood in treatment of some
diseases of the internal organs. Lab.delo 7 no.11:24-27 N '61.
(MIRA 14:10)

1. Kafedra gospital'noy terapii No.1 Voenno-meditsinskoy ordena
Lenina akademii im. S.M. Kirova.
(LEVOMYCETIN...THERAPEUTIC USE)

SIL'VESTROV, V.P.; MALOV, Yu.S.

Use of levomycetin in the treatment of protracted pneumonia. Kaz.
med. zhur. no.4:31-35 J1-Ag '61. (MIRA 15:2)

1. Kafedra gospital'noy terapii No.1 (nachal'nik - prof. N.S.Molchanov)
Voyenno-meditsinskoy ordena Lenina Akademii imeni S.M.Kirova.
(CHLOROMYCETIN) (PNEUMONIA)

SIL'VESTROV, V.P.; YAROSLAVTSEV, A.L.; MALOV, Yu.S. (Leningrad)

Chemotherapeutic activity of levomycetin in the treatment of
certain diseases of the internal organs. Klin.med. 38 no.12:
111-115 D '60. (MIRA 14:2)

1. Iz kafedry gospital'noy terapii No.1 (nach. - deystvitel'nyy
chlen AMN SSSR prof. N.S. Molchanov) Voenno-meditsinskoy ordena
Lenina akademii imeni S.M. Kirova.
(CHLOROMYCETIN)

L 4398-66

ACCESSION NR: AF5025867

for the sodium, potassium, and cesium amalgams showed a marked increase in photoemission current, and a shift of the "red boundary" of the photoelectric effect toward longer wavelengths. This behavior or the temperature dependence may be explained by an increasing absorption of the alkali metal with decreasing temperature. Orig. art. has: 4 figures. [14]

ASSOCIATION: Institut obshechey i neorganicheskoy khimii im. N. S. Kurnakova Akademii nauk SSSR (Institute of General and Inorganic Chemistry, Academy of Sciences, SSSR)

SUBMITTED: 26Feb65

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Card 2/2

L 4398-66 EWT(m)/EWP(t)/EWP(b) IJP(c) JD/JG

ACCESSION NR: AP5025867

UR/0020/65/164/004/0846/0848

AUTHOR: Lazarev, V. B.; Malov, Yu. I.

TITLE: Photoelectric phenomena in dilute alkali metal amalgams²⁷₁₄

SOURCE: AN SSSR. Doklady, v. 164, no. 4, 1965, 846-848

TOPIC TAGS: photoelectric effect, sodium amalgam, potassium, cesium, work function, adsorption

ABSTRACT: Photoemission currents from the surface of mercury-sodium solutions containing from 0 to 0.7 at% sodium and mercury-cesium solutions containing from 0 to 0.001 at% cesium were measured between +25 and -80°. A plot of the photoemission currents versus the alkali metal concentration for the same wavelength of incident light (3136 Å) showed the external photoelectric effect from the surface of cesium amalgams to be much greater than that from potassium amalgams and still greater than that from sodium amalgams. After determining the electron work functions ϕ , the authors compared them with reported data on the surface tension σ of these amalgams; the curves representing the concentration dependence of σ and ϕ were found to be similar. A study of the temperature dependence of photocurrents

Card 1/2

LAZAREV, V.B.; MALOV, Yu.I.

Experimental study of the extrinsic photoeffect from the surface
of diluted potassium amalgams in the liquid and solid states.
Dokl. AN SSSR 161 no.4:875-877 Ap '65. (MIRA 18:5)

I. Institut obshchey i neorganicheskoy khimii im. N.S.Kurnakova
AN SSSR. Submitted October 5, 1964.

MUSHENKO, D.V.; VISHNEVSKIY, N.Ye.; DERGACHEVA, R.D.; MALOV, Yu.I.

Preparation of concentrated isobutylene. Zhur. prikl. khim.
36 no.10:2251-2256 O '63. (MIRA 17:1)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut nefte-
khimicheskikh protsessov.

KOROTAYEV, A.D.; MALOV, Yu.B.

Nature of the increase in electric resistance due to ordering of atoms in nichrome and permalloy with addition elements.
Izv. vys. ucheb. zav.; Fiz. no. 4:129-132 '67. (MIRA 17:8)

1. Sibirskiy fiziko-tekhnicheskyy institut pod Tomskom gosudarstvennom universitete. Izv. nauch. zap. Sibirsk. nauch. tsentra.

MALOV, Ye.M., kand. tekhn. nauk, Ispolnyayushchiy obyazannosti dotsenta

Methods for the control of the reliability of looms. Tekst. prom.
24 no.3:27-32 Iz 1962. (NIRA 1719)

1. Moskovskiy tekhnicheskii institut (MTI).

MALOV, Ye.M., kand.tekhn.nauk

Operating efficiency of textile machinery. Mekh.i avtom.proizv.
16 no.9:44-49 S '62. (MIRA 15:9)
(Textile machinery)

MALOV, Ye.M.

Development of the cotton carding machine. Trudy Inst. ist. est.
i tekhn. 21:342-353 '59. (MIRA 13:3)
(Cotton machinery)

MALOV, Ye. M. Cand Tech Sci -- (diss) "Development of the technique of ~~the~~ carding of cotton." Mos, 1957. 16 pp 20 cm. (Acad Sci USSR. Inst of History of Natural Science and Technology ~~Engineering~~)
110 copies. (KL, 22-57, 105).

MALOV, V.V.; KOVAL'CHUK, A.A.

Prednisolone in compound treatment of siderosilicotuberculosis.
Probl. tub. 41 no.3:26-30'63. (MIRA 16:9)

1. Iz Krivorozhskogo instituta gigiyety truda i professional'-
nuch zabolevaniy (dir. - kand.med.nauk A.G.Shumakov)
(PREGNADIONEDIONE) (TUBERCULOSIS)
(CHEMOTHERAPY)

MALOV, V.S.

Improving the NPD-02 electronic potentiometer. Polibrosensentia
no.6120 Je '65. (MIRA 18:7)

GINZBURG, Semyel Aleksandrovich; LEKHTMAN, Izrail' Yakovlevich;
MALOV, Vladimir Sergeyeovich; SMIRNOV, A.D., red.

[Principles of automatic and remote control] Osnovy av-
tomatiki i telemekhaniki. Izd.3., perer. Moskva, Ener-
giia, 1965. 511 p. (MIRA 18:6)

KRASIVSKIY, S.P.; MALOV, V.S., doktor tekhn. nauk, redaktser:
RZHAVINSKIY, V.V., inzh., red.

[Devices and technical means for automatic control] Pri-
bory i tekhnicheskie sredstva avtomatizatsii. Moskva,
Mashinostroenie, 1965. 330 p. (MIRA 18:5)

44563-65
ACCESSION NR AM5012951

BOOK EXPLOITATION

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Bibliography - 504
Subject Index - 506

SUBMITTED: 21 Jan 65

SUB CODE: EG, DG

NO REF SERV 034

OTHER: 000

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Date 1/3

144368-65

ACCESSION NR AM5012851

BOOK EXPLOITATION

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0442/3

CLASS: SEC-4/FCI-2/EO-2/ERC(X)-2/EWA(c)/EWI(A)/EIS(c)-2/TSS-2
EPC-1/PV-1/PI-1/Pa-1/Pa-2/Pa-3/Pa-4/Pa-5/Pa-6
ACCESSION NO: AM701295
BOOK EXPLOITATION
UR/22
871

Ginsburg, Boris Alexandrovich; Lehtman, Israel Yakovlevich; Malov, Vladimir
Sovietish

Principles of automatic control and remote control (Osnovy avtomatiki i telemekhaniki) 3d ed., rev. Moscow, Izd-vo "Energiya", 65 0511 p. illus.,
bibliog., index. 3,000 copies printed

TOPIC TAGS: telemetry equipment, automation, electronic signal, electronic equip-
ment, telemetry transmitter, automatic control, remote control, servosystem

PURPOSE AND COVERAGE: The book contains fundamental data on automation and re-
mote control facilities. Electronic, semiconductor and other units such as trans-
mitters, relays, amplifiers, distributors, regulators, slave motors etc. are des-
cribed. Automatic control, servo, measuring and computing systems are discussed.
Telemetry and remote control systems are described. The book is intended for
broad sections of engineers and technicians working in the field of automatic
control and telemetry. It may likewise serve as a student textbook.

TABLE OF CONTENTS (abridged):
PART 1/3

МАЛОВ, Владимир Сергеевич; ЗИУКHOVITCKИЙ, B.Я., ред.

[Remote control] Телемеханика. Изд.2., доп. i перер.
Москва, Энергия, 1965. 94 p. (Библиотека по автoma-
тике, no.123) (MIRA 18:6)

11/26/60
ACCESSION NR: AP 010649

presently being prepared.

ASSOCIATION: none

SUBMITTED: 00

NO REF NOV: 000

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OTHER: 000

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End 4/4

L 13256-05
ACCRSSION NR: AP4348649

problem of the obsolescence of much of the material carried in various information bulletins and publications. In the speaker's opinion, the publishing activity of the Information Agencies should be strictly limited and subordinated to their primary mission - operational support through the supplying of scientific and technical information on a timely basis. The work of VINITI (All-Union Institute for Scientific and Technical Information) was singled out for special praise, although here also the speaker found that the time periods which normally elapse between publications of the Institute's technical information bulletins are too large. The lack of a well thought out system of classification and the absence of even elementary means for the mechanization and automation of information retrieval processes were noted. The speaker devoted some time to a definition of what he feels should be the role and place of the scientific and technical library in the solution of the problem under discussion. The overall set-up in the acquisition and utilization of foreign technical literature was found to be highly unsatisfactory, with many contradictory aspects and bottlenecks preventing a more rational use of this fund of information. Subject also to some degree of criticism was the financial side of the operations of a number of information-dissemination agencies. The speaker indicated, after listing these and still other deficiencies of the present system, that further recommendations are

Card 3/4

L 13256-55
 ACCESSION NR: AP4043649

present time an integral part of the overall scientific program of the country. He described how the Committee for Party-State Control (KPK) has checked into the way the decree of May 11, 1962 of the Council of Ministers ("On Measures to Improve the Organization of Scientific and Technical Information in the Nation") was being carried out. This involved a very broad-based study, for the most part by specialists in the field of scientific information dissemination, of a great many institutes, organizations, libraries and other facilities on all levels. The speaker claimed that, while much beneficial work has been done, many deficiencies continue to exist in terms of the quality, thoroughness and operational value of the information supplied by the various agencies and in the degree to which it is used by the consumer. Shortcomings in the publishing activities of the information-supplying agencies were also noted. For example, many serial publications continue to be published, despite the fact that they were supposed to be discontinued. Reduplication of effort in a number of such journals was pointed out, along with instances of deliberate "padding" of other publications. Attention was called to the exorbitant cost to the Government of many of the information dissemination activities. Also touched upon was the

Card 2/4

I 13256-07 EMB(a)/EWT(a)/BYI/EEB-2/ENP(1) Pp-4/Pp-4/Pp-4/Pp-4 TSP(c)/AFETB/
 ASD(a)/L5/ADMO(b)/AFD(b)/ESD(c)/ESD(dp)/RABM(T)/ESD(s) RT/TK/BB/BJW/JD/GS/JT/
 ADMSTRIC/ST/AFW/1049 DTI(SF) 8/0315/64/000/006/0003/0005

AUTHOR: Malov, V. B.

TITLE: Results of an investigation of the fulfillment of the decree of the Council of Ministers of the USSR "On Measures to Improve the Organization of Scientific-Technical Information in the Nation"

SOURCE: Nauchno-tekhnicheskaya informatsiya, no. 6, 1964, 3-5

TOPIC TAGS: information retrieval, government organization, scientific information

ABSTRACT: On April 10, 1964 in Moscow, there was a Conference of workers of the State Committees of the Councils of Ministers of the Union Republics for the coordination of scientific research activities, as well as of ministries and departments of the USSR and of information organs at the Union and Republic level. The conference was organized by the State Committee for the Coordination of the Scientific Research Work of the USSR. Among the reports heard at this conference was that of Deputy Director V. B. Malov, whose remarks are summarized below. The speaker briefly reviewed the need for the organized dissemination of domestic and foreign scientific activities, pointing out that this function is at the

Card 1/4

MALOV, V.S., inzh. (Tashkent)

Using industrial water for cooling air. Vod. i sar. tekst. no.1:
29-31 Ja '64 (MIRA 18:2)

MALOV, V. S.; PSHENICHNIKOV, A. M.; KUPERSHMIDT, Ya. A.

"Multi-channel devices for transmission of measurement information by communication lines and for its reproduction in digital form."

report submitted for the 3rd Intl Measurement Conf & 6th Intl Instruments & Measurements Conf, Stockholm, 14-19 Sep 64.

ALEKSEYEV, Sergey Vladimirovich; BAUMSHTEYN, I.A., inzh.; LIBERMAN, A.Ya.; MALOV, V.S.; RAPOPORT, M.I.; FEDOTOV, I.M.; KHOMYAKOV, M.V., inzh.; TSAREV, M.I.; FRIDKIN, L.M., tekhn. red.

[Handbook on high-voltage power distribution networks] Spravochnik po elektricheskim setiam vysokogo napriazheniia. [By] S.V. Alekseev i dr. Izd.4., perer. i dop. Pod obshchei red. M.V. Khomiakova i I.A.Baumshteina. Moskva, Gosenergoizdat, 1962.
559 p. (MIRA 15:12)
(Electric power distribution--Handbooks, manuals, etc.)
(Electric lines--Overhead)

ORSHANSKIY, D.L., gl. red. ARUTYUNOV, K.B., red.; VORONOV, A.A., red.;
KARANDEYEV, K.B., red.; KARIBSKIY, V.V., red.; KRASIVSKIY,
S.P., red.; KULEBAKIN, V.S., red.; LOGINOV, L.I., red.;
LUKIN, V.I., red.; MALOV, V.S., red.; PAVLENKO, V.A., red.;
PETROV, B.N., red.; RAKOVSKIY, M.Ye., red.; SMAGLY, L.V.,
red.; SMIRNOV, A.D., red.; SOTSKOV, B.S., red.; STEFANI,
Ye.P., red.; TRAPEZNIKOV, V.A., red.; TSAREVSKIY, Ye.N.,
red.; LEONOVA, Ye.I., tekhn. red.

[EIKA; encyclopedia of measurements, control and automa-
tion] EIKA; entsiklopediia izmerenii kontrolia i avtomati-
zatsii. Moskva, Gosenergoizdat. No.1. 1962. 243 p.

(MIRA 16:3)

(Instruments) (Automation) (Mensuration)

KUPERSHMIT, Ya.A. (Moskva); MALOV, V.S. (Moskva); SHENBROT, I.M. (Moskva)

Present-day trends in the development of dispatcher control systems
using digital computers. Avtom. i telem. 22 no.7:954-959 J1 '61.
(MIRA 14:6)

(Electronic digital computers) (Information theory)

Present stage and prospective development... S/119/61/000/004/001/005
B128/205 ✓

developed by VNIIE together with TsNIIKA. The Institut Avtomatiki Gosplana USSR (Institute of Automation of the Gosplana UkrSSR) has worked out transmission systems with an input coder. Large-scale rationalization and automation are planned for dispatcher techniques. Accordingly, only those parameters will be indicated in future, which deviate from the rated values, and computers will be used to calculate important data. The available systems do not operate satisfactorily, but it is hoped that new contactless systems which are still in the design stage, will make it possible to meet all requirements. V. Ye. Khazatskiy is mentioned. There are 2 Soviet-bloc references.

Card 4/4

Present stage and prospective development... S/119/61/000/004/001/005
B128/B205

pulse-frequency telemetering system (type ЧИ (ChI)) without tubes has been developed by TsNIIKA. The construction of remote-control installations for widespread objects has been undertaken on a large scale. Such installations are manufactured by IAT, VNIINEft, VNIIKA and a number of industrial establishments (e. g. MOSKIP Plant imeni Kalinin, Baku). A remote-control system of the type БЧСТ (BChST) has been designed by TsNIIKA together with SKBPribor, and will be manufactured by the Orlov Instrument Factory. Systems with relay contacts were designed for remote measurement, indication and control, and the contactless system БТУУ (BTsU) was developed by TsNIIKA and SKBPribor. The method of digital transmission of data in telemetering has been introduced for two reasons. First, the use of reference codes in digital pulse-code transmission make it possible to eliminate the effects of interference in transmission. Secondly, data transmitted by digital systems can be converted to figures, indicated, printed, and processed by computers. A single-channel pulse-code telemetering system, designed for use in transmission of d-c pulses and permitting digital indication by means of multi-electrode tubes of the type ИИ-1 (IN - 1), has been

Card 3/4

Present stage and prospective development... S/119/61/000/004/001/005
B128/B205

disadvantages of the new structural elements are discussed in detail. Combined use of semiconductors and electromagnetic components allows for the utilization of the most convenient properties of both elements. The first tests of contactless devices for time-division processes with the use of ferrites have been made by the Institut avtomatiki i telemekhaniki AN SSSR (Institute of Automation and Telemechanics, AS USSR) in cooperation with VNIIE. As a result of this work, a device of type ТМЭ (TME) is now being manufactured by the Leningrad plant "Elektropult". TsNIIKA - TsNII kompleksnaya avtomatizatsiya (Central Scientific Research Institute of Comprehensive Automation), jointly with SKB Pribor in Orel, has developed a series of devices of the type БТЦ (BTTs) using ferrite triode components. The devices are manufactured by "orlovskiy zavod priborov" (Orlov Instrument Factory). Manufacture of contactless devices in cooperation with IAT is being prepared by the Nal'chik Factory for Telemechanic Devices and the Yvmetallurgavtomatika Plant in Rostov-na-Donu. The TsNII of the Ministry of Traffic has elaborated a transistorized system. Several publications dealing with this field are discussed here, including papers by R. A. Baranov and I. I. Labzin. A simple and reliable

Card 2/4

S/119/61/000/004/001/005
B128/B205

AUTHOR: V. S. Malov

TITLE: Present stage and prospective development of
telemechanics

PERIODICAL: Priberostroyeniye, no. 4, 1961, 4 - 8

TEXT: A resolution of the XXI. Congress of the Communist Party of the Soviet Union stressed the importance of telemechanics for technological advance and urged speedy development of research in this field of technology. Investments made for telemechanic equipment are especially advantageous and have amortization periods of two or three years. While a great number of telemechanic pilot plants have been built for various industries during the past twelve years, the Seven-year Plan for 1959 - 65 provides for an increase in the manufacture of telemechanic equipment by 12 times. Above all, big plants of the power, petroleum, and natural-gas industries will be equipped with corrosion-resistant and explosion-proof dispatcher systems. Conventional relays and electron tubes will be replaced by semiconductor and ferrite components. The advantages and

Card 1/4

✓

KUPERSHMIDT, Yakov Abramovich; MALOV, Vladimir Sergeyevich;
PSHENICHNIKOV, Aleksandr Matveyevich; ZHUKHOVITSKIY, B.Ya.,
red.; SHIROKOVA, M.M., tekhn. red.

[Present-day telemetering systems] Sovremennye teleizmeritel'-
nye sistemy. Moskva, Gos. energ. izd-vo, 1961. 86 p. (Biblio-
teka po avtomatike, no.44) (MIRA 15:3)
(Telemetering)

LERNER, Aleksandr Yakovlevich, doktor tekhn.nauk; GAVRILOV, Mikhail
Aleksandrovich, prof., doktor tekhn.nauk; MALOV, Vladimir
Sergayevich, dotsent, kand.tekhn.nauk; ISLANKINA, T.P., red.;
HAZAROVA, A.S., tekhn.red.

[Automation of tomorrow] Avtomatika zavtra. Moskva, Izd-vo
"Znanie," 1961. 47 p. (Vsesoiuznos obshchestvo po rasprostrane-
niu politicheskikh i nauchnykh znani. Ser.4, Tekhnika, no.16)
(MIRA 14:12)

(Automation)

S/115/60/000/010/020/028
B021/B058

AUTHORS: Malov, V. S., Pshenichnikov, A. M., Kupershmidt, Ya. A.

TITLE: "Industrial Telemetric Systems and Digital Technology" ✓

PERIODICAL: Izmeritel'naya tekhnika, 1960, No. 10, p. 61

TEXT: The classification of telemetric systems is listed according to the following distinguishing characteristics: 1) transmission distance and type of transmission channel; 2) structure of the telemetering system; 3) type of the telemetric parameters; 4) service life. The possibility and expediency of standardizing telemetric systems and applying blocks for their construction is shown. The use of the digital technique in telemetric systems is pointed out as being promising. Examples of systems with digital reproduction are mentioned: with transmission of coded and analogy signals.

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SOV/5079

Remote Control

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Remote Control

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PHASE I BOOK EXPLOITATION

SOV/5079

Malov, Vladimir Sergeevich

Telemekhanika (Remote Control) Moscow, Gosenergoizdat, 1960. 96 p.
23,000 copies printed. (Series: Biblioteka po avtomatike,
vyp. 13)

Editorial Board: I. V. Antik, S. N. Veshenevskiy, V. S. Kulebakin,
A. D. Smirnov, B. S. Sotskov, Ye. P. Stefani, and N. N. Shumilov-
skiy; Ed.: B. Ye. Zhukhovitskiy; Tech. Ed.: K. P. Voronich.

PURPOSE: This book is intended for the general reader interested
in remote control and for engineers lacking special training in
this field.

COVERAGE: The book presents in brief the basic principles of remote
control and the methods of designing remote-control systems
(telecontrol, tele signalling and telemetering systems). No
personalities are mentioned. There are 17 references, all Soviet
(including 4 translations).

Card 1/3

SOV/3244

Fundamentals of Automation (Cont.)

telemetering and remote control systems and the function of communication channels. The Introduction and Chapters 1, 2, 5 and 11 were written by S. A. Ginzburg, Chapters 3, 7, 8 and 9 by I. Ya. Lekhtman, Chapters 12, 13, 14, 15 and 16 by V. S. Malov. Chapter 4 was written jointly by S. A. Ginzburg and I. Ya. Lekhtman, and Chapters 6 and 10 by S. A. Ginzburg and V. S. Malov. There are 38 references, all Soviet.

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28(1) MALOV, V.S. PHASE I BOOK EXPLOITATION SOV/3244

Ginzburg, Samuil Aleksandrovich, Izrail' Yakovlevich Lekhtman, and Vladimir Sergeevich Malov

Osnovy avtomatiki i telemekhaniki (Fundamentals of Automation and Telemechanics) 2d ed., rev. Moscow, Gosenergoizdat, 1959. 478 p. 35,000 copies printed.

Ed. (Title page): S. A. Ginzburg; Ed. (Inside book): Yu. P. Ustinova; Tech. Ed.: G. Ye. Larionov.

PURPOSE: The book is intended for engineers and technicians working in automation and remote control or interested in familiarizing themselves with this field. It may also be used as a textbook by students.

COVERAGE: The book contains basic information on automation and remote control facilities. It describes electronic, semiconductor and other components, such as data units, relays, amplifiers, distributors, voltage regulators, servomotors and others. The authors examine automatic regulation and control, servos, and measuring and computing systems. They describe the operation of

Card 1/9

MALOV, V.S., kand.tekhn.nauk

Discrete telemetering systems. Trudy VNIIE no.7:173-188 '58.
(MIRA 16:12)

8(2, 6)

Translation from: Referativnyy zhurnal. Elektrotehnika, 1958, Nr 3, p 158 (USSR)

AUTHOR: Malov, V. S.

TITLE: Using Telemeters for Automatic Regulation of Frequency and Active Power in Power Systems (Primeneniye teleizmeritel'nykh sistem dlya tseley avtomaticheskogo regulirovaniya chastoty i aktivnoy moshchnosti v energosistemakh)

PERIODICAL: Tr. Tsent. n.-i. elektrotekhn. labor. 1957, Nr 6, pp 118-124

ABSTRACT: Possible troubles in the operation of telemetering equipment are analyzed, and some methods for their location are considered. A frequency-type telemetering system of automatic regulation of frequency and active power in a power-supply system is described. Relays for blocking the regulator on equipment failure are provided in the receiver. Circuit diagrams, characteristics of the receiver, transmitter, and protective device are presented.

V.A.K.

Card 1/1

Malov, V.S.

YERMOLENKO, V.M., red.; KAZANSKIY, V.Ye., inzh., red.; KNYAZEVSKIY, B.A.,
red.; MALOV, V.S., red.; SYROMYATNIKOV, I.A., doktor tekhn.nauk,
prof., red.; TSAREV, M.I., kand.tekhn.nauk, red.; CHERNOBROVOV, N.V.,
red.; LARIONOV, G.Ye., tekhn.red.

[Electric relays, automatic and remote control of electric power systems; papers of a scientific conference on problems of electric relays, automatic and remote control] Releinaia zashchita, avtomatika i telemekhanika energosistem; materialy nauchno-tekhnicheskoi konferentsii [po voprosam releinoi zashchity, elektricheskoi avtomatiki i telemekhaniki]. Moskva, Gos. energ. izd-vo, 1957. 231 p. (MIRA 11:3)

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(Electric relays)
(Remote control)

(Automatic control)

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Telemetering; Lectures, nr. 3, (Cont.)

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VII. Summation of Telemetering Readings

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28(1)

PHASE I BOOK EXPLOITATION

SOV/1527

Malov, Vladimir Sergeyevich

Teleizmereniye; lektsii, vyp. 3, Impul'snyye i chastotnyye sistemy teleizmereniya
(Telemetering; Lectures, nr. 3, Pulse and Frequency Systems of Telemetering)
Moscow, Vses. zaachnyy politekhn. in-t, 1957. 64 p. 1,000 copies printed.

Sponsoring Agency: Moscow. Vsesoyuznyy zaachnyy politekhnicheskii institut.
Kafedra avtomaticheskikh i izmeritel'nykh ustroystv

Resp. Ed.: K.V. Yegorov; Ed. of Publishing House: I.V. Goncharova; Tech. Ed.:
P.G. Bobrov

PURPOSE: This booklet is intended for students of polytechnic institutes taking
courses in telemetering.

COVERAGE: This booklet is a summation of lectures on telemetering offered at the
All-Union Polytechnic Correspondence Institute, Moscow. The author examines the
impulse and frequency systems of telemetering and gives a description of telemeter-
ing apparatus and interconnecting circuits. No personalities are mentioned.

Card 1/3

MALOV, V. S.

"New Telemetry Developments in Power Systems," pp 49-65, 111

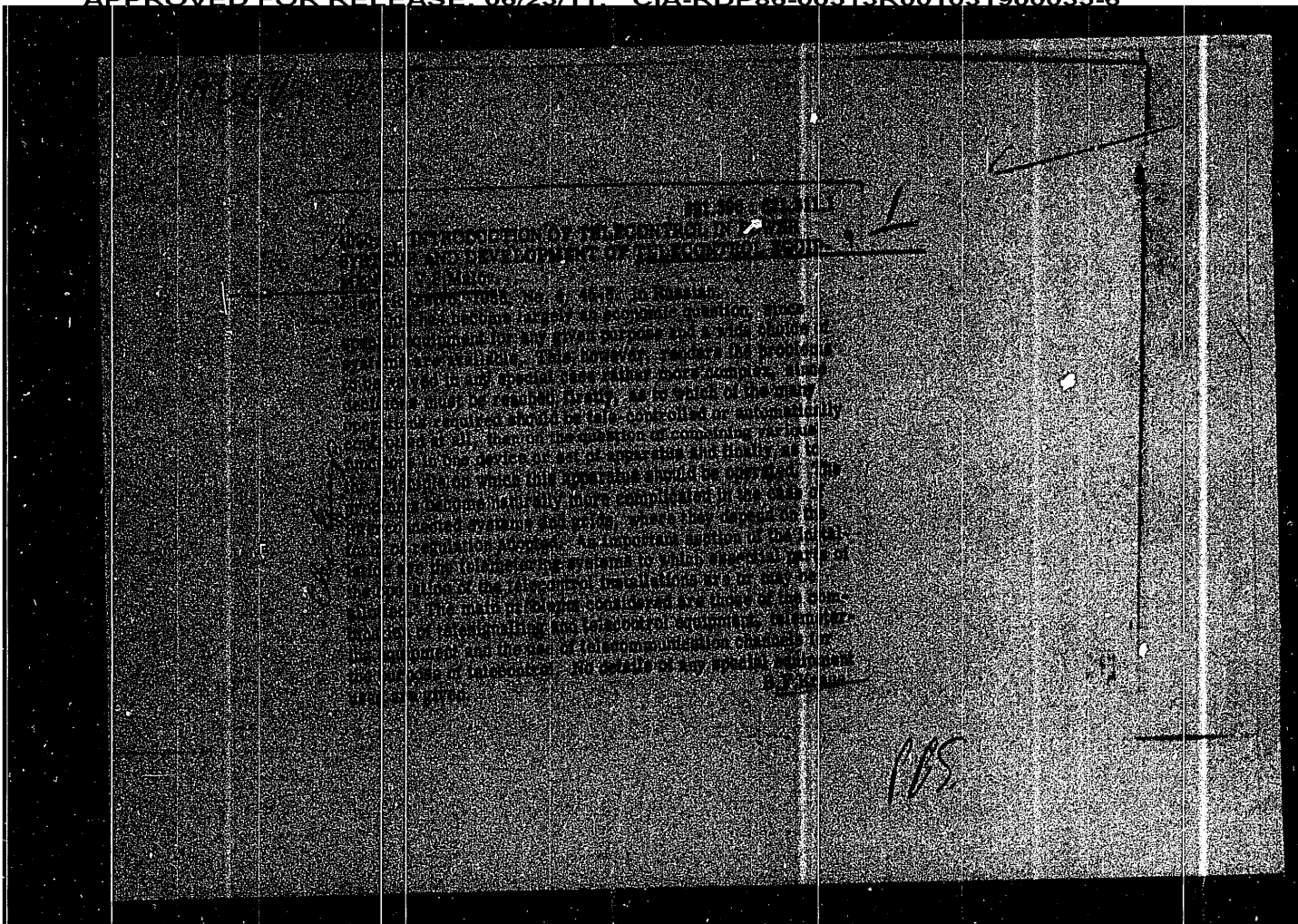
Abst: The problems of equipping dispatching points of associated power systems are discussed. The author notes new steps in the development of telemetering technique which are related to the field of multichannel telemetering systems and systems with discrete conversion -- code-pulse systems. The use of telemetering devices in automatic regulation is examined.

SOURCE: Materialy Nauchno-Tekhnicheskoy Konferentsii po Obmenu Opytom Eksploatatsii Ustroystv Telemekhaniki i Svyazi Nauchn-Tekhn. O-va Energet. Prom-sti. (Material From the Scientific and Technical Conference on Exchange of Experience in the Operation of Telemechanics and Communications Devices of the Scientific and Technical Society of the Power Engineering Industry), Rostov, 1957.

Sum 1854

MALOV, V.S. (Moskva)

On scientific problems of telemechanics. Avtom. i telen. 17
no.2:191 F '56. (MIRA 9:7)
(Remote control) (Telemetry) (Il'in, V.)



MALOV, V. S.

"On the Choice of the Basic Characteristics of Telemetric Apparatus for Power Systems" (O vybore osnovnykh kharakteristik teleizmeritel'noy apparatury dlya energostistem) from the book Telemechanization in the National Economy, pp. 243-248, Iz. AN SSSR, Moscow, 1956

(Given at meeting held in Moscow 29 Nov to 4 Dec 54 by Inst. of Automatics and Telemechanics)

Remote Control in the National Economy (Cont.) 813

PART 3. TELEMETERING

V.S. Malov. Selection of Basic Characteristics of Remote Control Equipment for Power Systems 243

The article presents a general discussion of problems encountered in the development and application of remote control equipment and systems. The importance of remote control is stressed and suggestions for the further development of remote control theory are offered.

V.D. Ambrosovich. Newly Developed Telemetering Equipment of the Elektropul't Plant 249

The author discusses new remote control equipment developed by the Elektropul't Plant and the Central Scientific-Research Electrical Engineering Laboratory of the Ministry of Electric Power Stations, which are being used by the Kuybyshev and

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Remote Control in the National Economy (Cont.) 813

Remote Control of the USSR Academy of Sciences on November 29, 1954. The articles deal with theoretical problems of remote control and various problems of research. They discuss the development of new methods in telemetering and review the present state of the research, development, and manufacture of remote control equipment. Problems concerning remote control communication channels and the general theory of telemetering devices and controls are treated very briefly, while problems in the manufacture of remote control apparatus are not included. The articles were discussed at the conference and the results of these discussions are also presented. For references see Table of Contents.

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PART 1. GENERAL PROBLEMS OF REMOTE CONTROL

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MALOV V.S.
PHASE I BOOK EXPLOITATION

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Soveshchaniye po telemekhanizatsii v narodnom khozyaystve SSSR. Moscow, 1954. Telemekhanizatsiya v narodnom khozyaystve; materialy soveshchaniya...(Remote Control in the National Economy; Materials of a Conference) Moscow, Izd-vo AN SSSR, 1956. 481 p. 3,000 copies printed.

Sponsoring Agency: Akadmelya nauk SSSR. Institut avtomatiki i telemekhaniki.

Resp. Ed.: Gavrilov, M.A.; Eds: Il'in, V.A., Zhozhikashvili, V.A., Petrovskiy, A.M., Malov, V.S., Ostianu, V.M.; Ed. of Publishing House: Pobedimskiy, V.V.; Tech. Ed.: Kiseleva, A.A.

PURPOSE: This book is intended for scientists and engineers engaged in the research and development of remote control.

COVERAGE: The monograph is a collection of papers presented at the All-Union conference called by the Institute of Automation and

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MALOV, Vladimir Sergeyevich; GINZBURG, S.A., redaktor; FRIDKIN, A.M.
tekhnicheskij redaktor.

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cheskikh sistemakh. Izd.2-e, perer. Moskva, Gos.energet. izd-vo
1955. 328 p. (MLRA 8:12)
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