

GOLIKOV, A. N.

New species of gastropods of the genus Neptunea Bolten (Gastropoda,  
Prosobranchiata) from the Far Eastern seas of the U.S.S.R. Trudy  
Zool. inst. 30:3-10 '62. (MIRA 15:10)

(Pacific Ocean.—Prosobranchiata)

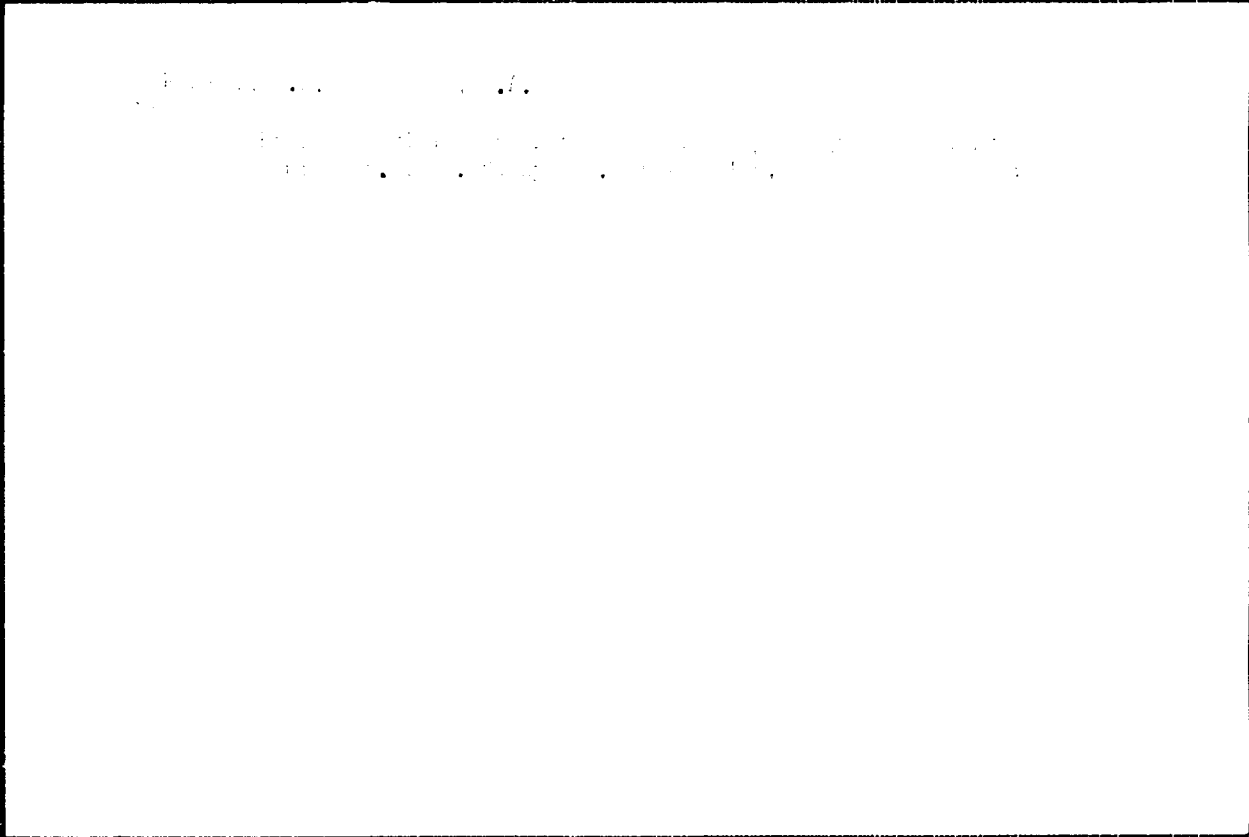
GOLIKOV, A.N.; KUSAKIN, O.G.

Fauna and ecology of prosobranchiate gastropods in the littoral waters of the Kurile Islands. Issl.dal'nevost.mor,SSSR no.8: 248-346 '62. (MIRA 15:12)

1. Zoologicheskii institut AN SSSR.  
(Kurile Islands---Prosobranchiata)

GOLIKOV, Aleksandr Nikolayevich; ZHIGANOVICH, S.V., ed.

[role of the nervous system in the healing of wounds]  
O roli nervnoi sistemy v zarishivlenii ran. Moskva, Me-  
ditsina, 1966. 217 p. (RISA 19:7)



ГОИТЕКОВ, А.Н.

"The Technique of Interviews in Translation."

*Ж: Восточники, Vol. 20, No. 3/4, March/April 1971, mol.*

GOLDFIN, A. I.

GOLIKOV, A. N. (Department of General and Special Surgery, Military  
Veterinary Academy of the Red Army,  
Some problems of special surgery.

Source: Veterinariya; 4-5; April/May 1945 and  
TAFCCN

ГОРЬКОВ, А. Н.

ГОРЬКОВ, А. Н. (Captain, Veterinary Service, Department of General and Special Surgery, Military-Veterinary Academy, Veterinary Service, Utilization of secondary sugar on granulating wounds.

So: Veterinariya; 21:7; September 1961; Incl.  
TAB 12

GOLIKOV, A.N., Assistant  
Moscow Veterinary Academy

"Regenerating changes in granulative wound,  
covered with commissure."

30: VET. 27 (2) 1950, p. 53 *closed*



GOLIKOV, A. N.

"Healing of a Granular Wound Closed by a Suture," edited by Lavydovskiy, I. V.,  
Izd-vo Akad. Med. Nauk SSSR, Moscow, 1951

GOMIKOV, A.N.

Author of an article, "About the Work of the Council of the Moscow Veterinary Academy".

SS:Veterinariya;Vol.20;No.6;60-63;June 1952 uncl de g  
Trans. # 61 by L.Lulich *card*

GOLIKOV, A.N.

[Theory and practice of the surgical suture] Teoriia i praktika khirurgicheskogo shva. Moskva, Gos. izd-vo selkhoz. lit-ry, 1953. 159 p.

(MLA 6:9)

(Veterinary surgery)

GOLIKOV, A.N. (Moskva)

Mechanism of regenerative and movement disorders following compound nerve injuries. Eksp. khir. 3 no.6:50-51 N-D '58. (MIRA 12:1)  
(NERVES--WOUNDS AND INJURIES) (REGENERATION (BIOLOGY))  
(MOVEMENT DISORDERS)

PLAKHOTIN, M.V., prof.; GOLIKOV, A.N., dots.

Current status of the problem of treating wounds in farm animals.  
Veterinariia 36 no.2:75-79 F '59. (MIRA 12:2)

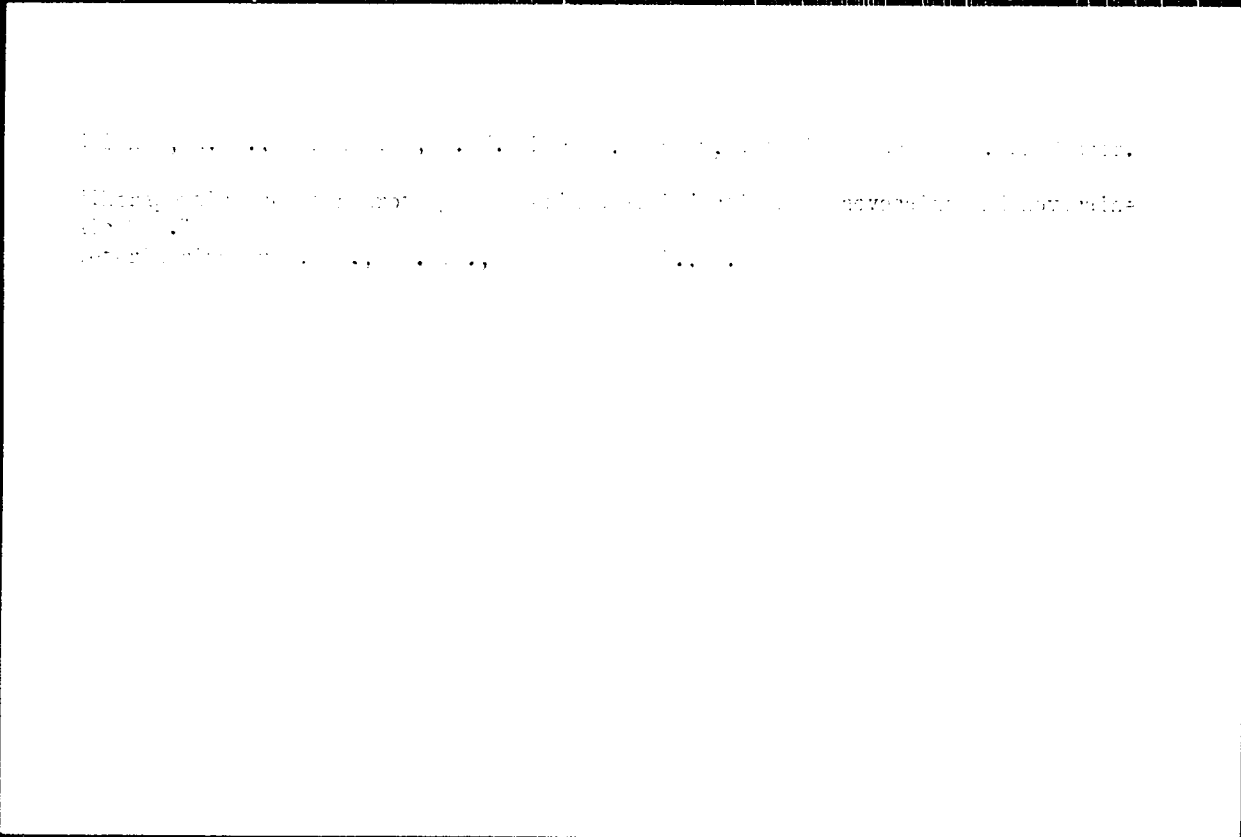
1. Moskovskaya veterinarnaya akademiya.  
(Wounds--Treatment)

1. The first part of the document is a list of names and titles.

2. The second part of the document is a list of names and titles.

3. The third part of the document is a list of names and titles.

GOLIKOV, A. N., Dr. Veter. Sci. (diss) "Features of Closing of Wounds and Some Functional-Morphological Changes in Animals from Destruction of Innervation," Moscow, 1961, 24 pp. (Leningrad Vet. Inst.) 25 copies (KL Supp 12-61, 281).





GOLIKOV, A.N.

Ecology of reproduction and nature of egg capsules in some gastropod species of the genus *Neptunea* (Bolten). *Zool.zhur.* 40 no.7:997-1008 J1 '61. (MIRA 14:7)

1. Zoological Institute of the U.S.S.R. Academy of Sciences, Leningrad.

(Gastropoda) (Mollusks--Eggs)

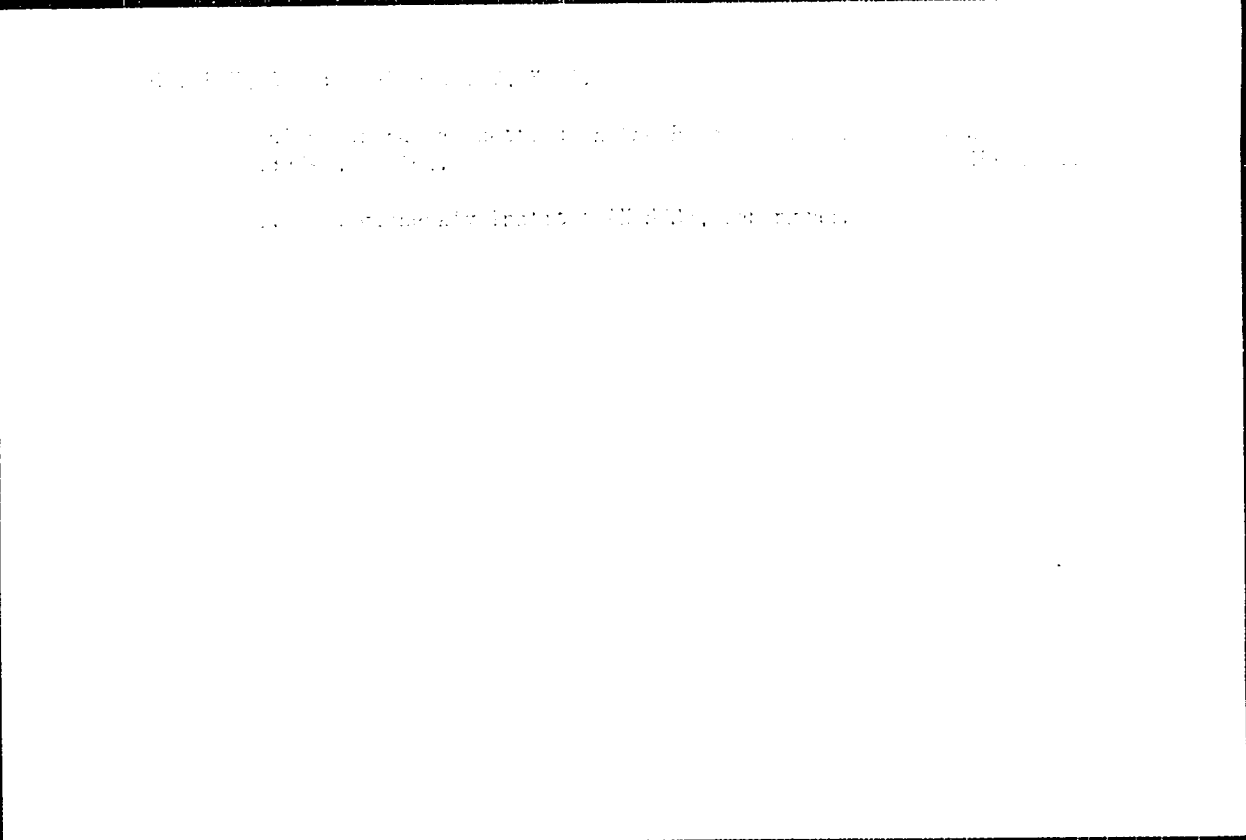
GOLIKOV, Aleksandr Nikolayevich; PAVLOVSKIY, Ye.M., akademik, glavnyy red.;  
STRELKOV, A.A., red.toma; BYKHOVSKIY, B.Ye., red.; GROMEV, I.M., red.;  
MONCHADSKIY, A.S., red.; SKARLATO, O.A., red.; SHTAKEL'BERG, A.A.,  
red.; KONDRAT'YEVA, M.N., tekhn.red.

[Gastropoda of the genus Neptunea Bolten] Belukhoniye molliuski  
roda Neptunea Bolten. Moskva, Izd-vo Akad. nauk SSSR, 1963. 217 p.  
(Fauna SSSR, no.85. Molluski, vol. 5, no.1). (MIRA 16:5)  
(Gastropoda)

10/17/68, 10/18/68, 10/19/68, 10/20/68.

10/21/68, 10/22/68, 10/23/68, 10/24/68, 10/25/68, 10/26/68, 10/27/68, 10/28/68, 10/29/68, 10/30/68, 10/31/68.

11/1/68, 11/2/68, 11/3/68, 11/4/68, 11/5/68.



WILSON, J. W.

Soft-shell and tooth shells (Gastropoda and Nauphoceata) of  
the northern part of the Greenland Sea and regions north of  
Spitsbergen and Franz Josef Land. *Trudy VNIIO* 1959: 102-105. 100.  
(1959: 17-18)

GOLIKOV, A.N., doktor veterinarnykh nauk

Prophylaxis and therapy of animal diseases, Veterinariia 41  
no.7:63-65 J1 '64. (MFA 18:11)

GOLIKOV, A.P., mayor meditsinskoy sluzhby

Changes in myocardial functions following disturbance of the sleep  
pattern. Voen.med.zhur. no.12:73 D '56. (MLRA 10:3)  
(BLOOD PRESSURE) (SLEEP)

GOLIKOV, A.P. (Leningrad)

A case of pheochromocytoma. Klin.med. 37 no.3:155-157  
Je '59. (MIRA 12:6)

1. Iz kafedry gosbital'noy terapii No.2 (nach. - prof.Z.M.  
Volynskiy) Voenno-meditsinskoy ordena Lenina akademi imeni  
S.M.Kirova.

(PHEOCHROMOCYTOMA, case reports  
(Rus))



VOL'FSON, T.I.; GOLIKOV, A.P.; MIKHUSHEIN, M.K.

Effect of corn oil on lipid metabolism and the development  
of atherosclerosis. Kardiologia 1 no.5:29-34'61 (MIRA 17:4)

MIKUSEKIN, M.K.; GOLIKOV, A.P.; FINCHUK, V.M.

Effect of corn oil on the processes of fatty degeneration of the liver and biosynthesis of cholesterol in experimental atherosclerosis. Biul. eksp. biol. i med. 53 no.4: 53-56 Ap '62. (MIRA 15:4)

1. Iz kafedry voyenno-morskoy i gospital'noy terapii (nachal'nik - prof. A.M.Volynskiy) Voenno-meditsinskoy ordena Lenina akademii imeni S.M.Kirova, Leningrad. Predstavlena akademikom N.N.Anichkovym.  
(CORN OIL--PHYSIOLOGICAL EFFECT) (ARTERIOSCLEROSIS)  
(LIVER--DISEASES) (CHOLESTEROL)  
(SUNFLOWER SEED OIL--PHYSIOLOGICAL EFFECT)

GOLIKOV, A.P., dotsent; MIKUSHKIN, M.K., starshiy nauchnyy sotrudnik

Conference on the problem of atherosclerosis. Kardiologiya  
2 no.5:90-94 S-O '62. (MIRA 15:12)  
(ARTERIOSCLEROSIS--CONGRESSES)

GOLIKOV, A.P.; MIKUSHKIN, M.K. (Leningrad)

Symposium on the prevention and treatment of atherosclerosis.  
Terap. arkh. 34 no.12: 118-119 D'62. (MIRA16:6)  
(ARTERIOSCLEROSIS--CONGRESSES)

GOLIKOV, A.P., dotsent; MIRUSHIN, M.K. (Leningrad )

First (constituent) All-Union Conference of Cardiologists.  
Kardiologiia 3 no.3:91-94 My-Je'63. (MIA 16:9)  
(CARDIOLOGY—CONGRESSES)

GOLIKOV, A.P., dotsent (Leningrad)

Work of the First All-Union (constituent) Conference of  
Cardiologists. Vrach. delo no.12:137-138 D '63.  
(MIRA 17:2)

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... of the ...  
... of the ...

1. ...
2. ...

VOL'FSON, T.I.; GOLIKOV, A.P.

Diagnostic value of determining sialic acids in slowly developing forms of rheumatic fever. Lab. delo 10 no.4:206-208 '64.

(MIRA 17:5)

1. Kafedra voyenno-morskoy i gospital'noy terapii (nachal'nik - prof.Z.M.Volynskiy) Voyenno-meditsinskoy ordena Lenina akademii im. S.M.Kirova, Leningrad.



GOLIKOV, A.S.

Experiencia de la medicina en el tratamiento de la demencia senil.  
med. abstr. neurolog. 1964, 10, 10.

(P. 10, 10)

1. Experiencia de la medicina en el tratamiento de la demencia senil -  
prof. V.M. Golikov. Tesis de doctorado en medicina. Academia de Ciencias de la URSS,  
Moscú, 1964.

GOLIKOV, A.P., dotsent

Cardiac arrhythmias; based on materials of the Plenary Session of  
the All-Union Cardiological Society. Sov.med, 28 no.7:149-151 J1  
'65. (MIRA 18:8)

MEMORANDUM FOR THE DIRECTOR, CIA  
SUBJECT: [Illegible]

[Illegible text]

[Illegible text]

[Illegible text]

[Illegible text]

GOLIKOV, A.V., inzhener.

Eccentric sluice gate. Gidr.1 mel. 8 no.4:42-45 Ap '56. (MLRA 9:8)  
(Sluice gates)

GOLIKOV, A.V.

Experimental actinomycosis in 1- and 2-day-old rabbits. Zhur.  
mikrobiol., epid. i immun. 40 no.12:137-141'63. (MIRA 16:10)

1. Iz Vsesoyuzn. in-ta im. I. I. Medvedevskoy eksperimental'noy veterinarii.

\*

GOLIKOV, A.V.

Fungistatic action of some antibiotics on pathogenic strains  
of actinomycetes and protoactinomycetes. Antibiotiki 8 no. 34  
212-215 Mr'63 (MIRA 1764)

1. Laboratoriya mikologii i antibiotikov (zav. - prof. A. Kh.  
Sarkisov) Vsesoyuznogo instituta eksperimental'noy veterinarii.

GOLIKOV, A.V.

Concentration of some antibiotics in actinomycoma and in the  
blood of animals in actinomycosis. Antibiotiki 8 no. 11;  
1045-1048 N '63. (MIRA 17:9)

1. Laboratoriya antibiotikov (zav. - prof. A.Kh.Sarkisov)  
Vsesoyuznogo instituta eksperimental'noy veterinarii.

00120012-8

Study of the adaptation of the...  
adaptation of the...  
adaptation of the... (MIRA 18:5)

1. The study of the adaptation of the...  
adaptation of the...  
adaptation of the...



CONFIDENTIAL

1. The following information was obtained from a review of the files of the  
CIA, dated 10/1/68, and is being furnished to you for your information.

2. The following information was obtained from a review of the files of the  
CIA, dated 10/1/68, and is being furnished to you for your information.

1. The purpose of this study is to determine the effect of the  
2. treatment on the response of the subjects to the stimulus.  
3. The results of the study are as follows: (a) The response of the  
4. subjects to the stimulus is significantly higher than the control.  
5. The response of the subjects to the stimulus is significantly lower  
6. than the control. (b) The response of the subjects to the stimulus  
7. is significantly higher than the control. (c) The response of the  
8. subjects to the stimulus is significantly lower than the control.  
9. The results of the study are as follows: (a) The response of the  
10. subjects to the stimulus is significantly higher than the control.  
11. The response of the subjects to the stimulus is significantly lower  
12. than the control. (b) The response of the subjects to the stimulus  
13. is significantly higher than the control. (c) The response of the  
14. subjects to the stimulus is significantly lower than the control.  
15. The results of the study are as follows: (a) The response of the  
16. subjects to the stimulus is significantly higher than the control.  
17. The response of the subjects to the stimulus is significantly lower  
18. than the control. (b) The response of the subjects to the stimulus  
19. is significantly higher than the control. (c) The response of the  
20. subjects to the stimulus is significantly lower than the control.

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СОВЕТОВ, А. В., (Veterinary Surgeon, Lev Tolstoj, State Farm, Lijetsk Oblast')

The use of the biogenic stimulant with penicilline

Veterinariya vol. 38, no. 10, October 1961, pp. 81-89.

GOLIKOV, A.V., aspirant

Treatment of actinomycosis in cattle. Veterinariia 40 no.7:  
15-16 J1 '63. (MIRA 16:8)

1. Vsesoyuznyy institut eksperimental'noy veterinarii.  
(actinomycosis) (Cattle--Diseases and pests)

POLYAKOV, L.G., BAZUVAYEV, V.D., GOLIKOV, A.Ye.

New method for excluding lost-circulation zones in well drilling.  
Buro no.9:8-10 '65. (MIRA 18:10)

1. Konstruktorskoye byuro neftyanoy i gazovoy promyshlennosti  
ob"yedineniya "Saratovneftegaz".

*601.400, 2.11*

USSR/Crystals.

B-5

Abs Jour : Referat Zhur - Khimiya, No 6, 1957, 18305

Author : B.M. Golikov, V.T. Borisov.

Title : Study of Autodiffusion of  $\alpha$  - Iron.

Orig Pub : Procl. metalloved. i fiz. metallov, sb.4, 1955, 529-542

Abstract : A modification of the absorption method is proposed for the determination of small autodiffusion factors D. This modification requires no preliminary determination of the absorption factor of the  $\beta$ - radiation of the radioactive indicator. The processes taking place in the active layer and on the separating boundary layer-sample are taken into consideration. The form of the absorption function does not influence the value of  $I(t) / I(t_0)$  much. It is shown how to take the isotope composition of the compound into consideration. It was found that within the temperature interval from 650 to 850<sup>o</sup>, the autodiffusion of  $\alpha$ -Fe was described by the equation  $D = 5.3 \times 10^2 \exp(-67110/RT) \text{ cm}^2 \text{ sec}^{-1}$ .

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- 67 -

1. [illegible]

Measuring [illegible] [illegible] [illegible]  
diagonal [illegible] [illegible] [illegible]  
Tudy K.M. [illegible] [illegible] [illegible]

1. [illegible] [illegible] [illegible] [illegible]  
[illegible] [illegible] [illegible] [illegible]



GOLIKOV, F.

New charging material for filters. Zhil.-kon.khoz. 9 no.12:  
17-18 '59. (MIRA 13:4)

1. Upravlyayushchiy trust "Vodokanal", g.Yaroslavl'.  
(Filters and filtration) (Ceramic materials)

GOLIKOV, F., general armii

Some problems concerning our propaganda. Komm.Voeruzh.Sil 1  
no.5:16-25 D '60. (MIRA 14:8)  
(Russia--Armed forces--Political activity)

GOLIKOV, F., general armii

Let's persistently follow the party line in the work of  
political organizations. Komm. Voerush. Sil 1 no.1:17-25  
0 '60. (MIRA 14:7)  
(Russia--Armed forces--Political activity)

GOLIKOV, I. A.

PHASE I BOX EXPLOITATION

Kamov, P.V., Candidate of Technical Sciences, Docent, MA.

Peredovoy opt booki (Advanced Experiences in Forging) [Leningrad] Leningrad, 1979. 246 p. 5,000 copies printed.

Ed.: Ye.F. Yemal'yanova, Tech. Ed.: I.M. Tikhonova.

SUBJECT: This collection of articles is intended for workers and engineers in die-forging shops and for personnel of affiliated branches in the machine industry.

COVERAGE: The articles deal with the advanced experience of a number of Leningrad plants in machining and improving production methods in the forging. The authors describe the experience of the plants in the development of new methods and the further development of operative forging processes. Articles by operators-innovators in forging shops of the Yuzovskiy (Kuznetskiy) and Ural'skiy (Ural) machinery plants are included. The collection contains some of the papers which were discussed during the conference in June 1973 (P.V. Kamov, Chairman) on operative forging, called by the regional section for the working out of methods of the Leningradskiy Zavodskiy Institut Mashinostroyeniya (Leningrad Administration of the Scientific and Technical Society of the Machine Industry) and the Leningradskiy Gosstatnaukogradskiy Institut Mashinostroyeniya (State Scientific and Technical Propaganda). The following includes a list of participants who submitted papers to the aforementioned conference. There are 80 references.

Availability: V.G. Chief Process Engineer, Dressing Shop. Forging Shop. Forgings From Outgoing Form Eggs

Advanced Experience in Forging 80V Agch

Chernya, I.M., Engineer. Hot Pressing of Steel Ingots Instead of Forging 79

Golikov, P.V., Chief of Section. Improving the Press-Forging Processes 88

Misyagin, N.P., Operator-Innovator. Making Large Forgings with Reduced 96

Difficulties and Minimum Deformations From the Die in Chamfering

Chernya, I.M., Engineer. V.M. Kuznetsov's Experiences of Technical Solutions, 103

and M. Kuznetsov's Engineer. New Methods of Making Extrusion Shafts

Trifonov, B.A., Senior Foreman. Experience in the Operation of a 12,000-ton 116

Forging Press

Mikhailov, V.M., Operator-Innovator, Hero of Socialist Labor. Experience in 124

Pressing Efficient Forging Processes on a 1000-ton Press

Dudnikov, S.P., Deputy Chief of Shop and S.M. Karlov, Engineer. From the 134

Experience of the Leningradskiy Mashinostroyeniye Zavod (Leningrad Machine Plant)

in Forging-Shop Operation

Kirayev, F.I., Chief of Section, L.S. Kuznetsov, Engineer, and M. Kuznetsov, 146

Hero, Operator-Innovator. Advanced Experiences of the Forging Shop of the 146

Ural Plant

Amosov, M.I., Chief Process Engineer, Forging Shop. Examples of Improving 156

Efficiency in the Hot-Pressing Process

Medvedev, L.M., Engineer. Promoting Efficiency in the Die-Forging Shop 164

cesses

Seratskiy, M.M., Operator-Innovator. Measures of Promoting Efficiency 174

in the Production of Small Forgings

274

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Card 1/1

NOVEMBER 1979

KOCHERGIN, S.M.; GOLIKOV, G.A.

Determination of the quality of the electrode surface by measuring  
the contact difference of potentials. Trudy KXHTI no.30:271-276  
'62. (MIRA 16:10)

KOCHERGIN, S.M.; GOLIKOV, G.A.

Evaluating the state of surfaces of zinc electrodes as dependent on the treatment and structure by measuring the contact potential difference. *Izv.vys.ucheb.zav.;khim.i khim.tekh.* 6 no.1:111-113 '63. (MIRA 16:6)

1. Kazanskiy khimiko-tehnologicheskiiy institut, kafedra fizicheskoy khimii.

(Electrodes, Zinc)

KOCHERGIN, S.M.; GOLIKOV, G.A.

Comparative characteristics of the state of an electrode surface  
determined by the measurement of contact potential difference.  
Zhur. fiz. khim. 37 no.5:1116-1119 My '63. (MIRA 17:1)

1. Kazanskiy khimiko-tekhnologicheskii institut imeni S.M. Kirova.

L 12603-63 EWP(q)/EWT(m)/BDS AFFTC/ASD JD/JG

ACCESSION NR: AP3001704

S/0126/63/015/005/0784/0786

AUTHOR: Kochergin, S. M.; Golikov, G. A.

56  
55

TITLE: Contact potential difference of copper and nickel treated with electrolytes

SOURCE: Fizika metallov i metallovedeniye, v. 15, no. 5, 784-786

TOPIC TAGS: contact potential difference, Cu, Ni, electrolyte, discharge energy of electron, surface condition, oxidizing solution, reducing solution

ABSTRACT: The contact potential differences of commercial copper foil and nickel sheets treated with electrolytic solutions were measured to study the metal surfaces. A capacitor with a vibrating electrode was used as measuring equipment, and a gold plate was used as comparing electrode. All measurements were made in the air. The following solutions were used: oxidizing - 0.1% KMnO sub 4, 0.1% CrO sub 3, 0.1% K sub 2, Cr sub 2 O sub 7, reducing - 0.1% Na sub 2 S, 0.1% KI, 0.1% FeSO sub 4 in 0.01 NH sub 2 SO sub 4. Oxidizing solutions caused a decrease of contact potential difference; reducing solutions caused an increase. It is concluded that a superficial layer always exists on the surface of the metal, regardless of the solution with which the surface is treated. Various solutions,

Card 1/2



L 12603-63

ACCESSION NR: AP3001704

however, affect and change the composition of the layer, and thus affect the discharge energy of electrons. Orig. art. has: 4 figures.

ASSOCIATION: Kazanskiy khimiko-tekhnologicheskii institut im. S. M. Kirova (Kazan Institute of Chemical Technology)

SUBMITTED: 26Feb62

DATE ACQ: 11Jul63

ENCL: 00

SUB CODE: 00

NO REF SOV: 003

OTHER: 000

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L 48989-65 EWT(m)/EWG(x)/T ENH

ACCESSION NR: AP5011468

UR/0076/65/039/001/0891/0892

15  
14  
B

AUTHOR: Tsypin, M.Z.; Golikov, G. A.; Karaseva, Ye. D.

TITLE: Photogalvanic effect, electronic work function, and catalytic activity of an oxidized silver electrode

SOURCE: Zhurnal fizicheskoy khimii, v. 39, no. 4, 1965, 890-892

TOPIC TAGS: electrode structure, electrode activity, silver electrode, photogalvanic effect, electron emission, electrochemical reduction, oxygen reduction, silver oxide

ABSTRACT: The purpose of this work was to study the process of electrochemical reduction of oxygen on silver oxides prepared electrochemically and possessing photogalvanic activity. The latter was determined as the difference between the electrode potential in darkness  $\phi$  and under illumination  $\phi_c$ :  $\Delta\phi = \phi - \phi_c$ . The following samples were investigated: (1) silver anodically polarized in a 0.1 N NaOH solution for which  $\Delta\phi = 0$ ; (2) silver anodically polarized in a 0.1 N NaOH solution for which  $\Delta\phi$  was a maximum; (3) a mechanically polished silver plate. The data obtained show that the transition from  $Ag_2O$  to  $AgO$  is associated with a

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L 48989-65

ACCESSION NR: AP5011468

maximum in photogalvanic activity  $\Delta\phi$  and with pronounced changes in the value of the contact potential difference  $V_c$  (relative to a gold reference electrode). The characteristic course of the curve representing the contact potential difference (steep decline after a certain maximum was reached) led the authors to suggest the existence of a relationship between the catalytic activity of the oxidized electrode surface and the corresponding changes in the electronic work function. The highest percentage of reduced oxygen corresponds to the electrode having the maximum  $\Delta\phi$ . The concordance between the changes in  $\Delta\phi$  and  $V_c$  as well as the results of experiments on the reduction of oxygen indicate that both these quantities can be used to characterize the catalytic activity of the silver oxide electrode in the electrochemical reaction of oxygen reduction. Orig. art. has: 1 figure and 1 table.

ASSOCIATION: Kazanskiy khimiko-tekhnologicheskii institut (Kazan' Chemical Engineering Institute)

SUBMITTED: 25Oct63

ENCL: 00

SUB CODE: CC

NO REF SOV: 006

OTHER: 000

Card 2/2 7<sup>26</sup>

TSYPIN, M.G.; GOLIKOV, G.A.; KALASHVA, Ye.S.

Photogalvanic effect, work function of an electron and catalytic activity of an oxidized silver electrode. *Dokl. Akad. Nauk SSSR*: 890-892. Apr. '66. (NINA 19:1)

1. Kazanskiy Khimiko-tekhnologicheskii Institut, Sverdlovsk, 1963.

L 37681-66 EWT(m)/T/EVP(t)/ETI DJ/JD

ACC NR: AP6011250

(N)

SOURCE CODE: UR/0413/66/000/006/0093/0093

AUTHOR: Garkunov, D. N.; Markov, A. A.; Golikov, G. A.

23

ORG: none

B

TITLE: Determining antifriction properties of materials. Class 42, No. 17995

SOURCE: Izobreteniya, promyshlennyye obraztsy, tovarnyye znaki, no. 6, 1966, 93

TOPIC TAGS: antifriction property, friction pair

ABSTRACT: This Author Certificate introduces a method of determining the antifriction properties of materials. To achieve better selection of material for friction pairs, an inert metal such as gold is used as a standard for measuring the contact potential difference of each friction pair specimen; the standard and specimen are measured in various lubricants using a device for measuring the work function of capacitor electrons. Materials with the highest potential difference are selected. [LD]

SUB CODE: 11/ SUBM DATE: 21Sep64

Card 1/1

UDC: 620.178.162.2

Golikov, G.T.

BERKUTOV, A.H., professor; GOLIKOV, G.T.; RYBAKOVA, G.A.

Using bicillin in surgical practice and possibilities of its use in  
field medicine. Voen.-med.zhur.no.10:32-40 0 '56. (MLRA 10:3)  
(PENICILLIN) (MEDICINE, MILITARY)

BERKUTOV, A.N., professor; GOLIKOV, G.T.; RYBAKOVA, G.A.

Use of bicillin, a slow-acting penicillin preparation. Vest.khir. 77  
no.10:67-73 0 156. (MIRA 9:12)

1. Iz kliniki voyenno-polevoy khirurgii (nach. - prof. A.N.Berkutov)  
Voyenno-meditzinskoy ordona Lenina akademii im. S.M.Kirova. Leningrad,  
Pirogovskaya naberezhnaya, 3, klinika voyenno-polevoy khirurgii  
VMOLA im. S.M.Kirova.

(PENICILLIN, rel. cpds.

benzathine penicillin G, ther. of wds., local admin.)

(WOUNDS AND INJURIES, ther.

benzathine penicillin G, local admin.)



GOL'KOV, G.T., mayor med. sluzhby

Application of primary, primary delayed, and secondary sutures in  
combined injuries; experimental studies. Voen.-med.zhur. no.11:15-19  
N 157. (MIRA 11:4)

(WOUNDS AND INJURIES, experimental,  
suture, primary, primary-delayed & secondary (Rus)  
(SUTURES,  
primary, primary-delayed & secondary in exper. combined  
wds. (Rus)

GOLIKOV, G.T.

Experimental study of the effect of bioglycin, bicillin, and penicillin in treating compound involvements [with summary in English]. Eksp. khir. 3 no.1:40-43 Ja-F 198. (MIRA 11:2)

1. In kafedry voyenno-polevoy khirurgii (nach. - prof. A.N.Berkutov) Voenno-meditsinskoy ordena Lenina akademii imeni S.M.Kirova.

(ROENTGEN RAYS, inj. eff.

exper. wds., prev. of infect. with penicillin, benzathine penicillin G & chlortetracycline (Rus))

(PENICILLIN, ther. use

benzathine penicillin G & penicillin prev. of infect. in exper. x-ray induced inj. (Rus))

(CHLORTETRACYCLINE, ther. use

infect. in exper. x-ray induced inj., prev. (Rus))

17(

SCV/177-53-5-23/30

AUTHOR:

Golikov, G.T., Major of the Medical Corps

TITLE:

Diagnosis of an Ureterolith (K diagnostike kamnya mochetchnika)

PERIODICAL:

Voyenno-meditsinskiy zhurnal, 1958, Nr 5, pp 83-84 (USSR)

ABSTRACT:

For diagnosing an ureterolith, the author applies the so-called procedure of displacing the shadow of the concretion. The position of the ureter and of the calculus is changed by means of a catheter (Figure 2). The procedure is based on the calculation of this mobility of the ureterolith. It presents a useful supplement to the existing methods of instrumental and X-ray examination of patients suffering from an ureterolith. There are 2 photographs.

Card 1/1

GOLIKOV, G.T.; KHAREN, V.Yu.

Comparative evaluation of different incisions of the aorta in  
open interventions on the aortic valve; experimental study.  
Grad. khir. 5 no.6:3-8 N-D'63 (MIRA 17:2)

1. Iz Instituta serdechno-sosudistoy khirurgii (direktor - prof.  
S.A. Kolesnikov, nauchnyy rukovoditel' - akad. A.N. Bakulev)  
AMN SSSR. Adres avtorov: Moskva, 7-49, Leninskiy prosp., d.8.  
Institut serdechno-sosudistoy khirurgii AMN SSSR.

BURAKOVSKIY, V.I.; BUKHARIN, V.A.; GOLIKOV, G.T.; DOBROVA, N.B.; KISIS, S.Ya.

Prosthesis of the semilunar valves of the pulmonary artery in their isolated insufficiency. Grad. Khir. 6 no.4:12-15 01-03 '64.

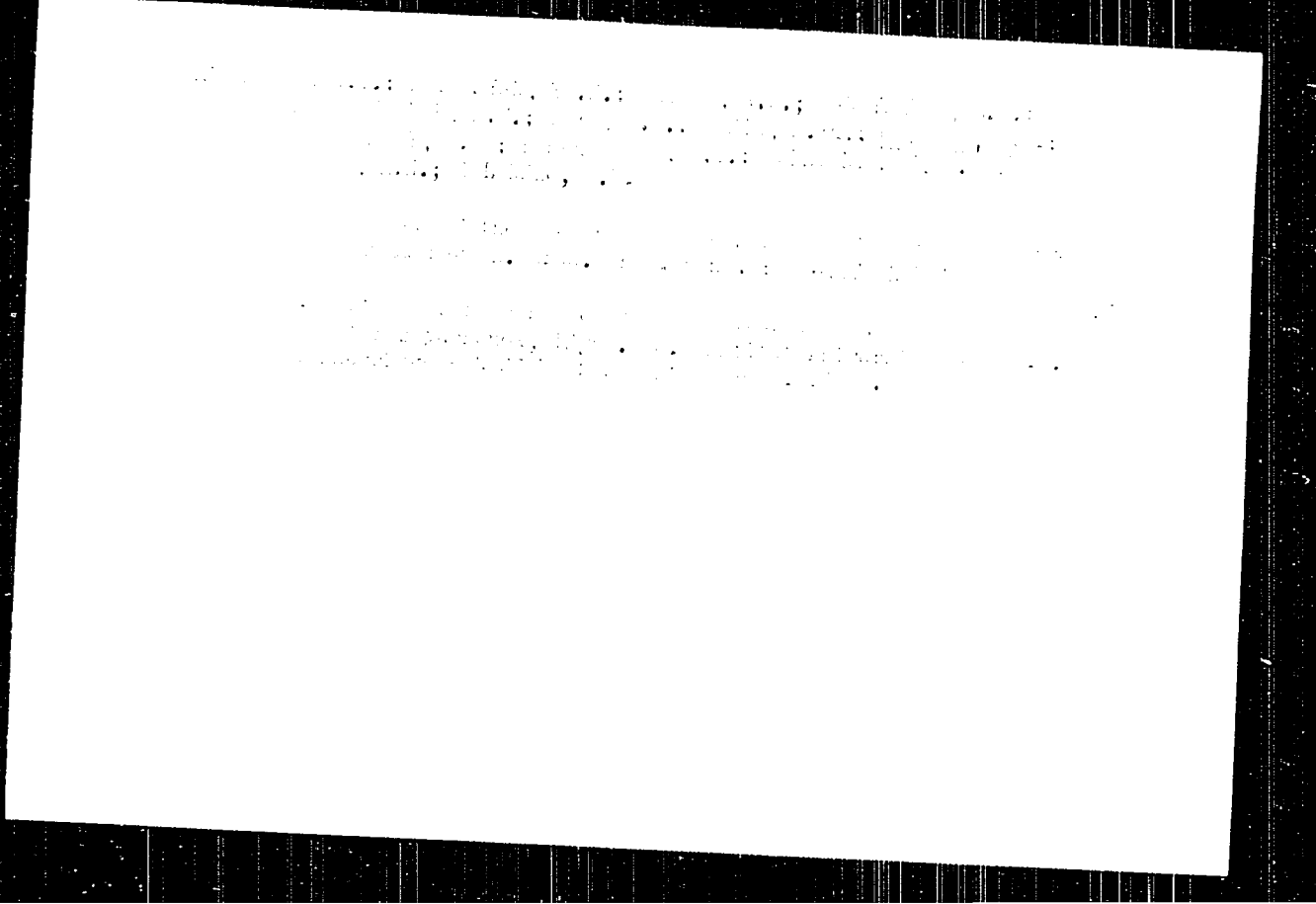
(MIRA 18:4)

1. Otdeleniya vrozhdennykh porokov serdtsa (zav. -- doktor med.nauk V.I.Burakovskiy) i laboratoriya polimerov (zav. -- kand.med.nauk N.B.Dobrova) Instituta serdечно-сосудистой khirurgii (dir. -- prof. S.A.Kolesnikov, nauchnyy rukovoditel' -- akademik A.N. Bakulev) AMN SSSR, Moskva.

KOLESNIKOV, V.V.; IBSKINMAN, I.I.; GOLIKOV, G.T.; DOBRCVA, R.B.; SMUROVA, Ye.V.;  
REISH, N.A. 5.7.

Result of the use of an artificial tricuspid valve in surgical  
treatment of a tricuspid insufficiency. Zhurnal khir. o no. 5:3-8 S-O  
1941. (MIRA 18:4)

V. KOLESNIKOV, I. IBSKINMAN, G. GOLIKOV, R. DOBRCVA, Ye. SMUROVA, N. REISH;  
N. IBSKINMAN (dir. - prof. S.A. Golikov), Akademik A.M. Bahulev; AMN  
SSSR, Moscow, Zhurnal khir. o no. 5:3-8, Leningradskiy prospekt  
15, 1941, 3 s., 3000 ekz., 1000 kopek.



TSUKERMAN, G.I.; GOLIKOV, G.T. (Moskva)

Traumatic defect of the interventricular septum of the heart.  
Grud. khir. 6 no.1:102-105 Ja-F '64. (MIRA 18:11)

1. Adres avtorov: Moskva, V-49, Leninskiy prospekt, dcm. 8,  
Institut serdechno-sosudistoy khirurgii.



L 8141-66 EWT(m)/ETC/ENG(m)/EWP(t)/EWP(b) IJP(c) RPA/JD/JCT(BF)  
ACC NR: AP5025728 SOURCE CODE: UR/0286/65/000/018/0080/0081. 2  
AUTHORS: Kal'manson, V. A.; Zlotnikov, G. G.; Viahnovskaya, N. P.; Petrov, G. A.;  
Zaytsev, Ye. N.; Golikov, I. G.; Pokrovskiy, I. V. 20  
ORG: none B  
TITLE: Reading-copying apparatus. Class 42, No. 174810 [announced by Laboratory  
for Electromodulation of the All-Union Institute for Scientific and Technical Informa-  
tion, AN SSSR (Laboratoriya elektromodirovaniya vsoyuznogo instituta nauchnoy i  
tekhnicheskoy informatsii AN SSSR)]  
SOURCE: Byulleten' izobreteniy i tovarnykh znakov, no. 18, 1965, 80-81  
TOPIC TAGS: microreader, microcopying device, selenium copying device  
ABSTRACT: This Author Certificate presents a reading-copying apparatus. The device  
contains an optical system which permits reading and copying of micro-images. To  
make the device more convenient to use and to improve its performance during selective  
copying, the device is equipped with a charge-developing electrographic installation  
(see Fig. 1). The selenium plate of the latter coincides with a transparent screen  
situated within the depth limits of the sharpness of the objective. A modification  
of the above device for the complete copying of exposure onto the selenium plate  
contains a concave mirror.  
Card 1/2 UDC: 778.148.2.778.275 2

L 8141-66

ACC NR. AP5025728

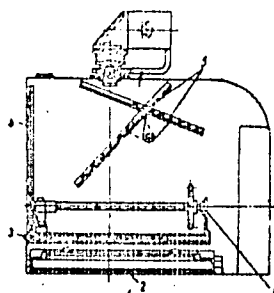


Fig. 1. 1- charging installation; 2- developing installation; 3- selenium plate; 4- transparent screen; 5- mirror

Orig. art. has: 1 figure.

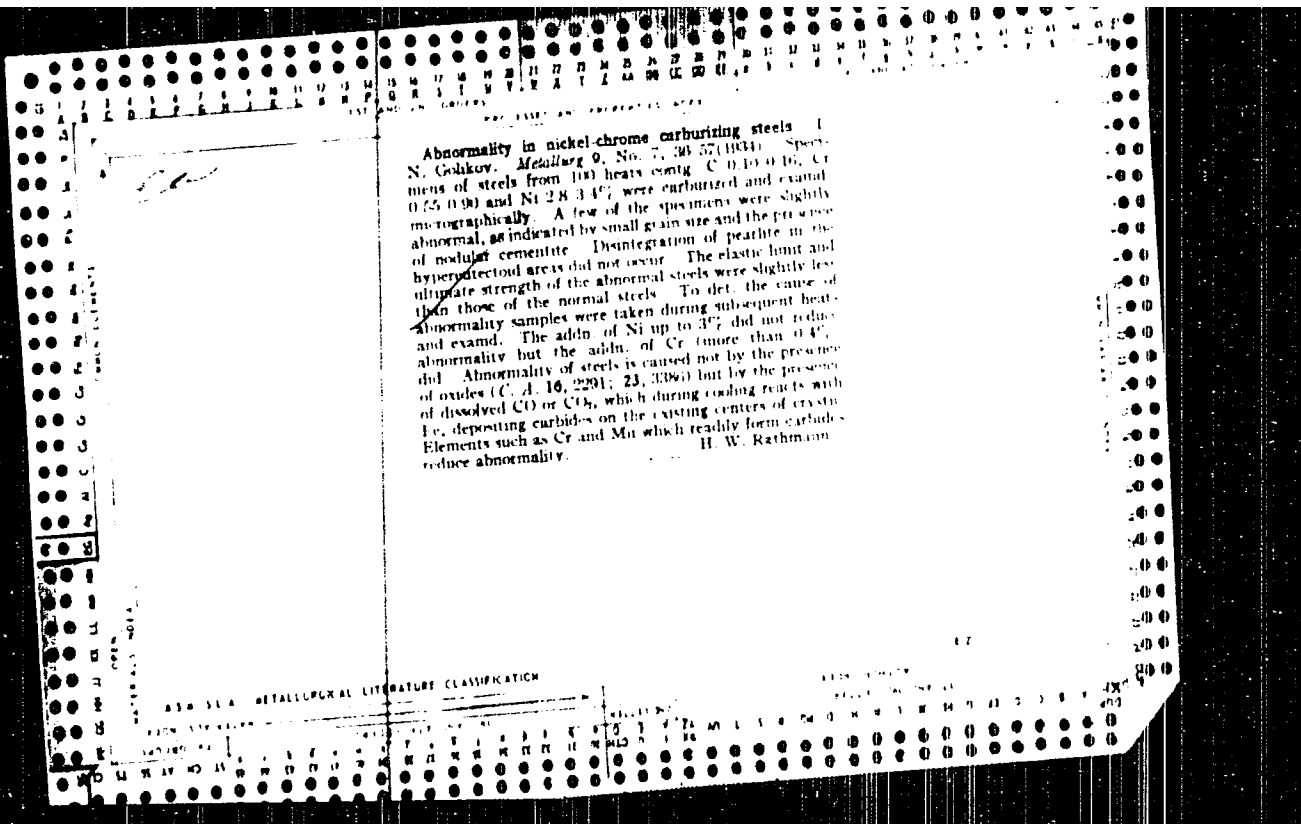
SUB CODE: EG, NP/ SUBM DATE: 22Sep64

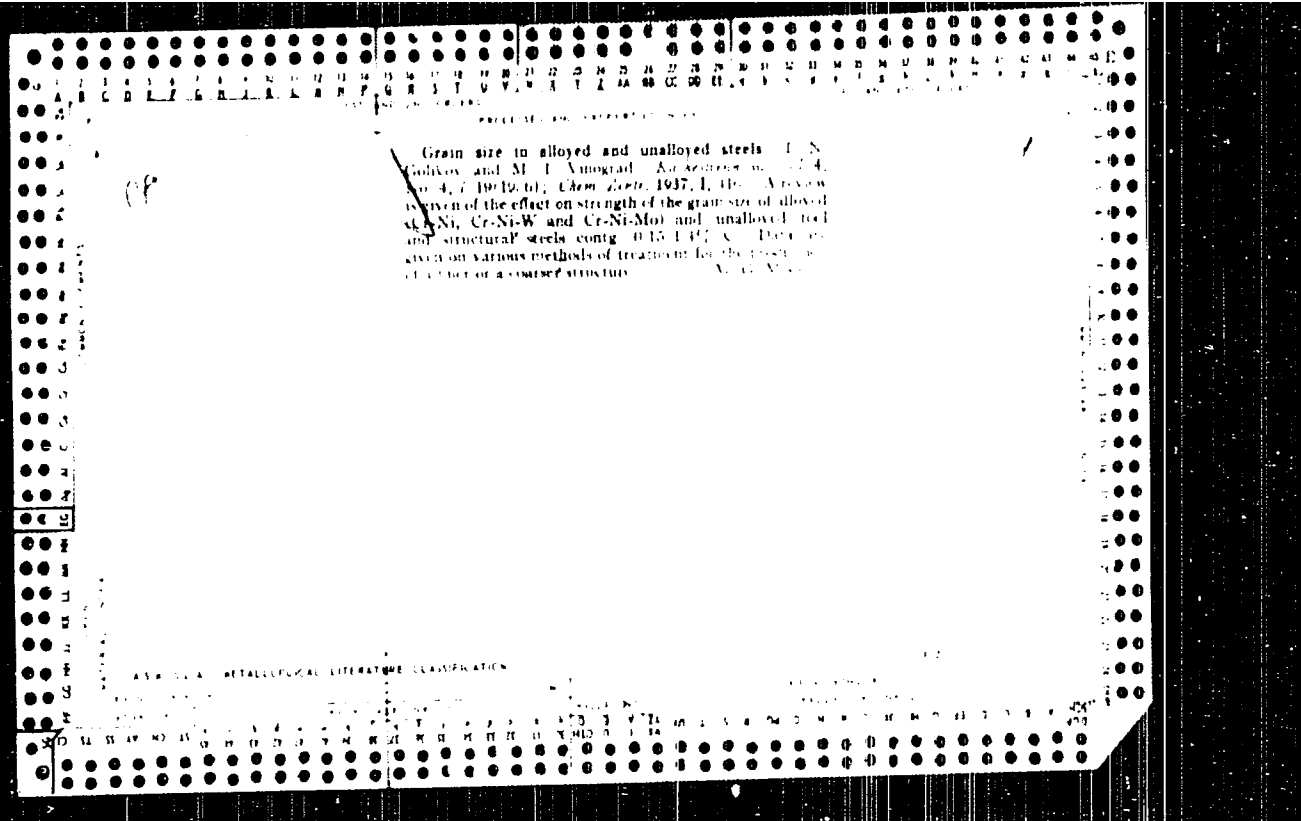
Cord 2/2pw

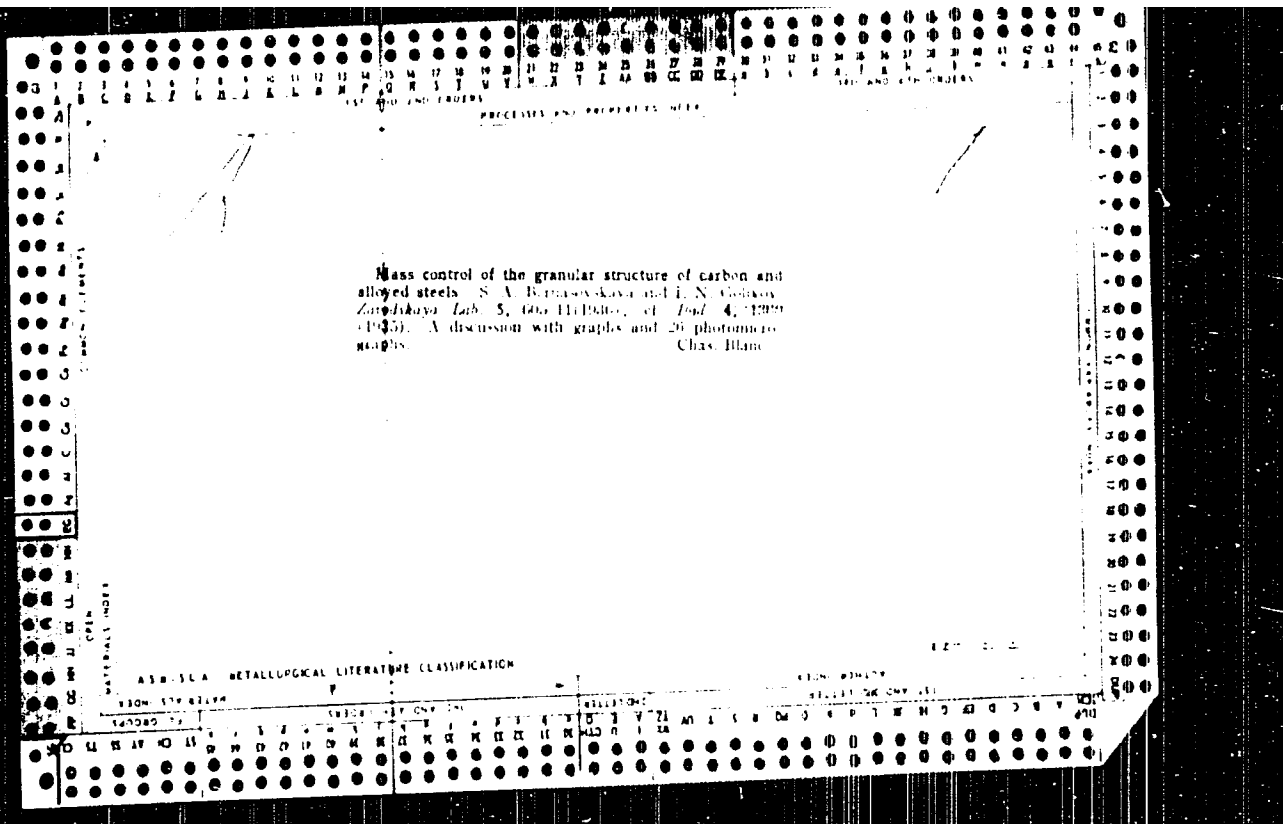
CHERRY, I. I.

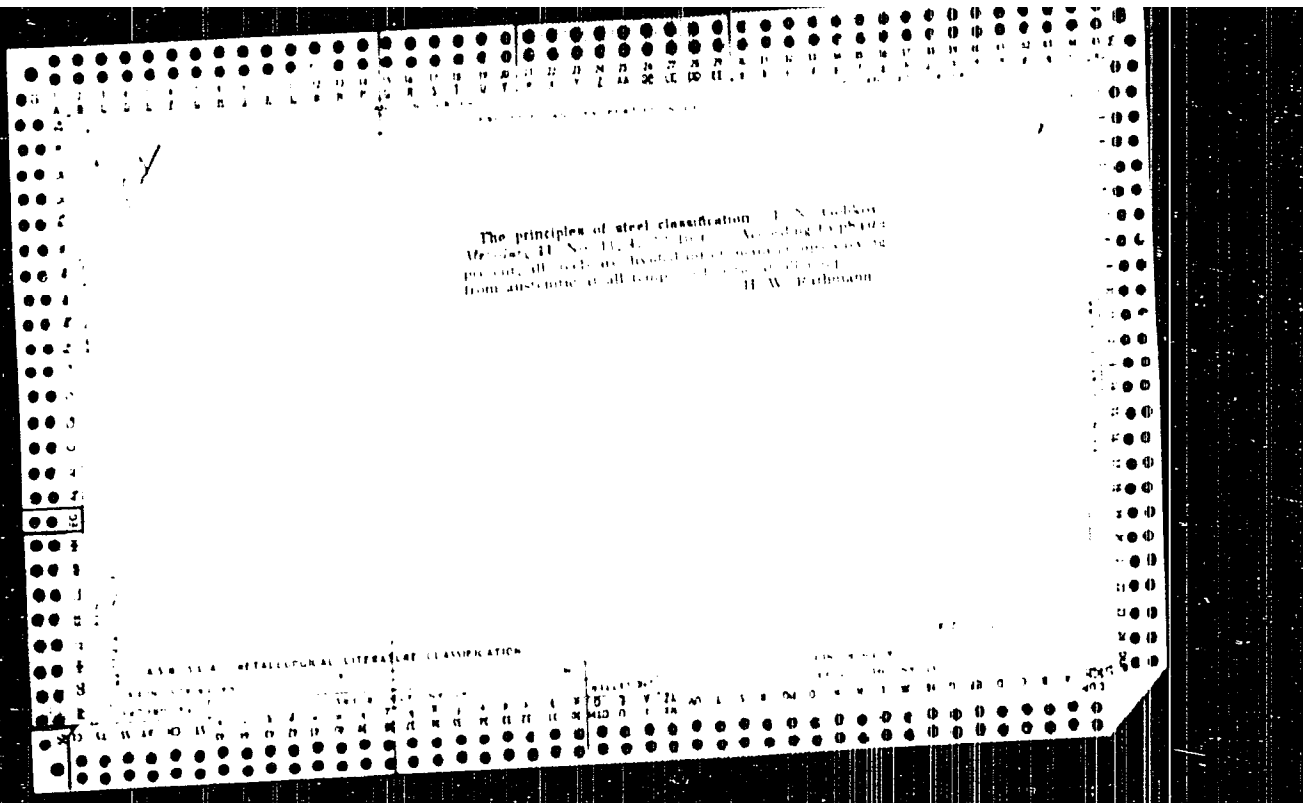
Cherry, I. I. "The Influence of Soil Acidity on the Growth of  
of *Phaseolus vulgaris* L. in Relation to the Soil Acidity and  
Soil Fertility." *Journal of Agricultural Science*, 1954, 93, 1-11.  
Harley, O. L. "The Influence of Soil Acidity on the Growth of  
Phaseolus vulgaris L. in Relation to the Soil Acidity and  
Soil Fertility." *Journal of Agricultural Science*, 1954, 93, 1-11.  
[in Agricultural Science]

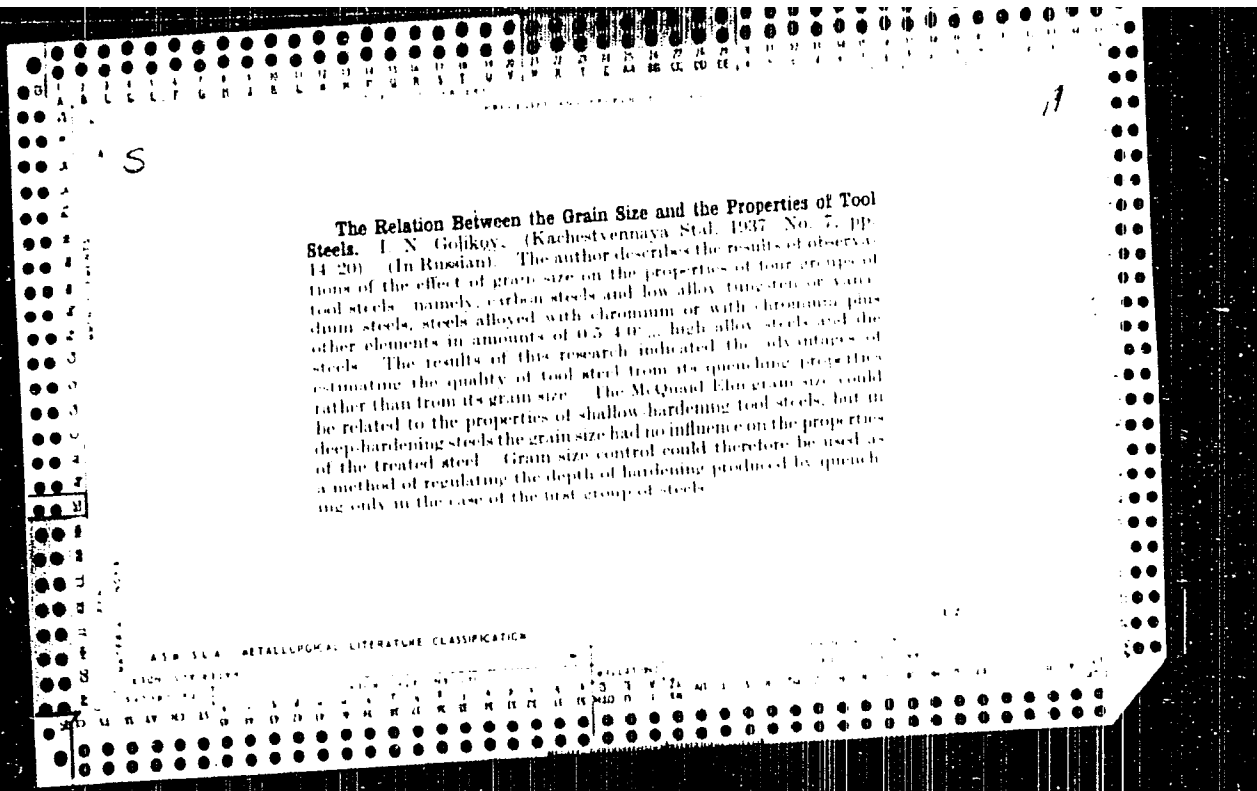
See: Cherry, I. I., No. 1, 1954



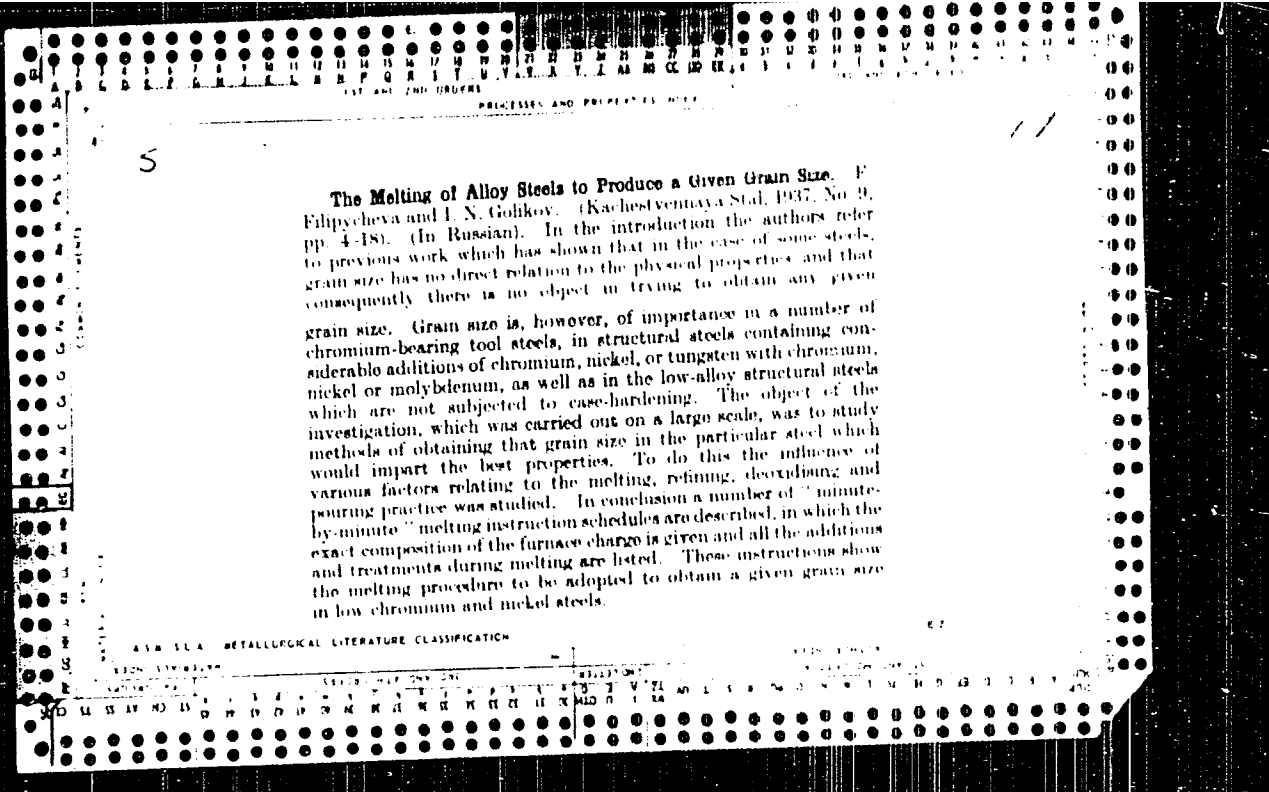


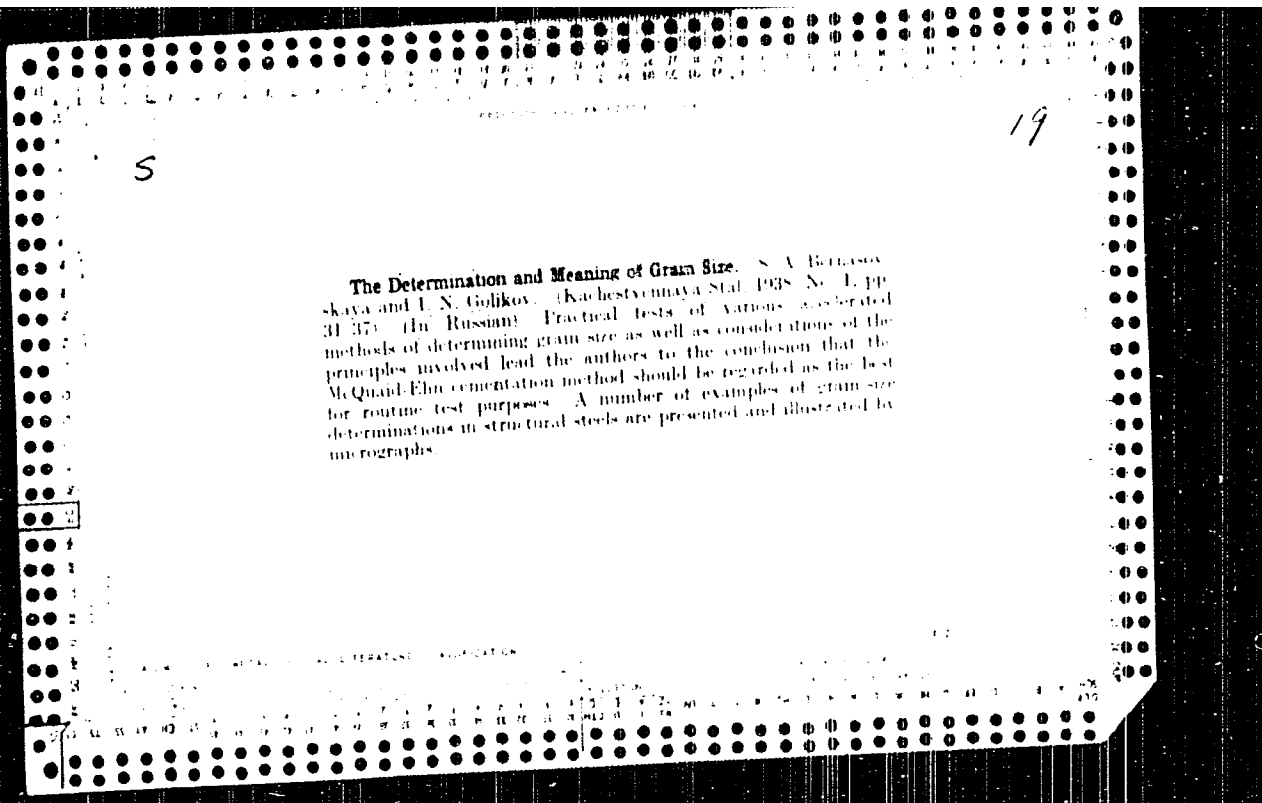


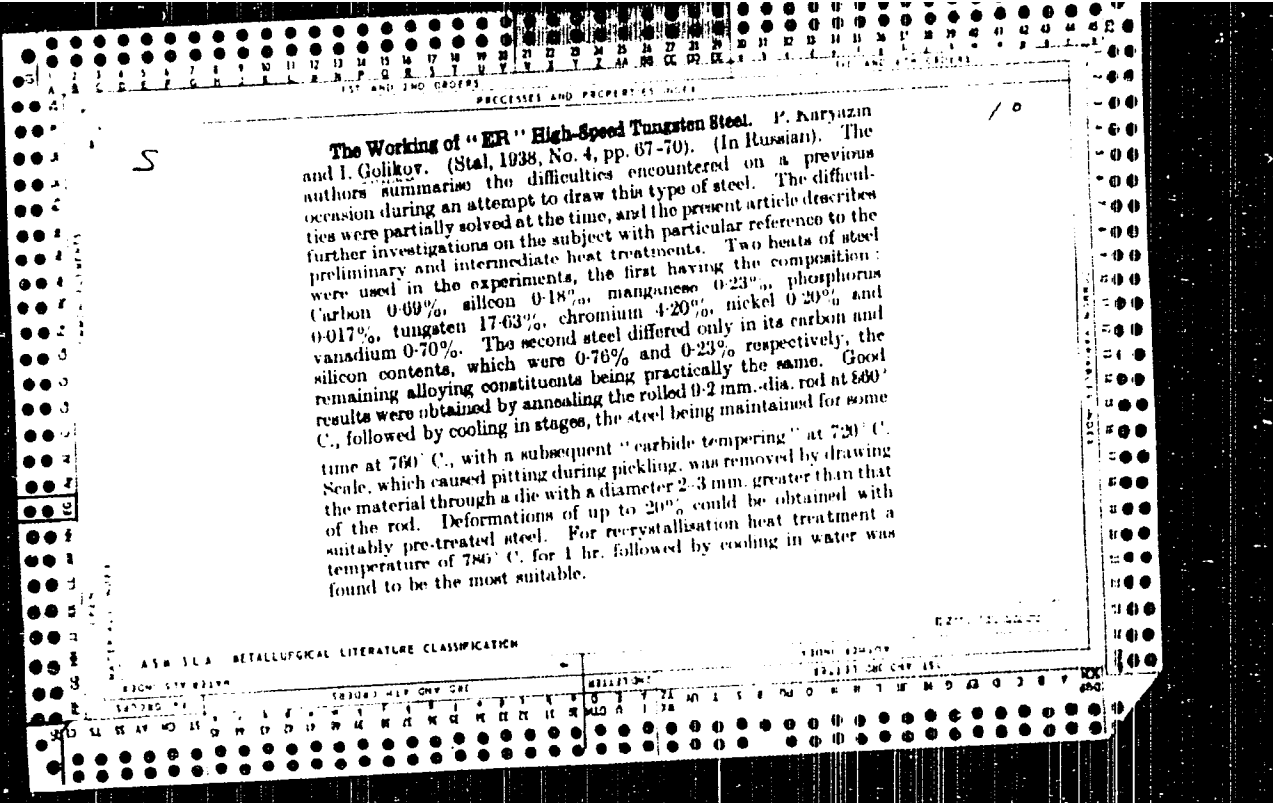


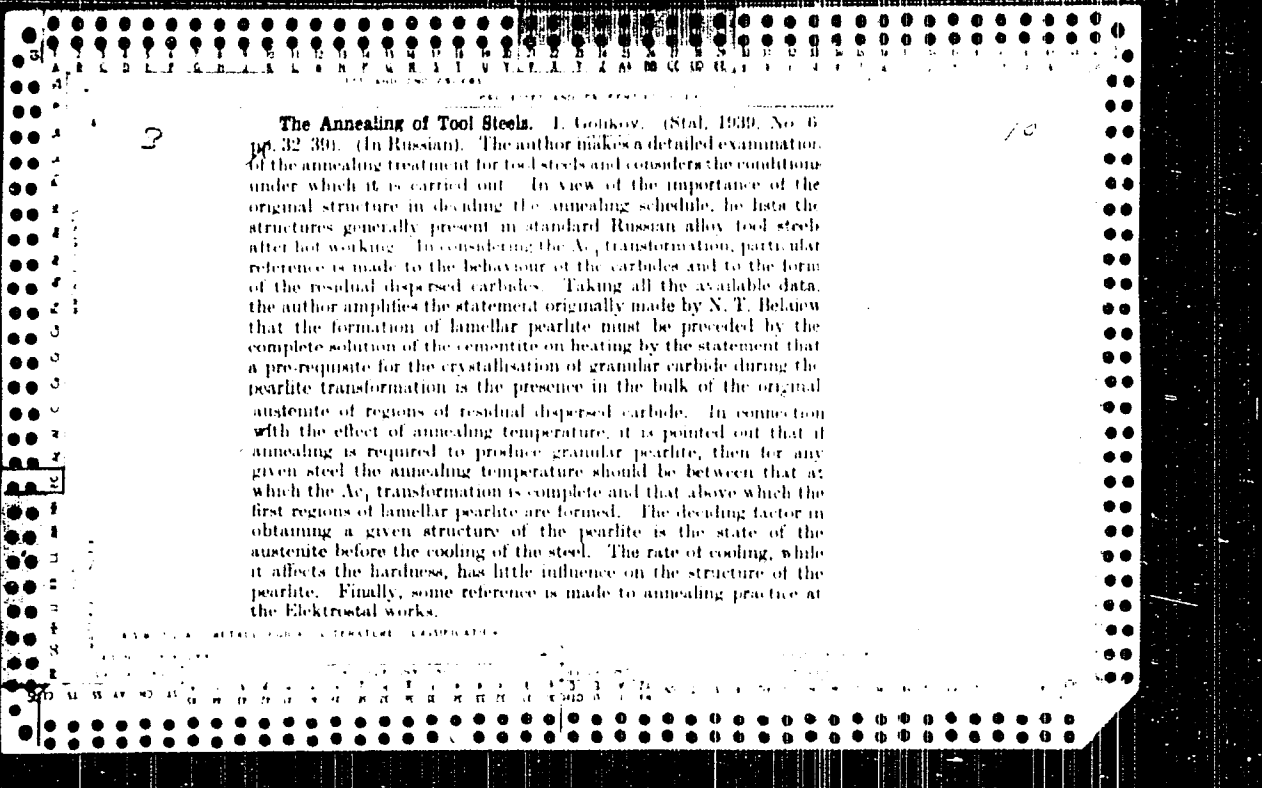












18

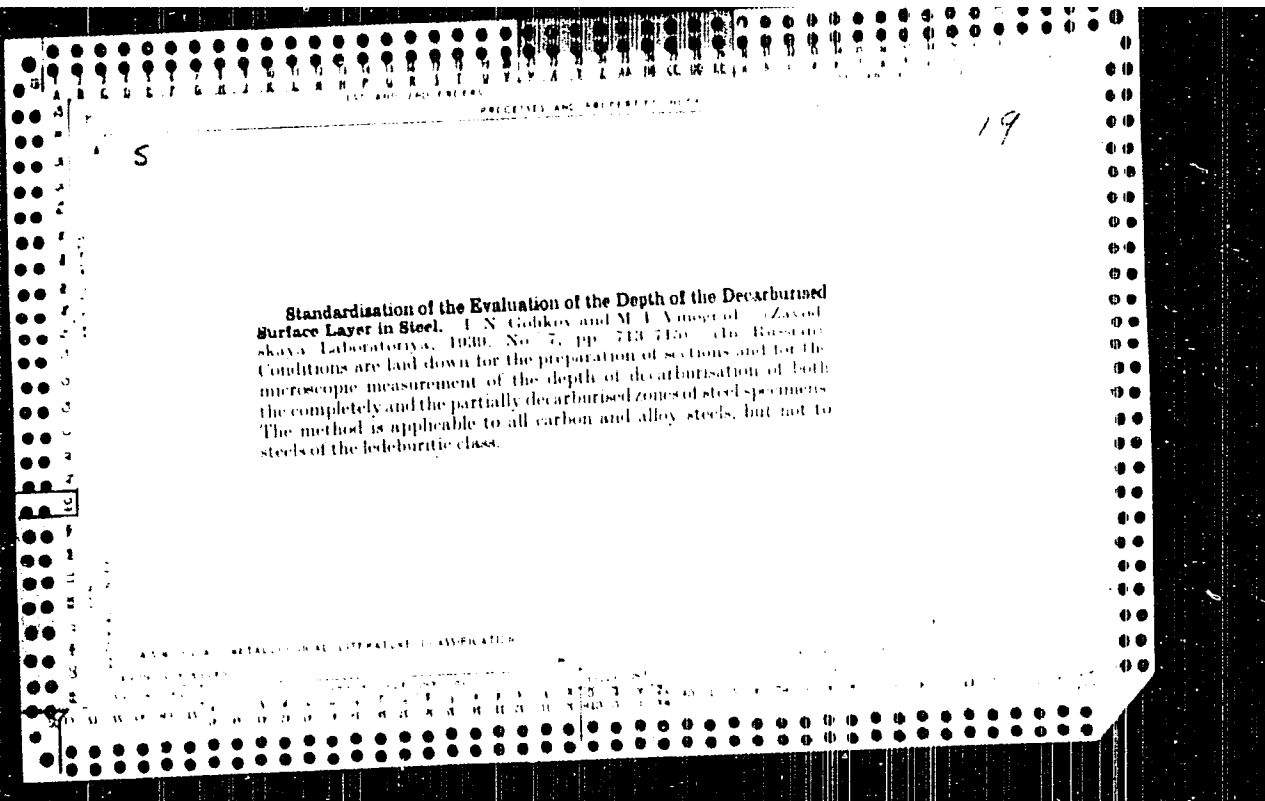
**Causes of "Layer Formation" in the Fracture of Structural Steels.** I Golikov and P Karyazin (Stal, 1939, No 7, pp 44-51) (In Russian). "Layer formation" in the bending and impact fractures of a large number of structural chromium-nickel steels was studied, the results being illustrated by numerous macrographs and micrographs. The influence, in this connection, of various heat treatments was also investigated. The general conclusion arrived at is that the phenomenon of "layer formation" is not the result of any pre-existing defect in the metal, but that it occurs actually during fracture. It is due to differences in the properties of different fibres of the steel. These differences are particularly marked after quenching and after low temperature tempering. As a result of these differences, some of the fibres in bending are still undergoing plastic deformation, while the others are already fractured. This results in one group of fibres slipping over the other and thus gives rise to the characteristic appearance of the fracture. The differences in mechanical properties between the fibres are due to differences in chemical composition, which in turn are caused by primary dendritic heterogeneity.

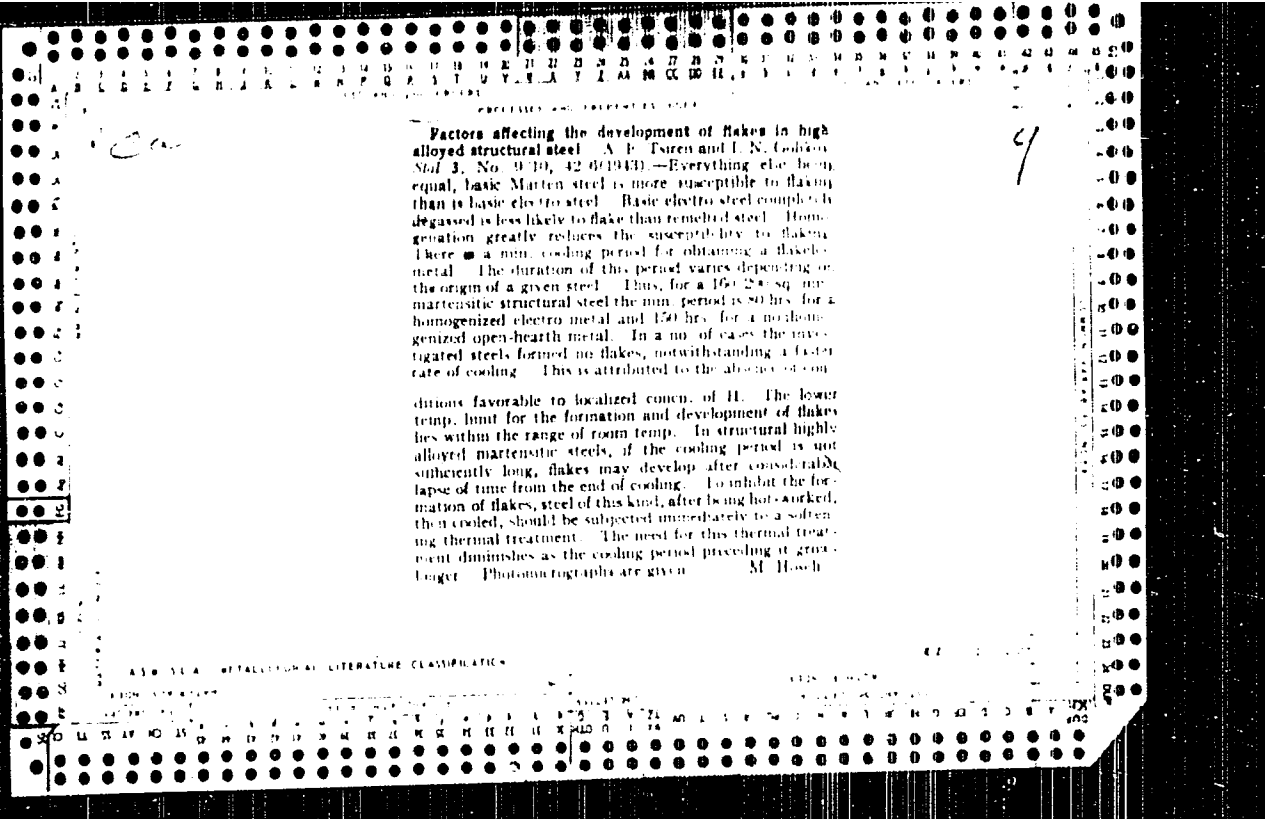
ASB S.L.A. METALLURGICAL LITERATURE CLASSIFICATION

The Standardisation of a Method of Evaluating Non-Metallic Inclusions in Steel. I. N. Golikov and M. I. Vinnogradov. Zavodskaya Laboratoriya, 1979, No. 7, pp. 710-714. (In Russian). Review

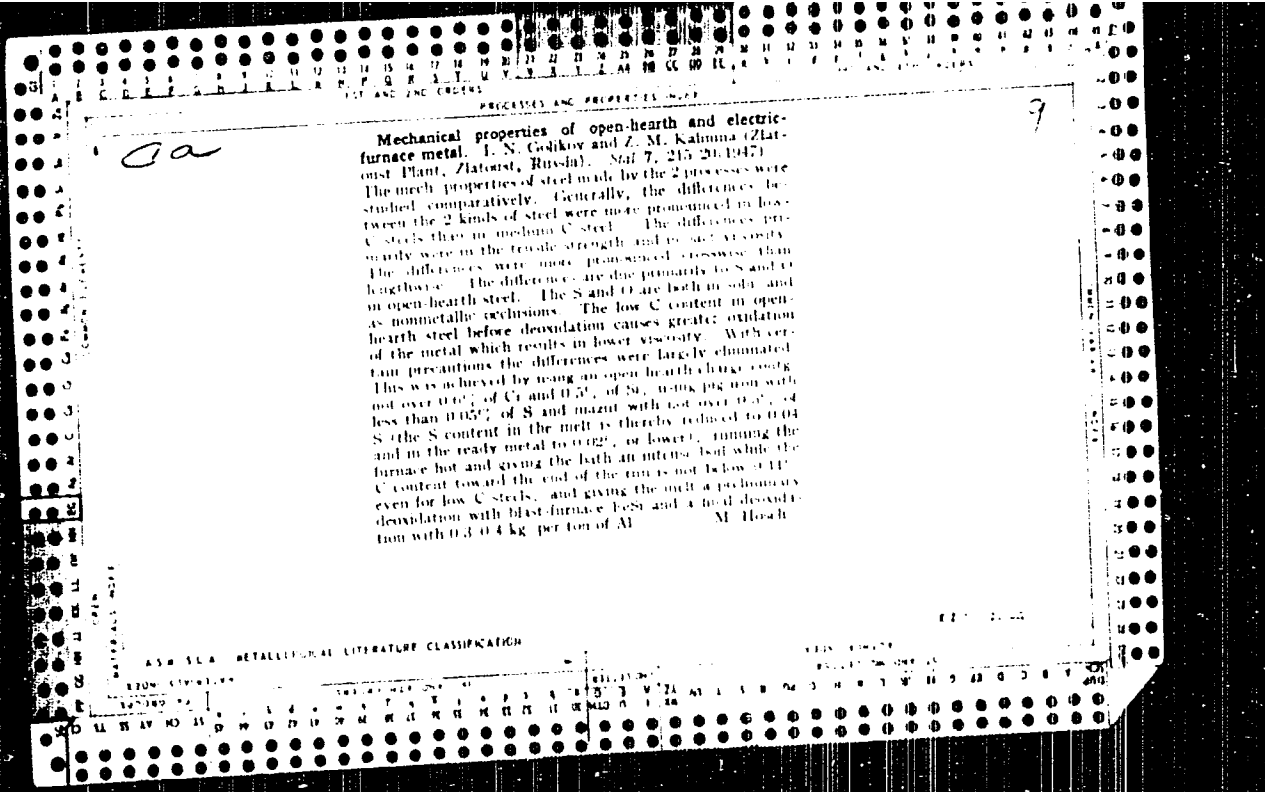
of introduction; the nature of the non-metallic inclusions to be considered is discussed and a brief critical survey is made of the existing "scales" for their evaluation. The scale developed by the authors (which is illustrated) is applicable to wrought, plain, low-alloy and high-alloy structural and tool steels. The scale is divided into three groups covering brittle oxides, sulphides, plastic oxides inclusions and carbides. The first two groups are sub-divided into fine and coarse inclusions, the amount being indicated by a 1 to 5 system of marking. In practice, evaluation may exclude subdivision into fine- and coarse-grained inclusions as the bars are arranged to correspond either to a large number of small, or to an equivalent number of large, inclusions. The surface of the polished section must be in the direction of the grain and the area examined should not be less than 3 sq. cm.

AS & S.A. METALLURGICAL LITERATURE CLASSIFICATION









Determination of the temperature range of the Ac.  
transition in steels. I. N. Golikov. *Zavodskaya Izv.*  
13, 1435 (1947). Specimens of 8 constructional steels  
(primarily Cr and Cr-Ni) were heated in a tube furnace  
with one end of the specimen at the center and the other  
end outside of the furnace. Thermocouples were inserted  
into the specimen at 4 locations and the specimen was  
heated to const. temp., held 6 hrs., and quenched in water.  
Hardness and microstructure were detd. along longitudinal  
axis to det. location and temp. by interpolation of thermocouple  
readings) at which transformation to austenite  
had started. Each percentage of Ni present lowered the  
Ac<sub>1</sub> point 21°. H. W. Rothermel.

137-58-1-661

Translation from: Referativnyy zhurnal. Metallurgiya. 1956. Nr 1, p 163 (USSR)

AUTHOR: Golikov, I. N.

TITLE Modern Methods of Control in Rolling Shops (Sovremennyye metody kontrolya v prokatnykh tsekhakh)

PERIODICAL: Tr. Nauchno-tekhn. o-va chernoy metallurgii. 1956. Vol 10, pp 269-275

ABSTRACT: All control in rolling shops resolves itself fundamentally to the control of the deformation process temperature, the dimensions, and the surface and internal defects in the metal. In accordance with the system that has been adopted at the Zlatoust Iron and Steel Mill, there is conducted, in addition to constant monitoring of the condition of the surface of the finished products on the cooling beds or the pile, regular inspection of samples removed for this purpose in the course of rolling. One or two specimens of each grade and heat are taken, and they are used to monitor the dimensions of the cross section. The major control of the surface is performed during adjustment before cleaning.

Card 1/1

B. Ye.

1. Rolling mills--Control systems

GOLIKOV, I. N.

✓ The evaluation of the extent of martensite transformation in steel by microhardness measurements and by the method of metallography is related to its C content, and is independent of the presence of other alloying elements. This property of martensite was used as a basis for the determination of the extent of transformation in the C distribution in steel. Longitudinal plates were cut from 0.24% C steel, polished, and annealed at 750°C. Samples were etched with the hot ferrite and ferrite dyes, and microsections were ground. In the microsections the total av. C content was determined chemically, and the sections were tempered at a temp. 20-30° higher than the temp. of the ferrite components. The structure consisted of martensite with possibly some residual austenite. The martensite transformation was completed by treating it twice with liquid air, and the microsections were polished. The cold-working distortion was prevented by careful grinding and a final polishing by hand. The dendritic structure was revealed by slight etching. The dendritic structure (each) of Vickers hardness of 2 steel samples were 460 and 480 along the dendrite axis and in the interaxial space in steel 1, with 0.17% and 0.21% C, resp., and 570.5 and 648.7 in the corresponding sections of steel 2, with 0.12% and 0.31% C, resp. The accuracy of the method decreases with higher C content, and should not be used with over 0.45% C. It is recommended for the study of diffusional homogenization processes.

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4520

W. H. S. [Signature]

PHASE I BOOK EXPLOITATION

893

Golikov, Igor' Nikolayevich

Dendritnaya likvatsiya v stali (Dendritic Liqutation in Steel)  
Moscow, Metallurgizdat, 1958. 206 p. 4,200 copies printed.

Ed.: Lebedev, A.I.; Ed. of Publishing House: Golyatkina, A.G.;  
Tech. Ed.: Karasev, A.I.

PURPOSE: This book is intended for engineers and scientific personnel  
in the fields of ferrous metallurgy and machinery manufacture.

COVERAGE: The author describes the basic pattern of development of  
dendritic liqutation during the crystallization of steel. One  
section of the book deals with the quantitative determination of  
the degree of dendritic chemical heterogeneity in the ingot and the  
effect of this phenomenon on manufacturing characteristics of the

Card 1/7

Dendritic Liquefaction in Steel 893

ingot and on final properties of the steel. Considerable attention is devoted to the effect of dendritic liquefaction on the quality of structural and tool steels. Methods of controlling the degree of heterogeneity during the production of ingots are recommended. Experimental data gathered by the author over a period of years at plants producing high-grade metal have been systematized and generalized. According to the author, this book represents the first attempt to generalize the large accumulation of experimental data in this field, previously published piecemeal in technical literature. The author expresses his belief that a more thorough understanding of dendritic liquefaction may lead to new ways of improving the quality of steel. Acknowledgements are made to Ivan Pavlovich Bardin, Academician, and Mikhail Vasil'yevich Pridantsev, Doctor of Technical Sciences, for their suggestions on the preparation of the book. There are 300 references, of which 249 are Soviet, 31 English, 12 German, 7 French, and 1 Swedish.

Card 2/7

133-1-17/24

AUTHORS: Golikov, I.M., Candidate of Technical Sciences, and  
Litvinov, B.M., Engineer.

TITLE: Weldability of Flakes in Alloy Steels During Rolling  
(Zavarivayemost' flokenov v legirovannoy stali pri  
prokatke)

PERIODICAL: Stal', 1968, No.1, pp. 67 - 70 (USSR).

ABSTRACT: In order to prevent the formation of flakes, merchant blooms of structural and tool steels are usually either slow-cooled (during a few days in unfired soaking pits) or submitted to a prolonged thermal treatment. If, on the other hand, blooms are further rolled on the same works, their cooling may be simplified as the flakes formed can be welded in subsequent rolling. This investigation was carried out in order to determine the minimum degree of deformation necessary for the welding of flakes in structural steels. The experimental procedure was as follows: experimental ingots were charged hot into soaking pits, heated in the usual way and rolled on a mill 950 into semis of a cross-section 190-220. From these, one bloom was cut out from the top part of the ingot and without additional heating rolled on a mill 750 to square semis of 125 - 140 mm wide and 3 - 3.5 m long, which were then cooled in air. 20 - 30 days after rolling, a few longitudinal and

Card1/3

133-1-17/24

Weldability of Flakes in Alloy Steels During Rolling

transverse plates were cut out from each of the experimental semis. The following steels were tested: 38XM0A, 30X2H2A, XHM3, 40XHMA, 45XHMA, 60X2M, 60XHM and 30XΓCHA (flakes were absent in these steels), 50XQA, 45X12M, 60C2, 30XΓCHA, 37XH3A (possessed longitudinal flakes), UX15, 9XC and 30XΓCHA (possessed transverse and longitudinal flakes, Fig.1). The influence of cooling semis with water on the orientation of flakes was also checked. In two semis of steels 30XΓCHA and 4XB2C cooled after rolling with water, flakes were not found; in steel 40XH, longitudinal flakes were found and in steel UX15 and 60 XHM - both longitudinal and transverse flakes were found. Transverse flakes were also obtained artificially, stressing rolled warm semis, as shown in Fig.2. In order to investigate the conditions under which flakes are welded, the above semis were cut into 2-3 parts and after heating by an appropriate method for a given steel practice, rolled on mills 750 and 400 with rolls with rhomboidal passes into bars 33 x 33 and 60 x 60 mm (some into bars 120 x 120, 112 x 112 and 105 x 105) which were then slowly cooled and thermally treated in order to prevent the formation of new flakes. A large number of longitudinal and transverse macro-sections were prepared and examined. Examples of sections with open flakes



135-1-17/24

Weldability of Flakes in Alloy Steels During Rolling

are shown in Figs. 4, 5 and 6. Conclusions: 1) Longitudinal flakes and longitudinal sectors of flakes are welded under a small deformation (coefficient of elongation 2-3). 2) Transverse flakes and transverse sectors of flakes open during rolling forming cavities. With further deformation of metal these cavities elongate and close. 3) Transverse flakes of up to 25 mm in size in square semis of the size, 125 - 140 mm weld on rolling into a bar, 40 x 40 mm, thus, the minimum coefficient of elongation necessary to weld such flakes is 10-12. K.M. Petukhova participated in the work. There are 6 figures and 6 Russian references.

ASSOCIATION: Zlatoust Metallurgical Works (Zlatoustovskiy metallurgicheskiy zavod)

AVAILABLE: Library of Congress  
card 3/3

26579  
S/129/61/000/008/012/015  
E111/E335

94.2900 1

AUTHORS: Molotilov, B.V., Engineer and Golikov, I.N., Doctor  
of Technical Sciences

TITLE: Influence of Non-metallic Inclusions on the  
Structure of Magnetically-soft materials

PERIODICAL: Metallovedeniye i termicheskaya obrabotka metallov,  
1961, No. 8, pp. 46 - 51

TEXT: The presence of nonmetallic inclusions or other  
finely-dispersed phases in alloys leads to considerable  
reduction in permeability and an increase in the coercive force.  
Kondorskiy (Ref. 4 - Dokl. Akad. nauk SSSR, Vol. 63, 1948) has  
linked coercive force with the number and size of nonmetallic  
inclusions and it has been shown (Ref. 5 - Ya.S. Shur,  
V.R. Abel's - Fizika metallov i metallovedeniye, 1955, Vol. 1,  
No. 1) that the inclusions "fix" domain boundaries, whose  
further movement then requires additional energy. The authors  
have investigated some new cases of interaction between  
inclusions and domain structure of magnetically-soft materials  
consisting of iron-silicon alloys with the following final

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Influence of ....

range of impurities: 0.005-0.010% C, 0.05 - 0.07% Mn, 0.007-0.015% S, 0.002-0.004% P, 0.15-0.18% Cu, 0.01-0.03% Al and traces Cr. The alloys were re-oxidation-melted from commercial-purity iron and crystalline silicon. The ingots were forged and then rolled (500 °C) to a thickness of 0.55 mm. Heat-treatment consisted of vacuum-annealing at 1400 °C for 4 hours and cooling at 50 °C/hour. The silicon contents and magnetic properties (after heat-treatment) are shown in the table. The domain structure was observed by the magnetic-suspension method (Ref. 6 - W. Elmore - Phys. Rev., 1938, Vol. 54) on 10-12 mm diameter discs cut from coarse grains whose surface coincided to an accuracy of 2-3° with the (110) plane. With alloys having up to and including 7.0% Si, the zone disturbed by inclusions had the form of two triangles lying on either side of the inclusion along the direction of easy magnetization; with the 7.5% Si alloy the triangles are perpendicular to this direction. Numerous observations convinced the authors that the inclusions are surrounded by a strained zone due to a difference in the values of the coefficient of expansion; the stresses on

Card 2/6

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influence of ...

the metal can be calculated (Ref. 1 - L.S. Moroz - Strengthening of carbon-free Iron Alloys During Phase Transformation, Metallurgizdat, 1951)

With the aid of a simple model and ... the magnitude of the critical value of the stress for ... structure rearrangement, the size of the ... inclusions is calculated. For the alloys with positive magnetostriction the ... geometric structure must lie along the ... direction of the crystal (Fig. 4, lefthand side). For alloys with ... magnetostriction the ... directions are reversed (Fig. 4, righthand side). ... calculation, allowing for the ... of the inclusions on the ... exact picture of the geometry of the ... agrees well with the observed effects. ... experiments show the harmful effect of ... inclusions, which are ... their own size. The critical ... alloy becomes magnetostrictive ...

