

ODINTSOV, Anatoliy Alekseyevich; RYABOV, B.A., prof., retsenzent;  
NIKITIN, Ye.A., dots., retsenzent; SHESTOV, S.A., assist.,  
retsenzent; SAYDOV, P.I., prof., red.; KHRUSTALEVA, N.I.,  
red. izd-va; MURASHOVA, V.A., tekhn. red.

[Design of electrical elements of gyroscopic devices] Pro-  
ektirovaniye elektroelementov giroskopicheskikh ustroystv.  
Moskva, Vysshaya shkola, 1962. 190 p. (MIRA 15:12)  
(Gyroscope)

SAYDOV, Pavel Ivanovich, prof.; SOLOV'YEV, M.V.; ODINTSOV, A.A.;  
KELAREV, L.A., tekhn. red.

[Practical work in a gyroscopic laboratory; textbook for  
laboratory work] Prakticheskie zaniatia v giroskopicheskoi  
laboratorii; posobie k laboratornym rabotam. Pod red. P.I.  
Saidova. Leningrad, Leningr. elektrotekhn. in-t im. V.I.Ul'-  
ianova (Lenina). 1962. 121 p. (MIRA 15:5)  
(Gyroscope)

ODINTSOV, A.A., kand. tekhn. nauk, dotsent

Design of precision hydraulic tachometers. Izv. LETI no. 45:175-189  
"61. (MIRA 16:5)

(Tachometer)

On the sensitivity ...

32973  
S/146/61/004/006/019/020  
D221/D301

is deduced from which it follows that the sensitivity depends on the height  $d$ , but is independent of the number of series-connected plates. The conclusion of the increased output voltage with electric series connection seems to originate from the erroneous analogy with galvanic elements; the elements of a piezo-transducer are sources of an electric field and not of voltage, as can be seen from Eq. (1) for the case of an open transducer. It is then possible to assume  $D = 0$ . This article was recommended by the Kafedra giroskopicheskikh ustroystv (Department of Gyroscopic Devices). There are 1 figure and 4 Soviet-bloc references.

ASSOCIATION: Leningradskiy elektrotekhnicheskiy institut im. V.I. Ul'yanova (Lenina) (Leningrad Electrotechnical Institute im. V. I. Ul'yanov (Lenin))

SUBMITTED: September 16, 1960

Card 3/3

32973  
S/146/61/004/006/019/020  
D221/D301

On the sensitivity ...

deformation; E and D are the potentials of the electric field and the induction;  $c^D$  is the elastic modulus of an open crystal;  $\epsilon^e$  is the dielectric constant of the clamped crystal and f is the piezo-electric constant. The secondary phenomena are not considered, and, therefore, the tensor forms of the equations are excluded. It is assumed that the mechanical stress, deformation and electrical field are uniform. Consequently,  $\sigma = \frac{F}{ab}$ ,  $E = \frac{U}{sm}$  and  $D = \frac{4\pi}{ab} q$  where  $m = \frac{d}{s}$  is the number of plates in the transducer that are connected in series, U and q are the electric potential and charge on the plates. Taking into account the dielectric constant of the free crystal  $\epsilon^6$  and the relation  $pq = -U/z$ ,

$$\frac{U}{F} = \frac{df}{abc^D} \cdot \frac{1}{1 + \frac{4\pi d}{ab\epsilon^6 pz}} \quad (6a)$$

Card 2/3

9.2180 (1063, 1142, 1144)

32973  
S/146/61/004/006/019/020  
D221/D301

AUTHOR: Odintsov, A. A.

TITLE: On the sensitivity of piezo-electric transducers

PERIODICAL: Izvestiya vysshikh uchebnykh zavedeniy. Priborostro-  
yeniye, v. 4, no. 6, 1961, 151-153

TEXT: The author demonstrates that there is no increase in the  
sensitivity of a transducer when its plates are connected in se-  
ries. The equations of a piezoelectric transducer are

$$\left. \begin{aligned} \sigma &= c^D e + \frac{f}{4\pi} D \\ E &= f e + \frac{1}{\epsilon^e} D \end{aligned} \right\} \quad (1)$$

where  $\sigma$  and  $e$  are the mechanical stress and the relative mechanical  
Card 1/3

Two-component piezoelectric ...

27970  
S/194/61/000/004/001/050  
D249/D302

directivity. 3 figures and 5 references. [Abstracter's note: Com  
plete translation.] #

Card 2/2

27970  
S/194/61/000/004/001/052  
D249/D302

13,2530

AUTHOR: Odintsov, A.A.  
TITLE: Two-component piezoelectric accelerometer for measuring slow-changing accelerations  
PERIODICAL: Referativnyy zhurnal. Avtomatika i radioelektronika, no. 4, 1961, 12, abstract 4 A78 (Izv. Leningr. elektrotekhn. in-ta, v. 39, 1959, 140-147)

TEXT: For these measurements a method is suggested, in which the slow changing inertia force acting on the moving system of the accelerometer is converted into a force alternating with a suitably high constant frequency. The circuit diagram of the accelerometer based on this method is given and conditions are determined for which maximum sensitivity occurs. It is shown that the sensitivity of a piezoelectric system comprising a number of series-connected plates is the same as that of a single-crystal unit of similar dimensions; the connection of plates in series does not result in increased

Card 1/2

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ODISHVILI, Georgiy Yasonovich; ABAKELIYA, TS.M., red.

[Some functional and morphological changes in the stomach following extensive resection of the small intestine] Nekotorye funktsional'nye i morfologicheskie izmeneniia zheludka posle obshirnoi rezektsii tonkogo kishechnika, Tbilisi, Izd-vo "Metsniereba," 1964. 155 p. (MIRA 17:12)

BARANSKIY, A.D.; POLYAKOVA, V.A.; ODINTSEV, N.F.

Application of the method of coal separation into fractions for  
the study of Irkutsk coals rich in sulfur. Izv. Fiz.-khim.  
nauch.-issl. inst. Irk. un. 5 no.1:13-27 '61. (MIRA 16:8)

(Irkutsk Basin--Coal--Analysis)  
(Sulfur compounds)

ODINTSEV, ARKADY STEPANOVICH

N/S  
615.4  
.08

CHEMNAYA METALLURGIYA SSSR NA NOVOM POD'YEME. (FERROUS METALLURGY IN THE USSR  
REACHES NEW HEIGHTS.) MOSKVA, METALLURGI ZDAT, 1958.  
72 P. TABLES.  
BIBLIOGRAPHICAL FOOTNOTES.

ILLEGIBLE

ILLEGIBLE



TOPICS: Ionizing radiation, electron concentration, ionosphere, solar  
activity, cosmic rays

ABSTRACT: A study of the VLF-profile at heights of 100-200 km showed a significant in-  
crease in electron concentration of the F<sub>2</sub> and E-layer layers of the ionosphere during a  
burst. At heights of 30-40 km, no noticeable increase in electron concentration was  
detected. Ionospheric data from the Moscow station were used. The equation

$$N_p = N_0 \exp(-h/h_0)$$

was used to calculate parameter changes of the moment of maximum effect of ion  
concentration during burst, yielding the data as shown in Table 1 of the Enclosure. On the

Cont. 1/4





KLYACHKO, A.L., inzh.; ODINOV, M.I., inzh.; GLUKHOVSKIY, K.A.,  
kand. tekhn. nauk, inzh., red.; GVOZDEV, A.A., doktor  
tekhn. nauk, prof., red.; GORENSHTEYN, B.V., kand.  
tekhn. nauk, red.; KOSTYUKOVSKIY, M.G., kand. tekhn.  
nauk, red.; KHYLOV, N.A., doktor tekhn. nauk, red.;  
KUREK, N.M., kand. tekhn. nauk, red.; LEVINSKIY, L.G.,  
inzh., red.; LOBANOV, N.D., inzh., red.; MOROZOV, A.P.,  
inzh., red.; ONIASHVILI, O.D., doktor tekhn. nauk, prof.,  
red.; SAKHNOVSKIY, K.V., doktor tekhn. nauk, prof., red.;  
FILIN, A.P., doktor tekhn. nauk, prof., red.; YEFIMOV,  
A.D., inzh., nauchn. red.

[Three-dimensional structural elements in the U.S.S.R.;  
materials of the All-Union Conference on Precast  
Reinforced Concrete Three-Dimensional Elements held in  
November 13-17, 1962 in Leningrad] Prostranstvennye kon-  
struktsii v SSSR; po materialam pervogo Vsesoiuznogo so-  
veshchaniia po sbornym zhelezobetonnyim prostranstvennym  
konstruktsiiam, sostoivshegosia 13-17 noiabria 1962 g.  
v Leningrade. Leningrad, Stroiizdat, 1964. 461 p.

(MIRA 17:11)

1. Nauchno-tekhicheskoye obshchestvo stroitel'noy indu-  
strii SSSR. Leningradskoye otdeleniye.

ODINOV, David Emmanuilovich; LIKHTEN, M.Ya., red.

[Surgery by the outpatient physician] Khirurgia ambu-  
latornogo vracha. Moskva, Meditsina, 1965. 390 p.  
(MIRA 18:2)

*ODINOKOVA, Ye. A.*

BELOKOPYTOVA, Ye. V.; ZAYTSEVA, Ye. D.; IVANOVA, V. I.; KUCHERENKO, A. A.;  
OVCHINNIKOVA, L. N.; ODINOKOVA, Ye. A.; SHCHUKIN, N. M.;  
BELOVA, K. F.; SOSKOVA, M. S.; DEMIN, P. M., red.; TYLIKIN, M. N., red.;  
PULIN, L. I., tekhn. red.

[Economy of Tula Province; a statistical manual] Narodnoe khoziaistvo  
Tul'skoi oblasti; statisticheskii sbornik. [Tula] Tul'skoe knizhnoe  
izd-vo, 1958. 215 p. (MIRA 11:8)

1. Tula (Province). Statisticheskoye upravleniye.  
(Tula Province---Statistics)

MAKHOV, N.I., prof.; ODINOKOVA, V.A.

Hepatoadenomas and their surgical treatment. *Khirurgiya* 41 no.4:  
81-85 Ap '65. (MIRA 18:5)

1. I Khirurgicheskaya klinika (zav. - prof. N.I. Makhov) i pato-  
morfologicheskii otdel (zav. - prof. A.P. Avtsyn) Moskovskogo  
oblastnogo nauchno-issledovatel'skogo klinicheskogo instituta  
imeni Vladimirskego.

ODINOKOVA, V.A.; KAZANTSEVA, I.A. (Moskva)

Granulomatous thromboangiitis. Arkh. pat. 27 no. 12:66-68  
'65. (MIRA 18:12)

1. Patologoanatomicheskiy otdel (zav. - deystvitel'nyy chlen  
AMN SSSR prof. A.P. Avtsyn) Moskovskogo oblastnogo nauchno-issle-  
dovatel'skogo klinicheskogo instituta imeni Vladimirskego.  
Submitted Dec. 25, 1964.

OLEVSKIY, M.I. [deceased]; GAL'PERIN, Yu.M.; ODINOKOVA, V.A.

Changes in the liver in experimentally induced pathological processes  
in the spleen. *Biul. eksp. biol. i med.* 57 no.4:123-127 Ap '64.

(MIRA 18:3)

1. Detskaya klinika (zav. - prof. M. I. Olevskiy [deceased]), patofiziologicheskii otdel (zav. - kand. med. nauk Yu. M. Gal'perin) i patologoanatomicheskii otdel (zav. - chlen-korrespondent AMN SSSR prof. A. P. Avtsyn) Moskovskogo oblastnogo nauchno-issledovatel'skogo klinicheskogo instituta imeni Vladimirovskogo (dir. - kand. med. nauk P. M. Leonenko), Institut morfologii cheloveka (dir. - chlen-korrespondent AMN SSSR prof. A. P. Avtsyn) AMN SSSR, Moskva. Submitted March 18, 1963.

ODINOKOVA, V.A.; ZDOR, L.S. (Moskva)

Mander's disease. Arkh. pat. 26 no.9:63-66 '64.

(MIRA 38...)

1. Patologoanatomicheskiy otdel (zav. - chlen-korrespondent AMN  
SSSR prof. L.P.Avtsya) i 1-ya khirurgicheskaya klinika (zav. -  
prof. N.I.Maknov) Moskovskogo oblastiogo nauchno-issledovatel's-  
skogo klinicheskogo instituta imeni Vladimirovskogo.

ODINOKOVA, V.A. ; KALININ, A.P. (Moskva)

Hurthle cell tumors of the thyroid gland. Arkh. pat. 26 no.4:41-45  
'64. (MIRA 18:7)

1. Patologoanatomicheskiy otdel (zav. - chlen-korrespondent AMN SSSR  
prof. A.P.Avtseyn) Moskovskogo oblastnogo nauchno-issledovatel'skogo  
klinicheskogo instituta imeni Vladimirovskogo i khirurgicheskoye  
otdeleniye (zav. - prof. O.V.Nikolayev) Vsesoyuznogo instituta  
eksperimental'noy endokrinologii.



OLEVSKIY, M.I.; MARCHENKO, V.I.; ODINOKOVA, V.A.; GAL'PERIN, Yu.M.

Immunological method for the reproduction of an experimental  
hepatolienal syndrome in rabbits. *Izv. vuzov. ser. med. nauki. Ser. fiziol. i eksp. terap.*  
8 no. 5:85-87 S-O '64. (MIRA 12:12)

1. Moskovskiy oblastnoy nauchno-issledovatel'skiy klinicheskiy  
institut. Submitted May 29, 1963.

TRAVINIKOVA, G.F.; ODINOROVA, V.A.

Epithelial sarcoma of the ureter. *Problemy onkologii*, 1977, 26, 1, 1-4.

I. Onkologicheskaya shkola (adv. prof. A.Ya. Gurev) i patoanatomicheskij tsentr (adv. chlen-korrespondent AN SSSR prof. A.B. Kolesov) doklady skolskogo nauchnogo kolektiva vvedeniye i sbornik nauchnykh i klinicheskikh rabot. M.: Meditsina, 1977.

ARUTYUNOV, V.Ya., prof.; KHAVCHENKO, A.A., doktor med. nauk; ODINOKOVA, V.A.,  
kand. med. nauk

Wegener's syndrome. Vest. dermat. i ven. 37 no.5:30-35 My 1963.  
(MIRA 17:5)

1. Klinika kozhnykh i venericheskikh bolezney (dir. - prof. V.Ya. Arutyunov) otolaringologicheskaya klinika (dir. - zasluzhennyy deyatel' nauki prof. I.Ye. Sendul'skiy) i patomorfologicheskii otdel (zav. - chlen-korrespondent AMN SSSR prof. I.P. Avtsyn) Moskovskogo oblastnogo nauchno-issledovatel'skogo klinicheskogo instituta imeni M.F. Vladimirovskogo (dir. - zasluzhennyy vrach P.M. Leonenko).

STEPANOVA, M.N., kand.med.nauk; ODINOKOVA, V.A., kand.med.nauk

Two cases of giant tumors of the thymus gland in children.  
Pediatria 42 no.1:62-63 Ja'63. (MIRA 16:10)

1. Iz 2-y khirurgicheskoy kliniki (zav. - prof. Ya.G.Dubrov)  
i patologeanatomicheskogo otdela (ispolnyayushchiy obyazan-  
nosti zaveduyushchego A.A.Naumova) Moskovskogo oblastnogo  
nauchno-issledovatel'skogo klinicheskogo instituta imeni  
M.F.Vladimirskogo (dir. P.M.Leonenko).  
(THYMUS GLAND—TUMORS) (CHILDREN—DISEASES)

GRACHEVA, K.P., kand. med. nauk; ODINKOVA, V.A. (Moskva)

Adrenal pathology in thyrotoxicosis. Probl. endok. i gorm. 9  
no.5#71-74 S-0'63 (MIRA 16:12)

1. Iz -l-y khirurgicheskoy kliniki (zav. - prof. N.I.Makhov)  
i patologoanatomicheskogo otdela (zav. - chlen-korrespondent  
AMN SSSR prof. A.P.Artsyn) Moskovskogo oblastnogo nauchno-  
issledovatel'skogo klinicheskogo instituta imeni M.F.Vladimir-  
skogo (dir. P.M.Leonenko).

IVANOV, A.S.; ODINOKOVA, V.A., kand. med. nauk

Hashimoto's disease. Probl. endokr. gormonoter. 9 no.4:100-102  
Jl-Ag'63 (MIRA 17:1)

1. Iz Khot'kovskoy bol'nitsy (glavnyy vrach A.Z. Gasanov) i  
patologoanatomicheskogo otdela (zav. A.A. Naumova) Moskov-  
skogo oblastnogo nauchno-issledovatel'skogo klinicheskogo in-  
stituta.

STEPANOVA, M.N., kand.med.nauk; ODINOKOVA, V.A., kand.med.nauk (Moskva,  
Poltevsckaya ul., d.38/25, korp.2, kv.17)

Artesia of the biliary tract in infants. Vest.khir. 89 no.11:  
100-107 N 62. (MIRA 16:2)

1. Iz Moskovskogo oblastnogo nauchno-issledovatel'skogo klini-  
cheskogo instituta (dir. - P.M. Leonenko), khirurgicheskoy i  
detskoy kliniki (zav. - prof. Ya.G. Dubrov i prof. M.I. Olevskiy)  
i patologoanatomicheskogo otdela (zav. - prof. S.B. Vaynberg).  
(BILIARY TRACT--ABNORMITIES AND DEFORMITIES)  
(INFANTS--DISEASES)

PODUSHKO, T.A.; GDINOKOVA, V.A.

Unusual course of acute leukemia. Probl. gemat. i perel. krovi  
no.10:56-58 '62. (MIRA 17:12)

1. Iz 1-y terapevticheskoy kliniki (zav. - doktor med. nauk  
M.G. Malkina) i patomorfologicheskogo otdela (zav. A.A. Naumov)  
Moskovskogo oblasnogo nauchno-issledovatel'skogo klinicheskogo  
instituta imeni M.F. Vladimirovskogo.



ZLATKINA, A. R., kand. med. nauk; ODINKOVA, V. A., kand. med. nauk

Ectopic chorioepithelioma of the pulmonary vessels. Akush. i gin. 38 no.3:128-129 My-Je '62. (MIRA 15:6)

1. Iz 1-y terapevticheskoy kliniki (zav. - doktor meditsinskikh nauk M. G. Malkina) i patologoanatomicheskogo otdela (zav. - A. A. Naumova), Moskovskiy oblastnoy nauchno-issledovatel'skogo klinicheskogo instituta.

(LUNGS---CANCER)

KLODNITSKAYA, S.N., kand. med. nauk; MAKIYEVSKAYA, S. Ye.; ODINKOVA, V.A.:  
PASECHNIK, S.A.

Nonspecific ulcerative colitis. Sov. med. 26 no.11:51-56 N'62  
(MIRA 17:3)

1. Iz 1-y terapevticheskoy kliniki ( zav. - doktor med. nauk  
M.G. Malkina), bakteriologicheskoy laboratorii ( zav. - S.N.  
Klodnitskaya) i patologoanatomicheskogo otdela ( zav. - kand.  
med. nauk A.A. Naumova) Moskovskogo oblastnogo nauchno-issle-  
dovatel'skogo klinicheskogo instituta imeni M.F. Vladimirovskogo.

STEPANOVA, M. N.; CHINOKOVA, V. A.

Tumors in children; according to data of the Moscow Province  
Scientific Clinical Research Institute from 1951-1960. Vop. onk.  
8 no. 1:33-38 '62. (MIRA 15:2)

1. Iz detskogo khirurgicheskogo otdeleniya (zav. - st. nauch.  
sotr. M. N. Stepanova) i patologoanatomicheskogo otdela (i.o. zav. -  
A. A. Naumova) Moskovskogo oblastnogo nauchno-issledovatel'skogo  
klinicheskogo instituta im. M. F. Vladimirovskogo.

(TUMORS) (CHILDREN--DISEASES)

ODINKOVA, V.A.; DUBROV, E.Ya. (Moskva)

Lipocalcinogramulomatosis of the subcutaneous cellular tissue.  
Arkh.pat. no.7:64-67 '62. (MIRA 15:9)

1. Iz patologoanatomicheskogo otdela (nauchnyy rukovoditel' -  
chlen-korrespondent AMN SSSR prof. A.P. Avtsyn) i 1-y khirurgicheskoy kliniki (zav. - prof. N.I. Makhov) Moskovskogo oblastnogo nauchno-issledovatel'skogo klinicheskogo instituta.  
(SKIN—CALCIFICATION)

TSAR'KOVA, L.N.; ODINOKOVA, V.A.

Infarcts of the spleen in hypertension. Trudy MONIKI no.5:  
215-219 '62. (MIRA 16:4)

1. In II terapevticheskoy kliniki Moskovskogo oblastnogo nauchno-  
issledovatel'skogo klinicheskogo instituta imeni Vladimirovskogo  
(zav. - doktor med.nauk L.P.Pressman) i patologo-anatomicheskogo  
otdela (zav. - prof. S.B.Vaynberg [deceased]),  
(SPLEEN--INFARCTION) (HYPERTENSION)

KRYLOV, N.P., kand.med.nauk; ODINOKOVA, V.A.; SHOLOKHOV, S.V. (Moskva)

Role of hypo- and hyperfunction of the thyroid gland in the  
regeneration of divided sciatic nerve in the rabbit. Probl.  
endok.i gorm. no.4:39-45 '62. (MIRA 15:11)

1. Iz Tsentral'nogo nauchno-issledovatel'skogo instituta kurorto-  
logii i fizioterapii (dir. - kand.med.nauk T.N. Pospelova) i  
patologoanatomicheskogo otdela Moskovskogo oblastnogo nauchno-  
issledovatel'skogo klinicheskogo instituta imeni M.F. Vladi-  
mirskego (dir. - kand.med.nauk P.M. Leonenko).  
(SCIATIC NERVE) (THYROID GLAND)  
(REGENERATION (BIOLOGY))

ODINOKOV, V.A.

Morphological changes in the liver in thyrotoxicosis. Arkh.  
pat. 23 no.4:67-72 '61. (MIRA 14:6)

1. Iz patologoanatomicheskogo otdela (zav. - prof. S.B.  
Vaynberg [deceased]) Moskovskogo oblastnogo nauchno-issledo-  
vatel'skogo klinicheskogo instituta (dir. P.M. Leonenko)  
(LIVER) (HYPERTHYROIDISM)

STEPANOVA, M.N.; ODINOKOVA, V.A.; ZABAVSKAYA, E.A.

Neuroblastomas of the vertebrocostal fissure in children.  
Khirurgia no.9:81-85 '61. (MIRA 15:5)

1. Iz 2-y khirurgicheskoy kliniki (zav. - prof. Ya.G. Dubrov),  
patomorfologicheskogo (i. o. zav. A.A. Naumova) i rentgeno-  
logicheskogo (zav. - dotsent A.I. Petrov) otdelov Moskovskogo  
oblastnogo nauchno-issledovatel'skogo klinicheskogo instituta  
imeni M.F. Vladimirovskogo.

(NERVOUS SYSTEM--TUMORS)



SMIRNOVA, G. G.; CDINOKOVA, V. A. (Moskva)

Tumor of the pineal gland. Probl. endok. i gorm. no.6:97-100 '61.  
(MIRA 14:12)

1. Iz nevrologicheskoy kliniki (i.o. zav. T. S. Antonova) i patolo-  
goanatomicheskogo otdela (i.o. zav. A. A. Naumova) Moskovskogo  
oblastnogo nauchno-issledovatel'skogo klinicheskogo instituta imeni  
M. F. Vladimirovskogo (dir. P. M. Leonenko)

(PINEAL BODY--TUMORS)

ARUTYUNOV, V.Ya.; GOLEMB, P.I.; ODINKOVA, V.A.

Clinical and pathoanatomic symptoms and course of reticulosis of the skin. Vop. klin. pat. no.2:252-256 '61 (MIRA 16:12)

1. Iz kliniki kozhnykh bolezney (zav. - prof. V.Ya. Arutyunov) i patoanatomicheskogo otdela (zav. - prof. S.B.Vaynberg [deceased]) Moskovskogo oblastnogo nauchno-issledovatel'skogo klinicheskogo instituta imeni Vladimirskego.

ARJTYUNOV, V.Ya.; GOLEMB, P.I.; ODINOKOVA, V.A.

Skin changes in reticulosis. Klin.med. 38 no.7:120-128

'60.

(MIRA 13:12)

(RETICULO-ENDOTHELIAL SYSTEM--DISEASES)

(SKIN--DISEASES)

LEZNOVA, L.N., kand.med.nauk; ROZENSHTRAUKH, L.S., doktor med.nauk;  
ODINOKOVA, V.A., kand.med.nauk

Clinical aspects, diagnosis, and treatment of tumors of the  
thymus. Khirurgiia 36 no.8:20-25 Ag '60. (MIRA 13:11)

1. Iz kafedry obshchey khirurgii (zav. - zasluzhennyi deyatel'  
ranks prof. B.E. Linberg) Moskovskogo meditsinskogo stomatolo-  
gicheskogo instituta, 1-y khirurgicheskoy kliniki (zav. - dots.  
N.I. Makhov) Moskovskogo oblastnogo nauchno-issledovatel'skogo  
klinicheskogo instituta, kafedry rentgenologii (zav. - prof.  
Yu.N. Sokolov) Tsentral'nogo instituta usovershenstvovaniya vra-  
chey, patologoanatomicheskogo otdela (zav. - prof. S.B. Vaynberg  
[deceased]) Moskovskogo oblastnogo nauchno-issledovatel'skogo  
klinicheskogo instituta.

(THYMUS GLAND--TUMORS)

GRACHEVA, K.P.; ODINOKOVA, V.A.; KUN, N.

Analysis of mortality in thyrotoxic goiter according to data from  
the surgical clinic of the Moscow Regional Clinical Research  
Institute for a period of 8 years (1950-1957). Probl. endok. i  
gorm. 6 no. 5:34-39 '60. (MIRA 14:1)  
(HYPERTHYROIDISM)

SVETLAKOV, M.I.; ODINOKOVA, V.A.

Morphological tissue changes following the intrastitial administration of radioactive colloidal gold. Med. rad. 4 no.4:61-64 Ap '59.  
(MIRA 12:7)

1. Iz kliniki bolezney ukha, nosa i gorla (zav. - prof. I.Ya. Sendil'skiy) i patologoanatomicheskogo otdeleniya (zav. - prof. S.B. Vainberg) Moskovskogo oblastnogo nauchno-issledovatel'skogo klinicheskogo instituta i kafedry luchevoj bolezni (zav. - prof.A.V. Kozlova) Tsentral'nogo instituta usovershenstvovaniya vrachey.

(NEOPLASMS, ther.

radiogold, morphol. eff. (Rus))

(GOLD, radioactive,

ther. of cancer, morphol. eff. of implants (Rus))

ODINOKOVA, V.A.

Morphological changes in the myocardium in thyrotoxicosis.  
Trudy mol. nauch. sotr. MONIKI no.1:209-212 '59 (MIRA 16:11)

1. Iz pato-morfologicheskogo otdela (rukovoditel' prof. S.B. Vaynberg) Moskovskogo oblastnogo nauchno-issledovatel'skogo klinicheskogo instituta imeni Vladimirskego.

\*

ODINOKOVA, V.A. (Moskva)

Dissecting aneurysm of the pulmonary artery. Arkh.pat. 18 no.8:  
87-89 '56. (MLRA 10:2)

1. Iz patologoanatomicheskogo otdleniya (zav. - prof. S.B.Vayneberg)  
Moskovskogo oblastnogo nauchno-issledovatel'skogo klinicheskogo  
instituta imeni M.F.Vladimirovskogo.

(ARTERIES, PULMONARY, aneurysm,  
dissecting, case report (Rus))



ODINOKOVA, V. A.

ODINOKOVA, V. A. -- "Characteristics of Neurotic Atrophy of the Skeletal Musculature in Contrast to Atrophy from Inactivity." Sub 5 Jan 52, First Moscow Order of Lenin Medical Inst. (Dissertation for the Degree of Candidate in Medical Sciences)

SO: Vechernaya Moskva January-December 1952

USSR/ Biology - Plant ecology

Card 1/1 Pub. 22 - 4/1/56

Authors : Smirnov, V. V., and Odinkova, N. S.

Title : Hydrological role of aspen forests

Periodical : Dok. AN SSSR 99/5, 849-852, Dec 11, 1954

Abstract : Scientific data regarding the hydrological role of aspen trees, planted under identical soil-geomorphological conditions, are presented. The physical properties of soil best suited for the planting of aspen trees are tabulated. Ten USSR references (1846-1953). Tables; graph.

Institution: Academy of Sciences USSR, Forest Institute

Presented by: Academician V. N. Sukachev, October 11, 1954

MAN'KOVSKIY, G.I.; DAVYDOV, V.V.; ODINOKOVA, L.V.; KAMENSKIY, I.V.;  
OGNEVA, N.Ye.; KOGAN, N.N.; GOGUADZE, TS.A.

Solution for binding rocks. Gor. zhur. no.9:75 S '63.  
(MIRA 16:10)

L 4183-66

ACCESSION NR: AP5016532

3

formation. Lowering the deformation temperature hinders slip and intensifies twinning. Twinning increases the plasticity of titanium and raises the hardening coefficient of the alloy by increasing the number of twinning boundaries. Alloying of titanium with aluminum hinders twinning and decreases the plasticity at low temperatures. Orig. art. has: 4 figures, 1 table.

ASSOCIATION: Ural'skiy politekhnicheskiy institut im. S. M. Kirova (Ural Poly-technic Institute)

SUBMITTED: 16Jun64

ENCL: 00

SUB CODE: MM

NO REF SOV: 007

OTHER: 004

Card 2/2

L 4183-66 EWP(m)/EWP(w)/T/EWP(t)/EWP(k)/EWP(b)/EWA(c) IJP(c) JD/EW  
ACCESSION NR: AP5018532 UR/0126/65/019/006/0908/0914

AUTHOR: Bojachev, I. N. <sup>174.53</sup> Odinokova, L. P. <sup>44.55</sup>

TITLE: Plastic deformation of titanium and its alloys at low temperatures <sup>16</sup>

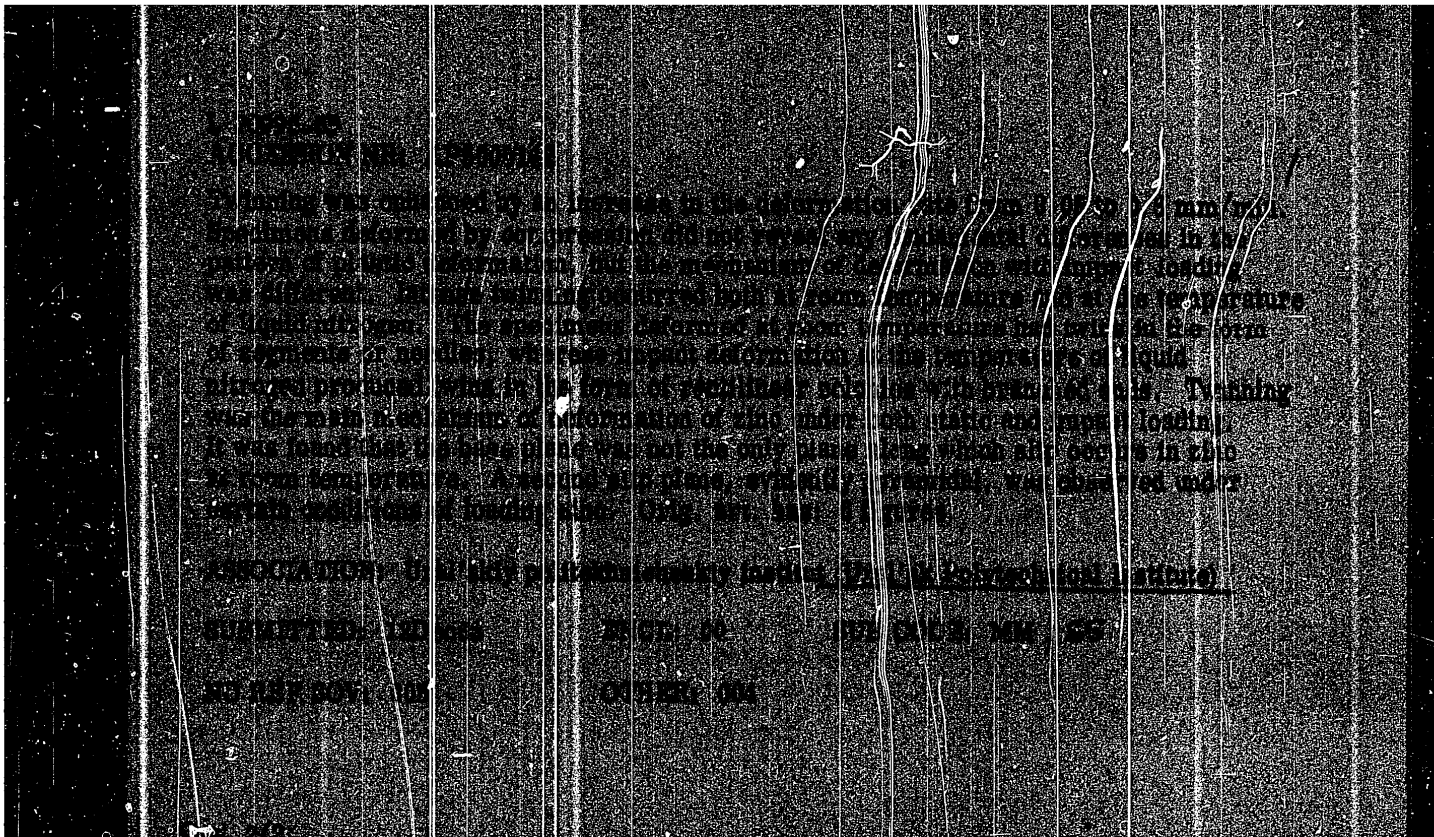
SOURCE: Fizika metallov i metallovedeniye v. 19, no. 6, 1965, 908-914

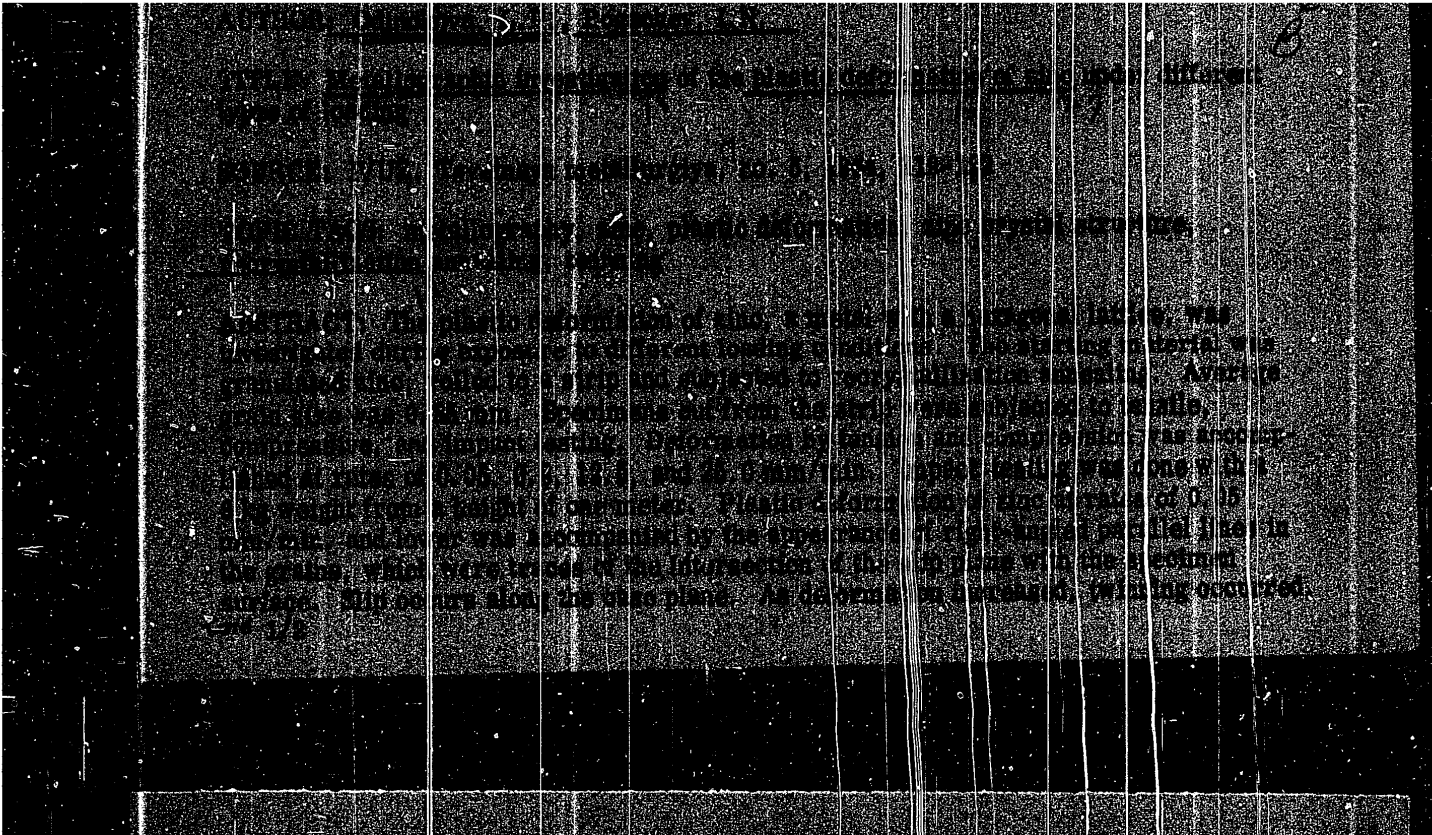
TOPIC TAGS: plastic deformation, titanium, titanium alloy, aluminum alloy, twinning <sup>44.55 27</sup>

ABSTRACT: The mechanical properties, hardening, and the nature of plastic deformation of titanium and its alpha- and beta-alloys were studied at temperatures of +20, -40, -70, -96, and -196°C. Lowering the deformation temperature causes an increase in the strength of the alloys. Failure of the beta-alloy at low temperatures occurs primarily along the grain boundaries. The mechanism of plastic deformation of the beta-alloy does not change substantially as the temperature drops. The number of active slip planes is reduced, causing a decline of plastic properties with decreasing temperature. The plastic deformation of titanium involves slip and twinning. At room temperature, both processes make an equal contribution to the de-

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53  
50  
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ACCESSION NR: AT4007050

at the contact surface of the working and supporting rolls; therefore, it is suggested that rolls of hard metal be used for titanium rolling in order to increase the strength of rolls or to obtain the thickness limit of thin foil. Orig. art. has: 6 tables and 6 figures.

ASSOCIATION: Institut metallurgii AN SSSR (Institute of Metallurgy AN SSSR)

SUBMITTED: 00

DATE ACQ: 27Dec63

ENCL: 00

SUB CODE: MT, MM

NO REF SOV: 019

OTHER: 005

Card 4/4



ACCESSION NR: AT4907056

where  $\mu$  is the coefficient of friction,  $d$  the diameter of the roll,  $m = 8(1-\nu^2)/n \cdot E$ , and  $k$  the resistance of the strip to deformation. For  $d = 53.6$  mm,  $\mu = 0.115$ ,  $E = 2.2 \cdot 10^4$  kg/mm<sup>2</sup>,  $\nu = 0.3$ , and  $k = 160.2$  kg/mm<sup>2</sup>, a minimum thickness of 0.145 mm was determined by this formula, comparable to 0.155 mm obtained experimentally. For rolls of hard metal such as VK-10 with  $E = 5 \cdot 10^4$  kg/mm<sup>2</sup>, the minimum calculated thickness of strip is 0.064 mm. Calculation of tensile stresses and contact pressures in the titanium sheet during cold rolling was considered by the authors and compared with experimental results obtained with titanium alloy AT-4S. Reduction regimes at strip cold rolling of the alloys AT-3S, AT-4N, and AT-6N, and the influence of annealing on these regimes was also considered and discussed. On the basis of results of investigations described above it was concluded that: (1) the plastic deformation of strong and high strength titanium alloys at cold rolling of strip occurs at high specific pressures (on the order of 200-400 kg/mm<sup>2</sup>) and at specific tensions of 30-60 kg/mm<sup>2</sup>, i.e. at most at 0.3 - 0.5 of the corresponding yield strength value; (2) titanium alloys AT combine high strength with satisfactory plastic properties, indicating a possibility of obtaining foil from these alloys; by cold rolling with tension of alloys AT-3 and AT-4, foil with a thickness of 0.07 mm and a width of 70-80 mm was obtained; (3) after work hardening of a strip at cold rolling (with a reduction of 40-10%, depending on the type of alloy and previous working) a vacuum annealing at a temperature of 680-750C is necessary; (4) because of high specific pressures during rolling, considerable elastic deformation occurs

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ACCESSION NR: AT4007050

pressure on the rolls, tension of the strip, and velocities of the rolls and winding drums. Samples of the titanium alloys were provided by I. I. Kornilov and V. S. Mikheyev of the Laboratroya khimii metallicheskih splavov Instituta metallurgii im. A. A. Baykova (Laboratory of the Chemistry of Metallic Alloys, Institute of Metallurgy). Computations of Contact pressures were conducted. These calculations accounted for the elastic compression of the rolls by using expressions based on the contact stress theory of Hertz, in particular the Hltcheock formula. The alloys AT-3N, AT-3S, AT-3V, AT-4N, AT-4S, AT-2N, AT-6N were tested and the test results tabulated. At rolling, the strip was lubricated by machine oil SU. The high contact pressures, attaining values on the order of  $450 \text{ kg/mm}^2$ , which were obtained can be explained by high initial resistance-to-deformation values of prerolled-alloys, by their intensive work hardening, and by the apparently high coefficient of friction at a low speed of rolling. Because of the high contact pressures appearing at rolling of the titanium alloys, it is recommended that the contact strength of the rolls be checked. In the given case, the surface hardness of rolls was  $680 \text{ kg/mm}^2$  of Brinell hardness, thus exhibiting a safety factor of 1.5 in plastic contact strength. For the determination of minimum strip thickness depending on the strength of the rolls and on the formability of the rolled material, the following expression was given:

$$h_{\min} = 1.4 \mu \text{ dmk},$$

Card

2/4

ACCESSION NR: AT4007050

S/2598/63/000/010/0265/0277

AUTHOR: Shilov, V. I.; Korzh, V. P.; Odinkova, L. P.

TITLE: Cold rolling of titanium alloy strip

SOURCE: AN SSSR. Institut metallurgii. Titan i yego splavy<sup>11</sup>, no. 10, 1963.  
Issledovaniya titanovy\*kh splavov, 265-277

TOPIC TAGS: titanium alloy, AT-3 titanium alloy, AT-4 titanium alloy, AT-2 titanium alloy, AT-6 titanium alloy, titanium alloy strip, titanium alloy foil, titanium alloy cold rolling, strip cold rolling, foil rolling, strip property, foil property, titanium alloy property, titanium aluminum chromium alloy, iron containing alloy, silicon containing alloy, boron containing alloy

ABSTRACT: New high-strength alloys encounter an ever-larger technical application. Manufacture of strip, particularly of thin strip and foil, made of such alloys by cold rolling, is a complicated and laborious process not yet sufficiently studied. Therefore, investigations in this direction have certain practical and theoretical interest. The authors present results of investigations on cold rolling of thin strip and foil of titanium alloys AT, on a four-high rolling mill 56 x 260 x 200 provided with equipment for measuring metal

Card 1/4

ODINOKOVA, L.P.; KORZH, V.P.; SHILOV, V.I.

Plastic properties of certain titanium alloys. Trudy Inst.met.UFAN  
SSSR no.9:107-110 '62. (MIRA 16:10)

SHILOV, V.I.; KORZH, V.P.; Prinnali uchastiye: SPITSIN, V.D.;  
POKHLEBAYEV, L.A.; ODINOKOVA, L.P.; ALEKSEYEV, V.I.; TELEZHNIKOVA, G.N.

Rolling of titanium alloy foil. Trudy Inst.met.UFAN SSSR no.9:  
101-105 '62. (MIRA 16:10)

SUYAROV, D.I.; SHILOV, V.I.; ODINOKOVA, L.P.; ABDULOV, Yu.P.

Determining the curves of metal hardening by compression. Trudy  
Inst.met.UFAN SSSR no.9:5-11 '62. (MIRA 16:10)

Investigation of the resistance ...

S/598/62/000/007/030/040  
D217/D307

ber of Ti alloys were plotted. The conditions for cold-rolling Ti alloys were also studied and the parameters of rolling, pressure, stress and roll and reeler speeds were determined. The total pressure of the metals on the rolls and the forward and rear stresses in strip rolling were calculated. The authors conclude that in spite of the moderate plasticity exhibited by some of the new high-strength titanium alloys during reduction, high reductions in area are possible in the rolling of strip under stress owing to the favorable influence of the stressed state. Reductions of 20 - 30% depending on the type of alloy, are possible. The alloys in question were ~~IMP1~~ (IMP2) and ~~IMP2~~ (IMP3), produced by vacuum arc melting of the alloys AT3 (AT3), AT4 and AT8. There are 6 figures and 1 table. ✓

Card 2/2

38703

S/598/62/000/007/030/040  
D217/D307

11300  
18 1295  
AUTHORS: Shilov, V. I., Odinkova, D. P., Korzh, V. F. and  
Suyarov, D. I.

TITLE: Investigation of the resistance to deformation and of  
the specific pressures of certain titanium alloys dur-  
ing cold rolling

SOURCE: Akademiya nauk SSSR. Institut metallurgii. Titan i yego  
splavy. no. 7, Moscow, 1962. Metallokhimiya i novyye  
splavy, 219-225

TEXT: The resistance to deformation was studied by compressing  
cylindrical specimens of the materials under investigation in an  
apparatus specially designed at the Institut metallurgii UF/AN  
(Institute of Metallurgy UF/AS). The yield-point on compression in  
the as-received state was determined oscillographically from the  
pressure curve, being taken as either the yield plateau or the  
kink in the curve formed on transition from the elastic to the  
plastic state. Curves for the resistance to deformation of a num- X

Card 1/2



BARKAGAN, Z.S., ODINOKOVA, A.A. (Barnaul)

Anterior thoracic wall syndrome after myocardial infarct.  
Klin.med. 36 no.8:78-81 Ag '58 (MIRA 11:9)

1. Iz kafedny propedevtiki vnutrennikh bolezney (zav. - dots.  
Z.S. Barkagan) Altayskogo meditsinskogo instituta.  
(MYOCARDIAL INFARCTION, manifest.  
anterior thoracic pain (Rus))

ODINOKOV, Yu.I., kand. tekhn. nauk

Decrease in the expenditure of electric power in rolling large  
ingots. Prom. energ. 19 no.8:2-6 Ag '64.

(MIRA 17:11)

ODINOKOV, Yu.I.

Position of critical cross section in rolling heavy ingots. Izv.  
vys. ucheb. zav.; Chern. met. 8 no.2:27-92 '65.

(MIRA 18:2)

1. Ural'skiy politekhnicheskiy institut.

TARNOVSKIY, I.Ya.; ODINOKOV, Yu.I.; CHICHIGIN, V.A.; SYCHKOV, B.D.

Torque distribution between the rolls of a rolling mill. Stal' 23 no.12:  
1099-1102 D '63. (MIRA 17:2)

TARNOVSKIY, I.Ya.; POZDEYEV, A.A.; ODINOKOV, Yu.I.; POPOV, V.M.;  
CHICHIGIN, V.A.

Increase in metal width and the corresponding speeds of horizontal and vertical rolls on universal blooming mills. Izv. vys. ucheb. zav.; Chern. met. 6 no.9:103-109 '63. (MIRA 16:11)

1. Ural'skiy politekhnicheskiy institut.

TARNOVSKIY, I.Ya.; POZDEYEV, A.A.; ODINOKOV, Yu.I.; POPOV, V.M.

Investigating the flow rate area of a metal during rolling on  
large cogging mills. Izv. vys. ucheb. zav.; chern. met. 6  
no.7:96-105 '63. (MIRA 16:9)

1. Ural'skiy politekhnicheskiy institut.  
(Rolling (Metalwork)) (Deformations (Mechanics))

TARNOVSKIY, I. Ya., doktor tekhn.nauk; ODINOKOV, Yu.I., inzh.; CHICHIGIN, V.A., inzh.

Rolling forces of the 1150 slab mill. Izv.vys.ucheb.zav.; mashinostr.no.  
1:145-156 '63.

1. Ural'skiy politekhnicheskiy institut.  
(Rolling (Metalwork))

(MIRA 16:5)

TARNOVSKIY, I.Ya.; ANTONOV, S.P.; ODINOKOV, Yu.I.; KUSTOBAYEV, G.G.;  
SYCHKOV, B.D.

Ingot rolling in the 1150 slabbing mill. Stal' 22 no.8:720-727  
Ag '62. (MIRA 15:7)

1. Ural'skiy politekhnicheskiy institut, Ural'skiy institut  
chernykh metallov i Magnitogorskiy metallurgicheskiy kombinat.  
(Rolling (Metalwork))



KHOREV, V.N.; BARANOVA, N.A.; GORLACH, I.A.; KVASOV, Ye.I.; KRAMARENKO, I.S.;  
MIRONOV, L.V.; FRIVALOV, S.S.; LYASKO, M.V.; DUBROV, N.F.;  
MIRONOV, L.V.; KOKSHAROVA, I.K.; MIKHALEV, M.S.; LAZAREV, E.M.;  
KUZNETSOVA, I.R.; LAPKIN, N.I.; KRASIL'NIKOV, N.A.; GOL'DSHTEYN, M.I.;  
GUTERMAN, S.G.; ODINOKOV, Yu.I.; SKRYABIN, N.P.; KORSHCHIKOV, V.D.

Research by the Ural Ferrous Metal Research Institute. Stal'  
22 no.7:621,623,638-639,670 JI '62. (MIRA 15:7)  
(Metallurgical research)

TARNOVSKIY, I.Ya.; ODINOKOV, Yu.I.; KUSTOBAYEV, G.G.; SYCHKOV, B.D.

Rolling 7 to 9-ton ingots by the semidouble method on the  
1150 slabbing mill. Metallurg 6 no.11:20-22 N '61.

(MIRA 14:11)

1. Ural'skiy politekhnicheskiy institut; Institut chernykh  
metallov i Magnitogorskiy metallurgicheskiy kombinat.  
(Rolling(Metalwork))

S/137/60/000/011/013/043  
A006/A001Investigation of Metal Flow Kinematics and of the Location of a Critical Section  
When Entrapping and Filling With Metal the Gap Between the Rolls

seat in the experiment,  $H_{av}$  is the mean height of the strip. The critical section and the advance zone appear at  $l/H_{av} \geq 0.5 - 0.6$ . Increment of the advance zone is more intensive than that of the rear zone, and is the greater, the higher the strip is. The appearance and growth of the advance zone impair entrapment conditions, in particular at low  $l/H_{av}$ . A considerable disagreement of experimental values of  $\gamma$  and theoretical data, calculated by I.M. Pavlov's formula  $\gamma = (\alpha/2)(1 - \alpha/2\beta)$ , was stated at low  $l/H_{av}$ . This indicates the inapplicability of the method of advance zone for the determination of the friction coefficient. Analogous results were obtained during upsetting of tapered strips. It is stated that  $\gamma$  depends on the absolute and relative reduction in as much as changes in  $l/H_{av}$  take place. It is shown that at low  $l/H_{av}$  the  $\gamma/\alpha$  ratio may be  $>0.5$ .

L.M.

Translator's note: This is the full translation of the original Russian abstract.

Card 2/2

S/137/60/000/011/013/043  
A006/A001

Translation from: Referativnyy zhurnal, Metallurgiya, 1960, No. 11, p. 116,  
# 26126

AUTHORS: Tarnovskiy, I.Ya., Odinokov, Yu.I.

TITLE: Investigation of Metal Flow Kinematics and of the Location of a  
Critical Section When Entrapping and Filling With Metal the Gap  
Between the Rolls

PERIODICAL: Byul. nauchno-tekhn. inform. Ural'skiy, n.-1. in-t chern. metallov,  
1959, No. 7, pp. 30 - 43

TEXT: The authors investigated rolling process when filling with metal  
the space between the rolls, i.e. under conditions of strained and deformed state  
changing with time at each spot of the deformation seat. The method of vertical  
graduation lines is used; the lines are marked on the vertical plane of the com-  
posite specimen joint. The authors determined metal flow and the location of the  
critical section, the angle  $\gamma$ , at the given filling of the gap between the rolls.  
Dependences are plotted of the location of the critical section on the entrapment  
angle  $\alpha$  and the shape factor  $l_3/H_{av}$ , where  $l_3$  is the mean filling of the deformation

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S/124/60/000/003/017/017  
A005/A001

Translation from: Referativnyy zhurnal, Mekhanika, 1960, No. 3, p. 137, # 3973

AUTHOR: Odinokov, Yu. G.

TITLE: The Calculation of a Homogeneous Cylindric Thin-Walled Structure  
of Circular Cross Section

PERIODICAL: Tr. Kazansk. aviats. in-ta, 1958, Vol. 43, pp. 55-59

TEXT: The author considers a thin-walled cylinder<sup>76</sup> of circular cross section consisting of the shell and the reinforcing frame of longitudinal ribs<sup>76</sup> (stringers) and transversal ribs (bulkheads). The load and the support arrangements are arbitrary. It is assumed that: 1) the bulkheads provide against deformation of the structure cross section in its plane, 2) the longitudinal stresses affect only the stringers, and the shear stresses the shell.<sup>76</sup> The system of ordinary differential equations with constant coefficients determining the longitudinal displacements can be integrated by the transformation into normal coordinates. The determination of stresses in the stringers with allowance for the deplanation constraint of the cross sections is reduced to the determination of the constants from the boundary conditions. B

Card 1/1

P. D. Mishchenko

*Odinokov, Yu. G.*

KAN, Saveliy Nakhimovich; SVERDLOV, Iosif Abramovich; ODINOKOV, Yu.G.,  
doktor fiz.-mat.nauk prof., retsenzent; CHEREMUKHIN, A.M., doktor  
tekhn.nauk prof., retsenzent; YARUNIN, A.M., inzh., red.;  
SHEYNFAYN, L.I., izdatel'skiy red.; ROZHIN, V.P., tekhn.red.

[Designing airplanes for strength] Raschet samoleta na prochnost'.  
Izd. 4., perer. Moskva, Gos.izd-vo obr. promyshl., 1958. 291 p.  
(MIRA 11:7)

(Airplanes--Design and construction)

ODINOKOV, Yu.G.

Designing thin-walled beams. Trudy KAI 25:153-170 '51. (MIRA 10:7)  
(Girders)

ODINOKOV, Yu.G.

Integration of systems of ordinary linear inhomogeneous equations  
with constant coefficients. Trudy KAI 23:18-30 '49. (MLRA 10:6)  
(Differential equations, Linear)



ODINOKOV, Yu. G.

"Stresses and deformations in thin-wall constructions of varying cross-section," Trudy Kazansk. aviats. in-ta, XX, 1948, p. 3-15

SO: U-3850, 16 June 53, (Letopis 'Zhurnal 'nykh Statey, No. 5, 1949).

ABRAMYAN, S.L.; AKSEL'ROD, S.M.; ALEKSEYEV, E.A.; AL'TSHEL', S.A. [deceased],  
BESPALOV, D.F.; GADZHI-KASIMOV, A.S.; ZHILIN, K.A.; LISTENGARTEN, B.M.;  
ODINOKOV, V.P.; PUTKARADZE, L.A.; SHIMOLEVICH, Yu.S.

Neutron-neutron pulse method for investigating wells and results of  
its use in the Balakhan'-Sabunchi-Ramany field. Azerb. neft. khoz.  
39 no.11:9-13 N '60. (MIRA 13:12)  
(Apsheron Peninsula--Oil well logging, Radiation)

Nuclear Geophysics; (Cont.)

SOV/3600

Yerozolimskiy, B.G., L.N. Bondarenko, L.R. Voytsik, Yu. S. Shimelevich,  
and L.I. Yudin. A Small-Sized Seamless Neutron Tube

351

Voytsik, L.R., and B.G. Yerozolimskiy. A Laboratory Neutron Generator

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AVAILABLE: Library of Congress

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## Nuclear Geophysics; (Cont.)

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- Grumbkov, A.P., V.V. Matveyev, G.S. Semenov, and A.D. Sokolov. Radiometer-Analyzer "Avtogras" and Its Use in Radiometric Oil and Gas Prospecting 279
- Matveyev, V.V., and A.D. Sokolov. Scintillation Liquid Radiometer-Analyzer "Aviagras" for Aerial Prospecting 290
- Grumbkov, A.P. Experiment in the Separate Registration of the Thorium and Radium Components of Gamma Radiation When Prospecting With Automobile-Mounted Radiometers 300
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- Zolotov, A.V. Effective Cross Sections of Chlorine for Slow Neutrons 332
- Yerozolinskiy, B.G., and A.S. Shkol'nikov. A Method of Separating Oil- and Water-Bearing Strata, Based on Use of a Pulsating Fautron Source 337
- Bespalov, D.F., and A.I. Khaw . A High Voltage Source of 100 Kv for Neutron Generators Used in Cased Wells 346

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Blankov, Ye.B. Separation of the Radiation of Different Elements During the Investigation of Petroleum-Survey Bore Holes by the Method of Induced Radioactivity of Sodium and Chlorine		170
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Zolotov, A.V. Distribution of Slow Neutrons in a Homogeneous Medium		195

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## Nuclear Geophysics; (Cont.)

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- Alekseyev, F.A., V.P. Odinkov, and Yu. S. Shimelevich. Analysis of Rocks Based on Their Activation Under Bore Hole Conditions and the Utilization of This Method to Locate Oil- and Water-Bearing Strata 65
- Aksel'rod, S.M. Mapping Petroleum-Water Surfaces of Contact in Azerbaydzhan Oil Fields by the Method of Induced Radioactivity of Sodium 100
- Rezvanov, R.A. Possibility of the Method of Induced Radioactivity for Quantitative Evaluation of the Petrolic Capacity and Other Characteristics of Strata 103
- Blankova, T.N. The Effectiveness of the Methods of Induced Radioactivity of Sodium and Chlorine to Compute the Oil- and Water-Bearing Capacity of Devonian Sandstones 110
- Burov, B.M., G.N. Darvozd, F.Ts. Denisik, B.P. Odinkov, and V.G. Shcherbinskiy. Utilization of Epithermal Neutrons in the Neutron-Neutron Method (NNM) of Evaluating the Porosity of Sand and Carbonate Collectors 121

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## Nuclear Geophysics; (Cont.)

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metric instruments (counters, etc.) for registering neutrons and gamma rays, give the results of research with models of rock strata, introduce fundamentals of a new method for effectively utilizing radioactivity in the analysis of rock samples from petroleum-survey bore holes, etc. Problems of method in the study and interpretation of radiometric measurements in bore holes are reviewed, as well as the results of studies in the nonabsorption of tritium in tracing the movement of petroleum and water in a stratum. Finally, a new method of surveying based on measuring the radioactivity of the surface of a prospective petroleum deposit is described. No personalities are mentioned. References accompany each article.

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Диняков, В. Р.

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PHASE I BOOK EXPLOITATION

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Yadernaya geofizika; sbornik statey po ispol'zovaniyu radioaktivnykh izlucheniy i izotopov v geologii nefi (Nuclear Geophysics; Collection of Articles on the Use of Radioactive Radiation and Isotopes in Petroleum Geology) Moscow, Gostoptekhizdat, 1959. 370 p. Errata slip inserted. 4,000 copies printed.

Ed.: F.A. Alekseyev, Professor. Doctor of Geological and Mineralogical Sciences;  
Exec. Ed.: A.P. Kalantarov; Tech. Ed.: A.S. Polosina.

PURPOSE: This book is intended for petroleum geologists, geophysicists and scientists engaged in geological research who are interested in radiometric techniques of petroleum prospecting.

COVERAGE: The collection contains 28 articles compiled by staff members and aspirants of the Laboratory for Nuclear Geology and Geophysics of the Petroleum Institute (now the Institute for Geology and Mineral Fuel Processing) of the Academy of Sciences USSR, the Laboratory for Radioactive Logging of the All-Union Scientific Research Institute of Geophysics, and the heads of councils for planning research projects for petroleum enterprises. The articles treat new material on radiometric surveying in petroleum geology, describe radio-

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YAKOBSON, G.G.; ODINOKOV, V.N.; PETROVA, T.D.; VOROZHTSOV, N.N., mladshiy

Aromatic fluorine derivatives. Part 14: Tetrafluoroterephthalic acid. Zhur. ob. khim. 34 no.9:2953-2958 S '64.

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1. Novosibirskiy institut organicheskoy khimii Sibirskogo otdeleniya AN SSSR.

VLODAVETS, M.L.; GOL'BERT, K.A.; ODINOKOV, V.N.; SINOVICH, I.D.

Chromatographic determination of acrolein dimer in a reaction mixture. Zav.lab. 28 no.2:145-146 '62. (MIRA 15:3)

1. Nauchno-issledovatel'skiy institut sinteticheskikh spirtov i organicheskikh produktov.  
(Acrolein) (Pyran) (Chromatographic analysis)

ODINOKOV, V.N.

Standardized fitting out of steel casting equipment. Lit. proizv.  
no.2:27-29 P '55. (MIRA 8:4)  
(Steel casting) (Foundry machinery and supplies)

KLOCHANOV, Petr Nikolayevich; EYDINOV, Yuriy Solomonovich;  
ODINOKOV, S.D., kand. tekhn. nauk, nauchn. red.;  
ZVORYKINA, L.N., red.

[Painting, glazing, and facing operations] Maliarnye,  
stekol'nye i oblitsovochnye raboty. Moskva, Stroiizdat,  
1964. 313 p. (MIRA 18:2)

ODINOKOV, Sergey Dmitriyevich, kand. tekhn. nauk; ZAVRAZHIN,  
~~NIKOLAY NIKOLAYEVICH~~, inzh.; Primal uchastiye  
SPASHKOV, A.N., inzh.; TABUNINA, M.A., red.izd-va;  
SHEVCHENKO, T.N., tekhn.red.

[Roofing work] Krovel'nye raboty. Moskva, Gosstroizdat,  
1963. 281 p. (MIRA 16:8)

(Roofing)

ODINOKOV, S.D., kand.tekhn.nauk; MIL'KEVICH, O.L., kand.tekhn.nauk;  
FILATOV, N.M., mladshiy nauchnyy sotrudnik; AGAPOVA, T.V.,  
mladshiy nauchnyy sotrudnik; GUKOV, I.I., mladshiy nauchnyy  
sotrudnik; PATSIDIS, Ye.K., inzh., nauchnyy red.; KHLUDNYEVA,  
Ye.O., red.izd-va; RUDAKOVA, N.I., tekhn.red.

[Album of drawings of machinery tools, implements and equipment  
for industrial painting] Al'bom chertezhei mashin, instrumentov,  
prispособlenii i inventaria dlia proizvodstva maliarnykh rabot.  
Moskva, Gos.izd-vo lit-ry po stroit., arkhitekt. i stroit.materialam,  
1960. 101 p. (MIRA 13:12)

1. Akademiya stroitel'stva i arkhitektury SSSR. Institut organiza-  
tsii, mekhanizatsii i tekhnicheskoy pomoshchi stroitel'stvu. 2. Ruko-  
voditel' laboratorii krovel'nykh i otdelochnykh rabot Instituta orga-  
nizatsii, mekhanizatsii i tekhn.pomoshchi stroitel'stvu (for Odinkov).  
(Painting, Industrial--Equipment and supplies)

ODINOKOV, S.D., kand.tekhn.nauk; SHABALINA, V.I., mladshiy nauchnyy sotrudnik; SIROTKINA, O.V., starshiy tekhnik; KROTOVA, L.V., starshiy tekhnik; YDOVENKO, Z.I., red.izd-va; TENKINA, Ye.L., tekhn.red.

[Album of charts, designs of equipment, tools, and devices for erecting asbestos cement building roofs] Al'bom tekhnologicheskikh skhem, chertezhei oborudovaniia, instrumentov i prispoblenii dlia ustroistva asbestotsementnykh krovel' zdanii. Moskva, Gos.izd-vo po stroit., arkhitekt. i stroit.materialam, 1960. 42 p. (MIRA 14:3)

1. Akademiya stroitel'stva i arkhitektury SSSR. Institut organizatsii, mekhanizatsii i tekhnicheskoy pomoshchi stroitel'stvu.
2. Laboratoriya krovel'nykh i otdelochnykh rabot Nauchno-issledovatel'skogo instituta organizatsii, mekhanizatsii i tekhnicheskoy pomoshchi stroitel'stvu Akademii stroitel'stva i arkhitektury SSSR (for Odinokov, Shabalina, Sirotkina, Krotova).  
(Asbestos cement) (Roofing)



NOSKOV, S.K., kand.tekhn.nauk; ODINOKOV, S.D., kand.tekhn.nauk; SIROTKINA, O.V., starshiy tekhnik; KRETOVA, L.V., starshiy tekhnik. Prinizhala uchastiye SHABALINA, V.I., mladshiy nauchnyy sotrudnik. SKVORTSOVA, I.P., red.izd-va; TEMKINA, Ye.L., tekhn.red.

[Album of technological schemes and drawings of the equipment, instruments, and devices to be used in covering roofs with rolled materials] Al'bom tekhnologicheskikh skhem i chertezhei obrudovaniia, instrumentov i prispособlenii dlia ustroistva krovel' iz rulonnykh materialov. Moskva, Gos.izd-vo lit-ry po stroit., arkhitekt. i stroit.materialam, 1960. 48 p. (MIRA 13:6)

1. Akademiya stroitel'stva i arkhitektury SSSR. Institut organizatsii, mekhanizatsii i tekhnicheskoy pomoshchi stroitel'stvu. (Roofing--Equipment and supplies)

ODINOKOV, S.D., kand.tekhn.nauk; SPASHKOV, A.N., mladshiy nauchnyy sotrudnik; MUNITTS, A.P., red.izd-va; RUDAKOVA, N.I., tekhn.red.

[Temporary instruction for using "brizol" in waterproofing of buildings and structures] Vremennye ukazaniia po primeneniuiu brizola dlia gidroizoliatsii zdaniy i sooruzhenii. Moskva, Gos.izd-vo lit-ry po stroit., arkhitekt., i stroit.materialam, 1959. 12 p. (MIRA 13:1)

1. Akademiya stroitel'stva i arkhitektury SSSR. Institut organizatsii, mekhanizatsii i tekhnicheskoy pomoshchi stroitel'stvu.
  2. Rukovoditel' laboratorii krovel'nykh i otdelochnykh rabot Nauchno-issledovatel'skogo instituta organizatsii, mekhanizatsii i tekhnicheskoy pomoshchi stroitel'stvu (for Odinokov).
  3. Nauchno-issledovatel'skiy institut organizatsii, mekhanizatsii i tekhnicheskoy pomoshchi stroitel'stvu (for Spashkov).
- (Waterproofing)

ODINOKOV, S.D., kand.tekhn.nauk; DMITREVSKIY, V.A., inzh. [deceased];  
EYDINOV, Yu.S., inzh., red.

[Instructions for making and using cold bituminous mastics for covering roofs with rolled materials] Ukazaniia po prigotovleniiu i primeneniui kholodnoi bitumnoi mastiki dlia ustroistva krovvel' iz rulonnykh materialov. Moskva, Biuro tekhn.informatsii, 1959. 6 p. (MIRA 13:6)

1. Akademiya stroitel'stva i arkhitektury SSSR. Institut organizatsii, mekhanizatsii i tekhnicheskoy pomoshchi stroitel'stvu.
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(Bituminous materials) (Roofing)