"APPROVED FOR RELEASE: 07/16/2001 CIA-RDP86-00513R001755120003-7

TATSITOV, G.A.

Gyroscopic system as servomechanism for the external force moment. Vop. prikl. gir. no.2:61-77 '60. (MIRA 15:4)
(Gyroscopic instruments) (Automatic control)

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"APPROVED FOR RELEASE: 07/16/2001 CIA-RDP86-00513R001755120003-7

TATSITURNOV, V.

AID P - 383

Subject : USSR/Aeronautics

Card 1/4 Pub. 58 - 1/4

Periodical : Kryl. rod., 8, 1-24, Ag 1954

Abstract : Three articles from this issue have been processed on separate cards (indicated below). The remainder are not considered of any special value and are listed only on the following Table of Contents:

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| 1. For New Aviation Records, (Written on the occasion of the distribution of rewards, a complaint about the inactivity of one center) | 1 |
| 2. Sazonov, I., Aviator Participants in All-Union Agricultural Exhibition (Names of two prominent aviators are mentioned). Photos | 2 |
| 3. Smirnov, Ye., Alertness -- Our Weapon (A call for alertness in view of the possible imperialistic aggression. Several names cited as examples of outstanding alertness) | 3-4 |

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4. Zamychkin, S., The Struggle for Altitude (A pilot's account of how he broke an altitude record on a slightly modified standard YaK-18 aircraft), Photo 5
5. Petryanov, L., International Glider Competition (Processed on separate card). Photos 6-7
6. Makarov, V., Some Problems of the Theory of Glider Take-Off by Means of a Mechanical Hoist (Processed on separate card). Photos, diagrams, etc. 8-10
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11. Ivannikov, D., Community Instructor (Example of good instruction work in USSR schools). Photo 13
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13. Martynov, B., Engineer, High Velocity Free Flying Models (Elements of construction, automatic control, conditions of flight). Diagrams 15-18
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Kryl. rod., 8, 1-24, Ag 1954

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18. Sports Chronicle (List of rewards) 22
19. In the Aviation Sport Commission (Confirmation of recently established sport aviation records) 23
20. Aviation Calendar (Description of past events) 23
21. Insert. (Construction plans of an aircraft model)

Institution : None

Submitted : No date

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PHASE I BOOK EXPLOITATION SOV/4020

Aviamodelizm; sbornik statey. Posobiye dlya rukovoditeley aviamodel'nykh krushkov i uchiteley (Aircraft Modeling; Collection of Articles. Textbook for Instructors of Model Aircraft Clubs and Teachers) Moscow, Uchpedgiz, 1960. 141 p. 12,000 copies printed.

Compilers: E.B. Mikirtumov, Candidate of Technical Sciences, and M.S. Lebedinskiy, Candidate of Technical Sciences; Ed.: A.Ye. Stakhurskiy; Tech. Ed.: V.I. Korneyeva.

PURPOSE: This book is intended for instructors and directors of model airplane clubs sponsored by DOSAAF (All-Union Voluntary Society for Promotion of the Army, Navy, and Air Force).

COVERAGE: The book consists of 47 articles covering various aspects of model aircraft design, construction and operation. The text contains many illustrations and diagrams. No personalities are mentioned. There are 185 references, all Soviet.

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Tatsiturnov, V

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"APPROVED FOR RELEASE: 07/16/2001 CIA-RDP86-00513R001755120003-7

SOV-3-58-10-12/23

AUTHOR: Tatsiy, G.M., Deputy Chief of the Main Administration of Universities, Economic and Law Vuzes

TITLE: To Intensify the Liaison Between Economic Vuzes, Sovnarkhozes and Enterprises (Ukreplyat' svyaz' ekonomicheskikh vuzov s sovnarkhozami i predpriyatiyami)

PERIODICAL: Vestnik vysshey shkoly, 1958, Nr 10, pp 63 - 68 (USSR)

ABSTRACT: A considerable number of highly qualified instructors work in the chairs of higher economic educational institutions. Their participation in research work, and a thorough improvement of the chairs' scientific work, are indispensable prerequsites for raising the qualification of the professorial and instructional staff. Lately, a number of measures have been adopted to develop this scientific work. A change in the attestation order of the scientific personnel has played a great role. The demand that the works for obtaining a learned degree be published has raised the quality of the defended dissertations. The author outlines the possibilities which the reorganization in the administration of industry, building and machine-tractor stations opened to scientific research, and enumerates the themes that have been worked out by the Moscow Engineering-Economics Insti-

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SOV-3-58-10-12/23

To Intensify the Liaison Between Economic Vuzes, Sovnarkhozes and Enterprises

tute, the Moscow Finance Institute, the Moscow Institute of Economics and Statistics, the Leningrad and Tashkent Institutes of Finance and Economics. He tells of the cooperation between the sovnarkhozes and a number of vuzes including the Rostov Institute of Finance and Economics and the Scientific-Research Institute of Labor. The Moscow Institute of Engineering and Economics, in conjunction with the USSR Gosstroy Department of Economics in Building, the Scientific-Research Institute of Economics in Building of the USSR Academy of Building and Architecture and the USSR Scientific-Technical Society of the Building Industry, convened a conference on questions of increasing the economic effectiveness of capital investments. It was attended by 432 representatives of 68 cities. The author regrets that insufficient attention is being paid to the planning and coordinating of scientific work; that out of 76 instructors of the Saratov Institute of Economics only 35 conducted scientific work in 1957, that among the instructors there are some who for 10-15 years have not had one day of practical work, and that the number of aspirants for scientific degrees is too small.

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To Intensify the Liaison Between Economic Vuzes, Sovnarkhozes and Enterprises SOV-3-58-10-12/23

He then deals with the printing of textbooks by the economics vuzes, particularly in Moscow, and considers that the students are still unsatisfactorily supplied with literature. The issue of the journal, "Scientific Reports of the Higher School", is said to be an important stage in the development of scientific work at economic vuzes.

ASSOCIATION: Glavnoye upravleniye universitetov, ekonomicheskikh i yuridicheskikh vuzov (Main Administration of Universities, Economics and Law Vuzes)

Card 3/3

APPROVED FOR RELEASE: 07/16/2001 CIA-RDP86-00513R001755120003-7"

"APPROVED FOR RELEASE: 07/16/2001 CIA-RDP86-00513R001755120003-7

BIRMAN, A.M., doktor ekonom.nauk; BRAZOVSKAYA, T.I.; BELOUSOVICH, S.N.; VESELKOV, F.S.; KATSENELENBAUM, Z.S.; IVLIYEV, I.V.; SEMENOV, I.Ya.; YAKOVLEV, M.S.; LAYKHTMAN, R.I.; GOFMAN, G.A.; SHUMOV, N.S.; VINOKUR, R.D., dotsent; TATSIY, G.M., red.; KONDRAT'YEVA, A., red.; TELEGINA, T., tekhn.red.

[Finances of enterprises and branches of the national economy] Finansy predpriiatii i otraslei narodnogo khoziaistva. Avtorskii kollektiv pod rukovodstvom A.M.Birmana. Moskva, Gosfinizdat, 1960. 576 p. (MIRA 14:3)

1. Moskovskiy finansovyy institut (for Vinokur).
(Finance)

APPROVED FOR RELEASE: 07/16/2001 CIA-RDP86-00513R001755120003-7"

"APPROVED FOR RELEASE: 07/16/2001 CIA-RDP86-00513R001755120003-7

BAKANOV, M.I., doktor ekonom. nauk, prof.; KAPELYUSH, S.M., kand. ekonom. nauk, dotsent; KASHAYEV, A.N., kand. ekonom. nauk, dotsent; GOFMAN, G.A., kand. ekonom. nauk; TATSIY, G.M., kand. ekonom. nauk, dotsent; KAPLAN, A.I., kand. ekonom. nauk, dotsent; STARCHAKOVA, I.I., red.; TERYUSHIN, M.I., tekhn. red.

[Accounting principles in commerce] Osnovy bukhgalterskogo ucheta v torgovle. Moskva, Gos. izd-vo torg. lit-ry, 1961. 376 p. (MIRA 14:10)

1. Kafedra ucheta i statistiki Zaochnogo instituta sovetskoy torgovli (for Bakanov, Kapelyush, Kashayev, Gofman, Tatsiy, Kaplan).
(Russia—Commerce—Accounting)

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"APPROVED FOR RELEASE: 07/16/2001 CIA-RDP86-00513R001755120003-7

L 5294-66 EWT(m)/EWP(j)/EWG(v) RM

ACC NR: AP5024998 SOURCE CODE: UR/0286/65/000/016/0061/0062

AUTHORS: Krasovitskiy, B. M.; Pereyaslova, D. G.; Fodiman, I. V.; Tatsiy, G. V.

ORG: none

18
8

TITLE: A method for obtaining daylight fluorescent pigments. Class 22, No. 173867 [announced by All-Union Scientific Research Institute of Single Crystals (Vsesoyuznyy nauchno-issledovatel'skiy institut monokristallov)]

SOURCE: Byulleten' izobreteniy i tovarnykh znakov, no. 16, 1965, 61-62

TOPIC TAGS: pigment, dye, resin, single crystal, n toluolsulfamide, melamine, formaldehyde

ABSTRACT: This Author Certificate presents a method for obtaining daylight fluorescent pigments based on a resin of n-toluolsulfamide, melamine, and formaldehyde, to which a dye is added. To increase the fastness of colors in daylight, cation pigments are used as dyes. Their general formula is:

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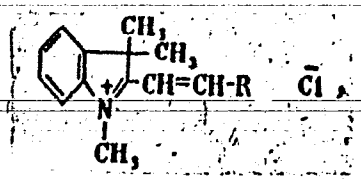

where R is an aromatic or a heterocyclic radical. A luminophor may be added to the dye.

SUB CODE: MT, GC/ SUBM DATE: 07Sep64/ ORIG REF: 000/ OTH REF: 000

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"APPROVED FOR RELEASE: 07/16/2001 CIA-RDP86-00513R001755120003-7

TATSIY, O.O.

KLIMENKO, I.P., arkhitektor; TATSIY, O.O., vidpovidal'nyy redaktor; LITVINENKO, L. tekhnicheskiy redaktor.

[Standard plan for a Kr-T 1 covered threshing floor] Typovyi proekt krytoho toku Kr-T 1. Kyiv, Derzh.vyd-vo tekhn.lit-ry Ukrainy, 1947. 7 p. (MLRA 10:4)

1. Ukraine. Upravlinnya v. spravakh sil's'koho i kolhospnogo budivnitstva. (Farm buildings)

APPROVED FOR RELEASE: 07/16/2001 CIA-RDP86-00513R001755120003-7"

"APPROVED FOR RELEASE: 07/16/2001 CIA-RDP86-00513R001755120003-7

DIATYAN, G., inzh.; NESTERENKO, I., inzh.; TATSIY, Ye., arkhitektor

Universal one-story industrial building. Prom.stroi.i inzh.soor. 4 no.1:5-10 Ja-F '62. (MIRA 15:8)
(Industrial buildings) (Precast concrete construction)

APPROVED FOR RELEASE: 07/16/2001 CIA-RDP86-00513R001755120003-7"

"APPROVED FOR RELEASE: 07/16/2001 CIA-RDP86-00513R001755120003-7

TATSIY, Ye., inzh.; SOLOV'YEV, V., inzh.

Experimental construction of industrial buildings and structures. Prom. stroi. i inzh. sooor. 5 no.5:23-26 S-O '63. (MIRA 16:12)

APPROVED FOR RELEASE: 07/16/2001 CIA-RDP86-00513R001755120003-7"

"APPROVED FOR RELEASE: 07/16/2001 CIA-RDP86-00513R001755120003-7

TATSIY, Yevgeniy Alekseyevich; SURYGINA, E., red.

[Office and employees' service buildings of industrial enterprises] Bytovye pomeshcheniia promyshlennykh predpriiatii. Kiev, Budivel'nyk, 1965. 54 p.
(MIRA 18:8)

APPROVED FOR RELEASE: 07/16/2001 CIA-RDP86-00513R001755120003-7"

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materials and principles

SUBMITTED: 22Feb65 ENCL: 04 SUB CODE: LS

APPROVED FOR RELEASE: 07/16/2001 CIA-RDP86-00513R001755120003-7"

"APPROVED FOR RELEASE: 07/16/2001 CIA-RDP86-00513R001755120003-7

PUSHKASH, I.I.; LAZAREV, B.L.; TATSIYENKO, I.A.

Forced operation of blast furnaces with larger diameter tuyeres.
Metallurg 9 no.7:10-12 Jl '64. (MIRA 17:8)

1. Nizhne-Tagil'skiy metallurgicheskiy kombinat.

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"APPROVED FOR RELEASE: 07/16/2001 CIA-RDP86-00513R001755120003-7

TATSIYENKO, I.A.

Studying the horizontal distribution of materials in blast furnace tops. Metallurg 10 no.8:14-16 Ag '65.

(MIRA 18:8)

1. Nizhne-Tagil'skiy metallurgicheskiy kombinat.

APPROVED FOR RELEASE: 07/16/2001 CIA-RDP86-00513R001755120003-7"

"APPROVED FOR RELEASE: 07/16/2001 CIA-RDP86-00513R001755120003-7

GERASIMOV, A.G., kand. tekhn. nauk; TATSIYENKO, P.A., inzh.

Industrial testing of "Lisakovskiy" deposit brown hematites to determine the possibility of their beneficiation. Gor.zhur. no.11:44-50 N '48. (MIRA 11:11)

1. Zavod Sibelektrostal'.
(Ore dressing) (Hematite)

APPROVED FOR RELEASE: 07/16/2001 CIA-RDP86-00513R001755120003-7"

"APPROVED FOR RELEASE: 07/16/2001 CIA-RDP86-00513R001755120003-7

AKATOV, A.I., GERASIMOV, A.G., TATSIYENKO, P.A.

Beneficiation of "Lisakovskiy" deposit brown ores at the "Sibelektrostal'" ore dressing pilot plant. Obog. rud 2 no. 6:23-30 '57. (MIRA 11:8)

(Kustanay Province--Iron ores)
(Ore dressing)

APPROVED FOR RELEASE: 07/16/2001 CIA-RDP86-00513R001755120003-7"

"APPROVED FOR RELEASE: 07/16/2001 CIA-RDP86-00513R001755120003-7

SOV/137-59-3-5202

Translation from: Referativnyy zhurnal. Metallurgiya, 1959, Nr 3, p 38 (USSR)

AUTHORS: Gerasimov, A. G., Suslikov, G. F., Tatsiyenko, P. A.

TITLE: On the Utilization of Iron Ores of the Nizhne-Angarskiy Ore Body (K voprosu ob ispol'zovanii zheleznykh rud Nizhne-Angarskogo mestorozhdeniya)

PERIODICAL: Tekn.-ekon. byul. Sovnarkhoz Krasnoyarskogo ekon. adm. r-na, 1958, Nr 2, pp 12-15

ABSTRACT: The final results of concentration of ore by the gravitation-flotation and magnetic-roasting methods under laboratory conditions are adduced. The calculations performed serve to substantiate the proposed immediate exploitation of the Nizhne-Angarskiy iron-ore body.

M. M

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"APPROVED FOR RELEASE: 07/16/2001 CIA-RDP86-00513R001755120003-7

AUTHOR: Tatsiyenko, P. A., Engineer 133-58-4-3/40

TITLE: The Stability of Strongly Magnetic Oxides of Iron in Roasted Ores (Ustoychivost' sil'nomagnitnykh okislov zheleza v obozhzhennykh rudakh)

PERIODICAL: Stal', 1958, Nr 4, pp 295-297 (USSR)

ABSTRACT: The stability of $\gamma$ ferric oxide formed during oxidation of various ores submitted to magnetic roasting was investigated. The investigation was carried out in order to determine the kind of magnetic roasting most suitable for a given ore for the purpose of magnetic separation. The procedure adopted was to heat 15 g samples of ores in air for 2-4 hours at temperatures from 100 to 900°C on continuous stirring of the samples. After cooling the samples were analysed for Fe and FeO content and submitted to magnetic separation in a tube magnetic analyser at an intensity of magnetic field of about 1000 Oe. After which the yield of magnetic and non-magnetic fractions and their Fe and FeO content were determined. It was found that on oxidation in a stream of air the most stable $\gamma Fe_2O_3$ is formed in roasted Kerch' ores (stable to 700°C) and in naturally alloyed with chromium

Card 1/2

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"APPROVED FOR RELEASE: 07/16/2001 CIA-RDP86-00513R001755120003-7

133-58-4-3/40

The Stability of Strongly Magnetic Oxides of Iron in Roasted Ores

and nickel Okkerman brown ironstones, and brown ironstones from Lisakovskoye, Apalayevskoye and Akhtenskoye deposits (stable to 550 to 600°C). For these ores, reducing-oxidising roasting can be successfully applied. Less stable $\gamma Fe_2O_3$ is formed in roasted Krivoy Rog oxidised ferric quartzites and Tukan brown ironstones. For these ores reducing roasting should be used. Subsequent oxidation in air under strictly controlled temperature conditions can be used only in order to counteract the negative influence of over-reduction (to transform FeO into $Fe_3O_4$). The stability of $\gamma Fe_2O_3$ in various ores is apparently determined by their chemical and mineralogical composition.
There are 2 tables, 3 figures and 9 references, 8 of which are Soviet, 1 English.

ASSOCIATION: Zavod "Sibelektrostal'" (Sibelektrostal' Works)

1. Iron oxides--Magnetic properties 2. Ores--Properties
3. Ores--Processing

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APPROVED FOR RELEASE: 07/16/2001 CIA-RDP86-00513R001755120003-7"

"APPROVED FOR RELEASE: 07/16/2001 CIA-RDP86-00513R001755120003-7

SOV-127-58-9-10/20

AUTHORS: Gerasimov, A.G., Suslikov, G.F., Tatsiyenko, P.A. and Medvedkov, V.I.

TITLE: New Data on the Concentration of Iron Ores of the Nizhnyaya Angara Deposits (Novyye dannyye po obogashcheniyu zheleznykh rud Nizhne-Angarskogo mestorozhdeniya)

PERIODICAL: Gornyy zhurnal, 1958, Nr 9, pp 56-62 (USSR)

ABSTRACT: Data on the concentration processes of the Nizhnyaya Angara iron ore deposits have been collected and studied during the last 10 years by the Instituty Mekhanobr, Uralmekhanobr i Sibirskiy metallurgicheskiy institut (The Mekhanobr, Uralmekhanobr Institutes and the Siberian Metallurgical Institute) and as a result two rational methods of concentration have been proposed: gravity-flotation and magnetic-roasting methods. Comparative results are shown in table 1. After technical and economical calculations, the Mekhanobr, represented by N.P. Titkov, I.N. Kachan, G.I. Yudenich, Z.S. Bogdanova, V.F. Savel'yev, Engineer Ruchkin and D.I. Frentsuzov, recommended the gravity-flotation method. Although these findings were confirmed by laboratory tests conducted in the Krasnoyarsk Plant Sibelektrostal' by M.D. Kosul'nikov, V.S. Tomilin, A.M. Komlev, A.D. Komleva,

Card 1/3

APPROVED FOR RELEASE: 07/16/2001 CIA-RDP86-00513R001755120003-7"

"APPROVED FOR RELEASE: 07/16/2001 CIA-RDP86-00513R001755120003-7

SOV-127-58-9-10/20

New Data on the Concentration of Iron Ores of the Nizhnyaya Angara Deposits

M.G. Kurochkin, N.S. Kosul'nikova, A.S. Kozhevnikov, S.M. Luk'yanov, V.B. Lutsiyan, V.V. Makarov, D.Ye. Necheporenko, and G.L. Suslikova in 1957-58, they also found the possibility of obtaining much better results of the concentration by the magnetic-roasting method. According to their findings, the optimum degree of reduction of roasted ore is in the 120-150 % range, as compared with 83-102 % findings of the Mekhanobr (Fig. 1). Research on various reducers showed that the best results of reducing were obtained when coal was used as fuel. Its use allowed the necessary degree of reduction to be obtained at a temperature of 650-700°, which must have been much higher when gas was used as a fuel. As the Krasnoyarsk region has huge reserves of brown coal, it was decided to use only the magnetic-roasting method. Brown coal consumption amounted to 8.1 % of the processed ore on the average. The low cost of brown coal makes this method highly profitable. The crushed ore of class minus 12 mm was subjected to the magnetic-roasting process; after that it was divided into two classes of plus 2 mm and minus 2 mm. The ore of class plus 2 mm was then subjected to the dry magnetic separation and the obtained concentration, together with ore of class minus 2 mm,

Card 2/3

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"APPROVED FOR RELEASE: 07/16/2001 CIA-RDP86-00513R001755120003-7

SOV-127-58-9-10/20

New Data on the Concentration of Iron Ores of the Nizhnyaya Angara Deposits

was again subjected to wet magnetic separation. Further concentration operations were continued, according to two schemes elaborated by the Mekhanobr Institute (Fig. 2) and the Sibelektrostal' Plant (Fig. 3). Best results were obtained with ores reduced by 120-150 % (Table 3). After testing the obtained concentrates with various iron ores of the Nizhnyaya Angara deposits, the Sibelektrostal' Plant proposed a general method of concentration for all ores of the region. The cost of cast iron obtained from the concentrates (Table 7) of ores of the Nizhnyaya Angara deposits is, after the Magnitogorsk cast iron, the lowest in the Union.
There is 1 graph, 7 tables and 5 schemes.

ASSOCIATION: Krasnoyarskiy zavod Sibelektrostal (The Krasnoyarsk Sibelektrostal' Plant); Krasnoyarskoye geologicheskoye upravleniye (The Krasnoyarsk Geological Administration)

1. Iron ores--Processing

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APPROVED FOR RELEASE: 07/16/2001 CIA-RDP86-00513R001755120003-7"

"APPROVED FOR RELEASE: 07/16/2001 CIA-RDP86-00513R001755120003-7

GERASIMOV, A.G.; SUSLIKOV, G.F.; TATSIYENKO, P.A.; MEDVEDKOV, V.I.

New data on Nizhne-Angarsk deposit iron ore dressing. Gor. zhur. no.9:56-62 S '58. (MIRA 11:10)

1. Krasnoyarskiy zavod Sibelektrostal' (for Gerasimov, Suslikov, Tatsiyenko). 2. Krasnoyarskoye geologicheskoye upravleniye (for Medvedkov).

(Nizhne-Angarsk--Iron mines and mining) (Ore dressing)

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"APPROVED FOR RELEASE: 07/16/2001 CIA-RDP86-00513R001755120003-7

SOV/133-58-10-5/31

AUTHORS: Tatsienko, P.A., Engineer and Gerasimov, A.G., Candidate of Technical Sciences

TITLE: From Experience in Magnetising Roasting of Iron Ores in a Rotary Kiln (Opyt magnitiziruyushchego obzhiga zheleznykh rud v trubchatoy vrashchayushcheysya pechi)

PERIODICAL: Stal', 1958, Nr 10, pp 877 - 882 (USSR)

ABSTRACT: Experience in operating a Lurgi-type rotary kiln designed by Soyuzteplostroy in 1954 for magnetising roasting of iron ores is described. The kiln is 30 m long, 2.2 m outside diameter and can rotate with 0.64, 0.46 and 0.33 rpm, fired with producer gas. The degree of reduction in % is expressed by the proportion of ferric oxide transformed into magnetite:

$$r = \frac{Fe^{2+}}{Fe_{total}} \cdot 3 \cdot 100 .$$

Optimum roasting conditions for various ores were established. It is pointed out that in order to obtain high indices for the beneficiation process, the roasting should be carried out with some degree of over-reduction (up to

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SOV/133-58-10-5/31

From Experience in Magnetising Roasting of Iron Ores in a Rotary Kiln

110-150%). The optimum degree of reduction for each type of ores should be experimentally established. It is advantageous to treat Kerch' Tabachnyye Ores, Akkermanovskiye and Lisakovskiye brown ironstones by a reducing-oxidising roasting (reducing to $Fe_3O_4$ and then oxidising in stream of air at 550 - 700 °C to $\gamma$-$Fe_2O_3$. All the ores tested and particularly those difficult to reduce can be successfully roasted with a solid reducing agent. Brown coal is particularly suitable for the purpose. The output of the kiln and its efficiency can be substantially increased by improving thermal insulation of the working space and air tightness of the charging end. However, a number of deficiencies of the kiln (low durability of the peripheral burners, insufficient contact between the ore and reducing atmosphere, short length of the heat-exchange zone, complexity and low reliability of the gas

Card 2/3

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SOV/133-58-10-5/31

From Experience in Magnetising Roasting of Iron Ores in a Rotary Kiln

and air supply systems) can be removed only by fundamentally changing the technology of roasting, e.g. transfer to a solid reducing agent.

There are 2 tables, 4 figures and 10 Soviet references.

ASSOCIATION: Krasnoyarskiy zavod "Sibelektrostal'" ("Sibelektrostal'" Works in Krasnoyarsk)

Card 3/3

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"APPROVED FOR RELEASE: 07/16/2001 CIA-RDP86-00513R001755120003-7

SOV/127-58-11-9/16

AUTHORS: Gerasimov, A.G., Candidate of Technical Sciences and Tatsiyenko, P.A., Engineer

TITLE: Industrial Concentration Tests of Lisakovo Brown Iron Ores (Promyshlennyye ispytaniya lisakovskikh burykh zheleznyakov na obogatimost')

PERIODICAL: Gornyy zhurnal, 1958, Nr 11, pp 44 - 50 (USSR)

ABSTRACT: The Mekhanobr and the Uralmekhanobr Institutes studied various schemes for the concentration of Lisakovo brown iron ores. Different types of ores of the deposit were tested at the experimental mill of the Sibelektrostal' Plant and the results of these tests (Tables 1-9) showed that the best concentration was obtained by the magnetic - roasting method. The following scientists took part in these tests: Candidates of Technical Sciences V.I. Karmazin and F.S. Suvorov, Engineers D.I. Frantsuzov, P.P. Yurov, M.D. Kosul'nikov, M.G. Kurochkin, S.M. Luk'yanov, V.V. Makarov; A.I. Akatov

Card 1/2

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"APPROVED FOR RELEASE: 07/16/2001 CIA-RDP86-00513R001755120003-7

Industrial Concentration Tests of Lisakovo Brown Iron Ores SOV/127-58-11-9/16

Mekhanobr) and I.Ya. Bruk and V.M. Yermakova (Uralmekhanobr). There are 9 tables, 3 graphs and 3 Soviet references.

ASSOCIATION: Zavod Sibelektrostal' (The Sibelektrostal' Plant)

Card 2/2 1. Iron ores--Processing

APPROVED FOR RELEASE: 07/16/2001 CIA-RDP86-00513R001755120003-7"

"APPROVED FOR RELEASE: 07/16/2001 CIA-RDP86-00513R001755120003-7

TATSIYENKO, P. A.: Master Tech Sci (diss) -- "Investigation of the technology of magnetizing roasting of oxide iron ores from certain deposits". Sverdlovsk, 1959. 18 pp (Min Higher Educ USSR, Ural Polytech Inst im S. M. Kirov), 150 copies (KL, No 18, 1959, 125)

APPROVED FOR RELEASE: 07/16/2001 CIA-RDP86-00513R001755120003-7"

"APPROVED FOR RELEASE: 07/16/2001 CIA-RDP86-00513R001755120003-7

GERASIMOV, A.G., kand.tekhn.nauk; TATSIYENKO, P.A., kand.tekhn.nauk; LUK'YANOV, S.M., inzh.; RYBAKOV, V.N., inzh.

Industrial testing of iron-titanium-vanadium ores of the "Lysanskiy" deposit. Gor.zhur. no.10:59-60 O '60. (MIRA 13:9)

1. Krasnoyarskiy zavod "Sibelektrostal'".
(Ilmenite--Analysis) (Mineralogy, Determinative)

APPROVED FOR RELEASE: 07/16/2001 CIA-RDP86-00513R001755120003-7"

"APPROVED FOR RELEASE: 07/16/2001 CIA-RDP86-00513R001755120003-7

DOVZHIK, N.S., inzh.; TATSIYENKO, P.A., kand.tekhn.nauk

Prospects for the development of the Kerch ore center. Mat. i gornorud. prom. no.2:48-51 Mr-Ap '62. (MIRA 15:11)
(Kerch Basin--Iron mines and mining)

APPROVED FOR RELEASE: 07/16/2001 CIA-RDP86-00513R001755120003-7"

"APPROVED FOR RELEASE: 07/16/2001 CIA-RDP86-00513R001755120003-7

BARISHPOLETS, V.T.; DOVZHIK, N.S.; TATSIYENKO, P.A.

Technology of dressing Kerch tabacco-colored ores.
Gor. zhur. no.12:37-40 D '62. (MIRA 15:11)

1. Kamyshburunskiy zheleznorudnyy kombinat.
(Kerch Peninsula--Ore dressing)
(Iron ores)

APPROVED FOR RELEASE: 07/16/2001 CIA-RDP86-00513R001755120003-7"

"APPROVED FOR RELEASE: 07/16/2001 CIA-RDP86-00513R001755120003-7

BUSHUYEV, V.P.; GUBIN, G.V.; GONCHARENKO, Yu.I.; KARMAZIN, V.I.; MARGULIS, V.S.; MITROV, V.A.; NIKOLAYENKO, N.O.; BOBRUSHKIN, L.G.; BUROV, A.I.; RYBAKOV, V.N.; SOSHIN, A.F.; TATSIYENKO, P.A.; TOVSTANOVSKIY, O.D.; YUROV, P.P.; Prinimali uchastiye: NIFAGINA, A.A.; CHERNYY, I.I.; GERSHOYG, Yu.G.; KOSTIKOV, A.G.; DOLGIKH, M.A.; MOVSKOVICH, S.A.; STUPIN, D.D.; NEVOYSA, G.G.

Magnetization roasting of Kerch ores in the experimental factory of Kamysh-Burun Combine. Gor. zhur. no.12:30-37 D '62. (MIRA 15:11)

1. Institut Mekhanobrchermet, Krivoy Rog (for Bushuyev, Gubin, Goncharenko, Karmazin, Margulis, Mitrov, Nikolayenko, Nifagina, Chernyy, Gershoyg, Kostikov). 2. Kamyshburunskiy zhelezorudnyy kombinat, Kerch' (for Bobrushkin, Burov, Rybakov, Soshin, Tatsiyenko, Tovstanovskiy, Yurov, Dolgikh, M.A.; Movskovich, S.A.; Stupin, D.D.; Nevoysa).
(Kerch Peninsula—Ore dressing)
(Iron ores)

APPROVED FOR RELEASE: 07/16/2001 CIA-RDP86-00513R001755120003-7"

"APPROVED FOR RELEASE: 07/16/2001 CIA-RDP86-00513R001755120003-7

TATSIYENKO, P. A., kand. tekhn. nauk

Metallurgical value of iron concentrates from Kerch deposit ores. Met. i gornorud. prom. no.1:45-48 Ja-F '63. (MIRA 16:4)

1. TSentral'naya nauchno-issledovatel'skaya laboratoriya Kamyshburunskogo kombinata.

(Kerch Peninsula—Iron ores)

APPROVED FOR RELEASE: 07/16/2001 CIA-RDP86-00513R001755120003-7"

"APPROVED FOR RELEASE: 07/16/2001 CIA-RDP86-00513R001755120003-7

AKATOV, A.I.; Prinimali uchastiye: TATSIYENKO, P.A.; LUK'YANOV, S.M.; KOSUL'NIKOV, M.D.; KUSOVA, T.A.; YEGOROV, N.A.

Efficient flow sheet for Lisakovka deposit ore dressing.
Obog. rud. 8 no.3:8-12 '63. (MIRA 17:1)

APPROVED FOR RELEASE: 07/16/2001 CIA-RDP86-00513R001755120003-7"

"APPROVED FOR RELEASE: 07/16/2001 CIA-RDP86-00513R001755120003-7

YUROV, P.P. (Kerch'); TATSIYENKO, P.A. (Kerch')

Dependence of the magnetic susceptibility of oolites and cement on the degree of reduction of roasted Kerch ores. Izv. AN SSSR. Met. i gor. delo no.4:24-28 Jl-Ag '64. (MIRA 17:9)

APPROVED FOR RELEASE: 07/16/2001 CIA-RDP86-00513R001755120003-7"

"APPROVED FOR RELEASE: 07/16/2001 CIA-RDP86-00513R001755120003-7

TATSIYENKO, P.A., kand. tekhn. nauk

New developments in research. Stal' 24 no.5:475 My '64.
(MCRA 17:12)

APPROVED FOR RELEASE: 07/16/2001 CIA-RDP86-00513R001755120003-7"

"APPROVED FOR RELEASE: 07/16/2001 CIA-RDP86-00513R001755120003-7

YUROV, P.P.; TATSIYENKO, P.A.

Industrial testing of ore dressing systems for Kerch peninsula "tobacco" ores. Gor.zhur. no.10:63-64 O '64. (MIRA 18:1)

1. Kamyshburunskiy zhelezorudnyy kombinat.

APPROVED FOR RELEASE: 07/16/2001 CIA-RDP86-00513R001755120003-7"

"APPROVED FOR RELEASE: 07/16/2001 CIA-RDP86-00513R001755120003-7

BARISHPOLETS, Vladimir Trofimovich, dots., kand. tekhn. nauk;
TATSIYENKO, Pavel Afanas'yevich, kand. tekhn. nauk;
NEVOYSA, Grigoriy Grigor'yevich, kand. geol.-miner. nauk;
YUROV, Petr Panteleyevich

[Dressing of brown iron ores] Obogashchenie burykh zheleznyakov. [By] V.T.Barishpolets i dr. Moskva, Nedra, 1965. 201 p. (MIRA 18:6)

APPROVED FOR RELEASE: 07/16/2001 CIA-RDP86-00513R001755120003-7"

"APPROVED FOR RELEASE: 07/16/2001 CIA-RDP86-00513R001755120003-7

LEBEDEV, A.Ye.; ANTONOV, V.K.; TATSIYENKO, P.A.; ARBUZOV, V.A.; NEVOYSA, G.G.; Prinimali uchastiye: ZAPARENKO, V.Ye.; KARPOVEIS, B.S.

Experience in the sintering of raw (unconcentrated) "tobasco" ore. Sbor.trud. UNIIM no.11:18-26 '65.

(MIRA 18:11)

APPROVED FOR RELEASE: 07/16/2001 CIA-RDP86-00513R001755120003-7"

"APPROVED FOR RELEASE: 07/16/2001 CIA-RDP86-00513R001755120003-7

TATSIYEVSKIY, V.A. (Moskva)

State of the hemato-encephalic barrier in offspring of gamma-irradiated animals. Pat. fiziol. i eskp. terap. 4 no. 6:66-67 N-D '60. (MIRA 14:2)

1. Iz kafedry rentgenologii i radiologii (zav. - prof. L.D. Lindenbraten) I Moskovskogo meditsinskogo instituta imeni I.M. Sechenova, nauchnyy konsul'tant - prof. G.N. Kassil'.
(BRAIN--BLOOD VESSELS) (GAMMA RAYS)

APPROVED FOR RELEASE: 07/16/2001 CIA-RDP86-00513R001755120003-7"

"APPROVED FOR RELEASE: 07/16/2001 CIA-RDP86-00513R001755120003-7

TATSIYEVSKIY, V.A.

Condition of the hemato-encephalic barrier and of certain other histohematic barriers in offspring of animals with a history of previous radiation sickness. Med.rad. 6 no.3:17-21 '61. (MIRA 14:5)

(RADIATION SICKNESS) (BRAIN)

APPROVED FOR RELEASE: 07/16/2001 CIA-RDP86-00513R001755120003-7"

"APPROVED FOR RELEASE: 07/16/2001 CIA-RDP86-00513R001755120003-7

TATSIYEVSKIY, V.A., kand. med. nauk

Study of the permeability of the histohematic barriers in the progeny of animals which have recovered from acute radiation disease. Trudy TSIU 71:226-233 '64. (MIRA 18:6)

1. Kafedra meditsinskoy radiologii (zav. prof. V.K. Modestov) TSentral'nogo instituta usovershenstvovaniya vrachey.

APPROVED FOR RELEASE: 07/16/2001 CIA-RDP86-00513R001755120003-7"

"APPROVED FOR RELEASE: 07/16/2001 CIA-RDP86-00513R001755120003-7

MELENCHUK, I.P.; TATSIYEVSKIY, V.A.

Evaluation of the method of recording bremsstrahlung of $P^{32}$ in the diagnosis of breast cancer. Med. rad. 10 no.11:39-45 N '65. (MIRA 19:1)

1. Kafedra rentgenologii i radiologii (zav. - prof. L.D. Lindenbraten) I Moskovskogo ordena Lenina meditsinskogo instituta imeni I.M. Sechenova. Submitted October 14, 1964.

APPROVED FOR RELEASE: 07/16/2001 CIA-RDP86-00513R001755120003-7"

"APPROVED FOR RELEASE: 07/16/2001 CIA-RDP86-00513R001755120003-7

12(2), 25(1), 28(1) SOV/128-59-8-11/29

AUTHOR: Tatsiyevsky, V.V., Raskin, K.L., and Aleynik, B.Z., Engineers

TITLE: Semi-Automatic Core Shakeout Installation for Motor Cylinder Head Castings

PERIODICAL: Liteynoye proizvodstvo, 1959, Nr 8, pp 24 - 25 (USSR)

ABSTRACT: The shake-out work is one of the noisiest in processes in the factory. In order to eliminate this noise and create better working conditions, the authors have designed a semi-automatic shake-out installation which brings the motor cylinder head castings by conveyor to a vibrator. The walls of the vibrator are insulated with thick felt and rubber. There are 5 drawings.

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"APPROVED FOR RELEASE: 07/16/2001 CIA-RDP86-00513R001755120003-7

TATSIYEVSKIY, V.V., inzh.

Overhead fork truck with a telescopic hoist. Mekh. i avtom. proizv. 18 no.6:34-36 Je '64. (MIRA 17:9)

APPROVED FOR RELEASE: 07/16/2001 CIA-RDP86-00513R001755120003-7"

"APPROVED FOR RELEASE: 07/16/2001 CIA-RDP86-00513R001755120003-7

TATSIYEVSKIY, V.V., inzh.

Overall mechanization of the warehouse at the Gorkiy Automobile Plant. Mekh. i avtom.proizv. 19 no.3:10-12 Mr '65.

(MIRA 18:4)

APPROVED FOR RELEASE: 07/16/2001 CIA-RDP86-00513R001755120003-7"

"APPROVED FOR RELEASE: 07/16/2001 CIA-RDP86-00513R001755120003-7

TATSIYEVSKIY, V.V., inzh.

Stacker bridge crane with a lifting cabin. Mekh. i avtom. proizv. 19 no.9:13-14 S '65. (MIRA 18:9)

APPROVED FOR RELEASE: 07/16/2001 CIA-RDP86-00513R001755120003-7"

"APPROVED FOR RELEASE: 07/16/2001 CIA-RDP86-00513R001755120003-7

VOROB'YEV, Il'ya Vladimirovich; GILEV, Nikolay Konstantinovich; DREKHSLER, Maksimilian Maksimilianovich; TATSKEVICH, V.A., red.

[New limbing machines] Novye suchkoreznye mashiny. Moskva, Izd-vo "Lesnaia promyshlennost'," 1964. 105 p.
(MIRA 17:7)

APPROVED FOR RELEASE: 07/16/2001 CIA-RDP86-00513R001755120003-7"

"APPROVED FOR RELEASE: 07/16/2001 CIA-RDP86-00513R001755120003-7

MIKHAYLOV, M.N., prof.; TATSKI, L.N., inzh.

Synthetic and facade paints and their use. Stroi. mat. 10 no.2:6-7 F '64. (MIRA 17:6)

APPROVED FOR RELEASE: 07/16/2001 CIA-RDP86-00513R001755120003-7"

"APPROVED FOR RELEASE: 07/16/2001 CIA-RDP86-00513R001755120003-7

SOV/41-10-3-13/14

AUTHORS: Parasyuk, O.S., Petrina, L.Ya. and Tatsunyak, P.I.

TITLE: The Theorem of Chellen - Lehman in the Space With Indefinite Metric (Teorema Chellena - Lemana v prostranstve s indefinitnoy metrikoy)

PERIODICAL: Ukrainskiy matematicheskiy zhurnal, 1958, Vol 10, Nr 3, pp 344 - 346 (USSR)

ABSTRACT: The authors call attention to the close connection between quantum theoretical questions in Hilbert spaces with indefinite metric and the operational theory of these spaces. E.g. the so-called "ghost states" correspond to the fact proved by Pontryagin [Ref 4] that self-adjoint operators in considered spaces may possess eigenfunctions with negative norm. Furthermore it is shown that it is possible to obtain an analogue of the theorem of Chellen - Lehman with the aid of the methods developed by Kreyn and Jokhvidov [Ref 5,6].
There are 9 references, 5 of which are Soviet, and 4 American.

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"APPROVED FOR RELEASE: 07/16/2001 CIA-RDP86-00513R001755120003-7

S/021/62/000/003/004/010
D251/D302

AUTHOR: Tatsunyak, P.I.

TITLE: Jost points in two-dimensional quantum space

PERIODICAL: Akademiya nauk Ukrayins'koyi RSR. Dopovidi, no. 3, 1962, 341 - 344

TEXT: The article gives an adaptation of the four-dimensional theory of Jost points to a two-dimensional quantum field. In four dimensions, a set of points $(\rho_1, \rho_2, \ldots, \rho_n)$ belongs to $\mathrm{Re}T'_n$ (the purely real part of some extended tube $T'_n$) if the convex body formed on them

$$\nu = \sum_k \lambda_k \rho_k; \quad \lambda_k \geq 0; \quad \sum_k \lambda_k = 1; \quad (k=1,2\ldots,n) \quad (1)$$

consists of space-similar vectors. An equivalent criterion is sought for the two-dimensional case, the method of computation differing from that of Jost (Ref. 3: Helv. Phys. Acta, v. 30, no. 409, 1957) since in two-dimensional space there does not exist the trans-

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formation of the Lorentz group into a unimodular second order group which is characteristic of four-dimensional space. The proposed method uses the two-dimensional Lorentz group which is a special case of the unimodular group. The real part of the extended tube, $ReT'_n$ is found explicitly, and hence the criterion for the Jost points is found to be

$$(\rho_k, \rho_l) > 0; \ \rho_{k(l)} \in ReT'_l; \ (k, l = 1, 2, 3...) \quad (17)$$

where the metric

$$(\rho_k, \rho_l) = -\frac{1}{\sin^2 \Psi} (\eta_k, \eta_l) \quad (16)$$

is expressed in terms of the complex Lorentz group parameters and the indices (k, l) refer to different subspaces $T'_k$, $T'_l$ of $T'_n$. It is shown that this is a particular case of the four-dimensional criterion, and that in the two-dimensional case, $ReT'_n$ is doubly-connected. The author concludes by referring to Jost's recent extension to n-dimensional space of the proof of the Hall-Wightman lemma on



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"APPROVED FOR RELEASE: 07/16/2001 CIA-RDP86-00513R001755120003-7

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D251/D302

Jost points in two-dimensional ...

the invariance of Wightman functions with respect to the complex Lorentz group. The most important English-language references read: A. Wightman, Phys. Rev. v. 101, no. 860, 1956; D. Hall, A. Wightman Dan. Mat. Fys. Nedd. v. 31, no. 5, 1957.

ASSOCIATION: Instytut matematyky AN URSR (Institute of Mathematics of the AS UkrSSR)

PRESENTED: by Yu.O. Mytropol's'kyy, Academician of the AS UkrSSR

SUBMITTED: August 23, 1961

Card 3/3

APPROVED FOR RELEASE: 07/16/2001 CIA-RDP86-00513R001755120003-7"

"APPROVED FOR RELEASE: 07/16/2001 CIA-RDP86-00513R001755120003-7

TATSUNYAK, P.I.

The two-dimensional quantum field theory on an axiomatic basis. Vop. mat. fiz. i teor. funk. no.1:168-179 '64. (MIRA 18:2)

APPROVED FOR RELEASE: 07/16/2001 CIA-RDP86-00513R001755120003-7"

"APPROVED FOR RELEASE: 07/16/2001 CIA-RDP86-00513R001755120003-7

MATLAKHOV, L.I.; TATSYUK, G.E.; [illegible]OVSKIY, B.D.; GIL'BERSHTEYN, L.I.

Manufacture of electrically welded pipe without formation of internal burrs. Biul. TSNIICHM no.5:48 '61. (MIRA 14:10)
(Pipe, Steel—Welding)

APPROVED FOR RELEASE: 07/16/2001 CIA-RDP86-00513R001755120003-7"

"APPROVED FOR RELEASE: 07/16/2001 CIA-RDP86-00513R001755120003-7

ZHUKOVSKIY, B.D., kand. tekhn. nauk; ZIL'BERSHTEYN, L.I., kand. tekhn. nauk; MIZERA, V.I., inzh.; PETRUNIN, Ye.P., inzh.; TATCYUK, G.Z., inzh.; Prinimali uchastiye: MATLAKHOV, L.I.; NECHIPORENKO, M.I.; DUPLIY, G.D.; GAPICH, V.I.; FATEYEVA, A.F ; DYN'KO, N.M.; LUGOVENKO, I.P.; DEM'YANOV, B.M.; POSTIL, I.S.; BEZRODNYKH, I.Ya.

Investigating the possibility of manufacturing welded tube blanks for cold forming. Proizv. trub no.11:67-72 '63. (MIRA 17:11)

APPROVED FOR RELEASE: 07/16/2001 CIA-RDP86-00513R001755120003-7"

"APPROVED FOR RELEASE: 07/16/2001 CIA-RDP86-00513R001755120003-7

TATTAR, A. V.: Master Biol Sci (diss) -- "The fauna of birds and mammals of the Upper Quaternary deposits of the caves of the upper Don and the Zhiguli Mountains and the conditions of its existence". Leningrad, 1959. 16 pp (Min Higher Educ RSFSR, Leningrad State Pedagogical Inst im A. I. Gertsen, Chair of Zoology), 150 copies (KL, No 16, 1959, 107)

APPROVED FOR RELEASE: 07/16/2001 CIA-RDP86-00513R001755120003-7"

"APPROVED FOR RELEASE: 07/16/2001 CIA-RDP86-00513R001755120003-7

TATTAR, A.V.

Mammals and birds from Upper Quaternary sediments in the caves of the upper Don Valley and Zhiguli Hills, and the conditions governing their existence. Uch. zap. Ped. inst. Gerts. 179: 113-189 '58. (MIRA 16:5)

(Don Valley—Cave fauna) (Zhiguli Hills—Cave fauna)

APPROVED FOR RELEASE: 07/16/2001 CIA-RDP86-00513R001755120003-7"

"APPROVED FOR RELEASE: 07/16/2001 CIA-RDP86-00513R001755120003-7

TATTAY, Gyorgy, okleveles epiteszmernok

Data on the parking mechanisms for bicycles. Banyaterv no. 12:56-73 D 61.

APPROVED FOR RELEASE: 07/16/2001 CIA-RDP86-00513R001755120003-7"

"APPROVED FOR RELEASE: 07/16/2001 CIA-RDP86-00513R001755120003-7

TATTI, Ya.Ya. (Petrozavodsk, Karel'skaya ASSR, ul. Dzerzhinskogo, d.6)

Contribution to the method of fixation of anterior shoulder dislocations. Ortop., travm. i protez. 24 no.8:73-74 Ag '63. (MIRA 17:1)

1. Iz Karel'skoy respublikanskoy bol'nitsy (glavnyy vrach - L.G. Filimonova).

APPROVED FOR RELEASE: 07/16/2001 CIA-RDP86-00513R001755120003-7"

"APPROVED FOR RELEASE: 07/16/2001 CIA-RDP86-00513R001755120003-7

TATTI, Ya.Ya.; RAUDSEP, M.Ya. (Petrozavodsk)

Removal of a spinal cord tumor of the hourglass type metastasizing into the thoracic cavity. Vop. neirokhir. 27 no.2:46-47 Mr-Ap '63. (MIRA 17:2)

1. Respublikanskaya bol'nitsa Karel'skoy ASSR.

APPROVED FOR RELEASE: 07/16/2001 CIA-RDP86-00513R001755120003-7"

"APPROVED FOR RELEASE: 07/16/2001 CIA-RDP86-00513R001755120003-7

BABUTIA, I.; TATU, Gh.

Experimental research on supplementary losses in asynchronous machines. Bul St si Tehn Tim 7:207-212 '62.

APPROVED FOR RELEASE: 07/16/2001 CIA-RDP86-00513R001755120003-7"

"APPROVED FOR RELEASE: 07/16/2001 CIA-RDP86-00513R001755120003-7

POPOVICI, Alex, ing.; TATU, Gheorghe, ing.; NICOARA, Pavel, ing.; BABUTIA, Ion, ing.; CRACIUNESCU, Victor, ing. (Timisoara)

On the reduction of supplementary no-load losses in asynchronous motors. Electrotehnica 12 no.5:166-171 My'64.

1. Director, "Electromotor" Enterprise, Timisoara (for Popovici). 2. Assistant Chief, "Electromotor" Enterprise, Timisoara (for Tatu, Nicoara). 3. Head of the Laboratories, "Electromotor" Enterprise, Timisioara (for Babutia). 4. Assistant Chief Designer, "Electromotor" Enterprise, Timisoara (for Craciunescu).

APPROVED FOR RELEASE: 07/16/2001 CIA-RDP86-00513R001755120003-7"

"APPROVED FOR RELEASE: 07/16/2001 CIA-RDP86-00513R001755120003-7

MINOIU, I.; TATU, N.; LUCA, V.; POPA, P.

Study on the functional behavior of some types used in tooth sprocket chain drives. Bul Inst Petrol Rum 9: 133-142 '63.

APPROVED FOR RELEASE: 07/16/2001 CIA-RDP86-00513R001755120003-7"

"APPROVED FOR RELEASE: 07/16/2001 CIA-RDP86-00513R001755120003-7

TATU, V.

Special lamps of the Schuler type for hyperfine structures. p. 521.

STUDII SI CERCETARI DE FIZICA. (Academia Republicii Populare Romine. Institutul de Fizica.) Bucuresti, Rumania. Vol. 9, no. 4, 1958.

Monthly List of East European Accessions (EEAI) LC, Vol. 8, no. 7, July, 1959.

Uncl.

APPROVED FOR RELEASE: 07/16/2001 CIA-RDP86-00513R001755120003-7"

"APPROVED FOR RELEASE: 07/16/2001 CIA-RDP86-00513R001755120003-7

TATU, V.

8

Determination of the nuclear magnetic moment of $Hg^{199}$ and also the hyperfine structure of the mercuric iodide 5461-A. line. Ion Agirbiceanu, Nicolas Ionescu-Pallas, Vasile Drăgănescu, Nicolas Comaniciu, and Vasile Tatu (Inst. At. Phys., Bucarest-Magurele, Romania). *Compt. rend.* 250, 317-18(1960).—A previous measurement of the magnetic moment (cf. *CA* 52, 2526c) was reevaluated and the work was repeated with new equipment to eliminate some of the exptl. errors. A value of $\mu_{199}$ = 0.506 n.m. was obtained; this agrees well with the values obtained by magnetic resonance. The interval factor obtained was $A(^3S_1)$ = 0.7166 cm.$^{-1}$ for $Hg^{199}$. Arnold Friedman

APPROVED FOR RELEASE: 07/16/2001 CIA-RDP86-00513R001755120003-7"

"APPROVED FOR RELEASE: 07/16/2001 CIA-RDP86-00513R001755120003-7

AGARBICHANU, I.I. [Agarbiceanu, I.]; BLANARU, L.; DRAGANESKU, V.; IONESKU-PALLAS, N.I. [Ionesco-Pallas, N.J.]; KOMANICHU, N.; TATU, V.

Determining the nuclear magnetic moment of the isotope $Hg^{199}$ from the hyperfine structure of the HgI 5461 Å line. Opt.i spektr. 10 no.3:297-300 Mr '61. (MIRA 14:8)

1. Institut atomnoy fiziki AN Rumynskoy Narodnoy Respubliki, Bukharest.
(Nuclear moments) (Mercury--Isotopes) (Interferometry)

APPROVED FOR RELEASE: 07/16/2001 CIA-RDP86-00513R001755120003-7"

"APPROVED FOR RELEASE: 07/16/2001 CIA-RDP86-00513R001755120003-7

DRAGANESCU, V.; COMANICIU, N.; BLANARU, L.; TATU, V.

The Fabry-Perot standards with improved properties. Studii cerc fiz 12 no.2:441-448 '61.

1. Institutul de fizica atomica Bucuresti.

(Spectroscope) (Interference(Light))

APPROVED FOR RELEASE: 07/16/2001 CIA-RDP86-00513R001755120003-7"

"APPROVED FOR RELEASE: 07/16/2001 CIA-RDP86-00513R001755120003-7

S/058/62/000/010/032/093
A061/A101

AUTHORS: Agirbiceanu, I., Comaniciu, N., Drăgănescu, V., Ţatu, V.

TITLE: The isotopic constant of mercury

PERIODICAL: Referativnyy zhurnal, Fizika, no. 10, 1962, 37, abstract 10B292 ("Studii şi cercetări fiz. Acad. RPR", 1961, v. 12. no. 3, 645 - 652, Rumanian; summaries in Russian and French)

TEXT: The isotopic constant of mercury was calculated on the basis of the deformed nucleus model. The nuclear radius was determined from the comparison with the experimental value of the isotopic constant, obtained from the isotopic shift of the spectral lines.

[Abstracter's note: Complete translation]

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"APPROVED FOR RELEASE: 07/16/2001 CIA-RDP86-00513R001755120003-7

S/081/62/000/024/006/073
B108/B186

AUTHOR: Tatu, V.

TITLE: Spectrophotometric determination of the half-life of $Zn^{65}$

PERIODICAL: Referativnyy zhurnal. Khimiya, no. 24, 1962, 73, abstract 24B510 (Studii şi cercetări fiz. Acad. RPR, v. 12, no. 3, 1961, 653 - 659 [Rum.; summaries in Russ. and Fr.])

TEXT: A spectrophotometric method is proposed for determining $T_{1/2}$ of $Zn^{65}$ by measuring the optical densities of the $Cu^{65}$ and $Zn^{65}$ spectral lines. The value $T_{1/2} = 249.7 \pm 1.4$ days is obtained. [Abstracter's note: Complete translation.]

Card 1/1

APPROVED FOR RELEASE: 07/16/2001 CIA-RDP86-00513R001755120003-7"

"APPROVED FOR RELEASE: 07/16/2001 CIA-RDP86-00513R001755120003-7

AGIRBICEANU, I.I.; COMANICIU, N.T.; TATU, V.S.

On the variation of the refractive index of air as a function of pressure. Metrologia apl 11 no.9:427-430 S '64.

APPROVED FOR RELEASE: 07/16/2001 CIA-RDP86-00513R001755120003-7"

"APPROVED FOR RELEASE: 07/16/2001 CIA-RDP86-00513R001755120003-7

ACCESSION NR: AP4020919 S/0051/64/016/002/0182/0186

AUTHOR: Draganesku, V.; Komanichu, N.; Tatu, V.; Ionesku-Pallas, N.Zh.

TITLE: Hyperfine and isotope structure of the 5535 Anstrom line of Ba I

SOURCE: Optika i spektroskopiya, v.16, no.2, 1964, 182-186

TOPIC TAGS: hyperfine structure, isotope structure, isotope shift, barium(I), barium(I) resonance line, hfs theory, LS coupling calculations

ABSTRACT: The 5535 Å Ba I line has been investigated by H.Kopefermann and G.Wessel (Nachr.Akad.Wissensch.,Gottingen,Math.-Phys.No.2,53,1948), O.H.Arroe (Phys.Rev.,79, 836,1950) and later by D.A.Jackson (Ibid.,106,948,1957 and Proc.Roy.Soc.,A263,289, 1961), but only the last, who used absorption in an atomic beam, was able to discern hyperfine structure. The present theoretical and experimental investigation of this resonance line, associated with the $6s^2\ {}^1S_0$--$6s6p\ {}^1P_1$ transition, was undertaken to check the experimental data and provide a theoretical explanation thereof. (Jackson noted a discrepancy between the observed and calculated intensities and hypothesized a small hfs (10 mK) for the odd isotopes.) The present experimental work was also carried out by the absorption in an atomic beam technique; the setup

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"APPROVED FOR RELEASE: 07/16/2001 CIA-RDP86-00513R001755120003-7

ACCESSION NR: AP4020919

for obtaining the atomic beam was an improved version of the apparatus described by V.Draganesku (Opt.i spektro.,10,301,1961) and included provision for water-cooling of the evaporator in order to enhance the vacuum. A special device consisting of two mirrors with slits was employed to make the light beam bass several times through the atomic beam, in order to obtain substantial absorption without recourse to increasing the evaporator temperature. The light source was a hollow cathode tube into which the barium was introduced in the form of $BaCl_2$. The spectroscopic instrument was an ISP-22 spectrograph crossed with a Fabry-Perot etalon; the interference patterns were photographed with an exposure of under 15 min and scanned on a Zeiss microphotometer. There were resolved in all 7 components arranged almost symmetrically with respect to the central 138 component in an interval of about 40 mK (1 mK = $10^{-3}$ $cm^{-1}$). The experimental data are compared in a table with the results of calculations based on the intermediate coupling theory of G.Breit and L.A.Wills (Phys. Rev.44,470,1933), assuming Russell-Saunders (L-S) coupling. The computation formulas are adduced, and corrections are made for finite nuclear size and the nuclear magnetism distribution. The agreement between the experimental data and calculated values is satisfactory. The theory at present is not adequate for deciding for or against Jackson's hypothesis. The proposed interpretation allows of explaining some

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ACCESSION NR: AP4020919

of the observed components. Nevertheless further measurements aimed at determining the broadening of the hfs in the spectra of separate isotopes are planned. "The authors are grateful to I.Agarbichan for useful discussions during the course of the work." Orig.art.has: 17 formulas and 1 table.

ASSOCIATION: Institut atomnoi fiziki, Bucharest (Institute of Atomic Physics)

SUBMITTED: 10May63 DATE ACQ: 02Apr64 ENCL: 00

SUB CODE: PH NR REF SOV: 003 OTHER: 009

Card 3/3

APPROVED FOR RELEASE: 07/16/2001 CIA-RDP86-00513R001755120003-7"

"APPROVED FOR RELEASE: 07/16/2001 CIA-RDP86-00513R001755120003-7

AGARBICEANU, I. I.; TATU, V. S.; COMANICIU, N. T.; DRAGANESCU, V. V.

Tin isotopic displacements for $Sn^{116}$, $Sn^{118}$, $Sn^{120}$ isotopes. Studii cerc fiz 16 no.8:877-887 '64.

1. Institute of Atomic Physics, P.O.Box 35, Bucharest.

APPROVED FOR RELEASE: 07/16/2001 CIA-RDP86-00513R001755120003-7"

"APPROVED FOR RELEASE: 07/16/2001 CIA-RDP86-00513R001755120003-7

BAROSU, Mircea, chimist diplomat (Bucuresti); NASTASE, Constanta, cercetator principal (Bucuresti); PERVESCU, Mariana, ing. chimist (Timisoara); TATUCU, Stela, ing. chimist (Timisoara); SUDRESAN, Sever, ing. chimist (Timisoara)

Contributions to the determination of the utilization conditions of some $MnO_2$ types in manufacturing galvanic batteries. Electrotehnica 13 no.2:59-68 F '65.

1. Head of Electrochemical Laboratory of the Research and Electrotechnic Planning Institute (for Barosu). 2. Research and Electrotechnic Planning Institute (for Nastase). 3. "Electro-Banat" Plant, Timisoara (for Pervescu, Tatucu, Sudresan). Submitted August 5, 1964.

APPROVED FOR RELEASE: 07/16/2001 CIA-RDP86-00513R001755120003-7"

"APPROVED FOR RELEASE: 07/16/2001 CIA-RDP86-00513R001755120003-7

ANISIMOVA, A.S., red.; TAUMIN, E.I., red.

[Problems of dust control in ore dressing plants] Voprosy bor'by s pyl'iu na obogatitel'nykh fabrikakh; materialy soveshchaniia. Moskva, In-t gornogo dela, 1963. 118 p. (MIRA 16:10)

1. Soveshchaniye po voprosam bor'by s pyl'yu na obogatitel'nykh fabrikakh, 1962.
(Ore dressing) (Dust collectors)

APPROVED FOR RELEASE: 07/16/2001 CIA-RDP86-00513R001755120003-7"

"APPROVED FOR RELEASE: 07/16/2001 CIA-RDP86-00513R001755120003-7

TATUN, N.A.

MATVEYEV, L.M., inzhener; MARGEVICH, Ya.I., inzhener; GORBUTOVICH, G.D., inzhener; [redacted] inzhener.

Making peat plots with raised surfaces for winning milled peat. Torf.prom. 34 no.1:7-12 '57. (MLRA 10:2)

1. Gor'kovskiy torfotrest (for Matveyev). 2. Kerzhenetskoye torfopredpriyatiye (for Margevich). 3. Torfopredpriyatiye Naziya (for) Gorbutovich). 4.Torfopredpriyatiye Tesovo-2 (for Tatun).
(Peat industry)

APPROVED FOR RELEASE: 07/16/2001 CIA-RDP86-00513R001755120003-7"

"APPROVED FOR RELEASE: 07/16/2001 CIA-RDP86-00513R001755120003-7

TATUNIN, A.T., nauchn. sotr.; MANILOVA, R.Z., nauchn. sotr.; ROVNYY, A.A., nauchn. sotr. Prinimali uchastiye: KOZ'MIN, Yu.G.; RAYNEN, Z.V.; SHEBYAKIN, O.S.; BELOGOLOVYY, A.A.; KHARO, Ye.N.; SHERSHNEV, N.N.; NEKLEPAYEVA, Z.A., red.

[Guide for the determination of the load capacity of metal spans of railroad bridges] Rukovodstvo po opredeleniiu gruzopod"emnosti metallicheskikh proletnykh stroenii zheleznodorozhnykh mostov. Moskva, Transport, 1965. 255 p. (MIRA 18:10)

1. Russia (1923- U.S.S.R.) Glavnoye upravleniye puti i sooruzheniy. 2. Nauchno-issledovatel'skiy institut mostov Leningradskogo instituta inzhenerov zheleznodorozhnogo transporta (for Tatunin, Manilova, Rovnyy,

APPROVED FOR RELEASE: 07/16/2001 CIA-RDP86-00513R001755120003-7"

"APPROVED FOR RELEASE: 07/16/2001 CIA-RDP86-00513R001755120003-7

TATUNKO, V. D.

USSR/Cultivated Plants - Fodder. 1-6

Abs Jour : Ref Zhur - Biol., No 9, 1958, 39379

Author : Tatun'ko, V.D., Shkabara, A.S.
Inst : -
Title : The Influence of Mineral Fertilizers on the Yield of Mangel-Wurzel on Peat Soil in the Dnieper Bottom-Lands.

Orig Pub : Udobreniye i urozhay, 1956, No 12, 41-43.

Abstract : The results of experiments which took place in 1954-1955 at the Kozarovichskoy scientific research meadow cultivation station on peat soil rich in N (3.3%) and in P (0.73%) but poor in general K are given in this paper. The crop was sown in 1954 during spring plowing and in 1955- during the autumn plowing. The influence of K60 alone in the form of KCl, as well as K with a background of N30 (Naa), P30 (Pc) and N30, P30 was studied in the experiments. In the latter alternative, kainite was introduced. The highest yields were obtained with K120 with a background of

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"APPROVED FOR RELEASE: 07/16/2001 CIA-RDP86-00513R001755120003-7

USSR/Cultivated Plants - Fodders. 1-6

Abs Jour : Ref Zhur - Biol., No 9, 1958, 39379

H30, P30 in 1954, - 391.6 cwt/ha against 135 cwt/ha for the control crop. In 1955, the results were: 432.7 cwt/ha against 172.3 cwt/ha for the control crop. When KCl was replaced by kainite, the yield increase diminished. -- N.N. Sokolov

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"APPROVED FOR RELEASE: 07/16/2001 CIA-RDP86-00513R001755120003-7

TATUR, G. K.

Metody rascheta elektrosvarnykh soedinenii Die Methoden zur Berechnung von Schweissverbindungen Moskva, Khabarovsk, Dal'nevostochnoe kraevoe izd-vo, 1933. 109 p. Akademiia nauk, Petrogr-d. Dal'nevostochnyi filial. Institut tekhniki. Trudy, v. 1

APPROVED FOR RELEASE: 07/16/2001 CIA-RDP86-00513R001755120003-7"

"APPROVED FOR RELEASE: 07/16/2001 CIA-RDP86-00513R001755120003-7

TATUR, G.K.

Mine Hoisting

Appropriate selection of fundamental parameters of a ring. Gor.zhur. 126, no. 6, 1952.

9. Monthly List of Russian Accessions, Library of Congress, SEPTEMBER 1952 ~~1953~~, Uncl.

APPROVED FOR RELEASE: 07/16/2001 CIA-RDP86-00513R001755120003-7"

"APPROVED FOR RELEASE: 07/16/2001 CIA-RDP86-00513R001755120003-7

TATUR, G. K.

"Graphicoanalytic Method of Solving Problems of Stability and Dynamics of Structural Elements (Method of Dummy Loads)."
Dr Tech Sci, Krivoy Rog Ore Mining Inst, Krivoy Rog, 1954. (RZhMekh, Jan 55)

Survey of Scientific and Technical Dissertations Defended at USSR Higher Educational Institutions (12)
SO: Sum. No. 556, 24 Jun 55

APPROVED FOR RELEASE: 07/16/2001 CIA-RDP86-00513R001755120003-7"

"APPROVED FOR RELEASE: 07/16/2001 CIA-RDP86-00513R001755120003-7

TATUR, Gennadiy Kuz'mich

Kirvoy Rog Mining Inst, Academic degree of Doctor of Technical Sciences, based on his defense, 9 June 1954, in the Council of the Leningrad Order of Lenin Inst of Engineers of Railroad Transport imeni Obraztsov, of his dissertation entitled: "Graphoanalytical method for the solution of problems of stability and dynamics of elements of constructions" (method of fictitious loads) and Academic Title of Professor, Chair: "Resistance of Matherials".

Academic degree: Doctor of Sciences
Academic title: Professor

SO: Decisions of VAK, List no 8, 2 April 55, Byulleten' MVO SSSR, No. 14, July Moscow pp 4-22, Uncl. JPRS/NY-429

APPROVED FOR RELEASE: 07/16/2001 CIA-RDP86-00513R001755120003-7"

"APPROVED FOR RELEASE: 07/16/2001 CIA-RDP86-00513R001755120003-7

SOV/124-58 4-4743

Translation from: Referativnyy zhurnal, Mekhanika, 1958, Nr 4, p 151 (USSR)

AUTHOR: Tatur, G. K.

TITLE: An Approximate Calculation of Deformational Capacity of an Annular Pliable Shaft Lining (Priblizhennyy raschet deformativnoy sposobnosti kol'tsevoy podatlivoy krepi)

PERIODICAL: Sb. tr. Krivorozhsk. gornorudn. in-t, 1956, Nr 5, pp 79-89

ABSTRACT: A pliable annular mine-shaft lining consisting of four circular segments interconnected by four friction couplings is studied. The lining is subjected to a uniformly-distributed radial pressure causing flexure of the segments and also their displacement relative to the couplings, as a result of which the radius of the lining is diminished. The relationship between the segment displacement relative to the couplings and the intensity of the external pressure is determined for elastic as well as for elastic-plastic deformation of the segments. For the elastic plastic calculation the solution is reduced to that of a rod (assumed to be of ideal plasticity) under joint action of flexure and compression. Formulas are advanced for the determination of the bending moment $M_{e.p}$ and the longitudinal force

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"APPROVED FOR RELEASE: 07/16/2001 CIA-RDP86-00513R001755120003-7

SOV/124-58-4-4743

An Approximate Calculation of Deformational Capacity (cont.)

$N_{e,p}$ under the action of which the elastic zone in the cross section of the bar has a nominal height

$$M_{e,p} = M_p - \Delta M \text{ and } N_{e,p} = N_p + \Delta N \qquad (*)$$

where $M_p$ and $N_p$ are the magnitudes of the bending moment and the longitudinal force under the action of which the whole of the cross section is contained in the plastic zone; $\Delta N$ and $\Delta M$ are correspondingly the resultant and the bending moment relative to an axis passing through the center of gravity of the stresses $\sigma = \sigma_G - \sigma_e$ ($\sigma_e$ is the stress value in the in the elastic zone). The formulas (*) are erroneous since they do not reflect the fact that the position of the neutral axis is dependent upon the degree of plastic deformation (the height of the plastic zone) and do not coincide for elastic-plastic and purely plastic cases. In addition, it is assumed in drawing up the formulas that the neutral line bisects the height of the elastic zone into equal halves. This is true only in case of cross sections with two axes of symmetry and in the presence of two plastic zones in the cross section.

1. Shafts--Analysis 2. Cylinder liners 3. Approximate [illegible]

Card 2/2 Yu. A. Rakoshchik

APPROVED FOR RELEASE: 07/16/2001 CIA-RDP86-00513R001755120003-7"

"APPROVED FOR RELEASE: 07/16/2001 CIA-RDP86-00513R001755120003-7

TATUR, G. K.

APPROVED FOR RELEASE: 07/16/2001 CIA-RDP86-00513R001755120003-7"

"APPROVED FOR RELEASE: 07/16/2001 CIA-RDP86-00513R001755120003-7

TATUR, G.K.

TATUR, G.K., prof., doktor tekhn.nauk; ARSENT'YEV, A.I., dots, kand. tekhn.nauk (Krivoy Rog)

Readers' response to G.M. Baskov's article "Safe benching bank height for work with excavators and mechanical shovels". Ugol' 32 no.12:36-39 D '57. (MIRA 11:1)
(Strip mining)

APPROVED FOR RELEASE: 07/16/2001 CIA-RDP86-00513R001755120003-7"

"APPROVED FOR RELEASE: 07/16/2001 CIA-RDP86-00513R001755120003-7

LYUBOSHITS, M.I.; TATUR, G.K., prof., doktor tekhn.nauk, retsenzent; BLYUM, A.G., red.; KUZ'MENOK, P.T., tekhred.

[Strength calculation in case of varying stresses] Raschety na prochnost' pri peremennykh napriazheniiakh. Minsk, Redaktsionno-izdatel'skii otdel BPI im. I.V.Stalina, 1959. 103 p. (MIRA 13:2)

(Strains and stresses)
(Strength of materials)

APPROVED FOR RELEASE: 07/16/2001 CIA-RDP86-00513R001755120003-7"