

TYURIN, A.I

14 S.

I. 17595-65 EWT(d)/EWT(m)/ENP(c)/EWA(d)/EMP(v)/I-2/EMP(t)/EMP(x)/ENP(b)/ENP(1)  
ACCESSION NR AM4046730 BOOK EXPLOITATION Pf-4 MJN/JD/ S/  
MLK

Samarin, A. M., ed. (Corresponding member, Academy of Sciences, U.S.S.R.) B+

Steel production; handbook (Staleplavil'noye proizvodstvo; spravochnik),  
t. 2., Moscow, Izd-vo "Metallurgiya", 1964, 1039 p. illus., biblio.,  
tables. Errata slip inserted. 5,850 copies printed.

TOPIC TAGS: steel, open-hearth furnace, quality control, refractory

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SUBMITTED: 30May64

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Card 3/3

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APPROVED FOR RELEASE: 08/31/2001

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*TYURIN, A.I.*  
SAVCHENKOVA, A.K.; TYURIN, A.I.

Mechanized line for the production of glazed candies; operational experience. Khleb.i kond.prom. 1 no.6:39-41 Je '57. (MLRA 10:8)

- 1.Leningradskaya fabrika imeni Krupskoy (for Savchenkova).
- 2.Vsesoyuznyy konditerskiy nauchno-issledovatel'skiy institut (for Tyurin).

(Confectionery--Equipment and supplies)

AVDEYEVA, A.V., doktor tekhn.nauk; ALKHEIN, S.F., inzh.; ALTUNDZHI, K.S.,  
inzh.; BRONSHTEYN, I.I., kand.khim.nauk; BRUSHTEYN, M.S.;  
GRIGOR'YEV, F.B., inzh.; ZHELEZNOVA, V.V., inzh.; ISTOMINA, M.M.,  
kand.tekhn.nauk; KOZLOV, S.A., inzh.; KOLESNIKOVA, V.K., inzh.;  
KOCHETKOV, I.A., inzh.; LUNIN, O.G., kand.tekhn.nauk; MANNINA, T.A.,  
inzh.; SEREBRYAKOV, M.N., inzh.; SMOLYANITSKIY, M.Ye., inzh.; TYURIN,  
A.I., kand.tekhn.nauk; TSYBUL'SKIY, A.A., inzh.; CHERNOIVANNIK, A.Ia.,  
inzh.; SHKLOVSKAYA, A.Ye., inzh.; BEN', G.M., inzh., retsenzent;  
MARSHALKIN, G.A., kand.tekhn.nauk, retsenzent; GUSAKOV, A.I., red.;  
MARTYNOV, M.I., kand.tekhn.nauk, red.; KRUGLOVA, G.I., red.; KISINA,  
Ye.I., tekhn.red.

[Confectioner's manual] Spravochnik konditera. Pod obshchei red. M.I.  
Martynova. Moskva, Pishchepromizdat. Pt.2.[Technological equipment of  
the confectionery industry] Tekhnologicheskoe oborudovanie konditersko-  
go proizvodstva. 1960. 630 p. (MIRA 14:3)  
(Confectionery--Equipment and supplies)

TIKHVINSKIY, S.B.; TYURIN, A.M. (Leningrad)

Bloodless technic for the determination of blood flow velocity.  
Klin.med. 37 no.7:97-103 J1 '59. (MIRA 12:10)

1. Iz sektora sportivnoy meditsiny (zav. - prof.A.G.Dambo)  
Leningradskogo nauchno-issledovatel'skogo instituta fizicheskoy  
kul'tury (dir. V.Ye.Ryzhkova).  
(BLOOD CIRCULATION)  
(OXIMETRY)

DEMBO, A.G.; FYURIN, A.M.

Bloodless determination of the rate of the blood flow in health  
and pathology. Trudy Inst. klin. i eksper. kard. AN SSSR. Ser. 3:  
361-366 '63. (MIRA 1963)

1. Institut Fizicheskoy Kul'tury, Leningrad.



DEMBO, A.G.; TYURIN, A.M.

Statistical procedures in studying new medical research methods.  
Prim. mat. metod. v biol. no.3:164-173 '64.

(MIRA 17:11)

1. Institut fizicheskoy kul'tury, Leningrad.

TYURIN, A. M. (Leningrad)

"Statistical Methods in the Study of the Rate of Blood Circulation."

report presented at the 3rd Conference on the use of Mathematics in Biology, Leningrad University, 23-28 Jan 1961.

(Primeneniye matematicheskikh Metodov v biologii. II, Leningrad, 1965, pp. 5-11

(Moscow-Agricultural-Academy-Imeni-Timiryazev)

DEMBO, A.G.; TYURIN, A.M.

New portable oxyhemometer. Lab. delo [7] no.4:48-50 Ap '61.  
(MIRA 14:3)

1. Leningradskiy nauchno-issledovatel'skiy institut fizicheskoy  
kul'tury (dir. V.S.Ryzhkova).  
(BLOOD--OXYGEN CONTENT)

TYURIN, A.M.

Statistical methods for studying the speed of blood circulation. Prim. mat. metod. v biol. no.2:191-195 '63.  
(MIRA 16:11)

\*

TYURIN, A.N.

Classification of vector fibering over an arbitrary algebraic curve.  
Izv. AN SSSR. Ser. mat. 29 no.3457-368 '65.

(MIRA 18:6)

SHAFAREVICH, I.R.; AVERBUKH, B.G.; VAYNBERG, Yu.R.; ZHIZHENKO, A.B.;  
MANIN, Yu.I.; MOYSHEZON, B.G.; TYURINA, G.N.; TYURIN, A.N.;  
PETROVSKIY, I.G., akademik, otv. red.; NIKOL'SKIY, S.M., prof.,  
zamestitel' otv. red.

[Algebraic surfaces.] Algebraicheskie poverkhnosti. Moskva.  
Nauka, 1965. 214 p. (Akademiia nauk SSSR. Matematicheskii  
institut. Trudy, vol. 75)

(MIRA 18:5)

TYURIN, A.N.

Classification of two-dimensional vector bundles over an  
algebraic curve of arbitrary type. Izv. AN SSSR. Ser. mat.  
28 no. 1:21-52 Ja-F '64. (MIRA 17:6)

~~TYURIN, A. P.~~

Deposits of fluxes and refractory materials in Kustanay Province.  
Vest. AN Kazakh. SSR 13 no.4:25-34 Ap '57. (MLRA 10:6)  
(Kustanay Province--Refractory materials)



TYURIN, A.R., polkovnik; KHORKHORDIN, G.I., podpolkovnik

In any situation they provide reliable communication. Vest.  
protivovozd. obor. no.11:55-58 N '61. (MIRA 16:10)

(Radio, Military)

TYURIN, A.V. (g.Pushkino, Moskovskoy oblasti)

Data on the beginning of flowering in *Padus racemosa* (Lam.)  
Gilib., *Caragana arborescens* Lam., and *Betula verrucosa* Ehrh.  
in the Moscow area over a period of 74 years. Bot.zhur. 44  
no.11:1639-1649 N '59. (MIRA 13:4)  
(Moscow Province--Plants, Flowering of)  
(Trees) (Shrubs)

~~TYURIN A. V.~~

Phenology of flowering of the oak *Quercus robur* L. in forests of  
the European part of the U.S.S.R. (from 1948 to 1954). Bot. zhur.  
43 no. 2: 246-249 P '58. (MIRA 11:5)

1. Vsesoyuznyy institut lesomelioratsii, Moskva.  
(Oak) (Plants, Flowering of)

TYURIN, A.V.; NAUMENKO, I.M.; VOROPANOV, P.V.

[Forestry handbook] Lesnaia vspomagatel'naia knizhka. Moskva,  
Goslestekhzdat, 1945. 407 p. (MIRA 12:3)  
(Forests and forestry--Mensuration)

TYURIN, A.V.

Flowering time of Scotch pine in the European part of the U.S.S.R.  
(from 1948 to 1954). Bot.zhur.41 no.4:568-571 Ap '56. (MLBA 9:9)

1.Vsesoyuznyy nauchno-issledovatel'skiy institut lesnogo khozyaystva,  
g.Pushkino Moskovskoy oblasti.  
(Pine) (Plants, Flowering of)

TYURIN, A. V.

The Committee on Stalin Prizes (of the Council of Ministers USSR) in the fields of science and inventions announces that the following scientific works, popular scientific books, and textbooks have been submitted for competition for Stalin Prizes for the years 1952 and 1953. (Sovetskaya Kultura, Moscow, No. 22-40, 20 Feb - 3 Apr 1954)

<u>Name</u>	<u>Title of Work</u>	<u>Nominated by</u>
Tyurin, A. V.	"Investigation of Oak	
Zhukov, A. B.	Forests of the USSR	All-Union Scientific Research
Ivanenko, B. I.	and Measures for Culti-	Institute of Forestry
Lositskiy, K. B.	vating them"	
Kharitonovich, F. N.		
Napalkov, N. V.		

SO: W-30604, 7 July 1954

TYURIN, Aleksandr Vladimirovich, prof., doktor sel'khoz. nauk; VOROPANOV,  
P.V., red.; GOROKHOV, M.G., red. izd-va; PARAKHINA, N.L., tekhn.  
red.

[Principles of variational statistics in forestry] Osnovy variatsion-  
noi statistiki v primenenii k lesovodstvu. Moskva, Goslesbumizdat,  
1961. 102 p. (MIRA 14:6)  
(Forests and forestry--Statistics)

Country : USSR  
Category: Forestry. Forest Biology and Typology.

K

Abs Jour: RZhBiol., No 11, 1958, No 48707

Author : Tyurin, A.V.

Inst : -

Title : Observations on the Seasonal Growth of the Oak and  
Its Associated Species in the Forests of the European  
USSR, and Utilization of the Observations Made in the  
Forest Cultures.

Orig Pub: Geogr. sb., 9, 1957, 106-113

Abstract: Observations were conducted at the leskhozos (for-  
estry establishments) of Mogilevskaya, Gomel'skaya,  
Veronezhskaya and Sumskaya Oblasts, in Krasnodarskiy  
Kray, and in the Tartar ASSR on the following: oak,

Card : 1/3



K

Country : USSR  
Category: Forestry. Forest Biology and Typology.

Abs Jour: RZhBiol., No 11, 1958, No 48707

common ash, Norway maple, elm, little-leaf linden, and the European white birch. It was found that among all the species associated with the oak, ash was the only one in which the swelling of the leaf buds took place simultaneously with the oak, or somewhat earlier. In the rest of the species the swelling of the leaf buds is observed earlier than in the oak in different sequence (a table of the periods is cited). The swelling of the leaf buds takes place earliest in the Northern Caucasus, latest in the central forest steppe. A similar relation is also observed in regard to the opening of the leaf buds. In relation to the oak (beginning of May), the foliation of the ash takes place later.

Card : 2/3

K-3

Country : USSR

K

Category: Forestry. Forest Biology and Typology.

Abs Jour: RZhDiol., No 11, 1958, No 48707

Linden almost coincides with the foliation of the oak. Foliation in the rest of the associated species takes place earlier than in the oak (a table of the periods is cited). The article presents tables of the comparative periods of the beginning of blossoming, complete yellowing and dropping of the leaves, and the full ripening of the seeds of oak and its associated species. It is noted that in the central forest steppe, the place where seeds ripen earliest is Shipov forest. -- V.V. Protopopov

Card : 3/3

SHIMANYUK, Andrey Petrovich; TYURIN, A.V., dokt.sel'khoz.nauk, prof.  
retsenzent; NEKHLIUDOVA, A.G., red.

[Biology of trees and shrubs of the U.S.S.R.; a  
manual for teachers] Biologiya drevesnykh i kustar-  
nikovykh porod SSSR; posobie dlia uchitelei. Izd.2.,  
dop. Moskva, Prosveshchenie, 1964. 477 p.  
(MIRA 18:1)

TYRIN, A. V., Prof.

Phenology

Seasonal growth of the oak in the European part of the U.S.S.R. Les. khoz. 5 no. 7,  
1952.

Monthly List of Russian Accessions, Library of Congress, September 1952. UNCLASSIFIED

N/5  
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1956

TYURIN, ALEKSANDR VLADIMIROVICH, ED.

Lesnaya vspomogatel'naya knizhka (po taksatsii lesa) (Lumber subsidiary  
booklet (on fixed prices of lumber)) Izd. 2, dop. pod obshchey rad. a. v.  
tyurin. Moskva, Goslesbumizdat, 1956.  
531 p. largely tables.

~~TYURIN, Aleksandr Vladimirovich~~, doktor sel'skokhozyaystvennykh nauk, professor; NAUMENKO, Ivan Matveyevich, doktor sel'skokhozyaystvennykh nauk, professor; VOROPANOV, Petr Vasil'yevich, doktor sel'skokhozyaystvennykh nauk, professor; ANUCHIN, N.P., redaktor; KOLESNIKOVA, A., tekhnicheskii redaktor.

[A manual of forest mensuration] Lesnaia vspomogatel'naiia knizhka; po taksatsii lesa. Pod obshchei red. A.V. Tiurina. Izd.2-oe, dop. Moskva, Goslesbumizdat. 1956. 531 p. (MLRA 10:4)  
(Forests and forestry--Mensuration)

TYURIN, A.V.

"Natural regeneration in clearcuttings" by A.P.Shimanuk. Reviewed  
by A.V.Tiurin. Bot.zhur.41 no.8:1221-1223 Ag '56. (MLRA 9:12)  
(Reforestation) (Shimaniuk, A.P.)

TYURIN, A.V.

Phenological observations on the forests of the Moscow environs.  
Geog. sbor. no.16:25-40 '63. (MIRA 16:6)  
(Moscow region--Phenology)  
(Moscow region--Forest geology)



1ST AND 2ND CROSS PROCESSES AND PROPERTIES INDEX	
CD	8
<p>The Karatau deposit of U-V ores. B. A. Tyurin.  <i>Bull. Acad. sci. U. R. S. S., Ser. Geol.</i> 1944; 99-105 (in                  English, 105-6).—The mineral accumulations are con-                  sidered to be V-bearing ore horizon. The opinion is ex-                  pressed that the V ores are primarily of sedimentary                  origin with subsequent metamorphism. There is no like-                  hood of large deposits of U ore in the Karatau region.                  J. S. Joffe</p>	
COMMON ELEMENTS OPEN MATERIALS INDEX	COMMON VARIABLES INDEX
A.S.B. S.L.A. METALLURGICAL LITERATURE CLASSIFICATION	
1ST AND 4TH CROSS MATERIALS INDEX	1ST AND 2ND CROSS PROCESSES AND PROPERTIES INDEX
1ST AND 2ND CROSS PROCESSES AND PROPERTIES INDEX	1ST AND 4TH CROSS MATERIALS INDEX

TYURIN, E. I.

Geochemical characteristics of the distribution of titanium in bauxites and clays of the Amange'l'dy bauxite region and their genesis. Kora vyvetr. no.6:154-166 '63. (MIRA 17:9)

1. Kazakhskiy nauchno-issledovatel'skiy institut mineral'nogo syr'ya, Alma-Ata.

TYURIN, B.A.; KAL'MENEV, M.A.

Characteristics of deposits of bauxites and refractory clays  
from the point of view of economic geology. Trudy Inst.geol.  
nauk AN Kazakh.SSR no.2:69-103 '59. (MIRA 13:4)  
(Amangel'dy District--Bauxite)  
(Amangel'dy District--Clay)

TYURIN, B. A.

"Gibbsite Deposits in the Amangel'dy Bauxite Mining District of Central Kazakhstan" p.416

Mineralogy and Origin of Bauxites, Moscow, Izd-vo AN SSSR (otd. geologo-geograf. nauk) 1958, 488pp.

This collection of articles by various authors on the mineralogy and geochemistry of bauxites appeared as a result of 1955 conf. on the origin of bauxite (Chairman, Acad. N. M. Stakhov)

TYURIN, B. A.

15-57-7-9654

Translation from: Referativnyy zhurnal, Geologiya, 1957, Nr 7,  
pp 132-133 (USSR)

AUTHOR: Tyurin, B. A.

TITLE: The Gibbsite Bauxite in Kazakhstan and Method of  
Prospecting for These Deposits (Mestorozhdeniya gibbsi-  
tovykh boksitov Kazakhstana i metodika ikh polskov)

PERIODICAL: Sb. nauch. tr. Kazakhsk. gorno-metallurg. in-t, 1956,  
Nr 14, pp 5-28.

ABSTRACT: Mesozoic-Cenozoic gibbsite bauxites are widespread on  
the territory of Kazakhstan. They lie in the thick  
ancient weathered surface of Paleozoic rock or in  $J_{1-2}$   
coal-bearing deposits. They are unconformably covered  
in some areas by  $Cr_2$  marine sedimentation, and in other  
areas, by continental variegated clays. The author  
considers the age of the largest bauxite deposits to be  
 $Cr_2$ . Two basic structural and morphological types of  
deposits are differentiated as the linear-valley type  
and as the mantle type. The first type is the more

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15-57-7-9654

The Gibbsite Bauxite in Kazakhstan and Method (Cont.)

important of the two. The length of individual beds varies from 100 m to 1650 m, the width from 50 m to 400 m; the thickness reaches 60 m but rarely exceeds 5 m to 10 m. In internal structure, the beds of this type can be classified as follows: 1) simple, represented by one layer, sometimes with a separation into two layers at the edges; 2) complex, represented by alternating strata of near-commercial bauxites and clays; 3) intermediate. The bauxite deposits of the mantle type have quite irregular outlines and small thickness (3 m to 5 m). The bauxite deposits of the linear-valley type meet government standards and represent several million tons of material, while the bauxites in the mantle type deposits are low in quality and represent only a small amount of usable material. The author lists indications of the presence of Mesozoic bauxite deposits in Kazakhstan and outlines methods of conducting explorations for this material. Core drilling in combination with geophysics is the basic method of exploration; it is, at the same time, the only method applicable to subsurface deposits. Geophysical investigations should include: 1) procurement of data for preparation of structural and lithological maps of the Paleozoic substructure; 2) determination  
Card 2/3

15-57-7-9654

The Gibbsite Bauxite in Kazakhstan and Method (Cont.)

of the trend of main folded structures of the basement; 3) clarification of the basement surface relief.

Card 3/3

S. I. Beneslavskiy

1948-1958, B.H.

3(5) PHASE I BOOK EXPLOITATION 807/1896

ca "vedimennaya nachnaya sessiya po metallogenicheskim i prognosnym kartam, Alma-Ata, 1958.  
Materialy sessii po metallogenicheskim i prognosnym kartam; sessiya (Materials Presented at the Scientific Session on Metallogenetic and Postulated Ore Occurrence Maps; Reports) Alma-Ata, Izdatel'stvo AN Kazakhskoy SSR, 1958. 318 p. Errata slip inserted. 3,850 copies printed.

Ed.: A.S. Poguchev; Tech. Ed.: P.F. Alferova.  
Sponsoring Agencies: (1) Akademiya nauk SSSR, (2) Akademiya nauk Kazakhskoy SSR, Alma-Ata, (3) USSR, Ministerstvo geologii i obratnykh rud, (4) Kazakh SSR, Ministerstvo geologii i obratnykh rud.

PURPOSE: This book is intended for exploration geologists, mining engineers, and cartographers.

Materials Presented (Cont.) 807/1896

COVERAGE: This collection of reports was presented at the Dated Scientific Session on Metallogeny and Postulated Ore Occurrence Maps convoked by the Academy of Sciences in Alma-Ata, December, 1958. The reports deal with various aspects of compiling metallogenetic and ore occurrence maps as well as the methodology and techniques of correlating geophysical exploration data. These reports deal only with non-ferrous metals. Three other reports delivered at the conference but not included in this work were read by Ye.Ye. Zhabarov, N.S. Shatakiy, and Yu.K. Gorbatskiy. References accompany each article.

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TYURIN, B.A., dots.

~~XXXXXXXXXX~~  
Deposits of gibbsite bauxites in Kazakhstan and methods of  
prospecting for them. Sbor.nauch. trud. KazGMI no.14:5-28 '56.  
(MIRA 10:10)  
(Kazakhstan--Bauxite) (Prospecting)

TYURIN, B.A., dotsent

Graphic investigation of the relationship between pH, Eh and <sup>C<sub>ox.</sub></sup><sub>C<sub>red.</sub></sub>  
in oxidation-reduction reactions in order to recreate the  
physicochemical conditions of sedimentation. Sbor.nauch.trud.  
KazGMI no.18:171-173 '59. (MIRA 15:2)  
(Mineralogical chemistry)

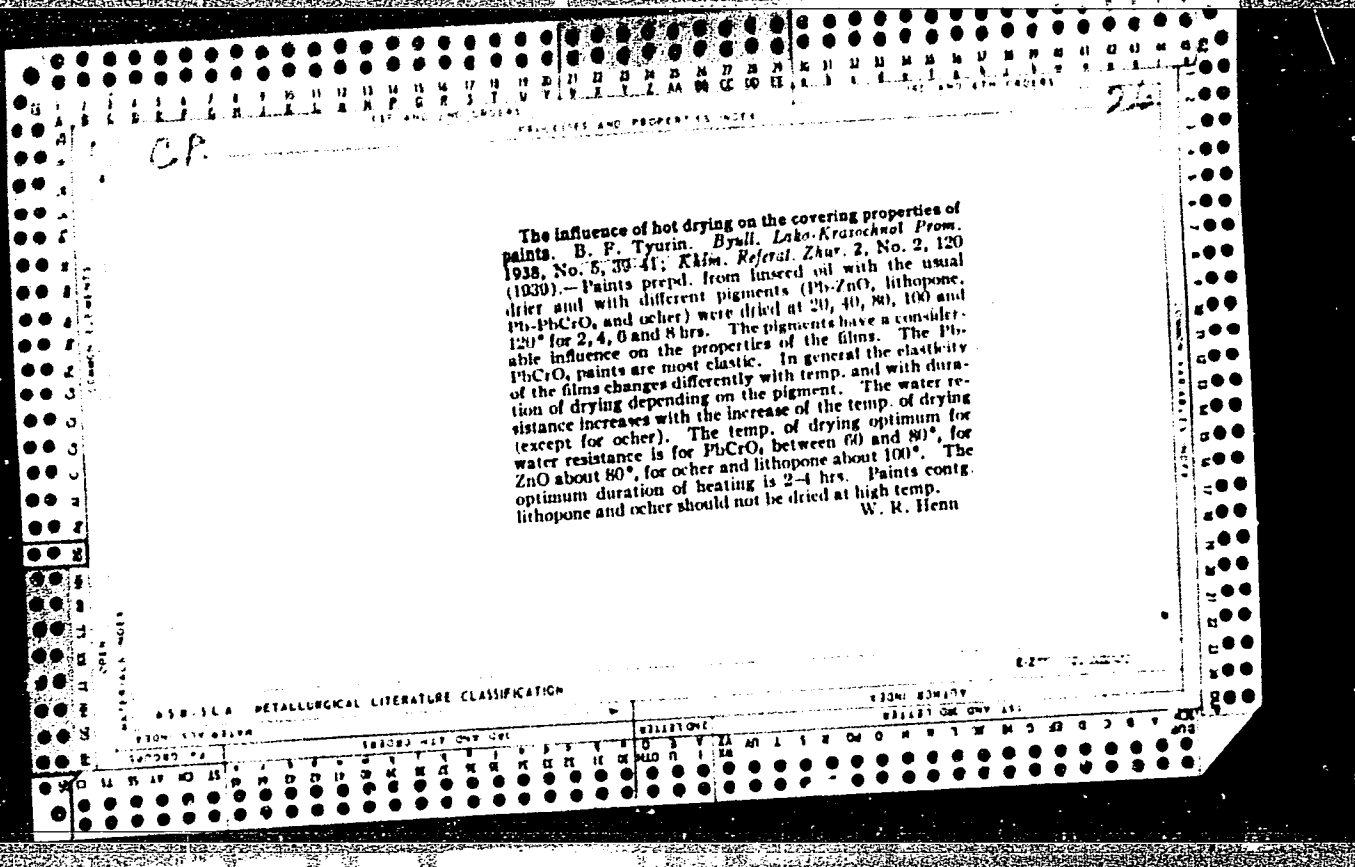
TYURIN, B.A., dotsent

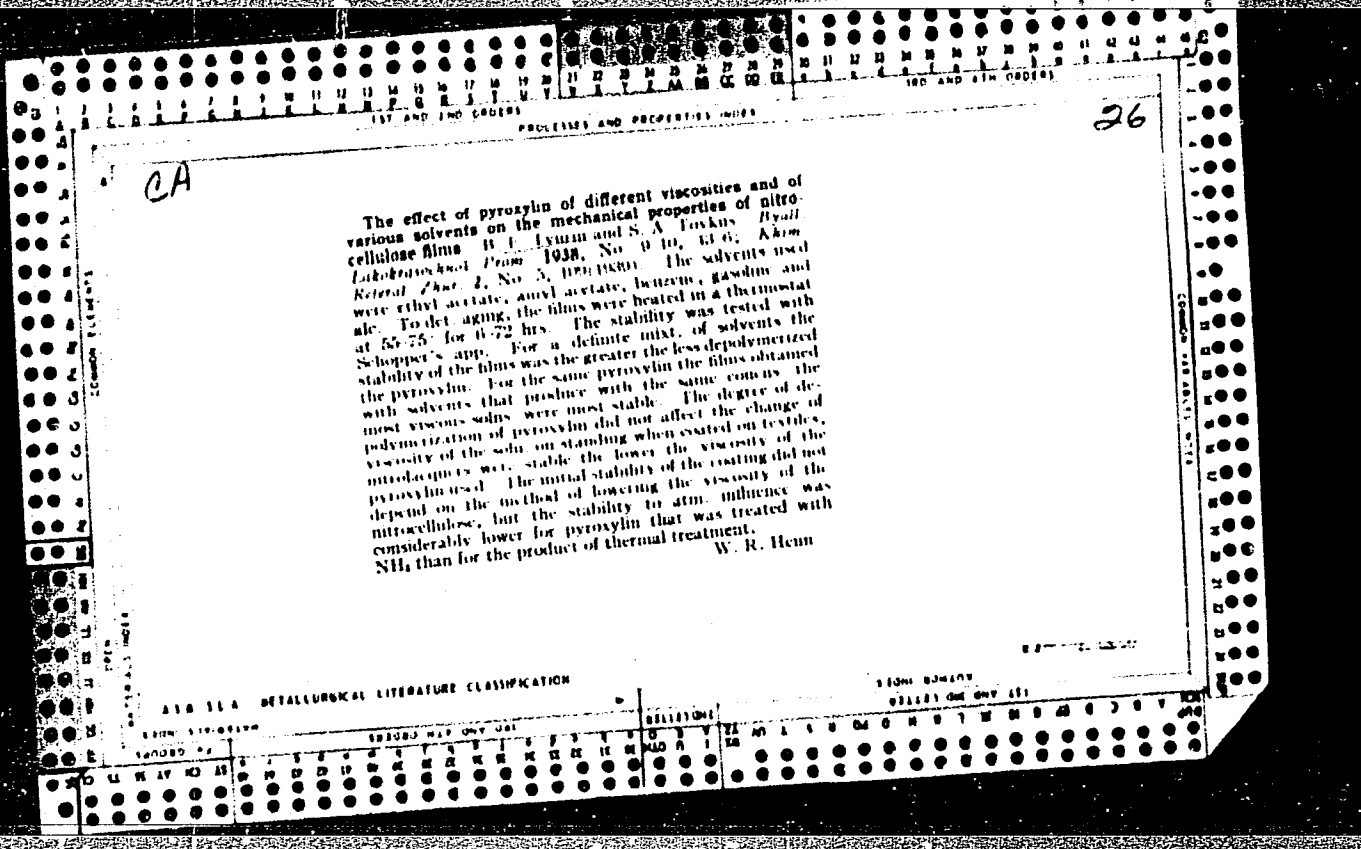
Nomogram for converting the chemical analyses of air-dry samples for calcined substance, naturally wet ore, and the analyses of coal for fuel and ashes. Sbor.nauch.trud.KazGMI no.18:174-176 '59. (MIRA 15:2)

(Clay)  
(Nickel ores)  
(Coal)

SUVOROVSKAYA, N.A.; TYURIN, B.F.; ZYUZINA, Yu.D.; NAZAROVA, Yu.G.

Studying the effect of hardeners on the characteristics of  
epoxy resin base coatings. Lakokras.mat.i ikh prim. no.5:4-10  
'62. (MIRA 16:1)  
(Protective coatings--Testing) (Epoxy resins)





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*Ca*

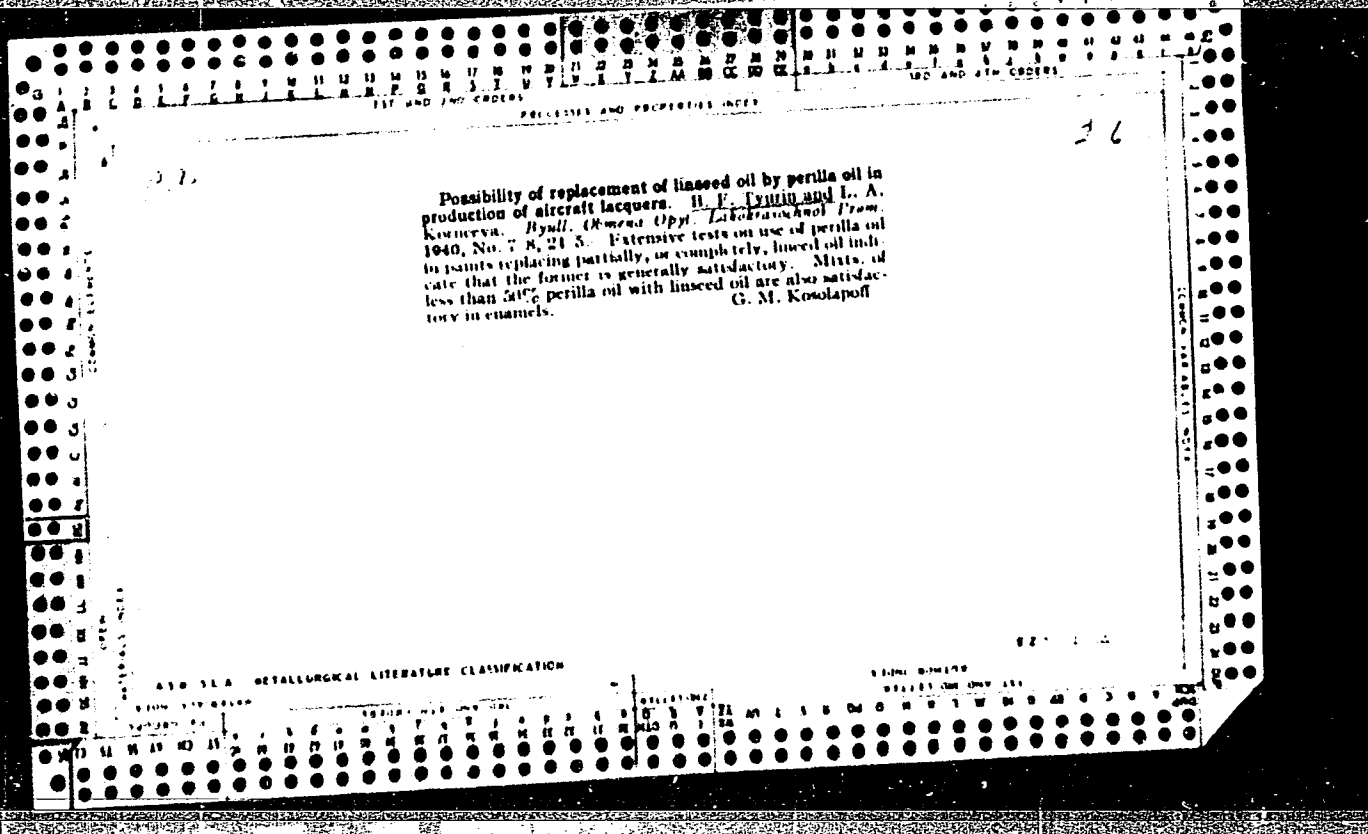
Composition of nitrocellulose lacquers and their water resistance. *M. E. Tyurin and Yu. P. Levit. Byull. Obmena Opyt. Tekhnicheskoi Prom.* 1939, No. 3, 34-8.

One of the basic reasons for corrosion of painted surfaces is the absorption of moisture by the film. Nitrocellulose films, unlike oil films, do not swell but allow moisture to pass through capillary openings formed during the evaporation of the solvent. T. and L. tried to establish dependence of the water absorption of the lacquer on its composition. If permeability is established by the following formula:  $K = VD/AT$ , where  $K$  is const. of permeation,  $V$  g. of moisture going through the film in  $T$  hours,  $D$  thickness of the film in cm.,  $A$  area of the film in sq. cm. Dried nitrocellulose films were tested for 24 hrs. in Glur's app. Fifteen lacquers were tried. Mixed nitrocelluloses corresponding to nitrocellulose of medium viscosity give best results. Slowly evaporating solvents increase waterproofness. Equal quantities of Bu acetate,  $CH_3COCH_3$ , Cell. and EtOH were used as solvents. "Garpus" ether 60% or Rezil resins 1.5-0% lower  $K$ . Rezil resins are more sol. in nitrocellulose than is "garpus" ether. Tritolyl phosphate, dibutyl phthalate, camphor and castor oil (3% each) were used as plasticizers. Tritolyl phosphate lowered  $K$ , dibutyl phthalate had no effect and camphor and castor oil greatly increased  $K$ . Polymerized linseed oil decreased  $K$ , while oxidized oil had less effect, and raw linseed oil had no effect on  $K$ . Powdered Al and vermiculite lowered  $K$  more than other pigments. 11 A

ASS-514 METALLURGICAL LITERATURE CLASSIFICATION

GROUPS: 140000 01 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 100

SECTIONS: 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 100





SAPGIR, I.N., doktor tekhn. nauk; IVANOVA, A.A.; GOL'DBERG, M.M.;  
SAKHARNOV, A.V.; LUEMAN, A.I.; SVERDLIN, M.S.; TYURIN, B.F.  
Prinimali uchastiye: PLIPLINA, A.I.; IOFFE, M.Ya.; LIVSHITS,  
M.L., red.; ZAZUL'SKAYA, V.F., tekhn. red.

[Paint materials; raw materials and intermediate products;  
handbook] Lakokrasochnye materialy; syr'e i poluprodukty;  
spravochnik. Pod red. I.N.Sapgira. Moskva, Gos.nauchno-  
tekhn.izd-vo khim. lit-ry, 1961. 506 p. (MIRA 14:12)  
(Paint materials)



7

... their activity by forming stable  
 ... A. Ye. Burov (TsNIIIMASH) reported on the improvement of  
 ... steels such as 18-8 and 25-12  
 ... in parent and filler metal  
 ... ferrite formation.  
 ... the fatigue strength of  
 ... 2.5-1.54 W, 1.7-1.04 W  
 ... while at room temperature the  
 ... parent metal, at 600 C it  
 ... M. Nikitina (TsNIIIMASH) analyzed  
 ... steam pipelines made of Kh14N14B2  
 ... P. R. Kulikov and A. S.  
 ... steel expansion bellows  
 ... Candidate of technical  
 ... for investigation of  
 ...  
 ... permitting the determination of the effect of solidification rates on the poly-  
 gonization of single-phase weld metal. Shorshorov and Engineer V. V. Belov  
 Set 1/2, Card 2/2

L 15771-63

ACCESSION NR: AP3004766

19 18

(IMET) spoke on the effect of composition on delayed fracture of high strength steels such as 35KhGSA, 40KhGSA, 45KhNMTA, 40KhGSNMTA, 2Kh2GSNM, 43Kh3SNMFV, 15Kh12NMVFA and pointed out that 3Kh3SNMF steel has the lowest susceptibility to delayed fracture and 45KhMA the highest. The report of Laminates of technical sciences N. V. Shiganov and E. D. Raymond dealt with methods and equipment for evaluation of weld susceptibility to cold cracking. Seven reports dealt with welding of steels and alloys. Reporting on argon arc welding of dissimilar metals (zirconium to titanium, zirconium to niobium, niobium to titanium), Engineers V. S. Novosadov and Ye. A. Gusev pointed out that optimal welding conditions, heat treatment, and proper combination of dissimilar metals ensure high quality of welds.

For Complete Set See: Eight annual welding conference

Set 1/2, Card 3/3

L 15771-63 EPR/EWP(j)/EPF(c)/EWP(k)/EWP(q)/EWT(m)/BDS/EWT(1) AFPTC/ASD Pc-4  
Pr-4/Pr-4/Pr-4 RM/WM/JD/WH/IM/JG/K/JH  
ACCESSION NR: AF3004766 S/0135/63/000/008/0044/0046

AUTHOR: Tyurin, B. F.

134  
91

TITLE: Scientific and technical welding conference in Moscow [April 1963]

SOURCE: Svarochnoye proizvodstvo, no. 8, 1963, 44-46

ABSTRACT: The eighth annual welding conference sponsored by the Moscow chapter of NTO MASHPROM was held in Moscow 23-25 April 1963. Of the 66 reports presented, 11 dealt with thermal and metallurgical processes in welding. Candidate of technical sciences V. V. D'yachenko and Engineer, Ye. N. Sivov analyzed factors affecting the ductility of molybdenum welds produced by electron-beam argon arc welding. Eleven reports dealt with welding of titanium and aluminum alloys. Candidate of technical sciences F. Ye. Pratyakov (NIAT) reported on prospects of titanium alloy welding, and Engineer A. I. Gorehkov analyzed causes of porosity in titanium alloy welds and reviewed preventive methods such as high welding speed, low heat input, preheating, and cleaning of sheet edges. Technology of welding pipelines formed from titanium and aluminum alloy sheets was discussed by Engineers F. R. Kulikov and A. I. \_\_\_\_\_

Set 2/2, Card 1/3

Bulin, Engineer I. V. Vavalo (NIAP) discussed specific features of sumable electrode argon shielded three-phase arc welding of aluminum plates and electrodes with advantages. Candidate of technical sciences G. D. Niziforov discussed possibility of increasing arc welding well density by reducing the well content of hydrogen to less than 0.001 g. Together with S. N. Chiznyakov, he reported on the possibility of argon shielded arc welding of SAP alloys. Investigations on the possibility of arc welding of aluminum alloys were also outlined in the report of Candidate of technical sciences I. S. Vinogradov, and resistance spot welding of clad SAP sheets was discussed in the report of Candidate of technical sciences B. D. Orlov, and Engineers Yu. V. Dmitriyev and I. V. ... Problems of welding aluminum alloys were also reviewed by Engineers ... and A. Ye. ... welding and strength ATSM alloy ... additional filler ... and ... is ... and ... welding based on frequency of pulse repetition in a secondary circuit. Engineer P. L. Chuloshniakov (NIAP) described new control equipment for spot and seam welders. A report entitled "Comparative investigation of flashless high-frequency and resistance tube welding" was presented by Candidate of

set 2/2, Card 4/3

APPROVED FOR RELEASE: 08/31/2001

technical sciences E. B. Slepak (TSHLITMASH). "Automatic quality control in ultrasonic welding" was presented by Engineers V. A. Kuznetsov and P. K. Naumov and Institute of technical sciences L. L. Silin (IMET). Plasma spraying and cutting were discussed in five reports: "Plasma spraying of tungsten on graphite" by Engineers G. V. Burov and V. I. Privezentsev (MATI), "Industrial plasma spraying" by Institute of technical sciences A. V. Petrov and Engineer A. I. Isachenko (MATI), "Plasma spraying and prospects of its application in industry" by Engineer A. I. Isachenko (MATI), "Use of a constricted arc for cutting aluminum alloys and stainless steel sheets" by Engineer V. N. Skorokhodov, and "Kinetics of the geometry of the plasma arc cut" by Engineer A. A. Isachenko (MATI). Three reports dealt with welding of polymer materials. One of them, by A. N. Bogdanovskiy (MATI), discussed features of ultrasonic welding of polymers and pointed out that a special unit for welding polyethylenphthalic films is being developed.

ASSOCIATION: none

SUBMITTED: 00

DATE ACQ: 28Aug65

ENCL: 00

SUB CODE: ML

NO REF SOV: 000

OTHER: 000

For Complete Set See: Eighth annual welding conference 7  
Set 2/2, Card 3/3 III

TYURIN, F.P., inzhener.

Work experience of specialized organizations in housing construction.  
Bul.strel.tekh. 9 no.2:1-6 Ja '52. (MIRA 9:4)

1. Trest Magnitostroy.  
(Construction industry)



TYURIN, D.

With Hungarian friends. Grazhd. av. 22 no.2:30 P '65. (MIRA 18:5)

1. Sekretar' Tsentral'nogo komitete professional'nogo soyuza  
aviarabotnikov.

EYDEL'MAN, G., inzh; TYURIN, G., inzh.

Installing electric wiring during building. Na stroi. Mosk. 1  
no.11:11-12 H '58. (MIRA 11:12)  
(Electric wiring)

TYURIN, G., inzh.; EYDEL'MAN, G., inzh.

Pipeless installing of hidden electric wiring in brick house .  
Na stroi. Mosk. 1 no.6:19 Ja '58. (MIRA 11:9)  
(Electric wiring, Interior)

TYURIN, G.G.

Diamond well-drilling tool. Mash. i neft'. obr. no.1:11-15  
'63. (MIRA 17:1)

1. Tsentral'noye konstruktorskoye byuro Ministerstva geolo-  
gii i okhrany nedr SSSR.

AUTHOR: Tyurin, G.I. SOV/113-58-4-19/21

TITLE: Turbosupercharging of High-Speed Two-Stroke Engines (Turbo-  
nadduv bystrokhodnykh dvukhtaknykh dvigatelyey)

PERIODICAL: Avtomobil'naya promyshlennost', 1958, Nr 4, p 46 (USSR)

ABSTRACT: The author discusses briefly the modified series 71 two-  
stroke, compression-ignition engine from General Motors, which  
has a turbosupercharger. There is 1 photo.

1. Internal combustion engines--Equipment    2. Turbosuperchargers  
--Applications

Card 1/1

KREYTSER, G.P.; TYURIN, G.I.

Euler's spheres of an orthocentric simplex. Mat. pros. no. 2:187-194  
'57. (MIRA 11:7)

(Geometry)

~~TYURIN, G.I.~~

Turbo-supercharged high-speed two-stroke engines. Avt. prom. (MIRA 11:6)  
no. 4:46 Ap '58.  
(United States--Automobiles--Engines--Superchargers)

*Tyurin G.P.*  
BYDEL'MAN, G.R., inzhener; TYURIN, G.P., inzhener.

Wiring brick buildings without using conduits. Nov.tekh.i pered.  
op.v stroi. 19 no.10:22-23 0 '57. (MIRA 10:11)  
(Electric wiring)



TYURIN, I.

Our practice. Den. 1 kred. 21 no.8:60-62 Ag '63. (MIRA 16:9)

1. Upravlyayushchiy Burynskim otdeleniyem Gosbanka Sumskoy oblasti.

(Buryn'—Banks and banking)

TYURIN, G.S., kand. tekhn. nauk [translator]; YELYUTIN, A.V.,  
inzh. [translator]; MAURAKH, M.A., kand. tekhn. nauk, red.

[Electron melting of metals. Translated from the English]  
Elektronnaiia plavka metallov. Moskva, Izd-vo "Mir," 1964.  
357 p.  
(MIRA 18:9)

TYURIN, I.

We ourselves do the building. Prof.-tekh. obr. 15 no.11:18-19  
N '58. (MIRA 12:1)

1. Zamestitel' direktora uchilishcha mekhanizatsii sel'skogo  
khozyaystva No.7, Irkutskaya oblast'.  
(Farm mechanization--Study and teaching)  
(Schools--Furniture, Equipment, etc.)

TYURIN, I. (Brno)

Always alive. Sov. profsoiuzy 19 no.1:22-23 Ja '63.  
(MIRA 16:1)

(Brno—Machine-tool industry)  
(Brno—Socialist competition)

AUTHOR: Tyurin, I., Deputy School Director SOV/27-58-11-15/29  
TITLE: We Ourselves Are Building (Stroim sami)  
PERIODICAL: Professional'no - tekhnicheskoye obrazovaniye, 1958, Nr 11,  
pp 18 - 19 (USSR)

ABSTRACT: When the School of Agricultural Mechanization Nr 7 in the Irkutsk Oblast was organized in 1951, it lacked even the most elementary teaching aids; the staff itself would have to work on the establishment of the required installations and facilities. Considerable work has been done in this respect in recent years. The building work was carried out by the school, under the supervision of the school. The author lists the school buildings, workshops, etc. erected from 1953 to 1957, and the study rooms equipped and replenished by the school. This was accomplished by the united efforts of the instructors, foremen and students. The author emphasizes the benefit which the students derived

Card 1/2

We Ourselves Are Building

SOV/27-58-11-15/29

from participating in the work, and describes the problems that had to be solved at the erection of a dining room and storage place.

ASSOCIATION: Uchilishche mekhanizatsii sel'skogo khozyaystva Nr 7 (Irkutskaya oblast'), Agricultural Mechanization School Nr 7 (Irkutsk Oblast )

1. Construction--USSR    2. Industrial training    3. Personnel  
--Performance

Card 2/2

TYURIN, I.

"Problems in trade-union work." Reviewed by I.Tiurin. Sov.  
profsoiuzy 18 no.9:44 My '62. (MIRA 15:4)  
(Trade unions--Handbooks, manuals, etc.)

TYURIN, I. B.

No. 37395--Akademik vasilii robertoviu vel'ya ms (k 10-letio so dnya konchiniy)  
Pochvovedeniye, 1949, No. 11, c. 633-37.

So: Letopis' Zhurnal'nykh Statey, Vol. 7, 1949.



Polymorphic transformations of rhodium. A. A. Kudintsev, R. S. Polyzkova, and I. I. Tyurin. *Izv. Akad. Nauk S.S.R. Metall. Fiz. Metallogr. i Term. Obrab. Met.* No. 29, 183-18 (1955).—Rh of 99.99% purity, contg. <0.2% impurities, was melted in a high-frequency furnace in a corundum crucible and was drawn into a porcelain tube to form rods about 20 mm. long. These were annealed at 1000° and their abs. thermoelec. power was detd. with a Kurankov pyrometer, whose operation was described in detail.

The results showed that the heat effect accompanying the transformation was negligibly small; the temp. of transformation was  $1030 \pm 5^\circ$ . The abs. thermoelec. power and the Thomson  $e_{\text{int}}$  in microvolts/degree were: 100°, +0.82, -0.49; 200°, +0.82, -1.70; 300°, +0.10, -1.39; 400°, -0.58, -1.60; 500°, -0.97, -2.70; 600°, -1.37, -2.10; 700°, -1.46, -1.56; 800°, -1.58, -1.07; 900°, -1.66, -0.76; 1000°, -1.72, -0.61; 1030°, -1.74, -0.53; 1050°, -2.15, -0.85; 1100°, -2.18, -0.69; 1200°, -2.24, -0.74. The 2 values at 1030° represent the upper and lower values for the break in the curve at the transformation temp.

BB  
M9  
A. G. Guy

RUDNITSKIY, A.A.; POLYAKOVA, R.S.; TYURIN, I. I.

Study of thermoelectric properties of palladium alloys with  
rhodium. Izv. Sekt. plat. i blag. met. no. 29:190-196 '55.  
(Palladium-rhodium alloys)

(MIRA 8:8)

*TYURIN, I.I.*

USSR/Electricity - Conductors

G-4

Abs Jour : Referat Zhur - Fizika, No 5, 1957, 12255  
Author : Rudnitskiy, A.A., Tyurin, I.I.  
Inst : -  
Title : Investigation and Choice of Alloys for High Temperature Thermocouples.  
Orig Pub : Zh. neorgan. khimii, 1956, 1, No 5, 1074-1090

Abstract : Alloys were selected for high temperature thermocouples, operating in air, stable during prolonged operation at a temperature of 1350 -- 1550°, and suitable for short-duration measurements up to 1800°. The thermal electrodes investigated were pure rhodium, alloys of platinum with rhodium, and triple alloys Pt-Rh-W, Pt-Rh-Re. The alloys were prepared by the metal-ceramic method, and then were rolled or forged. The mechanical stresses were removed by heating for an hour in air to 1200°. The most stable thermoelectric characteristics were displayed by pure

Card 1/2

TYURIN I. I.

18.1200

68232

5(2)  
AUTHORS:

Rudnitskiy, A. A. (Deceased),  
Tyurin, I. I.

S/078/60/005/02/026/043  
B004/B006

TITLE:

A Study on the Research of Alloys for High-temperature  
Thermocouples 21

PERIODICAL:

Zhurnal neorganicheskoy khimii, 1960, Vol 5, Nr 2, pp 401-409  
(USSR)

ABSTRACT:

The authors give an introductory survey on the thermocouples described in publications and then discuss their own investigations to find alloys of sufficient stability at maximum temperatures. The following metals and alloys were investigated: pure Ir and Rh, alloys of Pt with Rh, Ir with Rh, and ternary alloys of Pt with Rh, Ru, Ir, and Pd. An investigation of the temperature characteristics (Tables 1,2, Figs 1,2) showed that the emf curves of the thermocouples (Pt + 30%Rh) - (Pt + 6%Rh), and Rh - (Pt + 20%Rh) are intensely curved, but that the emf curve of the (Ir + 60%Rh) - Ir thermocouple is practically linear. The latter can be applied up to 2340°. The stability of the emf of the thermocouples at high temperatures was also investigated (Tables 3-5, Figs 3,4). At 1550°

Card 1/2

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68233

A Study on the Research of Alloys for High-temperature Thermocouples

S/078/60/005/02/026/045  
B004/B006

the temperature indication of the thermocouple (Pt + 10%Rh)-Pt deviates by 1% after 75 hr, while the same deviation for the thermocouples (Pt + 30%Rh) - (Pt + 6%Rh) and Rh - (Pt + 20%Rh) occurs after 230 and 1500 hr. respectively. At 1800°, the indication of Rh - (Pt + 20%Rh) strays by ±0.5% after 100 hr., while the emf of (Ir + 60%Rh) - Ir increases by 0.6% during the first 25 hr., and is constant within an error limit of ±0.3% thereafter. The alloys Pt + Rh + Ir, Pt + Rh + Pd, and Pt + Rh + Ru were found to be less stable than pure Rh and cannot replace it. The temperature dependence of the resistivity of Rh, Ir, Pt + 20%Rh, Pt + 20%Rh + 10%Ir was determined (Table 6). There are 4 figures, 6 tables, and 12 references, 3 of which are Soviet.

SUBMITTED: October 9, 1958

Card 2/2

TYURIN, I.P.

Production reserves are being used. Bum. prom. 36 no.9:12-13 S  
'61. (MIRA 15:1)

1. Arkhangel'skiy sovnarkhoz.  
(Archangel Province--Paper industry)

TYURIN, I.S.

Materials on the acclimatization of squirrels in Kirghizia. Trudy  
Inst. zool. i paras. KirFAN SSSR no.2:127-129 '54. (MLBA 10:6)  
(Kirghizistan--Squirrels)

TYURIN, I.T.

Primary cancer of the lower horizontal part of the duodenum  
diagnosed by x-ray. Vest. rent. 1 rad. no.5:89-92 S-0 '55.

(MLRA 9:1)

1. Iz bol'nitsy zavoda imeni Il'icha (glavnyy vrach M.L.  
Samoylovich) opornogo punkta Ukrainskogo rentgeno-radiyevogo  
i onkologicheskogo instituta (g. Zhdanov Stalinskoy oblasti,  
USSR)

(DUODENUM, neoplasms,  
diag. x-ray)



TYURIN, IVAN VLADIMIROVICH

DECEASED

1964

Soil Science

1962

TYURIN, Ivan Vladimirovich (1892-1962)

[Organic matter of soil and its role in fertility] Orga-  
nicheskoe veshchestvo pochvy i ego rol' v plodorodii.  
Moskva, Nauka, 1965. 318 p. (MIRA 1825)

J

USSR / Soil Science. Soil Genesis and Geography.

Abstr Jour: Rof Zhur-Biol., No 2, 1959, 6034.

Author : Tyurin, K.D.  
Inst : Voronezh Agricultural Institute.  
Title : Soils of Khrenovskiy Rayon in Voronozhskaya Oblast', Their Genosis and Ways of Further Utilization.

Orig Pub: Zap. Voronozhsk. s.-kh. in-ta, 1957, 27, No 2, 327-334.

Abstract: In the soil cover of Khrenovskiy Rayon chernozem soils, meadow-bog soils, and sclonetz soils are predominant. In the described territory conditions of soil formation, morphology, and physical-chemical properties of soils are investigated. Data is cited of the determined humus and N content in the soils, the ratio of C to N,

Card

Card 1/2

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TYURIN, K.D., Cand Agr Sci—(dies) "Soils of ~~the~~ Khrenovskiy Rayon of ~~the~~ Voronezhskaya Oblast, their genesis, properties, and fertility." Voronezh, 1958. 18 pp (Min of Agr USSR. Voronezh Agr Inst), 150 copies (EL, 30-58, 130)

TYURIN, K.M., inzh.

Improving ribbed reinforced concrete tubings designed by the  
All-Union Scientific Research Institute for the Organization and  
Mechanization of Mine Construction. Krepl. gor. vyr. ugol'. shakht  
no. 1:5-22 '57. (MIRA 11:7)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut organizatsii i  
mekhanizatsii shakhtnogo stroitel'stva.

(Shaft sinking)

(Reinforced concrete construction)

TYURIN, K.M., inzh.; SYCHEV, A.S., inzh.; PRAGER, V.A., inzh.; BABALICHAN,  
D.M., inzh.

Investigation and development of a lining for a shaft sunk  
under particularly difficult hydrogeological conditions.  
Trudy VNIOMSHSa no.15:94-114 '64.

(MIRA 18:2)

SHISHOV, Yevgeniy Leonovich; TYURIN, Konstantin Mikhailovich, SIVUKHIN,  
S.M., otv.red.; SINYAVSKAYA, I.O.K., red.; ANDREYEV, S.P., tekhn.red.

[Ribbed reinforced concrete tubing for the lining of vertical mine shafts] Zhelzobetonnye rebristye tiubingi dlia krepleniia vertikal'nykh stvolov shakht. Khar'kov. Gos. nauchno-tekhn. izd-vo lit-ry po cherno i tsvetnoi metallurgii, 1958. 151 p. (MIRA 11:8)  
(Mine timbering)  
(Shaft sinking)  
(Precast concrete construction)

TYURIN, K.M.

SHISHOV, B.L., kandidat tekhnicheskikh nauk; ~~TYURIN, K.M.~~ inzhener.

Experience in using reinforced concrete ribbed tubing at the  
"Belorechenskaja" mine. Ugol' 30 no.1:17-24 Ja '55.

(MLRA 8:3)

1. VNIOMSs.  
(Mine timbering)

RADYUCHENKO, Yu.S., inzh.; TYURIN, L.M., inzh.

Investigating the technology of straightening very thin-walled  
tubes. [Nauch. trudy] ENIKMASHa 3:67-79 '60. (MIRA 14:1)  
(Pipe mills)



PHASE I BOOK EXPLOITATION SOV/5908

Moscow, Experimental'nyy nauchno-issledovatel'skiy institut kuznechno-pressovogo mashinostroyeniya.

Progressivnaya tekhnologiya i voykovy avtomatizatsii kuznechno-obluchepochepnoy obrabotki (Advanced Processing and Problems of Automation of Die-Forging Operations) Moscow, Mashgtiz, 1960. 126 p. (Series: Itz: Mashbuysy trudy, kn. 3) 3,500 copies printed.

Sponsoring Agency: Gosudarstvennyy komitet Soveta Ministrov SSSR po avtomatizatsii i mashinostroyeniyu.

Editorial Council: M.N. Vasil'yev, V.P. Fyatin, V.I. Derydov, F.Ye. Durov, A.P. Kuznetsov, P.D. Zolotarev, A.I. Zot'yev, B.A. Kozlov, M.Y. Lomov, I.S. Mankov, A.M. Markovich, I.B. Matveyev, S.A. Podras, L.A. Pomyak, V.A. Popov, B.S. Serevichikov, O.V. Protopopov, G.M. Rodov, L.V. Rubanikov, A.P. Silayev, V.I. Ushanov, P.N. Frolov, B.A. Chelishchev, P.D. Chudakov, and B.M. Shnyberg; Chief Ed.: A.I. Zot'yev; Ed. of Publishing House: G.M. Sobolev; Tech. Ed.: G.V. Sidorov; Managing Ed. for Literature on Heavy Machine Building: S.Ia. Golovits, Engineer.

NOTE: This collection of articles is intended for personnel engaged in pressworking and for students in mechanical-engineering schools of higher education.

COVER: The following problems in advanced processing by pressworking are reviewed: flashless drop forging; multipass forged rolling; cold extrusion; hole piercing instead of drilling; small-radius bending of metal sheets; straightening of thin-walled tubes; and embossing. Methods are given for selecting roller-feed parameters and hole size for rotary feed on crank presses. No personalities are mentioned. References accompany each article. There are 57 references; 56 Soviet and 1 English.

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Chudakov, P.D. [Candidate of Technical Sciences]. Investigation into the Possibility of Piercing Holes in Slotted-Type Machine Parts Instead of Drilling Them	54
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AVAILABLE: Library of Congress (CFJ1950.M65)

Card 2/4

VI/vrs/07  
6-15-61

(10)

TYURIN, L.V.

TYURIN, L.V.

Development of Soviet soil science during 40 years. Pochvovedenie  
no.11:1-13 N '57. (MIRA 10:12)

(Soil research)

MIKHAYLOV, Nikolay Nikolayevich; TYURIN, M., redaktor; MALININA, G.,  
redaktor; KOROBEYNIK, N. redaktor; YEGOROVA, I., tekhnicheskiy  
redaktor.

[Looking at a map of our country] Nad kartoi rodiny. Izd. 3-e,  
perer. i dop. [Moskva] Izd-vo TsK VLKSM "Molodaya gvardiya,"  
1954. 447 p. (MLRA 8:11)  
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