PLATONOV, N.Kh.

3(8) PHASE I BOOK EXPLOITATION SOV/1575

Akademiya nauk SSSR. Sovet po izucheniyu proizvoditel'nykh sil

Ocherki osadochnykh mestorozhdeniy poleznykh iskopayemykh (Description of Sedimentary Mineral Deposits) Moscow, Izd-vo AN SSSR, 1958. 84 p. 5,000 copies printed.

Resp. Ed.: L.V. Pustovalov, Corresponding Member, USSR Academy of Sciences; Ed. of Publishing House: G. I. Nosov; Tech. Ed.: S. G. Markovich

PURPOSE: This publication is intended for mining geologists, stratigraphers, petrographers, and mineralogists.

COVERAGE: This collection of articles is devoted to a description of several minerals found in Eastern Siberia, and a discussion of the conditions of their deposition by regions. Individual articles report on the Berezovskoye iron ore deposits, the titaniferous minerals of the Bakal'skoe deposit, the iron ore deposits of the Angaro-Pitskiy basin and the Khoperskiy region. The articles are accompanied by diagrams, tables, and bibliographic references.

Card 1/3

PLATONOV, N.Kh.

Interrelation between resistance to cutting and the petrographic composition of coal. Nauch. trudy MGI no.21:17-32 '57.
(MIRA 11:9)

(Coal mining machinery) (Coal--Testing)

[illegible], P.Kh., [illegible]

Correlation [illegible] petrographic [illegible] of coal. Nauch. [illegible] no.2:56-61 [illegible].

(MIRA [illegible])

1. Predstavlena [illegible] gornykh mashin Moskovsk[illegible] ta im. I.V. Stalina.

(Coal—Analysis) (Mining engineering)

PLATONOV, N. Kh. dotsent, kand.geolog-mineralogicheskikh nauk

Some special features in the formation and composition of rock shale in the Russian Platform. Nauch. trudy MGI no.28:39-56 '59. (MIRA 14:3)

(Russian Platforms—Oil shales)

PLATONOV, N.Kh., dotsent, gornyy inzhener.

Interrelation of compression resistance and the petrographic composition of coal. Nauch. trudy MGI no.16:227-241 '55 [cover '56].
(Coal--Testing) (MLRA 10:4)

PLATONOV, N. KH.

USSR/Geology - Iron

11 Jul 53

"Stratigraphy of Devonian Ferrous Oolites in the Khoperskiy Rayon," N. Kh. Platonov, Moscow Mining Inst

DAN SSSR, Vol 91, No 2, pp 383-385

States that the Devonian oolitic mineralization, according to its origin, is typical of marine formations which originated at the beginning of each cycle of fluctuation in the upper Devonian. Presented by Acad D. S. Belyankin 29 Apr 53.

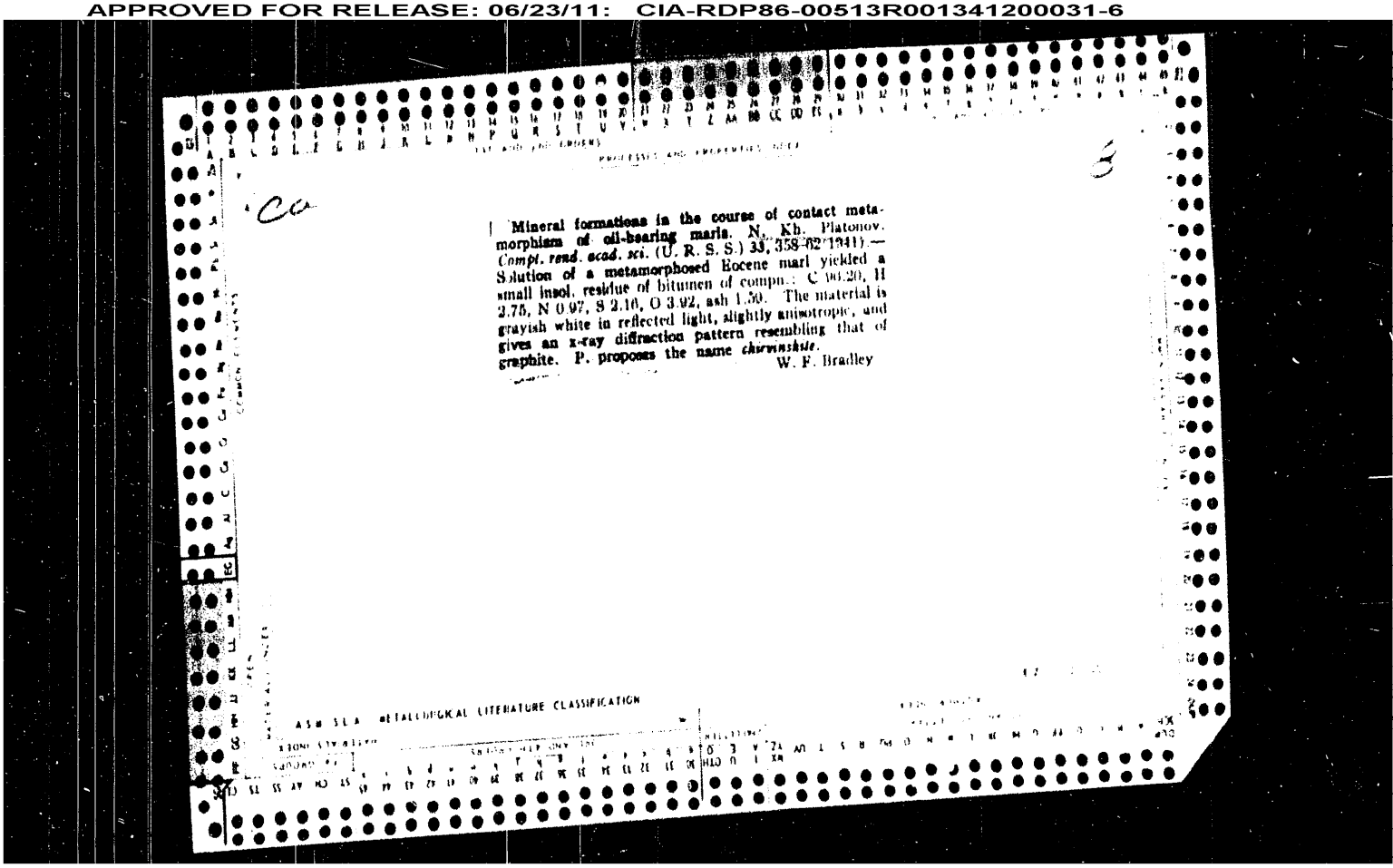
276T51

PLATONOV, N. KH.

USSR

The principal phases in the Pavlovsk crystalline massif formation. N. Kh. Platonov. *Doklady Akad. Nauk S.S.S.R.* 91, 153–6(1953).—The Pavlovsk massif is a southeast extension of the Voronezh cryst. formation along the line Kursk-Voronezh-Pavlovsk-Boguchar. Pavlovsk and Boguchar granite is porphyritic, contg. principally quartz, orthoclase, microcline, oligoclase, oligoclase-andesite, omphacite, amphibole, magnetite, apatite, sphene, and, rarely, fluorspar. Novokhopersk granites and gneisses contain appreciable quantities of biotite, muscovite, chlorite, hypersthene, diopside, and zircon, in addn. to its principal constituents, quartz, orthoclase, and oligoclase. Some staurolite-sillimanite gneiss is also found in this formation.
C. H. Fuchsman

62



Mineral formations in the course of contact metamorphism of oil-bearing marls. N. Kh. Platonov. *Compt. rend. acad. sci.* (U. R. S. S.) 33, 358-62 (1941).—Solution of a metamorphosed Eocene marl yielded a small insol. residue of bitumen of compn.: C 90.20, H 2.75, N 0.97, S 2.10, O 3.92, ash 1.50. The material is grayish white in reflected light, slightly anisotropic, and gives an x-ray diffraction pattern resembling that of graphite. P. proposes the name *churmshite*.

W. F. Bradley

PLATONOV, Nikolai Khrisanfovich

PLATONOV, Nikolai Khrisanfovich. V boiakh za neft' (opyt bor'by bakinskogo komsomola za 5-letku) na reshaiushchikh uchastkakh stroitel'stva. [Moskva] Molodaia gvardiia, 1932. 94 p. DLC: HD9575.A83B37

SO: LC, Soviet Geography, Part II, 1951/Unclassified.

PIATONOV, Nikolai Khrisanfovich.

PIATONOV, Nikolai Khrisanfovich. Zheleznye rudy i drugie poleznye iskopaemye Khoperskogo okruga. Saratov, Gosizdat RSFSR, Nizhne-Volzhskoe kraevoe otdelenie, [illegible].
71 p. [illegible] [illegible]

SO: LC, Soviet Geography, Part II, 1951, Unclassified

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001341200031-6

PLATONOV, Nikolai Khrisanfovich

Platonov, Nikolai Khrisanfovich and P.M. Chirvinskii. ... Ocherk geologicheskogo stroeniia i mestorozhdenii zhelezn[illegible] rud Khopërskogo okr. Nizhne-Volzhskogo Kraia po issledovaniiam 1926 goda; predvaritel'noe soobshchenie. Novocherkassk, 1926. 2½ p. (Severo-Kavkazskoe otdelenie Geologicheskogo Komiteta. No. 1.)

[illegible]

SO: LC, Soviet Geography, Part I, 1951, Unclassified

Name: PLATONOV, Nikolay Ivanovich

Dissertation: Ways to develop skilful mastery of the flute

Degree: Doc of Art Criticism

Affiliation: [not indicated]

Defense Date, Place: 11 Nov 54, Council of Moscow Order of Lenin State Conservatory imeni Tchaikowsky

Certification Date: 11 May 57

Source: BMVO 15/57

ZASYAD'KO, A.F.; KUCHERENKO, V.A.; PAVLENKO, A.S.; GRISHMANOV, I.A.; FROLOV, V.S.; SHASHKOV, Z.A.; YEFREMOV, M.T.; SMIRNOV, M.S.; CHIZHOV, D.G.; NOVIKOV, I.T.; NOSOV, R.P.; ASKOCHENSKIY, A.N.; NEKRASOV, A.M.; LAVRENENKO, K.D.; TARASOV, N.Ya.; GABDANK, K.A.; LEVIN, I.A.; GINZBURG, S.Z.; ALEKSANDROV, A.P.; KOMZIN, I.V.; OZEROV, I.N.; SOSNIN, L.A.; BELYAKOV, A.A.; NAYMUSHIN, I.I.; INYUSHIN, M.V.; ACHKASOV, D.I.; RUSSO, G.A.; DROBYSHEV, A.I.; PLATONOV, N.A.; ZHIMERIN, D.G.; PROMYSLOV, V.F.; ERISTOV, V.S.; SAPOZHNIKOV, F.V.; KASATKIN, M.V.; ALEKSANDROV, M.Ya.; KOTILEVSKIY, D.G.

Fedor Georgievich Loginov; obituary. Elek.sta. 29 no.8:1-2 Ag '58. (MIRA 11:11)

(Loginov, Fedor Georgievich, 1900-1958)

PLATONOV, N.A.

PERVUSHIN, M.G.; LOGINOV, F.G.; ZHIMERIN, D.G.; PAVLENKO, A.S.; KULEV, I.A.; DONCHENKO, V.I.; DROBYSHEV, A.I.; DMITRIYEV, I.I.; YERMAKOV, V.S.; SOSNIN, L.A.; PODUSHKIN, A.S.; SMIRNOV, M.S.; TARASOV, N.Ya.; NIKOL'SKIY, G.P.; KRYLOV, N.A.; KOGTEV, G.I.; ACHKASOV, D.I.; VESELOV, N.D.; CHIZHOV, D.G.; UGORETS, I.I.; NIKIFOROV, F.N.; PLATONOV, N.A.

Vladimir Nikolaevich Sergeev; obituary. Elek. sta. 27 no.3:63 Mr '56. (MLRA 9:8)

(Sergeev, Vladimir Nikolaevich, 1903-1956)

NOVIKOV, I.T.; NEPOROZHNIY, P.S.; LAVRENENKO, K.D.; BONDARENKO, N.[illegible]; VINOGRADOV, Ya.I.; [illegible]TONOV, N.A.; SHE[illegible]CHKOV, I.[illegible]; [illegible], [illegible].; [illegible], V.I.; [illegible]TOV, V.S.; ER[illegible]OV, [illegible]. RAZIN, N.V.; MKHITSARIANOV, L.N.; PLATONOV, V.[illegible].; [illegible], [illegible]. SHCHEDRIN, D.[illegible].; ROZANOV, K.A.; LIVSHITS, A.Ya.; LO[illegible]TIN, N.A.; BYSTROV, P.S.

Sergei Borisovich Fogel'son. Gidr. stroi. 31 no. 1:59-60 Ja '61. ([illegible] 14:2)
(Fogel'son, Sergei Borisovich, 1911-1960)

UGORETS, I.I.; LAVRENENKO, K.D.; BONDAREV, N.M.; PLATONOV, N.A.;
ACHKASOV, D.I.; MKHITARYAN, S.G.; SAVINYKH, A.I.; MALYUTIN, I.P.
VLADIMIROV, P.N.; MOSKOVSKIY, F.A.; GEL'FAND, M.Z.; KARAVAY, S.M.
BESPROZVANNYY, I.A.; KIKINA, M.I.; TRETNIKOVA, Ye.M.

Nikolai Nkolaevich Romanov; obituary. Elek.sta. 27 no.4:63 Ap '56.
(MLRA 9:8)

(Romanov, Nikolai Nikolaevich, 1906-1956)

PLATONOV, N.

The commander was in the front line. Pozh.delo 8 no.2:17-18 F '62. (MIRA 15:2)
(Solomennoye—Sawmills—Fires and fire prevention)

PIATONOV, N.

Success of a common effort. Pozh.delo 6 no.8:16 Ag '60. (MIRA 13:8)
(Tyumen' Province--Fire prevention)

PLATONOV, N.

Physical education of firemen should be closer to practical needs. Pozh.delo 6 no.9:15-16 S '60. (MIRA 13:9)
(Physical education and training) (Firemen)

PLATONOV, M. S.

"On the Color Reactions of Polyphenols with the Salts of Niobium and Tantalum," Zhur. Obshch. Khim., 9, No. 6, 1939. Chair of Analytical Chemistry, Leningrad Order of the Red Banner Chemico-Technological Institute. Received 14 July 1938.

Report U-1517, 22 Oct 1951

SOKOLOVA, T.I.; PLATONOV, M.P.

Biological microscopes in 1961. TSitologiia 3 no.3:345-357 My-Je '61. (MIRA 14:6)

1. Gosudarstvennyy opticheskiy institut, Leningrad.
(MICROSCOPE)

using the formula

$$X(\theta_i, \lambda_i) = \sum_{n=1}^{M} \sum_{m=0}^{n} (g_n^m \cos m\lambda_i + h_n^m \sin m\lambda_i) \left[\frac{dP_n^m(\cos\theta)}{d\theta} \right]_{\theta=\theta_i}.$$

i = 1, 2, 3,...N, where N is the number of stations used. The system of equations can be solved analytically when $N \leq M^2 + 2M$. When $N > M^2 + 2M$, the system can be solved by the method of least squares applying the orthogonal system of functions. Coefficients of the function expansion are determined by introduction of auxiliary coefficients computed from recurrent formulas. A series of tests was carried out using algorithm B. The goal of the first test was to evaluate errors of all the coefficients. The second test dealt with an evaluation of the change of coefficients. The third test consisted of a comparison of the magnetic field during a quiet sun with that based on probable errors of coefficients. Functions of electric currents were computed using formulas of spherical expansion. The depth of the nonconducting layer of the earth and the conductivity of the earth's core were computed using approximate harmonics. Numerical values of these parameters differ markedly from results obtained by other investigators. Orig. art. has: 6 figures, 9 tables, and 22 formulas.

SUB CODE: 08/ SUBM DATE: none/ ORIG REF: 006/ OTH REF: 008

ACC NR: AT6034607 SOURCE CODE: UR/3148/66/000/008/0005/0022

AUTHOR: Bazarzhanov, A. D.; Mishin, V. M.; Nemtsova, E. I.; Platonov, M. L.

ORG: none

TITLE: A method of analytical representation of instantaneous fields of magnetic variations

SOURCE: AN SSSR. Mezhduvedomstvennyy geofizicheskiy komitet. III razdel programmy MGG (Geomagnetizm i zemnyye toki). Sbornik statey, no. 8, 1966. Geomagnitnyye issledovaniya (Geomagnetic research), 5-22

TOPIC TAGS: geomagnetic field, spheric harmonic, universal time, algorithm, probable error, HARMONIC ANALYSIS

ABSTRACT: A geomagnetic field can be expressed by the spherical harmonic analysis completed by Legendre polynomials. This method was corrected and made independent of universal time. A special method was elaborated for the use for electronic computers by which instantaneous parameters of the variable magnetic field can be determined. This method is based on a special algorithm B in which components of the geomagnetic field X_i, Y_i, and Z_i of selected stations are determined

Card 1/2

S/044/62/000/003/011/092
Formulas for the inversion of sums ... C111/C222

are equivalent for those real α for which the series in question converge absolutely.

[Abstracter's note: Complete translation.]

Card 2/2

16.1000
16.1500

36975
S/044/62/000/003/011/092
C111/C222

AUTHOR: Platonov, M. L.

TITLE: Formulas for the inversion of sums having as kernels polynomial coefficients

PERIODICAL: Referativnyy zhurnal, Matematika, no. 3, 1962, 8, abstract 3B35. ("Uch. zap. Irkutskogo gos. ped. in-ta", 1960, no. 17, 178-183)

TEXT: The following theorem is proven by complete induction:

The formulas

$$\sum_{k_1, k_2, \ldots, k_s} \binom{\alpha}{k_1, k_2, \ldots, k_s} f(\alpha - k_1 - \ldots - k_s) = g(\alpha)$$

and

$$\sum_{k_1, k_2, \ldots, k_s} (-1)^{k_1+k_2+\ldots+k_s} \binom{\alpha}{k_1, k_2, \ldots, k_s} \times g(\alpha - k_1 - \ldots - k_s) = f(\alpha),$$

where

$$\binom{\alpha}{k_1, k_2, \ldots, k_s} = \frac{\Gamma(\alpha+1)}{k_1! k_2! \ldots k_s! \Gamma(\alpha - k_1 - \ldots - k_s + 1)},$$

$$k_i = 0, 1, 2, \ldots (i = 1, 2, \ldots, s),$$

Card 1/2

PLATONOV, M.L.

Inversion formulas containing binomial coefficients. Trudy Nauch. ob'ed.prep. fiz.-mat. fak.ped.inst.Dal'.Vost. 1:88-91 '62. (MIRA 17:3)

1. Irkutskiy gosudarstvennyy pedagogicheskiy institut.

ACC NR: AT6034609

expressed by sums of spherical harmonics from which the coefficients of expansion were determined. Computations of coefficients were made from various combinations of stations according to longitudinal zones and global distribution. Numerical values were given in tables. Analysis of variations of the amplitude c_1 of the computed first harmonic of the S_q-field and those of the observed field showed that errors obtained using geographic and geomagnetic coordinates differed very little. Approximate values of S_q-variations obtained using spherical functions expressed by geomagnetic coordinates of southern and low-latitude stations were nearer the observed values. The same effect was obtained for stations of northern middle latitudes using spherical functions expressed by geographical coordinates. A combination of stations by longitudinal zones yields better agreement between computed and observed values of S_q-variations. Different S_q-field values in longitudinal zones indicate that the electrical conductivity of zones is different. Maps of current whirls are given for both hemispheres. Orig. art. has: 10 figures, 10 tables, and 11 formulas.

SUB CODE: 08/ SUBM DATE: none/ ORIG REF: 005/ OTH REF: 006

Card 2/2

ACC NR: AT6034609 SOURCE CODE: UR/3148/66/000/008/0031/0051

AUTHOR: Afraymovich, E. B.; Bazarzhapov, A. D.; Mishin, V. M.; Nemtsova, E. I.; Onipov, N. K.; Platonov, M. L.; Urbanovich, V. D.

ORG: none

TITLE: Mean S_q-fields according to data for September 1958

SOURCE: AN SSSR. Mezhduvedomstvennyy geofizicheskiy komitet. III razdel programmy MGG (Geomagnetizm i zemnyye toki). Sbornik statey, no. 8, 1966. Geomagnitnyye issledovaniya (Geomagnetic research), 31-51

TOPIC TAGS: geomagnetic field, algorithm, spheric harmonic, geomagnetic coordinate, geographic coordinate, electroconductivity

ABSTRACT: The nature of the geomagnetic S_q-variations is unknown. Previous investigations made by the same authors are continued here using the same methods as before. A comparison was made between various groupings of stations and the systems of coordinates used for studying the magnetic variations during a quiet sun. The algorithm B used in earlier publications was insufficient for the solution of the problem of S_q-variations. The algorithm A was introduced which is analogous to that of Gauss and Shuster. The S_q-field was assumed to be equal to the magnetic field potential, and its components were

Card 1/2

The diurnal variation of the...

delay - as regards the moment of the contact of the flux with the Earth. 2) The inequality of $\tau_{nb} < \tau_{kb}$ may be explained by the fact that the fluxes causing the G-storms have a shock front. 3) The main result of this work is the description given of the clearly-expressed variations S_{nb} and S_{kb}, and the possibility of explaining these variations as a result of Sa. There are 4 figures, and 1 table.

ASSOCIATION: Institut zemnogo magnetizma, ionosfery i rasprostraneniya radiovoln SO AN SSSR (Institute of Terrestrial Magnetism, Ionosphere and Radio Wave Propagation of SO, AS USSR)

SUBMITTED: June 23, 1962

Figure 1.

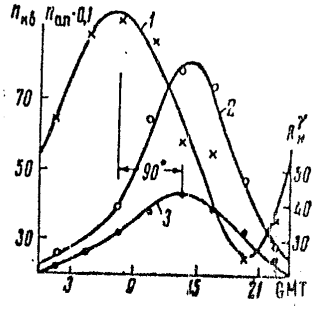
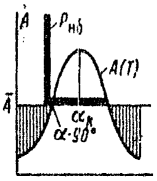


Figure 2.



Card 3/3

44454
S/203/62/002/006/010/020
A160/A101

3.9120

AUTHORS: Mishin, V. M., Naydenova, N. Ya., Platonov, M. L.

TITLE: The diurnal variation of the probability of the appearance of the commencements, the active periods and the ends of magnetic storms

PERIODICAL: Geomagnetizm i aeronomiya, v. 2, no. 6, 1962, 1107 - 1112

TEXT: The authors investigate the probability of the appearance of the commencements, the active periods and the ends of magnetic storms on the basis of the Irkutsk Storms Catalog for 1905 - 1917 and 1925 - 1959. The catalog describes 820 storms. A total of 539 of them are storms with a gradual commencement. Figure 1 presents the curves $S_{нб}$ (nb), $S_{ап}$ (ap) and Sa for Irkutsk. Ordinates in curve 1 represent the frequencies of the commencement of the G-storms n_{nb}, in curve 2 - the frequencies of the active hours n_{ap}, and in curve 3 - the equivalent amplitudes R_H^{γ}. Similar distinctions between Sa and S_{nb} were also observed at all other stations. These data, characterizing the phases of the maximum of the first harmonic of Sa and S_{nb}, are presented in a table. The authors explain these results by proposing that S_{nb} may be considered as a re-

Card 1/3

PLATONOV, M.L.

Numbers of combinatorial structure. Sib. mat. zhur. 5 no.6:
1317-1325 N-D '64. (MIRA 17:12)

MISHIN, V.M.; MAYDENOVA, N.Ya.; PLATONOV, M.L.

Diurnal variation in the probability of the occurrence of the beginnings, active periods, and ends of magnetic storms. Geomag. i aer. 2 no.6:1107-1112 N-D '62. (MIRA 16:1)

1. Institut zemnogo magnetizma, ionosfery i rasprostraneniya radiovoln Sibirskogo otdeleniya AN SSSR.
(Magnetic storms)

PLATONOV, M.L.

Examples of sets of transcendental numbers of the type
Izv.vys.ucheb.zav.; mat. no.6:91-100 '62. (MIRA 15:12)

1. Irkutskiy gosudarstvennyy universitet imeni A.A.Zhdanova.
(Numbers, Transcendental)

PLATONOV, M.L.

Generalized inversion formulas for summator functions. Izv. vys.ucheb.zav.; mat. no.3:116-121 '62. (MIRA 15:9)

1. Irkutskiy gosudarstvennyy universitet imeni A.A. Zhdanova.

(Numbers, Theory of)

PLATONOV, M. L.

Platonov, M. L. An estimate of the approximation of algebraic irrationalities by ratios of logarithms of increasing natural numbers. Irkutsk. Gos. Univ. Trudy 8 (195[illegible]), no. [illegible], [illegible]. (Russian)

Let α be an irrational algebraic number and let ε be positive. Then there is a $q_0>0$ such that for every pair of positive integers p and $q>q_0$ for which $\log p/\log q$ is irrational, the inequality

$$\left|\alpha-\frac{\log p}{\log q}\right|>\exp\left(-\log^{[illegible]} q\,\log^{[illegible]+\varepsilon}\log q\right)$$

holds. The proof depends on a method described by A. O. Gelfond [Uspehi Mat. Nauk (N.S.) 4 (1949), no. 4(32), 19–49; MR 11, 231]. *W. J. LeVeque* (Ann Arbor, Mich.).

PLAKSIN, S.A., nauchnyy sotrudnik; PLATONOV, M.F., nauchnyy sotrudnik; SMIRNOV, V.I., nauchnyy sotrudnik; KUMOSHENSKIY, M.D., nauchnyy sotrudnik.

Increasing the size of bales of unbleached fabric. Tekst.prom. 17 no.10:59-60 O '57. (MIRA 10:12)

1.Ivanovskiy nauchno-issledovatel'skiy tekstil'nyy institut.
(Cotton fabrics)

PLATONOV, M.A., inzh.

Using tapered fold holders in drawing parts. Vest.mash. 38 no.12:32-33 D '58. (MIRA 11:12)
(Drawing (Metalwork))

GAPCHENKO, P.K.; MALYUKH, Z.M.; PLATONOV, M.I.; OREL-KRAYUSHKIN, V.S.; FUNTIKOVA, K.P.; KRYUKOV, V.L., redaktor; PAVLOVA, M.M., tekhnicheskiy redaktor

["Collective farm building" pavilion; a guidebook] Pavil'on "Postroiki kolkhoznogo sela"; putevoditel'. Moskva, Gos. izd-vo selkhoz. lit-ry, 1956. 26 p. (MLRA 9:10)

1. Moscow. Vsesoyuznaya sel'skokhozyaystvennaya vystavka, 1954-
2. Direktor pavil'onov (for Platonov)
(Moscow--Farm buildings--Exhibitions)

[illegible], [illegible] L.

[illegible], [illegible] L. -- "[illegible] Problems of [illegible]." [illegible]
Sub [illegible] May 52, Mathematics Inst imeni V. A. [illegible], [illegible]
(Dissertation for the Degree of Candidate in Physicomathematical
Sciences).

SO: Vechernaya Moskva January-December 19[illegible]2

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001341200031-6

PIATONOV, M.I.

Collective farm's house of culture. Nauka i pered. op. v sel'khoz. 7 no.12:61-63 D '57. (MIRA 11:1)

1. Direktor pavil'ona "Kolkhoznyy dom kul'tury" na Vsesoyuznoy sel'skokhozyaystvennoy vystavke.
(Community centers)

Extrusion with ...

where D is the blank diameter, K_k - the extrusion degree of the ... d_1 - diameter of the extruded cup, d_k - the edge diameter of the cup in the first extrusion stage (Fig. 1), $N = \frac{D}{d_k}$ - the ... cal cup in the first extrusion stage. The permissible N values for different blank thickness are given in tables. The data apply to blanks of grade 20 steel, aluminum AMuM (AMtsM) and D16M (D16M) alloys and other metals with similar mechanical properties. Shallow cups are extruded without lubricants. The bottom edge radius of the ... equal to (6 — 8)s. The recommended dimensions for the blanking punch and the work portions of the extruding die and punch are shown in drawings. Recommendations are also given for the re-extrusion ... determination of the blank-cup diameter and extrusion ... There are 3 tables and 4 figures.

Card 2/3

9d,23
S/182/62/000/00[illegible]
D040/D113

1.1310

AUTHOR: Platonov, M.A.

TITLE: Extrusion with conical pressure pad

PERIODICAL: Kuznechno-shtampovochnoye proizvodstvo, [illegible]

TEXT: The described extrusion process in dies with conical pressure pad [illegible] (Fig. 1), as compared with the use of a flat pressure pad, permits [illegible] 40-45% deeper cups in one stroke, and obtaining extruded elements with a more even wall thickness. The formula for determining the β angle of the pad is:

$$\cos\beta = \frac{\frac{D^2}{N^2} - d^2}{D^2 - d^2} = \frac{\frac{K_k^2}{N^2} - 1}{K_k^2 - 1},$$

Card 1/3

PLATONOV, M.A.

Drawing with a conical blank holder. Kuz.-shtam. proizv. 4 no.3:17-18 Mr '62. (MIRA 15:3)
(Drawing (Metalwork))

The use of Conically Formed Blank Holders for Deep Drawn Components

degree of compression of the material at the rim in the case of a conical part being drawn in one operation without use of a blank holder. Provided that the conical part has a value N less than or equal to the limit value given in the table for the corresponding value of S, then it can be drawn in one operation. The table thus enables the angle of the cone for blank holders to be worked out from a relationship which is given. This relationship involves N and the blank diameter D, and the part diameter d. The angle beta is as indicated in Fig 1a. The table is applicable for aluminium, soft steel and for alloys with similar plasticity. Other dimensions for the tools should be as for tools with normal flat blank holders. The bottom edge of the conical holder should be radiused 10 x blank thickness. There are 1 figure and 1 table.

Card 2/2

SOV/122-58-12-11/32

AUTHOR: Platonov, M.A., Engineer

TITLE: ~~The use of Conically~~ Formed Blank Holders for Deep Drawn Components (O primenenii konusnykh skladkoderzhateley pri vytyazhke detaley)

PERIODICAL: Vestnik Mashinostroyeniya, 1958, Nr 12, pp 32-33 (USSR)

ABSTRACT: Aluminium cups 114 mm deep, 120 mm diameter, can be drawn from blanks 265 mm diameter and 1 mm thickness in one press operation by using conically formed blank holders (Fig 1a). At this, the depth/diameter ratio is some 50% greater than is usually achieved with normal blank holders in one operation. With the same type of holder, blanks can be drawn with depth to diameter ratio of 1.28 with simultaneous reduction in thickness from 2 mm to 1.3 mm. The reverse conical type of blank holder (Fig 1b) provides greater friction and is useful for spherical parts. A table is given showing the experimentally determined relationship between coefficients S and N where S is the ratio: (blank thickness divided by blank diameter) x 100 and N is the ratio: blank diameter divided by diameter of conical part at outside rim. N expresses the permissible

Card 1/2

PLATONOV, M.

ON Airplane Designers Ilyushin and Gurevich

Soviet Source: P: Znaniye-sila No. 12 (Moscow Dec. 47)
Abstracted in USAF "Treasure Island", on file in Library of Congress,
Air Information Division, Report No. 076170-71 Unclassified

PLATON, M., ing.; BRUMARESCU, A., chim.

Chlorine requirements for the bleaching of paper pulps from annual plants and foliafe trees. Col hirtie 12 no.4:128-134 Ap'63.

PLATONOV, M., izobretatel' (Moskva)

Half as many dies. Izobr. i rats. no.4:28 '63. (MIRA 16:7)

(Extrusion(Metals))

PLATONOV, M.

A man with an inquisitive mind. Sov.profsoiuzy 5 no.[illegible]-59 O '57. (MIRA [illegible])

1. Predsedatel' [illegible] komiteta profsoyuza neftianogo promysla No.[illegible] tresta "[illegible]neft'."
(Petroleum workers)

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001341200031-6

1. PLATOKOV, L. V.

2. USSR (600)

4. Science

7. Some problems of the philosophy of natural science in the light of I. V. Stalin's work "Economic problems of socialism in the U.S.S.R." Vest. AN SSSR 23, No. 1, 1953.

9. Monthly List of Russian Accessions, Library of Congress, May 1953. Unclassified.

PLATONOV, K.N.

Making derricks of reinforced concrete; from the practice of Tula communication engineers. Vest.sviazi 15 no.12:18-19 D '55. (MLRA 9:3)

1. Nachl'nik remontnoy masterskoy Tul'skogo oblastnogo upravleniya svyazi.
(Tula--Reinforced concrete) (Electric lines--Poles)

PLATONOV, Konstantin Konstantinovich; ANTONYUK, L., red.

[Entertaining psychology] Zanimatel'naia psikhologiia. Izd.2., dop. Moskva, Molodaia gvardiia, 1964. 380 p.
(MIRA 17:12)

PLATONOV, K.K., prof.

Psychopathology in the practice of the military doctor.
Voen. med. zhur. no.10:86 O '65. (MIRA 18:11)

LUKOV, Grigoriy Dem'yanovich, dots., polkovnik zapasa; PLATONOV, Konstantin Konstantinovich, prof., polkovnik medsluzhby v otstavke. Prinimal uchastiye FELENKO, N.P., kapitan; K'YACHENKO, M.I., podpolkovnik; SHARPILO, P.N., red.

[Psychology] Psikhologiia. Moskva, Voenizdat, 1964. 343 p. (MIRA 17:6)

PLATONOV, K.K., prof.

Thinking. Nauka i zhizn' 30 no.4 [illegible] Ap '63.
(MIRA 16:7)

(Perception--Testing)

SHOROKHOVA, Ye.V.; MANSUROV, N.S.; PLATONOV, K.K.

Problems of social psychology. Vop. psikhol. 9 no.5:73-82 S-O '63. (MIRA 17:2)

1. Sektor psikhologii Instituta filosofii AN SSSR, Moskva.

PLATONOV, K.K.

Editor's mail. Vop. psikhol. 9 no.2:171-172 Mr-Ap '63.
(MIRA 16:4)
(Psychology)

PLATONOV, K.K., prof.

Practical exercises in psychology. Nauka i zhizn' 29 no.11:
106-107 N '62. (MIRA 16:1)
(Psychology, Applied)

PLATONOV, Konstantin Konstantinovich; ANTONYUK, L., red.; MIKHAYLOVSKAYA, N., tekhn. red.

[Entertaining psychology] Zanimatel'naia psikhologiia. Moskva, Molodaia gvardiia, 1962. 326 p. (MIRA 15:7)
(Psychology)

PLATONOV, Konstantin Konstantinovich; POLEZHAYEV, Yo.F., red.;
GABERLAND, M.I., tekhn. red.

[Psychology of labor] Voprosy psikhologii truda. Moskva,
Medgiz, 1962. 218 p. (MIRA 15:4)
(PSYCHOLOGY, INDUSTRIAL)

PLATONOV, K.K., prof., doktor med.nauk

Psychological principles in training the moral characteristics of the Soviet soldier. Part 3. Vest.protivovozd.obor. no.7:69-71 S '61. (MIRA 14:8)

(Phychology, Military)

PLATONOV, K.K., prof., doktor med.nauk

Psychology of fearlessness. Part 2. Vest.protivovozd. obor. no.8:74-77 Ag '61. (MIRA 14:8)
(Courage) (Psychology, Military)

PLATONOV, K.K., prof., doktor med.nauk

Subject of psychology and its tasks. Vest. protivovozd. obor. no.6:73-73 Je '61. (MIRA 14:8)
(Psychology, Military)

Controversial and resolved ...

tes for flying training e.g. the US instrument reading test determines the candidates readiness to fly under complicated meteorological conditions, but does not determine his flying abilities in combat; c) In the USA, many psychological tests are developed and carried out by persons who have no knowledge of psychology whatsoever. The author concludes that more attention should be paid to the observation and testing of flying students during their training, especially of those whose progress is unsatisfactory. There are 13 references: 12 Soviet-bloc and 1 non-Soviet-bloc. [Abstractor's note: The editors of this article ask readers to discuss it in future issues].

SUBMITTED: May 1960

Card 3/3

Controversial and resolved ...

the theory of inborn abilities to be utterly incorrect but, nevertheless, refers to Karl Marx (Ref. 1: Soch. (Works), T. XVII, 185) applying the latter's theories to flying abilities, in an effort to determine the most favorable character traits that a good pilot must possess. In the author's opinion the best way to determine these characteristics is to compare date of experimental psychological tests taken before the individual entered school with his behaviour in every day life and especially in sports and physical training. The author states that many specialists are asking why the USSR does not apply flying selection tests, used in the USA and all NATO countries. He points to 3 main causes: a) selection tests have been found unsatisfactory even in the NATO countries, as has been shown during a special symposium, held in 1953 [Abstractor's note: Not specified]. Checks made during the Korean war, proved that prognoses which were justifiable in peace-time did not hold under war time conditions; b) US selection methods are aimed at determining not flying abilities but general suitability of candida-

S/177/61/000/001/003/010
D211/D306

27.6350

AUTHOR: Platonov, K.K., Professor

TITLE: Controversial and resolved problems on the theory of flying abilities

PERIODICAL: Voyenno-meditsinskiy zhurnal, no. 1, 1961, 24 - 29

TEXT: The author discusses two theories concerning man's aptitude for flying. One of these asserts that flying capabilities are inborn and immutable like artistic talents; the other affirms that they are not innate and can be developed by proper training. The author states that although special health requirements for airmen were introduced in Russia as early as 1911 the controversy of these two theories is still not resolved. Recently a discussion was held (Ref. 4: Sovetskaya aviatsiya (Soviet Aviation), January 30, 1960) with P. Belkin claiming that correct training is the only valid criterion. The author then states that Soviet science has proven

Card 1/3

Aviation Psychology

SOV/5413

AVAILABLE: Library of Congress

Card 7/7

Aviation Psychology

PART IV. [illegible]

Ch. 12. Psychological Tests in Aviation [illegible]
General tasks of psychology in aviation [illegible]
Personality characteristics of aviators
Flying aptitudes
Psychological selection of aviators in flying [illegible]
Psychological study of flyers in peacetime life
Psychological study of causes of aviation accidents

Ch. 13. Psychological Rationale of Flying Training
General psychological problems in retraining and training flyers
Psychological requirements in using ground trainers
Special psychological features of [illegible] flyers
Psychological causes of success in flying training

Ch. 14. Psychological Rationale of Work-and-Rest Regimen for Flyers
Factors of flyer weariness and fatigue
Symptoms of flyer weariness
Rational rest for flying personnel
Psychological problems of [illegible] in flying

Card 6/7

Aviation Psychology

Ch. 8. Instrument Flying
Instrument orientation
Illusions in instrument flying
Special comparative [illegible]
flying, and flying in [illegible]
Psychological analysis of [illegible]

Ch. 9. High-Altitude Flying
Factors affecting the [illegible]
Effect of oxygen [illegible]

Ch. 10. High-Speed Flying
Time limits and deficiencies in flight
Influence of acceleration on the [illegible]
Emergency rescue of a flyer in high-speed flight

Ch. 11. Space Flight

Card 5/7

Aviation Psychology

Ch. 5. Thinking and Memory
Special features and aspects of a flyer's thinking
Special psychological features of reading
Special features of memory, their importance in aviation
Methods of studying the thinking and memory of students and flyers

Ch. 6. Emotions and Will Power
Special emotional features of flying
Will power qualities of a flyer
Psychological nature of flyer discipline
Fear and fearlessness
Tension in flight
Methods of studying emotions and will power of students and flyers

PART III. SPECIAL PSYCHOLOGICAL FEATURES OF VARIOUS KINDS OF FLIGHT

Ch. 7. Flying Training
General concept of flying training
Piloting technique
Visual landing
Control and orientation in flight

Card 4/7

Aviation Psychology

Aviation psychology outside the Soviet Union

Ch. 2. Investigating Methods in Aviation Psychology
General requirements
Observation and interviews
Laboratory experiment
Experiment in real conditions

PART II. SPECIAL FEATURES OF PSYCHOLOGICAL PROCESSES IN FLIGHT

Ch. 3. Sensations, Perception, and Attention
Sensations and perception in flight
Qualities of attention and their importance in aviation
Forming qualities of attention indispensable to flyers
Methods of studying perception and attention of students and flyers

Ch. 4. Psychomotor Phenomena
Working motions of a flyer
Psychological processes in flight
Methods of studying psychomotor phenomena of students and flyers

Card 3/7

Aviation Psychology SOV/5413

T. Kh. Gurvich, Ye. A. Derevyanko, V. Ya. Dymerskiy, T.I. Zhukova, **N.D. Zavalova,** Ye. S. Zav'yalov, I.P. Ivanovskaya, Ye. A. Kerper, [illegible], I.A. Kamyshov, A.I. Konovalov, I.I. Lependina, A.A. Makagonova, I.I. [illegible], G.D. Naroditskaya, I.I. Nikiforov, G.D. Nilov, P. Ya. Nurdygin, A.Ye. Olishanikova, Yu. A. Petrov, B.M. Pikovskiy, B.L. Pokrovskiy, M.F. Ponomarev, V.A. Popov, A.M. Pospelov, L.M. Rozet, S. Ya. Rubinshteyn, T.I. Tepenitsyna, I.V. Tserevitinova, Sh. A. Samkharadze, R.I. Ul'chenko, Yu. I. Shpigel', I. Ye. Shrumko, G.K. Smith, and B.A. Yakubov. There are 233 references: 190 Soviet (including 2 translations), 35 English, 3 French, 3 German, 1 Polish, and 1 Czechoslovak.

TABLE OF CONTENTS:

Card 2/7

PHASE I BOOK EXPLOITATION SOV/5415

Platonov, Konstantin Konstantinovich, Retired Colonel in the Medical Service, Professor, Doctor of Medical Science

Psikhologiya letnogo truda (Aviation Psychology) Moscow, Voyenizdat Min-va obor. SSSR, 1960. 350 p. No. of copies printed not given.

Eds.: A.I. Konovalov, Lieutenant-Colonel in the Medical Service, and N.F. Gavrilov, Colonel in the Medical Service; Tech. Ed.: T.F. Myasnikova.

PURPOSE: This book is intended for specialists in **flying training methods, flight** surgeons, flying personnel of the Soviet military and civil air fleets and DOSAAF. It may also be useful to readers interested in the psychology of flying.

COVERAGE: The book deals with **the subject matter, methods**, and history of aviation psychology. The special aspects of flight psychology are presented, and rationalization of training, analysis of flying mistakes and flight accidents are covered. The author thanks: O. Ya. Bokser, G.G. Golubev, B.M. Gol'dshteyn,

Card 1/7

PLATONOV, K.K. (Moskva)

Psychological problems of cosmic flight. Vop. psikhol. 5 no.3: 56-65 My-Je '59. (MIRA 12:9)
(Space flight--Psychological aspects)

SEVERSKIY, Aleksey Ivanovich; PLATONOV, K.K., prof., red.; VASIL'YEV, A.A., red.; BLAZHENKOVA, G.I., tekhn.red.

[Preserving pilot's health] Kak sokhranit' zdorov'e letchika. Pod red. K.K.Platonova. Moskva, Izd-vo DOSAAF, 1959. 118 p. (MIRA 12:9)

(AIR PILOTS--DISEASES AND HYGIENE)

Card 4/5

Man in Flight

II. At High Altitude

Card 3/5

Man in Flight

177

COVERAGE: The basic problems of aviation medicine are discussed, a knowledge of which is necessary for all fliers. This book was started in 1937 and first published in 1946. In view of the rapid progress of aviation and aviation medicine, it required a thorough revision in 1957 in which the author was assisted by the Collective of the Scientific Research and Test Institute for Aviation Medicine.

TABLE OF CONTENTS:

Card 2/5

PHASE I BOOK EXPLOITATION 177

Platonov, Konstantin Konstantinovich, Doctor of Medical Sciences, Professor, Colonel of Medical Services

Chelovek v polete (Man in Flight) 2d ed., rev. and enl. Moscow, Voyen. izd-vo Min-va obor. SSSR, 1957. 284 p. Number of copies printed not given.

Ed.: Druzhininskiy, M. V., Engineer-Major; Tech. Ed.: Konovalova, Ye. K.

PURPOSE: The book is intended for members of flying clubs, students of flying schools, and the flying staff of the Air Force, combat units of the Soviet Army as well as young people interested in aviation. It will also be useful for physicians giving service to flying sections, schools, and clubs.

Card 1/5

PLATANOV, K.K.

[illegible]OV, K.K., [illegible]

"[illegible]," ([illegible]), [illegible] *Aviatsiya,* [illegible]

PLATONOV, K.K.; CHAPEK, A.V.

Activities of section of Aviation Medicine of the Moscow Society of Physiologists, Biochemists and Pharmacologists. Fiziol.zhur. 42 no.8:728 Ag '56. (MLRA 9:11)

(AVIATION MEDICINE)

PLATONOV, K. K. and KONOVALOV, A. I.

"Theoretical and Practical Problems in Providing Medical Service to Flights Under Difficult Meteorological Conditions," Voyenno-Med. Zhur., No.7, pp 8-15, 1956

Verbatim translation D 416336

Platonov - Col. of Med. Services

PLATONOV, K. K

AID P - 774

Subject : USSR/Aeronautics

Card 1/1 Pub. 58 - 5/16

Author : Platonov, K., Doctor of Medical Sciences

Title : Appeal for a deeper study of individual features of student-pilots

Periodical : Kryl. Rod., 10, 10, O 1954

Abstract : The author advises flying instructors to study student-pilots individually, in order to improve their training. Examples of this method of training are given. Some names are mentioned. Photo.

Institution : Kalinin Aeroclub

Submitted : No date

PLATONOV, K. K.

Czlowiek w locie. Pod red. J. Gazenko. (Tlum. z rosyjskiego Stanislaw Haduch. Wyd. 1. 1954. 198 p. (Man in flight. Tr. from the Russian. 1st ed. illus., diagrs., graphs)

SOURCE: East European Accessions List, (EEAL), Library of Congress, Vol 4, no. 12, December 1955

PLATONOV, K.K., DOCENT COL

USSR/Aeronautics - Aviation Medicine Feb 50

"Progress of Soviet Aviation Medicine," Docent K. Platonov, Col, Med Sv

"Vest Vozdush Flota" No 2, pp 35-40

Reviews development and accumulation of knowledge on effect of flying on human body. Mentions names of scientists and physicians who contributed to progress of avn med and their publications on subject.

173T14

P[illegible] K

PLATONOV, K.

Ocherki psikhologii dlia letchikov. Moskva, Voen. izd-vo, 1[illegible]. [illegible].
Title tr.: Notes on psychology for aviators.
[illegible]

SO: Aeronautical Sciences and Aviation in the Soviet Union, Library of Congress, 1955.

Platonov, K.

PLATONOV, K.

Chelovek v polete. (Moskva), Voenizdat, 1946.
Title tr.: Man in flight.

RGF

30: Aeronautical Sciences and Aviation in the Soviet Union, Library of Congress, 1955.

PLATONOV, Konstantin Ivanovich; POLEZHAYEV, Ye.F., red.; ROMANOVA, Z.A., tekhn. red.

[Word as a physiological and therapeutic factor; problems of the theory and practice of psychotherapy based on I.P.Pavlov's teaching]Slovo kak fiziologicheskii i lechebnyi faktor; voprosy teorii i praktiki psikhoterapii na osnove ucheniia I.P. Pavlova. Izd.3. s nekotorymi dop. i izmereniiami. Moskva, Medgiz, 1962. 531 p. (MIRA 16:2)
(PSYCHOTHERAPY)

PLATONOV, K.I.

Role of speech therapy at resorts. Vop.kur.fizioter. i lech.fiz. kul't. 23 no.4:294-297 Jl-Ag '58 (MIRA 11:8)

1. Iz Ukrainskogo nauchno-issledovatel'skogo psikhonevrologicheskogo instituta i TSentral'noy klinicheskoy psikhonevrologicheskoy bol'nitsy Ministerstva putey soobshcheniya (Khar'kov).
(THERAPEUTICS, SUGGESTIVE)

PLATONOV, Konstantin Ivanovich; PLEZHAYEV, Ye.F., redaktor; BEL'CHIKOVA, Yu.S., tekhnicheskiy redaktor

[Speech as a physiological and medical factor; problems in the theory and practice of psychotherapy based on I.P.Pavlov's teachings] Slovo kak fiziologicheskiy i lechebnyi faktor; voprosy teorii i praktiki psikhoterapii na osnove ucheniia I.P.Pavlova. Izd. 2-oe, zanovo perer. i dop. Moskva, Gos. izd-vo med. lit-ry, 1957. 430 p. (MLRA 10:2)
(PSYCHOTHERAPY)
(PAVLOV, IVAN PETROVICH, 1849-1936)
(SPEECH)

EXCERPTA MEDICA Sec.8 Vol.11/4 Neuro.-Psychiatry Apr 58

PLATONOV, K.I.

2102. PSYCHOTHERAPY IN IMPAIRMENT OF DYNAMIC STEREOTYPES OF HIGHER NERVOUS ACTIVITY (Russian text) - Platonov K.I. - ZH.NEVROPAT.PSIKHIAT. 1956, 11 (854-857)

Dynamic stereotypes form the basis of man's habitual behaviour and determine the equilibrium of the organism and the environment. The question is posed whether it is possible to change the character of such a fixed cortical stereotype by means of verbal influence of suitable content on the waking or sleeping (hypnotically induced sleep) subject if this particular stereotype no longer meets the changed circumstances of the person's existence and so interferes with either the removal of unfavourable consequences of the breakdown of the previous stereotype or the formation of a new dynamic stereotype determined by the new circumstances. Patients with various diagnoses are described (psychogenic neuroses with a picture of disturbance of the basic cortical processes and development of inertness, emotional shock with fixation of the mechanism of pathological reaction, breakdown with overstrain of the inhibitory process and developement of a neurotic state as the result of breakdown of stereotype). These patients had had a strongly fixed dynamic stereotype and a change in circumstances (living, work, 'loss of purpose') led to the appearance of a complex neurotic state as the result of the breakdown of the habitual stereotype. It is concluded that in neurotic conditions determined by disturbances of cortical stereotypes verbal therapy has an important role to play, both in the form of explanation and persuasion and of verbal suggestion during suggestion-induced sleep necessary in those cases where verbal therapy in the waking state is ineffective.

(S)

PLATONOV, K.I.

Pathophysiological mechanisms of kleptomania and its treatment.
Fiziol.zhur. [Ukr.] 2 no.4:71-75 Jl-Ag '56. (MIRA 9:10)

1. Ukrains'kiy psikhonevrologicheskiy institut, Kharkiv.
(KLEPTOMANIA)

PLATONOV, K. Ya.

"The Theory of the Significance of Hypnotic Arrest of Sleep as Therapeutic Means of Treating Certain Pathological Conditions of Man," VEB Publishers of National Health, East Zone Berlin, 1954

D 312988 21 Sep 55

PLATONOV, K.Ye.

Significance of hypnotic sleep inhibition as a therapeutic medium in the treatment of certain diseases in man. Zh. vyssheĭ nerv. deiat. 2 no. 3:317-324 May-June 1952. (CLML 23:3)

1. Dispensary of the Ukrainian Psychoneurological Institute and the Clinical Neuroses Division of the Central Clinical Neurosurgical Hospital of the Ministry of Ways of Communication.

PLATONOV, K.I.

Suggestion and Hypnosis in the Light of the Concepts of I. P. Pavlov. A popular science survey. K. I. Platonov. State Publishing House of Medical Literature, Moscow, USSR, 1951. 56 pp. Illus. (In Russian).

This booklet, although described as a popular science essay, is actually limited in its appeal and comprehensibility to a college-trained and science-oriented audience. The author, K. I. Platonov, a student of I. P. Pavlov, has had extensive experience in clinical and laboratory investigations of hypnotherapy and appears well qualified to discuss this subject.

SOURCE: SCIENCE, 27 July 1956.

PLATONOV, K.I.

34224. Lecheniye suggestivnoy terapiyey tonzillyarnykh ... ... V sb: Problemy kortiko-vistseral'noy patologii. M., 1949, s. 369-75

SO: Knizhnaya Letopis' No 6, 1955

PLATONOV, Konstantin Ivanovich, 1877-

Psycho-therapy of vomiting in pregnancy. Kharkiv. Vydiannia Ukrains&Koi psykhonevrolohichnoi Akademii, 1936. 143 p.

Cyr.4 RG22

1. Pregnancy.

2. Therapeutics, Suggestive.

PLATONOV, Konstantin Ivanovich, 1877 ed

Psychotherapy; collection of articles. Khar'kov, Gos. izd-vo Ukrainy, [illegible]
525 p. Ukrainskii psikho-nevrologicheskii institut. [illegible]
(54-46760)

RC480.P5

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PLATONOV, K., prof.; BOBNEVA, M.

Discussion on engineering: Engineering psychology. Tekh. est. no.6:5-7 '63. (MIRA 16:7)

(Human engineering)