VOLKOV, P.D., gidrograf

Practice in the determination of shelf ice movement in the Lazarev Station region based on astronomical observations. Inform.biul.Sov. antark.eksp. no.42:13-15 '63. (MIRA 17:1)

1. Chetvertaya morskaya ekspeditsiya.

VOLKOV, P. D.

VOLKOV, P. D.: "Investigation of the operation of roller-bearing separators operating under axial loads." Moscow Order of Labor Red Banner Petroleum Inst imeni Academician I. M. Gubkin. Sci Res and Experimental Inst of the Bearing Industry (NIIIP), Moscow, 1956. (Dissertation for the Degree of Candidate in Technical Sciences).

Source: Knizhnaya letopis' No. 28 1956 Moscow

BAYKOV, S.P., kand. tekhn. nauk; BELENKO, I.S., kand. tekhn. nauk; BELKOV, S.F., inzh.; BELYANCHIKOV, M.P., inzh.; BERNSHTEYN, I.L., inzh.; BOGORODITSKIY, D.D., inzh.; BOLONOVA, Ye.V., kand. tekhn. nauk; BROZGOL', I.M., kand. tekhn.nauk; VLADIMIROV, V.B., inzh.; VOLKOV, P.D., kand. tekhn. nauk; GERASIMOVA, N.N., inzh.; ZHUKHOVITSKIY, A.F., inzh.; KABANOV, M.F., inzh.; KAREVTSOV, V.M., kand. tekhn. nauk; KOLOTENKOV, I.V., inzh.; KONDRAT'YEV, I.M., inzh.; KUZNETSOV, I.P., kand. tekhn. nauk; L'VOV, D.S., kand. tekhn. nauk; LYSENKO, I.Ya., kand. tekhn. nauk; MAKAROV, L.M., inzh.; GLEYNIK, N.D., inzh.; RABINER, Ye.G., inzh.; ROZHDESTVENSKIY, Yu.L., kand. tekhn. nauk; SAKHON'KO, I.M., kand. tekhn. nauk; SIDOROV, P.N., inzh.; SPITSYN, N.A., prof., doktor tekhn. nauk; SPRISHEVSKIY, A.I., kand. tekhn. nauk; CHIRIKOV, V.T., kand. tekhn.nauk; SHEYN, A.S., kand. tekhn. nauk; NIBERG, N.Ya., nauchnyy red.; BLAGOSKLONOVA, N.Yu., inzh., red. izd-va; SOKOLOVA, T.F., tekhn. red.

[Antifriction bearings; manual] Podshipniki kacheniia; spravochnoe posobie. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1961. 828 p. (MIRA 15:2)
(Bearings (Machinery))

VOLKOV, P.D., inzh.

Studying the performance of rolling friction bearing separators under axial load. Trudy MVI no.20:288-304 '57.
(MIRA 13:5)

(Separators)

VOLKOV, P.D.

PHASE I BOOK EXPLOITATION SOV/4085

Leningrad. Arkticheskiy i Antarkticheskiy nauchno-issledovatel'skiy institut

Problemy Arktiki; sbornik statey, vyp. 5 (Problems of the Arctic; Collection of Articles, No. 5) Leningrad, Izd-vo "Morskoy transport," 1958. 159 p. 500 copies printed. XEROX COPY

Additional Sponsoring Agency: USSR. Ministerstvo morskogo flota. Glavnoye upravleniye severnogo morskogo puti.

Resp. Ed.: V.V. Frolov; Editorial Board: L.L. Balakshin, M.I. Belov, Ya. Ya. Gakkel', A.A. Girs, P. A. Gordiyenko, L.G. Kagliaskaya, A.F. Laktionov, A.P. Nikol'skiy, A.Ya. Sukhorukov, and A.F. Treshnikov (Deputy Resp. Ed.); Tech. Ed.: L.P. Drozhzhina.

PURPOSE: The publication is intended for geographers, oceanographers, and readers interested in the study of the Arctic and Antarctic regions.

COVERAGE: This collection of 19 articles published by the Arctic and Antarctic Institute deals with phenomena on the Arctic ice sheet, the effect of [illegible] atmospheric circulation on air conditions in the Arctic, methods of photometric processing of aerial photographs in determining the depth of reservoirs, magnetic observations and processes occurring on islands in Soviet Arctic waters. Brief information on the results of Soviet Arctic and Antarctic expeditions is included. References follow the articles.

NOTES

FROM FIELD OBSERVATIONS

INFORMATION

AVAILABLE: Library of Congress

VOLKOV, P. D.

Volkov, P. D., Special case of determining drift in the conduct of oceanographic work with the aid of radar, Probl. Arktiki (Problems of the Arctic), No 5, 1958, p 113-115; (RZhGeog 1/60-655)

VOLKOV, P. D.

"Study of the Roll-Bearing Separators Operating Under Axle Load"

Problems of Petroleum Production and Petroleum Engineering, Moscow, Neftyanoy institut, Gostoptekhizdat, 1957, 393pp. (Trudy vyp. 20)
This book is a collection of articles written by professors and faculty members of the Petroleum Inst. im I. M. Gubkin.

VOLKOV, P.D.

Determining the distance traveled by a vessel sailing through ice. Inform. sbor. TSNIIMF no.79 Sudovozh.i sviaz' no.20:71-75 '62. (MIRA 16:7)

(Logs (Nautical instruments)) (Sea ice)

BELOBROV, Andrey Pavlovich. Prinimali uchastiye: BASKIN, A.S., inzh.-gidrograf; BOGDANOV, I.A., inzh.-gidrograf, dots.; VIL'NER, B.A., inzh.-gidrograf; VOLKOV, P.D., inzh.-gidrograf; GORSHKOV, N.M., inzh.-gidrograf; CHUROV, Ye.P., inzh.-gidrograf; YASHKEVICH, Ye.V., inzh.-gidrograf; STUPAKOVA, L.A., red.

[Marine hydrography] Gidrografiia moria. Moskva, Transport, 1964. 514 p. (MIRA 17:9)

VOLKOV, P.F.; SIDOROV, D.A.

Remedial treatment of embankments. Put' i put.khoz. 4 no.6:19 Je '60. (MIRA 13:7)

1. Starshiy inzhener distantsii puti, stantsiya Chudovo, Oktyabr'skoy dorogi (for Volkov). 2. Nachal'nik otdela inzhenernykh sooruzheniy sluzhby puti, stantsiya Chudovo, Oktyabr'skoy dorogi (for Sidorov).

(Embankments--Maintenance and repair)
(Railroads--Track)

VOLKOV, P.G.

Mechanization of the loading of calcium resinate in the manufacture of lacquer No.302. Lakokras. mat. i ikh prim. no. 6:64 '60. (MIRA 13:12)
(Dnepropetrovsk--Lacquer and lacquering)

VOLKOV, P.G., master; STROYEV, A.G., inzhener.

Laying asbestos-cement cable pipes under roads. Energetik 1 no.3:18-19 Ag '53. (MLRA 6:8)
(Electric conduits)

VOLKOV, P.G.

New design of a bubbler oxidizer. Lakokras. mat. i ikh prim. no.5:81-82 '61. (MIRA 15:3)

1. Dnepropetrovskiy lakokrasochnyy zavod.
(Bubbles) (Oxidation) (Paint machinery)

VOLKOV, P.G.

Reconditioning of broaches. Mashinostroitel' no.3:23 Mr '63. (MIRA 16:4)

(Broaching machines)

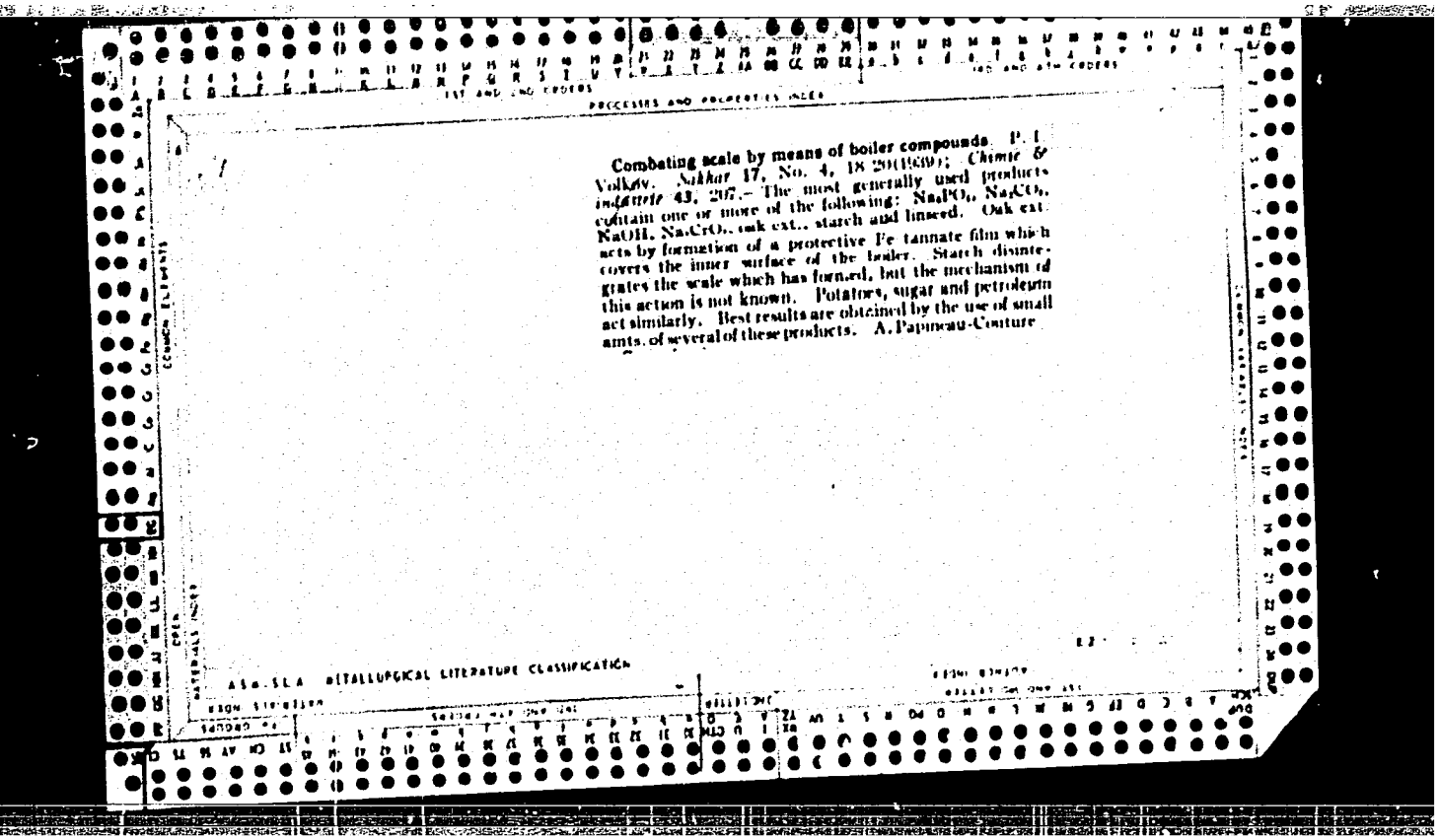
VOLKOV, P.G.

For further development of theory and practice. Mashinostroitel' no.2:28 F '63. (MIRA 16:3)

1. Cherkesskiy zavod kholodil'nogo oborudovaniya.
(Factory management)

VOLKOV, P.G.

Attachments for machining eccentric and multiaxial parts on lathes. Mashinostroitel' no.4:19 Ap'64 (MIRA 17:7)



Combating scale by means of boiler compounds. P. I. Volkov. *Sakhar* 17, No. 4, 18-20(1939); *Chimie & industrie* 43, 207.—The most generally used products contain one or more of the following: Na_3PO_4, Na_2CO_3, NaOH, Na_2CrO_4, oak ext., starch and linseed. Oak ext. acts by formation of a protective Fe tannate film which covers the inner surface of the boiler. Starch disintegrates the scale which has formed, but the mechanism of this action is not known. Potatoes, sugar and petroleum act similarly. Best results are obtained by the use of small amts. of several of these products. A. Papineau-Couture

VOLKOV, P.I.; MYSYUTIN, D.K.; DOBSHITS, M.L., red.; SHTEYN, I.V., red.; GUSEV, K.M., tekhn. red.

[Beacons of transportation construction; a collection of sketches of communist labor brigades at transportation construction projects] Maiaki transportnogo stroitel'stva; sbornik ocherkov o brigadakh kommunisticheskogo truda na transportnykh stroikakh. Moskva, Orgtransstroi, 1961. 270 p. (MIRA 15:2)

(Construction workers)

VOLKOV, P.I.; MYSYUTIN, D.K., starshiy inzh.

Advanced mechanics employed in the construction of means of transportation. Trans. stroi. 13 no.8:6-11 Ag '63. (MIRA 17:2)

1. Nachal'nik Otdela truda i zarabotnoy platy Gosudarstvennogo komiteta TSentral'nogo komiteta professional'nykh soyuzov rabochikh zheleznodorozhnogo transporta rabotnikov svyazi, rabochikh avtomobil'nogo transporta i shosseynykh dorog (for Volkov).

VOLKOV, P.I.

Device for conveying shafts. Mashinostroitel' no.6:26 Je '60. (MIRA 13:8)
(Conveying machinery)

VOLKOV, P.I., inzh.; MYSYUTIN, D.K., inzh.

Expansion of the movement of brigades of communist labor.
Transp.stroi. 9 no.8:5-9 Ag '59. (MIRA 13:1)
(Construction workers)

VOLKOV, P.I., inzh.

Vises for conveying parts. Mashinostroitel' no.7:41-42 Jl '58.
(MIRA 12:10)

(Vises)

VOLKOV, P.I.; DIYEV, N.P.; KOCHNEV, M.I.

Behavior of zinc compounds during matte jigging. Trudy Inst. met. UFAN SSSR no.1:87-92 '57. (MIRA 11:9)
(Zinc compounds) (Ore dressing)

AUTHOR: Volkov, P.I., Engineer

117-58-7-17/25

TITLE: Tongs for Handling Parts (Kleshchi dlya transportirovki detaley)

PERIODICAL: Mashinostroitel', 1958, Nr 7, pp 41-42 (USSR)

ABSTRACT: The described semi-automatic suspended tongs moving on a rail are designed for gripping parts by the central bore and are thus applicable only for parts with an unfinished bore. The design was developed, with the author's participation, at the plant Uralmashzavod, in two sizes for bores of 100-150 mm and 150-200 mm and respective weight ranges of up to 300 and 500 kg. The tongs have drastically reduced the time needed for positioning parts on machine tools. The work principle of the tongs is described and illustrated. There is 1 diagram.

1. Machine tools--Design 2. Materials--Handling

Card 1/1

VOLKOV, P.I., inzh.; MYSYUTIN, D.K., inzh.

Success of socialist competition among construction workers in the transportation industry is increasing greatly. Transp.stroi. 7 no.10:8-11 O '57. (MIRA 10:12)
(Transportation) (Construction industry)

VOLKOV, P.I., inzh.; LAZAREV, D.F., inzh.

Preventing injuries in building and installation works. Transp. stroi. 7 no.12:4-7 D '57. (MIRA 11:2)
(Building--Safety measures)
(Railroad engineering--Safety measures)

VOLKOV, P.I., inzh.; MYSYUTIN, D.K., inzh.

Socialist obligations of construction workers in the transportation industry. Transp.stroi. 7 no.5:1-2 My '57. (MIRA 10:11)
(Transportation) (Construction industry)

VOLKOV, P.I., inzhener; MYSYUTIN, D.K., inzhener.

The achievements of leaders of socialist competition. Transp.stroi. 6 no.2:17-18 F '56. (MLRA 9:6)
(Road construction) (Railroads--Construction)

VOLKOV, P. I.

25775. VOLKOV, P. I. K voprosy o snizhenii raskhoda topliva (na sakharnykh zavodakh). Sakhar, Prom-st; 1949, No. 7, s. 16-18.

SO: Letopis' Zhurnal'nykh Statey, Vol. 34, Moskva, 1949

VOLKOV, P. I.

25775

K voprosu o smizhenii raschoda topliva (na sakharnykh zavodakh.) Sakhar. Prom-st', 1949, No. 7. S. 16-18.

SO: Letopis' No. 34

LITVINOV, A.S.; POTENBERG, R.V.; FRUMKIN, A.K.; FAL'KEVICH, B.S., doktor tekhn. nauk, retsenzent; PETROV, V.A., kand. tekhn. nauk, retsenzent; VOLKOV, P.M., doktor tekhn nauk; YEGORKINA, L.I., red.izd-va; MODEL', B.I., tekhn. red.

[Motor-vehicle chassis; construction and elements of design] Shassi avtomobilia; konstruktsiia i elementy rascheta. Moskva, Mashgiz, 1963. 502 p. (MIRA 16:12)
(Motor vehicles—Design and construction)

ACC NR: AP7000348 SOURCE CODE: UR/0413/66/000/022/0112/0113

INVENTOR: Volkov, P. M.; Strogachev, A. N.

ORG: None

TITLE: A device for testing the fatigue strength of hinged components. Class 42, No. 188726 [announced by the Military "Order of Lenin" Academy of Armored Tank Troops (Voyennaya ordena Lenina Akademiya bronetankovykh voysk)]

SOURCE: Izobreteniya, promyshlennyye obraztsy, tovarnyye znaki, no. 22, 1966, 112-113

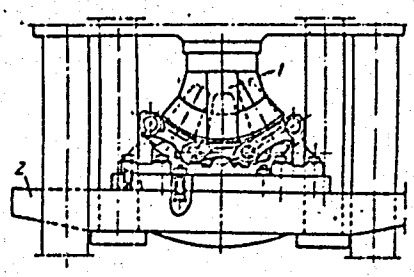
TOPIC TAGS: fatigue test, test facility, mechanical fastener, TRACKED VEHICLE

ABSTRACT: This Author's Certificate introduces: 1. A device for testing the fatigue strength of hinged components, e. g. caterpillar treads (tracks). The unit contains a loading mechanism which produces repeated variable loads, and a table with two adjustable moving clamps designed for holding the ends of the section of tread to be tested. This section may consist of three lengths, one of them horizontal with the other two at an angle to it. The unit is designed for producing test conditions which approach the actual operating conditions of the track. The device is equipped with a punch mounted opposite the table and making contact only with the horizontal link during loading by forces acting in the plane perpendicular to the plane of motion of the

Card 1/2 UDC: 620.178.3.05

ACC NR: AP7000348

movable clamps. This system permits simultaneous application of tensile and bending forces. 2. A modification of this device in which the loading mechanism is made in the form of a hydraulic pulser acting on the table.



1--punch; 2--hydraulic pulser

SUB CODE: 13/ SUBM DATE: 05Jan65

Card 2/2

VOLKOV, P.M., inzhener.

Centrifugal casting of bimetallic worm billets. Mashinostroitel' no.7:39 Jl '57. (MLRA 10:8)

(Centrifugal casting)

BAUM, Aleksandr Yefimovich, kand. tekhn. nauk; VOLKOV, P.N., red.; SAVEL'YEVA, Z.A., tekhn. red.

[Grain drying] Sushka zerna. Moskva, Izd-vo tekhn. i ekon. lit-ry po voprosam zagotovok, 1961. 71 p. (MIRA 14:8)
(Grain--Drying)

YATSEVICH, V.A., inzh.; GOVOROV, N.A., red.; VOLKOV, P.N., red.

[Experience in the mechanization of the handling of ready production in Moscow Milling Combines No.3 and No.4] Opyt mekhanizatsii rabot s gotovoi produktsiei na moskovskikh mel'kombinatakh no.3 i 4. Moskva, TSentr. pravlenie nauchno-tekhn. ob-va mukomol'noi i krupianoi promyshl. i elevatornogo khoz., 1964. 33 p. (MIRA 18:5)

AVERBUKH, Vladimir Leonidovich; BERLIN, Isay Zakharovich; VOLKOV, P.N., red.; SOVEL'YEVA, Z.A., tekhn. red.

[How to protect cereal products against radioactive, chemical substances, and bacterial agents] Kak zashchitit' khleboprodukty ot radioaktivnykh, khimicheskikh veshchestv i bakterial'nykh sredstv. Moskva, TsINTI, 1963. 44 p. (MIRA 16:12)

(Cereal products)
(Radioactivity—Safety measures)

KOZ'MINA, Natal'ya Petrovna, prof., doktor biolog.nauk, zasluzhennyy deyatel' nauki; GEL'MAN, D.Ya., red.; VOLKOV, P.N., red.; SAVEL'YEVA, Z.A., tekhred.

[Biological principles underlying the improvement of grain quality] Biokhimicheskie osnovy uluchsheniia kachestva zerna. Moskva, Izd-vo tekhn. i ekon.lit-ry po voprosam mukomol'no-krupianoi, kombikormovoi promyshl. i elevatorno-skladskogo khoz., 1959. 402 p. (MIRA 13:5)
(Bread)

VOLKOV, P.N., insh.

Some results of demonstration building during 1956. Biul.stroi. tekh. 14 no.6:1-5 Je '57. (MIRA 10:11)

1. Gosstroy SSSR.

(Construction industry)

VOLKOV, P.N., inzhener.

Demonstration building in 1956. Biul.stroi.tekh.13 no.10:1-7 O'56.
(MLRA 10:1)

1. Gosstroy SSSR.

(Building)

PERTSOVSKIY, Yevgeniy Solomonovich; TSVETNOV, Serafim Aleksandrovich; VOLKOV, P.N., red.

[Use of electronic technics in the flour milling and grain elevator industries] Primenenie elektronnoi tekhniki v mukomol'no-elevatornoi promyshlennosti. Moskva, TsINT. Goskomzaga, 1963. 111 p. (MIRA 17:9)

BAUM, Aleksandr Yefimovich, kand. tekhn. nauk; GERZHOY, A.P., laureat Gosudarstvennoy premii, kand. tekhn. nauk, spets. red.; PTITSYN, S.D., kand. tekhn. nauk, retsenzent; ARKHANGORODSKIY, L.A., inzh., red.; VOLKOV, P.N., red.

[Grain drying] Sushka zerna. Izd.3., perer. i dop. Moskva, TsINTI, 1963. 267 p. (MIRA 17:11)

PONOMAREV, Vladimir Aleksandrovich; CHELYSHEV, Arkadiy Mikhaylovich; VOLKOV, P.N., red.; SAVEL'YEVA, Z.A., tekhn. red.

[Safety measures in grain-receiving enterprises]Tekhnika bezopasnosti na khlebopriemnykh predpriiatiiakh. Moskva, Zagotizdat, 1962. 134 p. (MIRA 15:11)
(Grain handling--Safety measures)

PYSHKIN, Viktor Petrovich, inzh.; VOLKOV, P.N., red.; SAVEL'YEVA, Z.A., tekhn. red.

[Mechanization of grain handling]Mekhanizatsiia rabot s zernom. Moskva, Zagotizdat, 1961. 106 p. (MIRA 15:10)
(Grain handling)

VALUYSKIY, M.A.; VOLKOV, P.N., red.

[Use of ventilating systems at enterprises for grain storing and processing] Ekspluatatsiia ventiliatsionnykh setei na predpriiatiiakh po khraneniiu i pererabotke zerna. Moskva, TsINTI Goskomzaga, 1963. 119 p.
(MIRA 17:12)

TUL'CHINSKIY, Yefim Moiseyevich, inzh.; VOLKOV, P.N., red.; GOLUBKOVA, L.A., tekhn. red.

[Design and mounting of the equipment of mills with pneumatic conveying] Konstruktsii i montazh oborudovaniia mel'nits s pnevmaticheskim transportom. Moskva, Zagotizdat, 1963. 177 p. (MIRA 16:10)
(Flour mills--Equipment and supplies)

DUDKIN, Mar Sergeyevich, kand. tekhn. nauk, dots.; VOLKOV, P.N., red.; SAVEL'YEVA, Z.A., tekhn. red.

[Production of feed products from the waste of grain processing] Polucheniе kormovykh produktov iz otkhodov pererabotki zerna. Moskva, 1963. 54 p. (MIRA 16:12)
(Feeds)

SAVCHENKO, Sergey Mikhaylovich; VOLKOV, P.N., red.

[Remodeling grain receiving enterprises] Rekonstruktsiia khlebopriemnykh predpriiatii. Moskva, Goskomzag SSSR, 1963. 69 p. (MIRA 17:10)

PYSHKIN, Viktor Petrovich, inzh.; KARABANOV, Sergey Aleksandrovich, inzh.; PONOMAREV, Vladimir Aleksandrovich, inzh.; FROLOV, K.P., inzh., red.; VOLKOV, P.N., red.; SAVEL'YEVA, Z.A., tekhn. red.

[Manual for the mechanic of a grain receiving station] Spravochnik mekhanika khlebopriemnogo punkta. Pod red. K.P. Frolova. Moskva, Zagotizdat, 1963. 243 p. (MIRA 16:9)
(Grain handling machinery)

TOVSHTEYN, Konstantin Matveyevich; PLATONOV, A.N., kand. ekon. nauk, red.; VOLKOV, P.N., red.; GOLUBKOVA, L.A., tekhn. red.

[Analysis of the managerial operations of grain-receiving enterprises] Analiz khoziaistvennoi deiatel'nosti khlebopriemnykh predpriiatii. Pod red. A.N.Platonova. Moskva, TsINTI, 1963. 69 p. (MIRA 16:12)
(Odessa Province--Grain elevators--Accounting)

VOLKOV, P.N., red.; SAVEL'YEVA, Z.A., tekhn. red.

[Methodological instructions on determining the technological characteristics of wheat] Metodicheskie ukazaniia po opredeleniiu tekhnologicheskikh svoistv zerna pshenitsy. Moskva, 1963. 60 p. (MIRA 16:11)

1. Moscow. Vsesoyuznyy nauchno-issledovatel'skiy institut zerna i produktov ego pererabotki.
(Wheat--Analysis) (Flour)

VOLKOV, P.P.

Park of the 22d Congress of the CPSU. Gor.khoz.Mosk. 35 no.9:49-50 S '61. (MIRA 14:10)

1. Nachal'nik Upravleniya lesoparkovogo khozyaystva Ispolkoma Mossoveta.

(Moscow--Parks)

VOLKOV, P.P., inzh.-polkovnik; SHTEYNFEL'D, M.B., inzh.-podpolkovnik; PESTOV, S.A., inzh.-podpolkovnik; KOLESOV, S.V., red.; KONOVALOVA, Ye.K., tekhn. red.

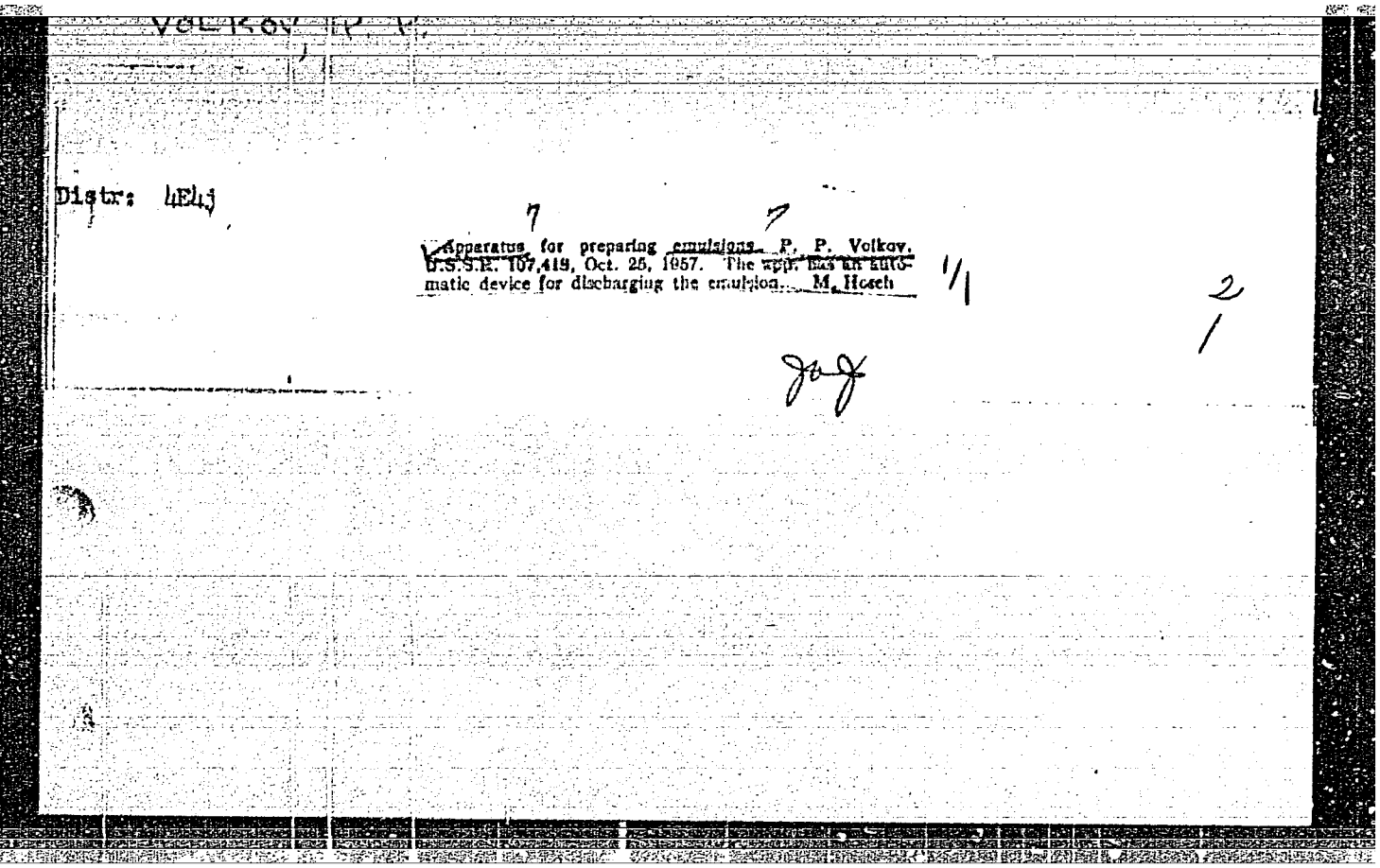
[Laboratory wor on electric engineering and electric power supply] Laboratornye raboty po elektrotekhnike i elektropitaniiu. [By] P.P. Volkov, M.B.Shteinfeld, S.A.Pestov. Moskva, Voenizdat, 1962. 247 p. (MIRA 15:6)

(Electric laboratories)

VOLKOV, P.P.

Expansion of the greenhouse and nursery management in Moscow.
Gor.khoz.Mosk. 33 no.12:17-20 D '59. (MIRA 13:3)

1. Zamestitel' nachal'nika Upravleniya blagoustroystva Moskvy.
(Moscow--Greenhouse management)
(Moscow--Nurseries (Horticulture))



Distr: 4E4J

Apparatus for preparing emulsions. P. P. Volkov. U.S.S.R. 107,419, Oct. 25, 1957. The appr. has an automatic device for discharging the emulsion. M. Hoech

VOLKOV, P.P.

Improvement of wooded park areas. Gor. khoz. Mosk. 36 no.5:25-28 My '62. (MIRA 15:7)

1. Nachal'nik Upravleniya lesoparkovogo khozyaystva Moskovskogo gorodskogo ispolkoma.
(Moscow--Parks)

VOLKOV, Pavel Pavlovich; DANILOV, Grigoriy Nikolayevich; CHERNYAKOV, Irma Isaakovich; VRUBLEVSKIY, A.V., inzh.-podpolkovnik, red.; MEDNIKOVA, A.N., tekhn. red.

[Problem manual on electrical engineering] Zadachnik po elektrotekhnike. Izd.2., perer. Moskva, Voen. izd-vo M-va obor. SSSR, 1961. 309 p. (MIRA 14:10)
(Electric engineering—Problems, exercises, etc.)

VOLKOV, P.P.

VOLKOV, P.P.

Prospects and tasks of landscaping Moscow. Gor. khoz. Mosk. 32 no.3: 1-4 Mr '58. (MIRA 11:3)

1. Nachal'nik Upravleniya ozeleneniya Mosgorispolkoma.
(Moscow--Landscape gardening)

YAKOBSON, Andrey Genrikhovich, inzh.; KARATAYEV, Vasiliy Kuz'mich, inzh.; ZHELEZNYAKOV, Georgiy Vasil'yevich, prof., doktor tekhn.nauk; VOLKOV, Petr Petrovich, inzh.; GRISHIN, M.M., retsenzent; KRITSKIY, S.N., doktor tekhn.nauk, nauchnyy red.; PETROV, G.D., inzh., nauchnyy red.; SOKOL'SKIY, I.F., tekhn.red.

[Construction of cofferdams on the Volga River at the site of the Stalingrad Hydroelectric Power Station; designing and studying construction sites from the point of view of engineering geology] Perekrytie rusla Volgi v stvore Stalingradskoi GES; opyt proektirovaniia, inzhenerno-gidrologicheskikh issledovanii i nabliudenii. Moskva, 1959. 88 p. (MIRA 13:6)

1. Deystvitel'nyy chlen Akademii stroitel'stva i arkhitektury SSSR (for Grishin).
(Stalingrad Hydroelectric Power Station) (Cofferdams)

VOLKOV, P.S., inzhener-meliorator.

Furrowing as a method for moistening soils with surface water. Gidr. i mel. 6 no.11:19-30 N '54. (MLRA 7:11)
(Irrigation)

VOROPAY, A.P.; ASHIN, G.K.; GONCHARUK, S.I.; MAKSIMENKO, I.I.; SUSLYAYEVA, Ye.L.; SHEMANIN, G.M.; SHEMENEV, G.I., kand. filos.nauk, red.; FATEYEV, P.Ya., retsenzent; VOLKOV, P.S., retsenzent; PESKOVA, L.N., red.; BOBROVA, Ye.N., ~~tekhn.~~ red.

[Communist labor of railroad workers] Kommunisticheskii trud zheleznodorozhnikov. Moskva, Transzheldorizdat, 1962. 72 p. (MIRA 15:7)

(Railroads--Employees) (Socialist competition)

VOLKOV, P.S.; MAKSIMENKO, I.I.

Put into practice the new developments and advanced technology.
Zhel. dor. transp. 46 no.4:30-33 Ap '64. (MIRA 17:6)

1. Nachal'nik upravleniya kadrov Ministerstva putey soobshcheniya (for Volkov). 2. Nachal'nik otdela upravleniya kadrov Ministerstva putey soobshcheniya (for Maksimenko).

VOLKOV, P.T., dotsent

Gas gangrene infection in diseases and injuries in peace time. Trudy LPMI 31 no.2:221-230 '63. (MIRA 17:10)

1. Iz kafedry obshchey khirurgii Leningradskogo pediatricheskogo meditsinskogo instituta.

VOLKOV, P.T., dotsent (Leningrad, K-27, Bol'she-Okhtenskiy pr., d.65, kv.44)

Operative treatment of external fistulae of the stomach and intestines. Nov. khir. arkh. no.12:37-44 D '61. (MIRA 14:12)

1. Kafedra obshchey khirurgii (zav. - prof. V.I.Korkhov) Leningradskogo pediatricheskogo meditsinskogo instituta i kafedra fakul'tetskoy khirurgii II (nachal'nik - deystvitel'nyy chlen AMN SSSR, prof A.V. Mol'nikov [deceased]) Voyenno-meditsinskoy ordena Lenina akademii imeni S.M.Kirova.
(FISTULA) (STOMACH--SURGERY) (INTESTINES--SURGERY)

VOLKOV, P.T. (Leningrad, K-27, Gorushechnaya ul., d. 9, kv. 44)

Laparotomy as the last stage in the diagnosis of gastric cancer. Vop. onk. 5 no.1:69-74 '59. (MIRA 12:3)

1. Iz kafedry fakul'tetskoy khirurgii No.2 Voyenno-meditsinskoy ordena Lenina akademii im. S.M. Kirova (nach. - deystvitel'nyy chlen AMN SSSR A.V. Mel'nikov [deceased]
(STOMACH NEOPLASMS, diag.
laparotomy (Rus))

VOLKOV, P.T.

Remodeling SBN-4 transplanters. Kons. i ov. prom. 13 no.3:25-29 Mr '58. (MIRA 11:4)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut mekhanizatsii sel'skogo khozyaystva.
(Planters (Agricultural machinery))

VOLKOV, P.T., dotsent

Surgical treatment of pancreatic cysts. Trudy LPMI 31 no.2:55-61 '63.
(MIRA 17:10)

1. Iz kafedry obshchey khirurgii Leningradskogo pediatricheskogo meditsinskogo instituta.

YUZVENKO, Yu.A., kand. tekhn. nauk; VOLKOV, P.V., inzh.

Mechanized deposition for hard facing under flux of the sormite I alloy. Avtom. svar. 17 no.11:51-56 N '64 (MIRA 18:1)

1. Institut elektrosvarki imeni Ye.O. Patona AN UkrSSR.

VOLKOV, P.V.; FILATOV, G.M.

Efficiency limit of weft forks on AT-100 and ATK-100 looms. Izv. vys. uchab. zav.; tekh. tekst. prom. no. 3:95-98 '58. (MIRA 11:7)

1. Leningradskiy tekstil'nyy institut.
(Looms)

VOLKOV, P.V.

VOLKOV, P.V., kand.tekhn.nauk

Fuller use of the entire width of looms. Tekst.prom.17 no.9:58-59 S '57. (MIRA 10:11)

(Looms)

BOGOYAVLENSKIY, Vladimir Pavlovich; VOLKOV, Petr Vasil'yevich; DOBRYAKOV, Anatoliy Vasil'yevich; SMORODINA, Tat'yana Aleksandrovna, kand. fiz.-matem. nauk; OTRYASHENKOV, Yu., kand. tekhn. nauk, dots., retsenzent; AZI, N.E., inzh., retsenzent; AFANAS'YEVA, A.V., inzh., retsenzent; KULIKOV, V.N., red.

[Laboratory studies on the physics and metrics of semiconductor devices] Laboratorno-prakticheskie raboty po fizike i metrike poluprovodnikovykh priborov. Moskva, Prosveshchenie, 1965. 94 p. (MIRA 18:8)

VOLKOV, Pavel Vasil'yevich; SIMAKIN, V.V., retsenzent; PAVLOVA, M.I., retsenzent; ORLOVA, L.A., red.; LEVITSKAYA, N.N., tekhn. red.

[Arrangement and operation of mechanical looms for the cotton weaving industry] Ustroistvo i obsluzhivanie mekhanicheskikh tkatskikh stankov khlopchatobumazhnoi promyshlennosti. Izd.3., ispr. i dop. Moskva, Izd-vo nauchno-tekhn. lit-ry RSFSR, 1960. 130 p. (MIRA 14:8)

(Looms) (Cotton manufacture)

VOLKOV, P.V., FILATOV, G.M.

Investigating the process of automatic bobbin change. Izv.vys.ucheb. zav.; tekh.tekst.prom. no.3:96-101 '60. (MIRA 13: 7)

1. Leningradskiy tekstil'nyy institut im. S.M. Kirova. (Looms)

VOLKOV, P.V.

Technologically required dimensions of reeds. Izv. vys. ucheb. zav.; tekh. tekst. prom. no.1:86-91 '64. (MIRA 17:5)

1. Leningradskiy institut tekstil'noy i legkoy promyshlennosti imeni Kirova.

GORDEYEV, Vasiliy Aleksandrovich; NEKRASOV, Konstantin Pavlovich; VOLKOV, Pavel Vasil'yevich; SIMAKIN, V.V., retsenzent; SOKOLOV, A.F., spets. red.; SIDOROV, Yu.P., spets. red; AKSENOVA, I.I., red.; VINOGRADOVA, G.A., tekhn. red.

[Cotton weaving] Khlopkotkachestvo. Moskva, Izd-vo nauchno-tekhn. lit-ry RSFSR, 1961. 517 p. (MIRA 15:1)
(Cotton weaving) (Looms)

VOLKOV, P.V.

Regularity of warp distribution on the loom and in the fabric. Izv. vys. ucheb. zav.; tekh. tekst. prom. no.4: 75-81 '63. (MIRA 16:11)

1. Leningradskiy tekstil'nyy institut imeni S.M. Kirova.

VOLKOV, P.V.

SAVEL'YEV, I.A.; VOLKOV, P.V.; NIKHAMIN, S.Z.

Book on the manufacture of bent furniture. ("Manufacture of bent-wood furniture." I.I.Leont'ev, L.G.Abukhov. Reviewed by I.A.Savel'ev, P.V.Volkov, S.Z.Nikhamin). Der.prom. 4 no.8:29 Ag '55. (MIRA 8:10)

1. Moskovskaya mebel'naya fabrika no.5 Glavmebel'proma (Furniture industry) (Leont'ev, I.I.) (Abukhov, L.G.)

VOLKOV, Pavel Vasil'Yevich

Ustroystvo i Obsluzhivaniye Prostykh Mekhanicheskikh Tkatskikh Stankov Khlopchatobumazhnoypromyshlennosti (Installation and Maintenance of Simple Mechanical Looms in the Cotton Textile Industry) Izd. 2, Ispr. i Dop. Moskva, Gizlegprom, 1955.
123 (1) P. Illus., Diagrs.
Bibliography: P. (124)

GORDEYEV, Vasiliy Aleksandrovich, prof.; VOLKOV, Pavel Vasil'yevich, dotsent; MARKOV, N.F., retsenzent; BLYUYER, V.A., retsenzent; GORITSKIY, S.G., retsenzent; KULIGIN, A.V., retsenzent; SEGAL', N.M., red.; MEDVEDEV, L.Ya., tekhn.red.

[Weaving] Tkachestvo. Moskva, Gos.nauchno-tekhn.izd-vo lit-ry po legkoi promyshl., 1958. 550 p. (MIRA 12:3)
(Weaving)

Volkov, P. V.

VOLKOV, Pavel Vasil'yevich; SOKOLOV, A.P., retsenzent; MAL'CHIKOV, Yu, A. redaktor; MEDVEDEVA, L.A., tekhnicheskiy redaktor.

[Simple mechanical looms in the cotton industry and their operation] Ustroistvo i obslushivanie prostykh mekhanicheskikh tkatskikh stankov khlopchatobumazhnoi promyshlennosti. Izd.2-oe ispr. i dop. Moskva, Gos.nauchno-tekhn.izd-vo Ministerstva promyshl.tovarov shirokogo potrevleniia SSSR, 1955. 123 p. (Looms) (MLRA 8:11)

BRODYANSKIY, V.M., kand.tekhn.nauk; BAZHENOV, M.I., inzh.; VOLKOV, P.V., inzh.; KRUSHINSKIY, M.M., inzh.; RERIKH, V.K., inzh.

Drying of oxygen by cooling. Prom.energ. 17 no.4:21-25 Ap '62. (MIRA 15:4)

(Oxygen—Drying)

VOLKOV, P.V.

Teaching physics in connection with work training. Fiz.v shkole 23 no.1:77-79 Ja-F '63. (MIRA 16:4)
(Physics—Study and teaching) (Education, Cooperative)

VOLKOV, P. YA.

VOLKOV, P. YA.--"Investigation of the Effect of Gaseous HCl on Cement Solutions in a Moist Medium," Min Higher Education USSR. Moscow Order of Lenin Chemicotechnological Inst imeni D. I. Mendeleyev. Moscow, 1955. (Dissertation for the Degree of Candidate in Technical Science).

SO Knizhnay letopis'
No 2, 1956.

VOLKOV, R.

Radio and electronic means of psychological warfare. Voen.sviaz. 16 no.4:45-46 Ap '58. (MIRA 11:4)
(United States--Psychological warfare)

VOLKOV, R.A. [Zaporozh'ye)

Jet flow of a viscous liquid from a circular pipe. Prykl. mekh. 5 no.4:428-433 '59. (MIRA 13:3)
(Pipe--Hydrodynamics)

ARKHANGEL'SKIY, M.M.; VOLKOV, R.A.

Jet flow of a viscous liquid in a gravitational field. Uch. zap. MOPI 92:93-103 '60. (MIRA 14:9)

(Hydrodynamics)

MATSYUK, L.N.; BOGDASHEVSKIY, A.V.; ZHAROVA, L.K.; KOLOBKOV, Yu.M.; KOTOVSHCHIKOVA, O.A.; VOLKOV, R.A., inzh., retsenzent

Welding of polymer films] Svarka polimernykh plenok. Moskva, Mashinostroenie, 1965. 76 p. (MIRA 18:5)

L 33174-66 EWT(1)/EWP(m)/T-2 IJP(c)
ACC NR: AR6016237 SOURCE CODE: UR/0058/65/000/011/E102/E102

AUTHOR: Arkhangel'skiy, M. M.; Volkov, R. A.

TITLE: On the magnetohydrodynamic theory of the electric conductivity of metals

SOURCE: Ref. zh. Fizika, Abs. 11E791

REF SOURCE: Uch. zap. Mosk. obl. ped. in-ta, v. 147, 1964, 241-244

TOPIC TAGS: magnetohydrodynamics, electric conduction, current density, superconductivity, electric field

ABSTRACT: To calculate the electric conductivity of metals in a strong magnetic field, the equations of magnetohydrodynamics are used. Under certain simplifying assumptions, these equations are integrated in two particular cases: infinite strip of finite thickness, and infinitely cylindrical conductor of specified radius. The magnetic-field and electric-current distribution over the thickness of the plate and over the radius of the cylinder obtained in this manner are quite complicated, so that only the differential connection between the current density and the electric field intensity can be established (the electric conductivity coefficient depends on the coordinates). In the limiting case of an infinitesimally thin plate and and infinitesimally narrow cylinder, Ohm's law is satisfied. A qualitative explanation of the destruction of superconductivity of metals by a magnetic field is presented on the basis of inclusion of magnetohydrodynamic effects. G. Kvintsel'. [Translation of abstract]

SUB CODE: 20

Card 1/1 mc

L 1415-66 EWT(1)/EPA(s)-2/EWA(h)

ACCESSION NR: AP5016311 UR/0144/65/000/005/0501/0509 32 31 B
621.319.52

AUTHOR: Kuchin, V. D. (Candidate of technical sciences, Docent, Head of physics department); Asaturyan, A. Sh. (Candidate of technical sciences, Docent); Volkov, R.A. (Candidate of physico-mathematical sciences, Docent)

TITLE: Space charge in the field of the h-v inductor of electrostatic generators

SOURCE: IVUZ. Elektromekhanika, no. 5, 1965, 501-509

TOPIC TAGS: electrostatic generator 25

ABSTRACT: From a theoretical analysis of the field strength at a point in the inductor interelectrode gap, these conclusions are drawn: (1) The field strength falls off rapidly toward the gap depth; (2) The space charge is located in a very small part of the gap, next to the corona-displaying points; throughout the rest of the gap, the field strength is insufficient to form the space charge; (3) Although a

Card 1/2

L 1415-66
ACCESSION NR: AP5016311

denser arrangement of the points diminishes the space-charge effect and steps up the ionization current, it also results in an undesirable increase in the critical voltage. A perfect h-v inductor would have fairly long and very thin points (which would impair its mechanical strength and shorten its life). It is suggested that h-v inductors be abandoned and radioactive sources (such as Ra^{88} or Po^{210}, or for weak ionizations a beta-source) be used instead. The radioactive inductor would: (a) be many times smaller in size, (b) have better mechanical characteristics, and (c) have a minimal or nil space charge. Orig. art. has: 5 figures and 24 formulas.

ASSOCIATION: Zaporozhskiy mashinostroitel'nyy institut (Zaporozh'ye Machine-Building Institute)

SUBMITTED: 05Feb64 ENCL: 00 SUB CODE: EM

NO REF SOV: 002 OTHER: 000

Card 2/2 DP

ARKHANGEL'SKIY, M.M.; VOLKOV, R.A.

One exact solution of linearized Navier-Stokes equations. Uch. zap. MOPI 92:105-110 '60. (MIRA 14:9)
(Differential equations, Linear)

VOLKOV, R. A. (Zaporozh'e)

"On the Basic Solution of Nonstationary Navier-Stoke's Equations in Oseen's Approximation.

report presented at the First All-Union Congress on Theoretical and Applied Mechanics, Moscow, 27 Jan - 3 Feb 1960.

VOLKOV, R.A. (Zaporozh'ye)

Jet flow of a viscous liquid. Prykl. mekh. 5 no.3:318-326 '59.
(MIRA 13:2)

1.Zaporozhskiy mashinostroitel'nyy institut.
(Fluid dynamics)

S/170/60/003/04/10/027
B007/B102

AUTHOR: Volkov, R.A.

TITLE: The Application of the Laplace Transform in Some Problems of Hydrodynamics

PERIODICAL: Inzhenerno-fizicheskiy zhurnal, 1960, Vol. 3, No. 4, pp. 65-72

TEXT: The trial of generalizing the Kirchhoff-Helmholtz theory on the case of a heavy perfect fluid offers considerable mathematical difficulties. The equations of continuity and the Bernoulli equations are nonlinear in this case. Here, these difficulties are avoided by application of linearized Stokes-Navier equations in the Ozeen approximation. These equations are written down for the steady case (Ref. 1): Formula (1.1). It is shown that, in the case of a linear approximation, it is possible to consider in the Stokes-Navier equations the most important terms for the forces of inertia. An auxiliary function ψ is introduced. This function is determined by the formulas (1.5), is not a function of the flow and cannot be physically interpreted in a clear way. Formula (1.8) for determining ψ is derived and it is shown that the investigation of laminar

flows is based on the Stokes-Navier equations in the Ozeen approximation in the solution of (1.8) with boundary conditions to be assumed for ψ. First the laminar flow of a viscous fluid from a round opening in the bottom of the container is investigated. The boundary conditions (2.1) are chosen according to the Torricelli theorem, under consideration of viscosity. The boundary conditions (2.3) for ψ are found on the basis of (1.5) and (2.1). In this case equation (1.8) becomes (2.2). The latter is subject to a one-sided Laplace transform (Ref. 4) first according to z and then to y with consideration of the boundary conditions (2.3). A simple differential equation for $\overline{\psi}$ is obtained: Formula (2.4). The general solution of (2.4) is traced back to a particular solution. After this the laminar flow of a viscous fluid from a round vertical tube is investigated. It is assumed that the boundary conditions in the outlet obey the Poiseuille law: Formula (3.1). Using (2.2), the function ψ is determined analogously as before. This function is differentiated according to (1.5) and thus the components of the vector of velocity are obtained: Formulas (3.2). The equations (3.3) and (3.8) for the filament surface are obtained. This theory was checked by experiments, viz. the shape of the filament surface obtained experimentally was compared with that calculated from the equations (3.3) and (3.8). The device used is briefly described and Fig. 1 shows the dependence of

the filament radius r on the distance z (until the opening) for 3 fluids. Fig. 2 shows the dependence of r on the kinematic viscosity ν for the case of fixed z, a (radius of the tube) and H/l (l denoting the tube length and H the level of the liquid). The differences between theory and experiment may be explained by the fact that in the Ozeen approximation the effect of inertia was considered only partly and in the Stokes approximation not at all. There are 2 figures and 8 references, 6 of which are Soviet.

ASSOCIATION: Mashinostroitel'nyy institut, g. Zaporozh'ye (Institute of Machine Building, City of Zaporozh'ye)

VOLKOV, R.A.

Application of a Laplace transformation to certain problems of hydrodynamics. Inzh.-fiz.zhur. no.4:65-72 Ap '60.
(MIRA 13:8)

1. Mashinostroitel'nyy institut, g. Zaporozh'ye.
(Laplace transformation) (Hydrodynamics)

VOLKOV, N. A., Cand Phys-Math Sci (diss) -- "On viscous luminar streams", Moscow, 1960. 8 pp (Min Educ RSFSR, Moscow Oblast Pedagogical Inst im N. K. Krupskaya., Chair of General Physics), 150 copies (KL, No 10, 1960, 125)

VOLKOV, R.A.; KUCHIN, V.D.

Certain nonlinear problems in the theory of electroconducti-
vity. Izv.vys.ucheb.zav.;fiz.no. 2:20-22 '64. (MIRA 17:6)

1. Zaporozhskiy mashinostroitel'nyy institut imeni V.Ya.Chubarya.

KUCHIN, V. D.; VOLKOV, R. A.

"Physics course (Mechanics)" by M. M. Arkhangel'skii. Reviewed by V. D. Kuchin, R. A. Volkov. Izv. vys. ucheb. zav.; fiz. no.6:179 '62. (MIRA 16:1)

1. Zaporozhskiy mashinostroitel'nyy institut imeni V. Ya. Chubarya.

(Bibliography—Physics)
(Arkhangel'skii, M. M.)