

RAZUVAYEV, G.A.; PETUKHOV, G.G.; KAPLIN, Ya.A.; DRUZHKOVA, O.N.

Reactions of organomercury and organolead compounds studied by the
isotopic and mass-spectrometric method. Dokl. AN SSSR 152 no.5:
1122-1125 0 '63. (MIRA 16:12)

1. Chlen-korrespondent AN SSSR (for Razuvayev).

RAZUVAYEV, G.A.; PETUKHOV, G.G.; ZHIL'TSOV, S.F.; KUDRYAVTSEV, L.F.

Thermal disintegration and oxidation of dicyclohexylmercury
in benzene. Dokl.AN SSSR 144 no.4:810-812 Je '62. (MFA 15:5)

1. Nauchno-issledovatel'skiy institut khimii pri Gor'kovskom
gosudarstvennom universitete im. N.I.Lobachevskogo. 2. Chlen-
korrespondent AN SSSR (for Razuvayev).
(Mercury) (Oxidation)

PETUKHOV, G.G.

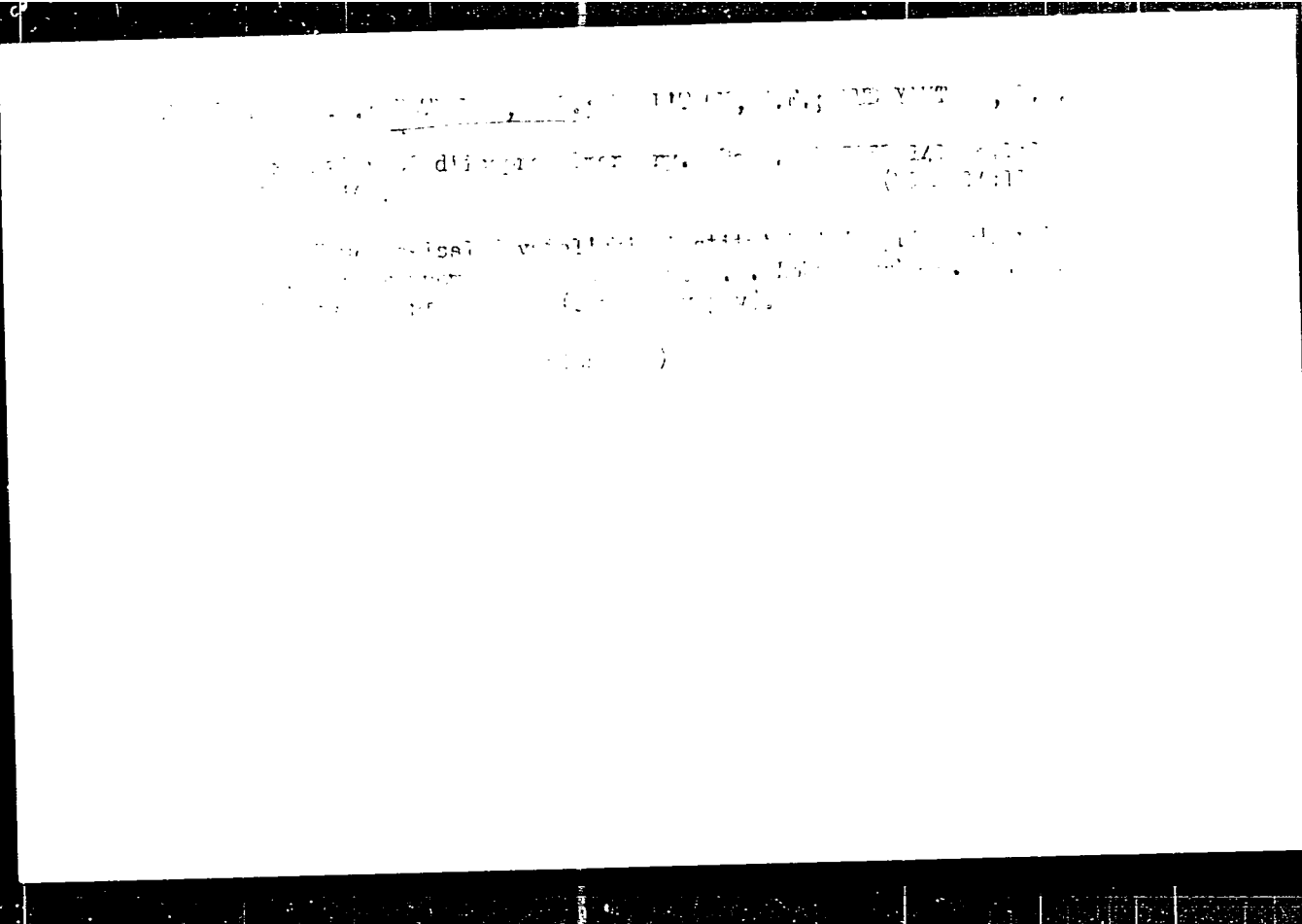
Transfer reactions of identical radicals in solutions (relay transfer of radicals). Usp.khim. 30 no.12:1433-1452 D '61.
(MIRA 14:11)

1. Nauchno-issledovatel'skiy institut khimii Gor'kovskogo gosudarstvennogo universiteta imeni Lobachevskogo.
(Radicals(Chemistry))

ZIL'BERMAN, Ye.N.; LAZARIS, A.Ye.; PETUKHOV, G.G.; STRIZHAKOV, O.D.;
GANINA, V.I.

Interaction of nitriles with heavy water and deuterium chloride.
Dokl. AN SSSR 142 no.1:96-98 Ja '62. (MIRA 14:12)

1. Nauchno-issledovatel'skiy institut khimii pri Gor'kovskom
gosudarstvennom universitete im. N.I. Lobachevskogo. Predstavleno
akademikom B.A. Arbuzovym. (Nitriles) (Deuterium compounds)



PETUKHOV, G.G.; GUSEVA, T.V.

Refractometric determination of deuterium in organic compounds.
Zhur.anal.khim. 17 no 1:140-141 Ja-F '62. (MIKA 15:2)

1. Scientific Research Institute of Chemistry of N.I.Lobachevsky
Gorky State University.

(Deuterium--Analysis) (Refractometry)

RAZUVAYEV, G.A.; PETUKHOV, G.G.; DODONOV, V.A.

Mechanism of the chain termination reaction in the radical polymerization of vinyl chloride in the presence of C^{14} tagged initiators. Vysokom.soed. 3 no.10:1549-1553 0 '61.

(MIRA 14:9)

1. Nauchno-issledovatel'skiy institut khimii pri Gor'kovskom gosudarstvennom universitete imeni N.I. Lobachevskogo.
(Vinyl compound polymers) (Carbon--Isotopes)

RAZUVAYEV, S.A.; MENUKHIN, G.G.; TITOV, V.A.; LEMENKOV, C.N.

Reaction of triethylbismuth with benzene. Zhur. ob. khim.
35 no.3:481-484. Mr 165. (MIRA 18:4)

L 35031-65 EWT(a)/EWP(b)/EWP(t) JD

8/0286/65/000/005/0034/0034 35
34
B

ACCESSION NR: AP5008155

AUTHOR: Paton, B. Ye.; Dudko, D. A.; Moshnar, B. I.; Latash Yu. V.; Maksimovich, B. I.; Shevchenko, A. I.; Situnok, L. M.; Goncharenko, V. P.; Grigor'yev, S. P.; Nov, G. K.; Chudin, H. I.; Iuravets, I. A.; Yartsev, M. A.; Keya, H. V.; Tulin, N. A.; Kaplinitsev, V. G.; Litvinov, N. T.; Pis'mennov, V. S.; Kholodov, Yu. A.; Bystrov, S. N.; Bostrov, H. R.; Donets, I. D.; Silayev, A. Ya.

TITLE: Method of electroslag casting of ingots. Class 18, No. 168743

SOURCE: Byulleten' izobreteniy i tovarnykh znakov, no. 5, 1965, 34

TOPIC TAGS: ingot casting, ingot electroslag casting, electroslag melting, steel melting, alloy melting, metal melting

ABSTRACT: This Author Certificate introduces a method of electroslag casting of ingots in an open or protective atmosphere or in vacuum, in which slag is first melted in a mold with a nonconsumable or consumable electrode arc or plasma jet. To improve the metal quality on the ingot surface and to raise the yield, the molten metal or, if needed, slag is poured into the mold through a hollow consumable or nonconsumable electrode (see Fig. 1 of the Enclosure). Orig. art. has: 1 figure. [ND]

Card 1/3

L 35031-65

ACCESSION NR: AP5008155

ASSOCIATION: Chelyabinskiy metallurgicheskiy zavod (Chelyabinsk Metallurgical Plant)

SUBMITTED: 06Feb63

ENCL: 01

SUB CODE: MM, IE

NO REF SOV: 000

OTHER: 000

ATD PRESS: 3215

Card 2/3

Р Е Т У К Н О В , Г . К .

SOV/3302

PHASE I BOOK I

18(1,2)

Sovetskaya po primeneniya zheleznykh elementov dlya uluchsheniya sloyev... (Handwritten note: spetsial'nykh staley i splavov)

Reduction of alloy elements in steels and alloys; Transitions of a Conference on the Use of Rare Earth Elements to Special Steels and Mechanical Properties of Structures and Special Steels and Alloys) Moscow, Metallurgizdat, 1959. 246 p. 37rata silyp inserted. 3,150 copies printed.

Ed.: A. A. Proshchin; Ed. of Publishing House: A. L. Ozeretskiy; Tech. Ed.: P. O. Tolent'yeva.

PURPOSE: This book is intended for engineers, technicians and scientists engaged in the metallurgy of heavy and nonferrous steels and may be used by students of higher educational schools, who are specializing in the metallurgical science of these steels. Contents: This book contains 18 articles which give general results of investigations and uses of rare earth alloying components in steels and alloys. The influence of rare earth additives in improving the technical properties of structural, fire-resistant and other steels and alloys is also described. Figures, tables and literes are mentioned.

Logvin, B. I., Candidate of Technical Sciences, Institut mineralogi, geokhimiya i fiziki rezhnichykh elementov AN SSSR (Institute of Mineralogy, Geochemistry and Chemical Crystallography of Rare Earth Elements, U.S.S.R., The State of Rare Earths Production and the Trend in Its Development (According to non-Soviet Literature) 3

Yerevitchev, V. V., Engineer, Candidate of Chemical Sciences; N. W. Nikolayev, and A. F. Laz'mina, Engineer, Methods of Determining Small Amounts of Rare Earths in Steels 26 Savitskiy, Ye. M., Doctor of Chemical Sciences; V. P. Tereshova, Candidate of Technical Sciences; and V. A. Tsikalo, Engineer, Investigation of the Physicochemical Interaction of Rare Earth Metals With Iron and Steel 31

Berzinkova, S. Ya., Engineer, Effect of Rare Earths on the Sulfur and Oxygen Contents of Molten Steel and the State of Sulfur in Solid Steel 50

Kul'tshin, V. S., Engineer, Dependency of the Mechanical Properties of Structural Steel 37KhM3A on Reducing Agents and Methods of Extraction 77

Oul'yayev, B. B., Doctor of Technical Sciences; I. A. Shapranov, Candidate of Technical Sciences; O. M. Kagnitskiy, Candidate of Technical Sciences; and Z. D. Mozorova, Engineer, Properties of Rare Earths on the Crystallization and Mechanical Properties of Cast Steel 92

Verbol'skaya, Ye. D., Engineer; I. V. Isaakov, Engineer; and A. Ye. Khebnikov, Doctor of Technical Sciences, The Effect of Cerium Additives on the Properties of Cr-Ni-Mo Steel for Shaped Steel Casting 118

Gol'dshtern, Ya. Ye., Candidate of Technical Sciences, and O. D. Zhizhikina, Engineer, The Effect of Cerium on the Structure and Properties of Cast and Forged Steel 130

Kopp, L. F., Candidate of Technical Sciences, and D. K. Fetukhova, Candidate of Technical Sciences, Study of the Effect of Rare Earths on the Physicochemical Properties of Cr-Ni-Mo Steel 145

Studitskiy, M. A., Candidate of Technical Sciences; A. I. Kuznetsov, Engineer; and A. I. Skolnikov, Engineer, The Influence of Rare Earths on the Nature of Fracture and the Structure and Properties of Steel 183

Daniilova, G. P., Candidate of Technical Sciences, and M. V. Mal'tsev, Doctor of Technical Sciences; M. V. Poplavko, Candidate of Technical Science, Additives for Welding Titanium Alloys 196

Ioffe, V. M., Candidate of Technical Sciences, and V. M. Burov, Engineer, Electrochemical Method of Producing Misch Metal-Magnesium Alloys for Modified Cast Iron 208

Kopp, L. F., Candidate of Technical Sciences; I. M. Shildina, Engineer; and O. P. Shchegoleva, The Problem of Causes for the Low Plasticity of the 37KhM3A Steel at High Temperature and Possibilities of Improving This Condition With Rare Earths 211

S/133/63/000/004/011/011
A054/A126

AUTHORS: Petukhov, G. K., Candidate of Technical Sciences, Sorokin, V. S.,
Engineer

TITLE: Application of a steam jet ejector unit in the vacuum treatment of
steel in the ladle

PERIODICAL: Stal', no. 4, 1963, 377 - 378

TEXT: A 4-stage steam jet ejector unit has been designed (in co-operation with G. F. Zrigror'yev, N. I. Yavtukh, L. A. Gubin, and V. N. Lebedev) for the production of vacuum in a 60-ton ladle. In the new pump the steam travels at a rate as high as 1,000 - 1,400 m/sec and produces residual pressures as low as 0.5 - 1.0 mm Hg (with the conventional, for instance BH-6Г (VN-60) type pumps the residual pressure attainable is 12 - 15 mm Hg). The equipment consists of 4 series-connected ejectors, 2 surface type intermediate condensers, with a 200 m² cooling surface, containers for the condensate and a pump for removing it. In the first stage the steam temperature is 180°C and the pressure 9 atm. The nominal capacity of the unit is 125 kg dry gas/hour, the residual pressure

Card 1/2

Application of a steam jet ejector unit in the...

S/133/63/000/004/011/011
A054/A126

at the input of the first stage is 1 mm Hg, the steam consumption: 4,370 kg/h and the consumption of cooling water: 140 m³/h. The ejectors are made of 10-30 grade plain steel, their nozzles are of bronze. The steam jet ejector unit makes it possible to extend the application of the vacuum treatment in melting. The ejector design is simple and cheap, they have no rotating parts and can operate in dusty and aggressive media. They are used in the vacuum treatment of basic and acidic open-hearth steels and alloys and for medium-carbon steels. The vacuum treatment is the same for all grades. It lowers the hydrogen content of basic open-hearth medium-carbon alloyed steel from 7.0 - 7.5 to 3.5 - 4.0 and of other grades to 3.0 - 2.8 cm³/100 g metal. The content of oxygen and silicate-oxide inclusions decreases as well, the macrostructure - mainly in low-carbon and high-carbon alloys - is improved, the notch toughness and ductility of some grades are also better, those of basic open-hearth steels attain the level of the acidic ones. There are 2 figures.

Card 2/2

PETUKHOV, G.K., kand.tekhn.nauk; SOROKIN, V.S., inzh.

Use of a steam ejector pipe for the vacuum treatment of steel in the ladle.
Stal' 23 no.4:377-378 Ap '63. (M.I.A. 15:4)
(Vacuum metallurgy) (Pumping machinery)

S/137/01/...
A006/A001

Translation from: Referativnyy zhurnal, Metallurgiya, 1982, No. 1, pp. 21-22
102

Author: Kuz', L.P., Petukhov, I.K.

TITLE: Study of the Effect of Rare-Earth Elements on the Mechanical Properties of Chromium-Nickel-Molybdenum Steels

Source: Vestnik Khimicheskogo i Metallurgicheskogo Instituta, Moscow, Metallurgiya, 1982, pp. 21-22

ABSTRACT: The authors studied the introduction of Al, Si, P, Te and Co, molybdenum and the mechanical properties of Cr-Ni-Mo steels, treated with rare earths in an amount of 0.12 - 0.35% to the alloys in the melt. The steels were made with 850-kg ingots from an electric furnace, blanks for pipes of 400 kg from a 10-ton basic electric furnace and 3,500-kg ingots from an open-hearth furnace. It was established that the addition of 0.15% of rare earths caused desulfurization of Cr-Ni-Mo steels by 50%.

0006 A001

Study of the Effect of Rare-Earth Elements on Ferrite-Mechanical Properties of
Chromium-Nickel-Molybdenum Steel

It is known during ferrite like conventional Cr-Ni-Mo steel. In the presence
of the most the group and containing of Cr, Ni, Mo and rare earth
elements, this causes a reduced ductility of the metal.

T P

This is the full text of the document.

ПЕТУХОВ, Г.К.

DUBROV, N.F., kand. tekhn. nauk; MIKHAYLOV, O.A., kand. tekhn. nauk;
 FEL'DMAN, I.A.; DANILOV, A.M.; SOROKIN, P.Ya., kand. tekhn. nauk,
 starshiy nauchnyy sotrudnik; BUTAKOV, D.K., kand. tekhn. nauk,
 dots.; SOYFER, V.M.; LATASH, Yu.V., mladshiy nauchnyy sotrudnik;
 ZAMOTAYEV, S.P.; BEYTEL'MAN, A.I.; SAPKO, A.I.; PETUKHOV, G.K.,
 kand. tekhn. nauk; YEDNERAL, F.P., kand. tekhn. nauk, dots.;
 LAPOTYSHKIN, N.M., kand. tekhn. nauk, starshiy nauchnyy sotrudnik;
 ROZIN, R.M.; NOVIK, L.M., kand. tekhn. nauk, starshiy nauchnyy
 sotrudnik; LAVRENT'YEV, B.A.; SHILYAYEV, B.A.; SHUTKIN, N.I.;
 GNUCHEV, S.A., kand. tekhn. nauk, starshiy nauchnyy sotrudnik;
 LYUDIMAN, K.F., doktor-inzh., prof.; GRUZIN, V.G., kand. tekhn.
 nauk; BARIN, S.Ya.; POLYAKOV, A.Yu., kand. tekhn. nauk; FEDCHENKO,
 A.I.; AGEYEV, P.Ya., prof., doktor; SAMARIN, A.M.; BOKSHITSKIY,
 Ya.M., kand. tekhn. nauk; GARNYK, G.A., kand. tekhn. nauk;
 MARKARYANTS, A.A., kand. tekhn. nauk; KRAMAEV, A.D., prof.,
 doktor tekhn. nauk; FEDER, L.I.; DANILOV, P.M.

Discussions. Biul. TSNIICM no.18/19:69-105 '57. (MIRA 11:4)

1. Direktor Ural'skogo instituta chernykh metallov (for Dubrov).
2. Direktor Tsentral'nogo instituta informatsii chernoy metallur-
 gii (for Mikhaylov).
3. Nachal'nik nauchno-issledovatel'skogo
 otdela osobogo konstruktorskogo byuro tresta "Elektropech'" (for
 Fel'dman).
4. Nachal'nik martenovskoy laboratorii Zlatoustovskogo
 metallurgicheskogo zavoda (for Danilov, A.M.).
5. Laboratoriya
 protsessov stalevareniya Instituta metallurgii Ural'skogo filiala
 AN SSSR (for Sorokin).

(Continued on next card)

DUBROV, N.F.—(continued) Card 2.

6. Ural'skiy politekhnicheskiy institut (for Butakov).
7. Starshiy inzhener Bryanskogo mashinostroitel'nogo zavoda (for Soyfer).
8. Institut elektrosvarki im. Patona AN URSS (for Latash).
9. Nachal'nik TSentral'noy zavodskoy laboratorii "Uralmashzavoda" (for Zamotayev).
10. Dnepropetrovskiy metallurgicheskiy institut (for Sapko).
11. Moskovskiy institut stali (for Yedneral).
12. TSentral'nyy nauchno-issledovatel'skiy institut chernoy metallurgii (for Gmuchevev, Lepotyshkin).
13. Starshiy master Leningradskogo zavoda im. Kirova (for Rozin).
14. Institut metallurgii im. Baykova AN SSSR (for Novik, Polyakov, Garnyk).
15. Nachal'nik tekhnicheskogo otdela zavoda "Bol'shevik" (for Lavrent'yev).
16. Starshiy inzhener tekhnicheskogo otdela Glavspetsstali Ministerstva chernoy metallurgii (for Shilyayev).
17. Zamestitel' nachal'nika tekhnicheskogo otdela zavoda "Elektrostal'" (for Snutkin).
18. Freybergskaya gornaya akademiya, Germanskaya Demokraticeskaya Respublika (for Lyudeman).
19. Zaveduyushchiy laboratoriyey stal'nogo lit'va TSentral'nogo nauchno-issledovatel'skogo instituta tekhnologii i mashinostroyeniya (for Gruzin).
20. Starshiy master elektrostaleplavil'nykh pechey Uralvagonzavoda (for Barin).
21. Zamestitel' nachal'nika elektrostaleplavil'nogo tsekha zavoda "Sibelektrostal'" (for Fedchenko).
22. Zaveduyushchiy kafedroy metallurgii stali i elektrometallurgii chernykh metallov Leningradskogo politekhnicheskogo instituta (for Ageyev).
23. Zamestitel' direktora Instituta metallurgii im. Baykova AN SSSR, chlen-korrespondent AN SSSR (for Samarin).

(Continued on next card)

DUBROV, N.F.---(continued) Card 3.

24. Nachal'nik laboratorii Tsentral'nogo nauchno-issledovatel'skogo instituta chernoy metallurgii (for Bokshitskiy). 25. Zaveduyushchiy kafedroy elektrometallurgii Sibirskogo metallurgicheskogo instituta (for Kramarov). 26. Nachal'nik elektrostaleplavil'nogo tsekha Kuznetskogo metallurgicheskogo kombinata (for Tedar). 27. Nachal'nik elektrometallurgicheskoy laboratorii Kuznetskogo metallurgicheskogo kombinata (for Danilov, P.M.).

(Steel--Metallurgy)

RAZUVAYEV, G.A.; PETUKHOV, G.P.; REKASHEVA, A.F.; NIKLKHIN, G.P.; VOL'FKO-
VICH, S.I., Akademik.

Use of deuterium in the study of photochemical reactions in the liquid
phase of metalorganic compounds. Dokl. AN SSSR 90 no.4:569-572 Je '53.
(MLRA 6:5)

1. Akademiya Nauk SSSR (for Vol'fkovich). 2. Institut fizicheskoy khimii
im. L.V. Pisarshevskogo Akademii nauk Ukraineskoy SSR (exc. Vol'fkovich).
3. Gor'kovskiy gosudarstvennyy universitet (for all exc. Vol'fkovich).
(Organometallic compounds) (Deuterium)

PADNYA, V.A.; PETUKHOV, G.S.; SUCHKOV, A.I., redaktor; KUDRYAVTSEVA,
L.K., ~~tekhnicheskiy~~ redaktor

[Mechanization of loading and unloading of lumber in railroad
transportation] Mekhanizatsiia pogruzki i razgruzki lesomateria-
lov na zheleznodorozhnom transporte. Moskva, Gos. lesbumizdat,
1950. 63 p. [Microfilm]. (MLRA 8:7)
(Loading and unloading) (Lumber--Transportation)

PETUKHOV, I., general-mayor aviatsii, voyennyi letchik 1-go klassa

Let's propagandize the progressive methods of training bomber
crews in the tactics of aerial bombing. Komm.Vooruzh.Sil 1
no.3:35-39 F '61. (MIRA 14:8)

(Bombing, Aerial)

PETUKHOV, I.A., kand tekhn nauk, IFTS, S.A. inzh.

Span limit of the floor covering of the main roof in Chelabinsk
Basin (Bongalla "Zv'yaznitsa" zav "Gor.zhur." no. 4:33-37 '64.
(MIRA 17:7)

1. Vsesoyuznyy nauchno-issledovatel'skiy marksheyderskiy institut.

131744

Address: [illegible]
[illegible]
[illegible]

PETUKHOV, I.A., dotsent

Surgical treatment of fractures of the patella. Zdrav.Bel. 8
no.7:22 J1 '62. (MIRA 15:11)

1. Iz kafedry fakul'tetskoy khirurgii (zav. - prof. N.M.Yachur)
Vitebskogo meditsinskogo instituta (dir. I.I.Bogdanovich).
(PATELLA--FRACTURE)

PETUKHOV, I.A., kand med. nauk

Importance of early diagnosis of cancerous degeneration of
of chronic leg ulcers in the prevention of severe compli-
cations. Zdrav. Bel. 9 no.1:72-73 J'63. (MIA 16:8)

1. Iz kafedry fakul'tetskoy khirurgii (zav. - prof. N.M.
Yanchur) Vitebskogo meditsinskogo instuta)
(LEG—ULCERS) (CANCER—DIAGNOSIS)

PETUKHOV, I.A.

Diagnosis and treatment of exophthalmic goiter [with summary in English]. Khirurgiia 33 no.7:82-90 J1 '57. (MIRA 10:11)

1. Iz 1-y khirurgicheskoy kafedry (zav. kafedroy - deystvitel'nyy chlen AMN SSSR zasluzhennyy deyatel' nauki prof. V.P.Bradytsev) Tsentral'nogo instituta usovershenstvovaniya vrachey (dir. V.P. Lebedevs) na baze Tsentral'noy klinicheskoy bol'nitsy Ministerstva putey soobshcheniya im. N.A.Semashko (nach. F.L.Leont'yev)
(HYPERTHYROIDISM,
diag. & ther.)

PETUKHOV, I.A., dotsent

Acute appendicitis and Meckel's diverticulum in strangulated
inguinoscrotal hernia in a child. Zdrav. Bel. 9 no.7:81 J1'63
(MIRA 17:4)

1. Iz kafedry fakul'tetskoy khirurgii (zav. - prof. N.M.
Yanchur) Vitebskogo meditsinskogo instituta.

PETUKHOV, I.A., kand.tekhn.nauk; LETOV, S.A., inzh.

Roof control during first caving at "Chelyabinskugol'" Combine
mines. Ugol' 40 no.3:16-23 Mr '65.

(MIRA 18:4)

1. Ural'skiy filial Vsesoyuznogo nauchno-issledovatel'skogo
marksheyderskogo instituta.

PSTOKHOV, I.A., kand.med.nauk

Fractures of the sternum. Vest.khir. 85 no.12:106 D '60.

(MIRA 14:1)

1. Iz fakul'tetskoy khirurgicheskoy kliniki (zav. - doktor med.
nauk N.M. Yanchur) Vitebskogo meditsinskogo instituta.
(STERNUM--FRACTURE)

PETUKHOV, I.A., kandidat tekhnicheskikh nauk.

Undermining and extracting contiguous seams in the Chelyabinsk
Basin. Ugol' 32 no.4:20-23 Ap '57. (MLRA 10:5)
(Chelyabinsk Basin--Coal mines and mining)

~~PETUKHOV, I.A.~~

Late results of surgical treatment of Basedow's disease [with summary in English]. Khirurgiya 33 no.10:104-108 O '57. (MIRA 11:2)

1. Iz 1-y kafedry klinicheskoy khirurgii (zav. - deystvitel'nyy chlen ANN SSSR zaslužhennyy deyatel' nauki prof. F.R.Praytsev) Tsentral'nogo instituta usovershenstvovaniya vrachey (dir. V.P.Lebedeva)
(HYPERTHYROIDISM, surg.
remote results (Rus))

-PETUKHOV, I.A., kand.meditsinskikh nauk

Case of isolated ulcerated lymphogranulomatosis of the stomach.
Zdrav. Belor. 5 no. 5:60-61 My '60. (MIRA 13:10)

1. Iz kafedry fakul'tetskoy khirurgii (zaveduyushchiy - doktor
meditsinskikh nauk N.M. Yanchur) Vitebskogo meditsinskogo
instituta.

(HODGKIN'S DISEASE) (STOMACH—DISEASES)

PEPUKHOV, I.A., kand.med.nauk

Hernia of the linea semilunaris. Zdrav. Belor. 5 no.11:60 N '59.
(MIRA 13:3)

1. Iz kafedry fakul'tetskoy khirurgii (zaveduyushchiy - doktor
meditsinskikh nauk N.M. Yanchur) Vitebskogo meditsinskogo instituta.
(HERNIA)

BE TUKHOV, I.A., Cand Med Sci -- (USSR) "Exophthalmic goiter and its surgical treatment (According to data of the First Surgical Clinic of the Central Inst for the Advanced Training of Physicians)." Smolensk, 1958, 17 pp (Min of Health U.S.S.R. Central Inst for the Advanced Training of Physicians) 200 copies (KL, 32-58, 112)

PETUKHOV, I.A., dotsent (Vitebsk, Okruzhnaya ul., d.7.kv.4)

Thyroid gland tuberculosis. Vest. khir. 91 no.7:70-72 J1'63
(MIRA 16:12)

1. Iz fakul'tetskoy khirurgicheskoy kliniki (zav. - prof.
N.M.Yanchur) Vitebskogo meditsinskogo instituta.

PETUKHOV, I.A., kandidat tekhnicheskikh nauk.

Shock bumps in one of the mines in Central Asia. [Trudy] VNIIMI
no.30:3-16 '56. (MLRA 9:11)
(Tajikistan--Coal mines and mining)
(Subsidence (Earth movements))

PEFUKHOV, I.A. (Moskva)

Werlhof's syndrome in exophthalmic goiter. Vrach.delo no.5:525-527
My '57. (MLRA 10:8)

1. Pervaya kafedra klinicheskoy khirurgii (zav. - deystv. chlen AMN
SSSR, prof. V.B.Bravtsev) Tsentral'nogo instituta usovershenstvova-
niya v.achey
(GRAVES' DISEASE) (PURPURA (PATHOLOGY))

PETUKHOV, I. A.

PA 48/49T79

USSR/Mining
Coal

Apr 49

"Mining Underneath Railroad Tracks at the
Chelyabinsk Coal Field," I. A. Petukhov, *Engg.*,
3 pp

"Ugol," No 4

Problems connected with subject operation are particularly pertinent to Chelyabinsk Region, where there is a very extensive network of railroad tracks. Briefly describes actual conditions, with reference to mining of coal under branch and main lines in subject area. Sketches

48/49T79

USSR/Mining (Contd)

Apr 49

show location of some of the collieries over which railroad tracks pass.

48/49T79

KOLBENKOV, S.P., kand. tekhn. nauk; PETUKHOV, I.A.; MITICHKINA, N.I.;
SULIDI, L.S.; KOROTKOV, M.V., kand. tekhn. nauk, otvetstvennyy
red.; AVERSHIN, S.G., prof., red.; SLAVOROSOV, A.Kh., red. izd-
va; ALADOVA, Ye.I., tekhn. red.

[Shifting of rock and of the earth's surface in the chief coal
basins of the U.S.S.R.] Sdvizhenie gornyykh porod i zemnoi
poverkhnosti v glavne'shikh ugol'nykh basseynakh SSSR, Moskva,
Ugletekhizdat, 1958. 249 p. (MIRA 11:10)

1. Leningrad. Vsesoyuznyy nauchno-issledovatel'skiy markshey-
derskiy institut.
(Coal geology) (Earth movements)

PETUKHOV, I.A., inzhener.

The problem of constructing angle δ . Trudy VNIIMI no.29:
69-76 '54. (MLRA 8:3)

(Mine surveying)

PETUKHOV, I.A., inzhener.

The distribution of surface displacements. Trudy VNIIMI no.29:
77-85 '54. (MIRA 8:3)
(Subsidences (Earth movements))

PETUKHOV, I. A.

"Method of Calculation of the Displacement of Rocks Under
Conditions Prevailing in the Chelyabinsk Lignite Basin and the
Possibility of Its Application to Other Coal Basins and Deposits."
Cand Tech Sci, Sverdlovsk Mining Inst, Sverdlovsk, 1954. (Zhurnal,
Mar '56)

SO: Sum. No. 670, 29 Sep 56--Survey of Scientific and Technical
Dissertations Defended at USSR Higher Educational Institutions (1)

BEZHNEV, I. I., inzh. Lysenko, N. T., inzh.

Efficient distribution of development workings in flat sea
mining in the Chelvabinsk Basin. Ugol' 40 no.9:9-15 1965.

(MIRA 18:10)

PETUKHOV, I.G., general-mayor aviatsii, voyenny letchik pervogo klassa;
KOROBCHAK, N.I., polkovnik, voyenny letchik pervogo klassa

But we do it this way... Vest.Vozd.Fl. no.4:22-25
AP 140. (MIRA 13:8)
(Flight training)

PETUKHOV, I.N.

"The Behavior of Ore and Coal in the Kizelovsk Basin Shafts, which are Dangerous to Blast." *Engl Tech Sci*, Leninist Order of Lenin and Order of Labor Red Banner Mining Inst, Min Higher Education USSR, Ufa, Ufa, 1954. (EI, NO 14, Apr 55).

SO: Sum. No. 704, 2 Nov 55 - Survey of Scientific and Technical Dissertations Defended at USSR Higher Educational Institutions. (16).

PETUKHOV, I.M., kandidat tekhnicheskikh nauk.

Working coal pillars in shock-bump hazardous areas of the Kizel Basin
mines. [Trudy] VNIMI no.30:36-48 '56. (MLRA 9:11)
(Kizel Basin--Coal mines and mining--Safety measures)
(Subsidence (Earth movements))

PETUKHOV, I.M.; PARTIN, I.I.

Undermining double stall, steeply pitching seams of "Kapital'naya"
no. 2 mine in the Kizel Basin, to prevent rock bumps. UgoI' 32 no.
5:13-18 My '57. (MIRA 10:5)

1. Nachal'nik tekhnicheskogo otdela tresta Stalimgol'. (for
Petukhov). 2. Glavnyy inzhener shakhty No. 2 "Kapital'naya."
(for Partin).

(Kizel Basin--Coal mines and mining)
(Subsidence (Earth movements))

PETUKHOV, I. M.

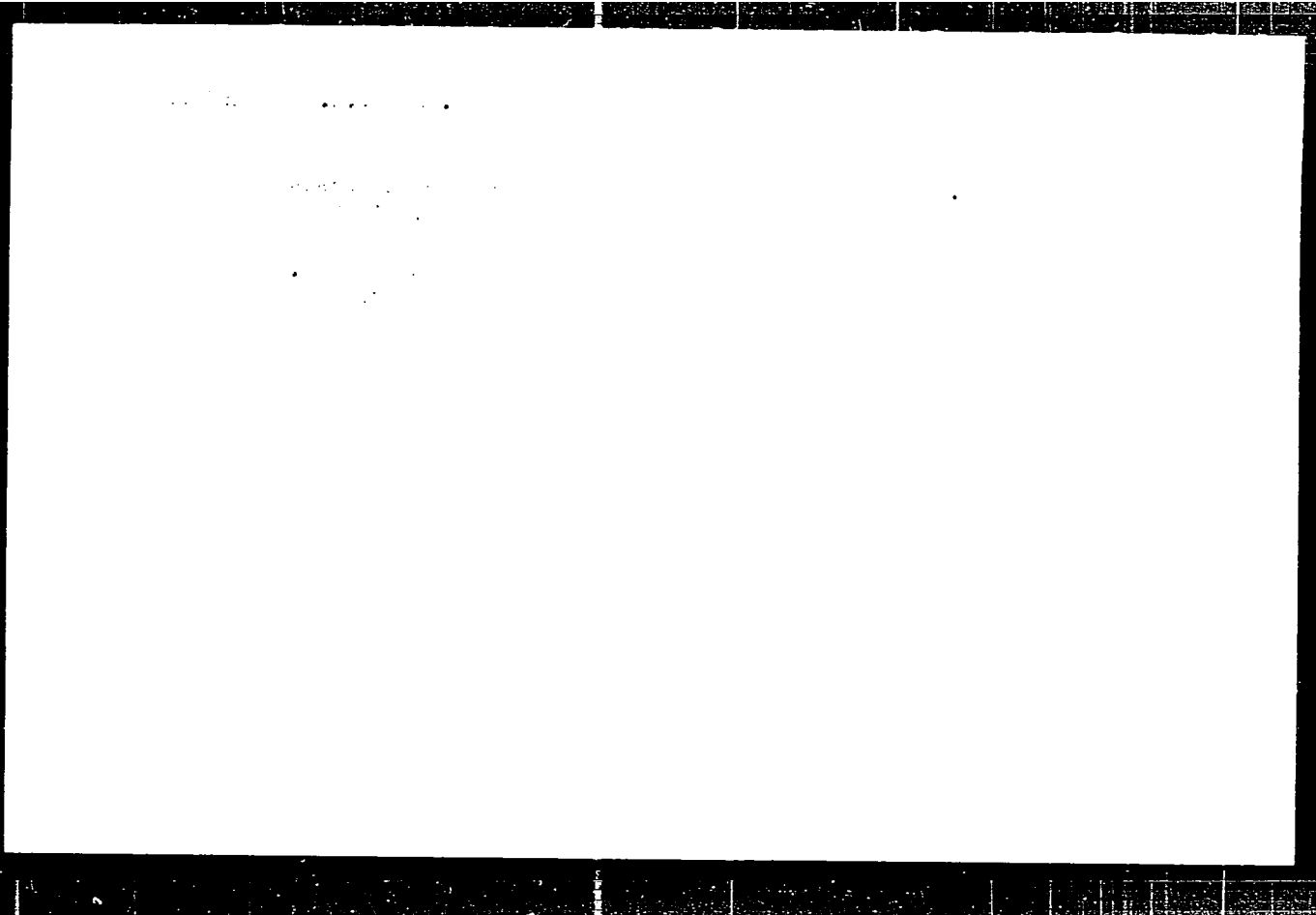
"Utilization of Rock Pressure and the Macrostructure of Coal Seams to Facilitate Mining."

report presented at the Hungarian Mining Congress, Budapest, 12-18 Sep 1968.

ROZOV, B.V.; BUDKOV, V.Ye.; KORENEV, A.S.; KRIULYA, M.I.; TSUKERMAN, I.S.
ZOLOTNITSKIY, Ya.I.; PETUKHOV, I.M.; PAN'KOV, A.A.; VINOKUR, B.Sh.

Manless coal mining by means of a wire rope saw in the Kizel Basin.
Ural' 35 no.7:38-44 Je '60. (MIRA 13:8)

1. Kombinat Kiselugol' (for Rozov, Budkov, Korenev, Kriulya,
TSukerman, Zolotnitskiy). 2. Vsesoyuznyy nauchno-issledovatel'skiy
marksheyderskiy institut (for Petukhov, Pan'kov, Vinokur).
(Kizel Basin--Coal mines and mining)
(Coal mining machinery)



AVERSHIN, S. G.; PETUKHOV, I. M.; VIS, I. A.

"Gebirgsschläge und Maßnahmen zu ihrer Bekämpfung."

report submitted for Mtg of Intl Bureau of Rock Mechanics, Leipzig, Nov 69.

UdSSR, Frunse, Akademie der Wissenschaften der Kirgisischen SSR; Leningrad VNIMI.

PETUKHOV, I.M., kand.tekhn.nauk

Using energy from rock pressure for coal mining. [Trudy] VNIMI
no.49:18-38 '62. (MIRA 17:4)

1. Vsesoyuznyy nauchno-issledovatel'skiy marksheyderskiy institut.

FETUKHOV, I.M., kand.tekhn.nauk; FEDOTOV, A.P., kand.tekhn.nauk

Determination of the limits of a protective layer. [Trudy] VNIMI
no.49:118-136 '62. (MIRA 17:1)

1. Vsesoyuznyy nauchno-issledovatel'skiy marksheyderskiy institut.

AVERSHIN, S.G., prof., doktor tekhn.nauk; ~~RETUKHOV, I.M.~~, kand.tekhn.nauk

Study of bumps and development of measures to control against
their harmful effects in mines of the U.S.S.R. [Trudy] VNIMI
no.49:3-17 '62. (MIRA 17:4)

1. Vsesoyuznyy nauchno-issledovatel'skiy marksheyderskiy institut.

AVERSHIN, S.G.; PETUKHOV, I.M.

"Conditions of genesis of rockbursts and precautions against rockburst hazard."

Report to be submitted for the 4th Intl. Conference on Strata Control and Rock Mechanics New York, 4-8 May 1964.

AVERSHIN, S.G.; PETUKHOV, I.M.; ROZOV, B.V.; BUDKOV, V.Ye.

Control of the harmful effects of bumps in the mines of the
U.S.S.R. Ugol' 37 no.8:22-30 Ag '62. (MIRA 15:9)

1. Vsesoyuznyy nauchno-issledovatel'skiy marksheyderskiy institut
(for Avershin, Petukhov). 2. Gosudarstvennyy trust ugol'nykh
predpriyatiy Kizelevskogo rayona (for Rozov, Budkov).
(Mining engineering) (Rock pressure)

S/169/62/000/005/040/093
D228/D307

AUTHORS: Petukhov, I. M., Mikhorskiy, L. M. and Morozov, G. I.

TITLE: Using the change in the electroconductivity of rocks to study their solid strain state and collector properties

PERIODICAL: Referativnyy zhurnal, Geofizika, no. 5, 1962, 98, abstract 5A288 (30. tr. po voopr. issled. gorn. i svezheniya i savizheniya gorn. porod, (VNIMI, 42), L., 1962, 110-118)

TEXT: A description is given of the equipment for measuring the electric resistance of specimens of rocks under a variable pressure and of the obtained results. The relative resistance of the rock specimens increases as the pressure becomes greater. The highest increases are observed in rocks, containing argillaceous admixtures. The rock resistance diminishes as the pressure drops, but the phenomenon of hysteresis is observed. The measurements were made on a two-electrode circuit with a supply-current frequency

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Using the change in ...

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3228/5307

of 1000 c/s. It is shown that the resulting data have to be used in determining rock porosities in the resistivity method. It is pointed out that the character of the pressure change in rock massifs can be ascertained by measuring the rock resistance. To do this, the rock resistance is systematically measured in drilled holes by means of a system of electrodes, fixed in the borehole. The result of measuring the resistance of the ground and the roof of a coal seam in the process of being mined is described. As a result of obstacles in the measurement of the potential differences, the observation of the nature of the rock change was made by means of measuring the current strength. / Abstractor's note: Complete translation. 7

Card 2/2

MAZIN, B.S.; PETUKHOV, I.N.; KUROCHKIN, P.G.

Use of periclase-spinel bricks in the regenerator checkerwork
of open-hearth furnaces. Stal' 21 no.8:69⁹-700 Ag '61.
(MIRA 14:9)

1. Beloretskiy metallurgicheskiy kombinat.
(Open-hearth furnaces--Equipment and supplies)
(Firebrick)

PETUKHOV, I. P.

Dissertation defended for the degree of Candidate of Biological Sciences
at the Institute of Forest and Wood; Siberian Branch

"Results of Introducing Trees and Bushes into the Central Urals."

Vestnik Akad. Nauk, No. 4, 1963, pp 119-145

1. ПИТУХИН, И. П., проф.
2. УДН (600)
4. Coal Mines and Mining
7. 1. Calculating the displacement of rock in underground coal mine, *ibid.*, no. 3, 1953.

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

L 13982-65 EWP(1)/EWP(m)/FGS(k)/EWA(1) Pd-1/P1-4 AFTG(a)/SD(a)/AFWL/AFETH/
SSD/ASD(p)-3/ASD(a)-5/ABDC(a)/ASD(f)-2/APGC(a)/ESD(sp)/ESD(gs)/ESD(t) MLK

ACCESSION NR: AT4047151

S/0000/64/000/000/0304/0325

AUTHOR: Patukhov, I. V. (Moscow)

TITLE: Numerical analysis of two-dimensional flows in the boundary layer

SOURCE: Chislenny*ya metody* rasheniya differentsial'nykh i integral'nykh uravneniy i kvadrurny*ye formuly* (Numerical methods of solving differential and integral equations and quadrature formulas); sbornik statey, Moscow, Izd-vo Nauka, 1964, 304-325

TOPIC TAGS: boundary layer equation, numerical solution, two dimensional flow, supersonic flow, finite difference solution method, compressible laminar flow, incompressible flow

ABSTRACT: A general method for the numerical solution of nonlinear, parabolic, partial differential equations with a general form of boundary conditions is proposed. This method utilizes a four-point implicit-difference scheme, which assures high accuracy in approximation of the initial equations. The "drive through" method is used to determine the coefficients in relations between unknown solutions at two

Card 1/2

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ACCESSION NR: AT4047151

neighboring lattice points of the net. The method presented here is applied to the numerical solution of boundary layer equations of the plane and axisymmetric, steady, laminar flow of an ideal gas. By utilizing generalized parabolic coordinates, the boundary layer equations are reduced to a form convenient for numerical computations. In addition, the algorithm of the computational process is presented. Numerical results obtained from solving the boundary layer problem for compressible supersonic gas flow around a circular cylinder and a sphere, and of incompressible gas flow around a parabolic cylinder, a circular cylinder, and a sphere are presented in analytic and tabular form. Orig. art. has: 138 formulas.

ASSOCIATION: none

SUBMITTED: 10May63

ENCL: 00

SUB CODE: ME, MA

NO REV SOV: 007

OTHER: 005

ATD PRESS: 3137

7/2

PETUKHOV, I. V. (Moskva); ANKUDINOV, A. L. (Moskva)

Effect of the verticity of external flow and of the curvature
of a body on the flow in a boundary layer. Inzh. zhur. 2
no.4:262-268 '62. (MIRA 16:1)

(Boundary layer)

32896

S/044/61/000/012/052/054

0111/0222

16.6500 16.4100

AUTHOR: Petukhov, I. V.

TITLE: On contour series and their application to the integral methods

PERIODICAL: Referativnyy zhurnal, Matematika, no. 12, 1961, 54
abstract 12V325 ("Zh. vychisl. matem. i matem. fiz.",
1961, 1, no. 2, 196-207)

TEXT: Under consideration are asymptotic contour series (in particular the Euler series), which are encountered when expanding a function into a series of averaged derivatives. The case of a rectangular averaging domain is examined. An asymptotic expression in the form of a contour series is derived for the integral of the product of two functions. This expression can be used to obtain approximate expressions for the integral quantities which appear in the integral method of the boundary-layer theory. Analogous expressions for double integrals of a function and products of functions are obtained in the form of double contour series. The results are applied to the integral methods of the boundary-layer theory, which are based on a previous integral averaging of the equations over the corresponding elementary

Card 1/2

4

On contour series and their

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domains. The Pohhausen method is considered from the standpoint of the estimation of neglected remainders.

[Abstracter's note: Complete translation.]

Card 2/2

PETUKHOV, I. V. (Moscow)

"Numerical Integration of Laminar Boundary Layer Equations in Partial Derivatives."

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

PETUKHOV, I. V.

USSR/Mathematics - Viscous gas flow

FD-836

Card 1/1 : Pub. 85 - 1/14

Author : Petukhov, I. V. (Moscow)

Title : Inertialess laminar currents of a viscous gas in plane channels

Periodical : Prikl. Mat. i mekh., 18, 385-398, Jul/Aug 1954

Abstract : Gives the exact solutions for the case of inertialess laminar currents of a viscous gas in plane channels. Integrates in a general form the equations of motion and the equation of heat inflow for this case in the entire range of variation of the reduced velocity and for arbitrary temperature dependence of the physical parameters of the gas (coefficients of viscosity, coefficient of heat conduction, and specific heat capacity). Two references, USSR (N. Ye. Kochin).

Institution : --

Submitted : April 12, 1954

PETUKHOV, I. V.

Petukhov, I. V. Inertialess laminar flows of a viscous gas in plane channels. Prikl. Mat. Meh. 15, 385-398 (1954). (Russian)

L'A. forme d'abord les équations de l'écoulement laminaire permanent d'un gaz visqueux en coordonnées curvilignes orthogonales quelconques; il est tenu compte des échanges thermiques dans la masse du fluide, mais les pertes par rayonnement sont négligées. Les résultats obtenus sont particularisés en supposant les mouvements plans, la famille des lignes de courant étant prise pour l'une des familles des courbes de référence. On peut alors énoncer le problème aux limites pour déterminer l'écoulement d'un gaz dans un canal limité par deux parois. L'A. particularise encore et cherche les mouvements pour lesquels les forces d'inertie s'annulent identiquement. De tels régimes se partagent en trois classes; pour chacune d'elles le problème posé peut être résolu et les solutions obtenues sont calculables numériquement. Les résultats sont tabulés. J. Kravichenko.

I - P/W

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C222

AUTHOR: Petukhov, I.V.

TITLE: The integration of boundary layer equations with the aid of the asymptotic solutions

PERIODICAL: Referativnyy zhurnal. Matematika. no. 7, 1961, 56, abstract 7 B 254. ("Inzhenernyy sb.", 1960, 30, 149-165)

TEXT: The author considers boundary layer equations with a mass and heat exchange in the critical point of the body with an arbitrary form of the nose. The solution of such problems can be reduced to the solution of non-linear differential equations, where the boundary conditions on the body and in infinity are prescribed. The numerical integration of these equations is very difficult. The author uses the invariance of the boundary layer equations with respect to a shift along the transversal coordinate and finds an analytic asymptotic solution of the considered equations in a great distance from the approached body, where this solution is a function of only one variable. Then the author formulates the Cauchy problem for the boundary layer equations as follows: Determine that solution of the boundary layer equations which in infinity
Card 1/2

X

The integration of boundary layer ...

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C111/C222

agrees with the known asymptotic solution. I.e. all conditions are prescribed on a boundary of the region. The author finds asymptotic solutions for several forms of the nose ; a numerical solution of the formulated Cauchy problem, however, which would have permitted a determination of the solution on the body itself is not given. The following difficulties will arise for a practical performance of the proposed method. The effort to obtain utmost exact initial conditions for the Cauchy problem will lead to the necessity to formulate these conditions in a sufficiently large distance from the body. For the solution of the Cauchy problem that will lead to a great number of steps. In the final result it may appear that the boundary condition on the body is satisfied with a great error. Although the author's method is correct from the mathematical point of view its practical practicability must still be proved.

[Abstracter's note : Complete translation.]

Card 2/2

S/020/60/132/02/17/067
B014/B007

AUTHOR: Petukhov, I.V.

TITLE: Numerical Integration of the Equations of the Laminary Boundary
Layer

PERIODICAL: Doklady Akademii nauk SSSR, 1960, Vol. 132, No. 2, pp. 307-310

TEXT: In the described method of the accurate integration of the boundary-layer equations continuous flows of incompressible gases are investigated. In the introduction it is stated that the method may without difficulties be applied also to laminary flows of compressible gases. It is shown in a short consideration that it is sufficient in the present case to solve the problem of a nonviscous flow round the body, where the surface of the body is shifted by one displacement thickness. Formula (2) characterizes the swelling of the boundary layer, which is caused both by the friction of particles and by the infiltration of gas. The main difficulty of integrating boundary-layer equations is caused by the fact that the solution must be considered in the infinite space. By the introduction of asymptotic postulates the author succeeds

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Numerical Integration of the Equations of the
Laminary Boundary Layer


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in converting the boundary-layer equations into linear heat-conductivity equations. In this way, the difficulties in integration are avoided. Thus, equation (4) is obtained, and by the introduction of parabolic coordinates a singularity is eliminated. It is described how to obtain all the solutions of equation (4), and the conditions as to when these solutions are solutions of boundary-layer equations are discussed. By using the asymptotic solution as an initial condition, the solution of the boundary-layer equation in the entire region is constructed. For numerical computation, equations (6) and (7) are given, and the accuracy of calculation is discussed. There is 1 Soviet reference.

PRESENTED: January 11, 1960, by A.A. Dorodnitsyn, Academician

SUBMITTED: January 8, 1960

Card 2/2



ПЕТУРХОВ, И. В.

✓ 3104. Petukhov, I. V., Inertialless laminar flow of a viscous gas in plane channels (in Russian), *Prikl. Mat. Mekh.* 18, 4, 385-398, July/Aug. 1954.

62

Paper treats in a quite general way the solution of the equations of viscous, inertialless gas flow where the physical parameters (viscosity, specific heat, and heat-transfer coefficient) are functions of temperature. Some mathematically convenient specific calculations are given. The tone of the paper is largely academic.
R. A. Burton, USA

PETUKHOV, I. V. (Moskva)

Applying asymptotic solutions to the integration of equations of a
boundary layer. Inzh.sbor. 30:149-165 '60. (MIRA 13:10)
(Boundary layer)

PETUKHOV, K.

(Military Engineer 3rd Grade)

"Progressive Development of Aircraft Engine Design in Foreign Countries," Vest.
Vozd. Flota, Moscow, Aug. 1938

PETUKHOV, K.

For further development of diesel locomotive traction; a
letter to the editor. Zhel.dor.transp. 36 no.3:87 Nr '55.
(MIRA 12:5)

1. Zamestitel' ministra transportnogo mashinostroyeniya SSSR.
(Diesel locomotives)

1. PETUKHOV, K.
2. USSR (600)
4. Calves
7. Raising calves on progressive farms. Kolkh. proizv. 12 no. 10, 1952

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

PETUKHOV, K.

Movement for the communist labor and technological progress.
Vop. ekon. no. 8:26-34 Ag '61. (MIRA 14:7)

1. Predsedatel' Moskovskogo gorodskogo sovarkhoza.
(Moscow--Socialist competition) (Moscow--Automation)

USTINOV, V.; BOBROVNIKOV, N.; PETUKHOV, K.; KREST'YANINOV, V.; SOSIN, A.

Moscow workers kept their promise in an honorable manner. Gor.
khoz.Mosk. 34 no.1:1-3 Ja '60. (MIRA 13:5)

1. Sekretar' Moskovskogo gorodskogo komiteta Kommunisticheskoy
partii Sovetskogo Soyuza (for Ustinov). 2. Predsedatel' ispolkoma
Mossoveta (for Bobrovnikov). 3. Predsedatel' Mosgorsovnarkhoza
(for Petukhov). 4. Predsedatel' Moskovskogo gorodskogo soveta
profsoyuzov (for Krest'yaninov). 5. Sekretar' Moskovskogo gorod-
skogo komiteta Vsesoyuznogo Leninskogo kommunisticheskogo soyuza
molodezhi (for Sosin).

(Moscow--Municipal services) (Moscow--Building)

PETUKHOV, I.D.

New technological processes for large castings. Lit.proizv.no.2
supplement:1-2 '56. (MIRA 9:7)
(Steel castings) (Foundling)

PETUKHOV, K.D.

Technical progress in heavy machinery industry in the sixth five-year plan. Mekh. trud. rab. 11 no.2:3-7 P '57. (MIRA 10:5)

1. Ministr tyazhelego mashinostroyeniya SSSR.
(Automatic control) (Machinery industry)

Pr. ...
PETUKHOV, K.G., inzh.

Air heating in recuperators of smelting furnaces. Prom.energ.
12 no.8:8-9 Ag '57. (MIRA 10:10)
(Smelting furnaces)

EYLER, A.A., kand.tekhn.nauk; PETUKHOV, K.I., kand.tekhn.nauk

Synthesis of switching circuits. Avtom., telem. i sviaz' 6 no.3:
13-15 Mr '62. (MIRA 15:3)
(Electric networks) (Railroads--Signaling)

PETUKHOV, K.I., SHALOMENKO, T.R., red.

[Automatic block systems; operational and technical problems of designing, of outdoor and control-room equipment. Textbook for the preparation of a course project] Avtomaticheskaya blokirovka; ekspluatatsionno-tekhnicheskie voprosy proektirovaniia, razrabotka i projektirovanie. Metodye posobie dlia kursnogo projektirovaniia. Leningrad, Leninskii inzhenerno-stroitel'skiy univ. im. V.I.Obraztsova. No.1. 1961. 26 p. (MIRA 17:1)

PETUKHOV, K.I.

Magnetic memory used for interlocking in hump yards. Sbor.
LIIZHT no.161:298-310 '58. (MIRA 11:12)
(Railroads--Signaling--Interlocking systems)
(Railroads--Hump yards) (Magnetic memory)

PETUKHOV, K. I.

Min Railways USSR. Leningrad Order of Lenin Inst of Railroad Transport
Engineers imeni Academician V. N. Obrastsov. Leningrad, 1956.

PETUKHOV, K. I. - "The use of magnetic accumulators in systems of automatic trans-
portation." Min Railways USSR. Leningrad Order of Lenin Inst of Railroad Transport
Engineers imeni Academician V. N. Obrastsov. Leningrad, 1956.
(Dissertation for the Degree of Candidate in Technical Sciences.)

SO: Knizhnaya Letopis' No. 13, 1956.

PETUKHOV, K.Yu.

Treatment of endarteritis obliterans with a preparation of a bull vitreous humor and implantation of preserved cornea. Sov.med. 21 no.3:129-130 Mr '57. (MLRA 10:7)

1. Iz khirurgicheskogo otdeleniya ²ermaskoy zheleznodorozhnoy bol'nitsy (nachal'nik bol'nitsy S.M.Fedorov)
(THROMBOANGIITIS OBLITERANS, ther.
bovine vitreous humor extract & corneal grafts)
(VITREOUS BODY, extract
ther. use in thromboangitis obliterans, with
corneal grafts)
(CORNEA, transpl.
bovine corneal grafts in thromboangitis obliterans,
with vitreous body extract)

PETUKHOV, L. G.

PETUKHOV, L. G. - Kand. Arkhitektury, IVANOV, V. T., Arkh., NIKOLAYEV, I. S., Chl.-
Korr. Akademii Arkhitektury SSSR D-R Arkhtekhtury Prof., BAZARNOV, V. M. - Arkh.

Nauchno-issledovatel'skiy Institut Arkhitektury Obshchestvennykh i Promyshlennykh
sooruzheniy Akademii Arkhitektury SSSR

Promyshlennyye predpriyatiya v gorode

Page 62

SO: Collection of Annotations of Scientific Research Work on Construction, completed
in 1950.
Moscow, 1951

MASSOVER, A.M., inzh.; PETUKHOV, L.P., inzh.

New loop-type water seal. Bezop. truda v prom. 4 no. 5:29 My '60.
(MIRA 14:5)

1. Upravleniye Groznenskogo okruga Gosgortekhnadzora NSFSR.
(Boilers—Safety appliances)

SYBINA-MOLOZHEN, L. M.; POLYAK, M. P.; PRIGOROV, L. S.

"Temperature-field calculation in a gas-turbine blade with internal cooling."
report submitted for 2nd All-Union Conf on Heat & Mass Transfer, Minsk, 4-12
May 1964.
Polunov Boiler & Turbine Inst.

PETUKHOV, M. [Petukhou, M.]

Measles will be controlled. Rab. i sial. 39 no. 3:16-17 Mr '63.
(MIRA 16:4)

(MEASLES)

PETUKHOV, M.G.

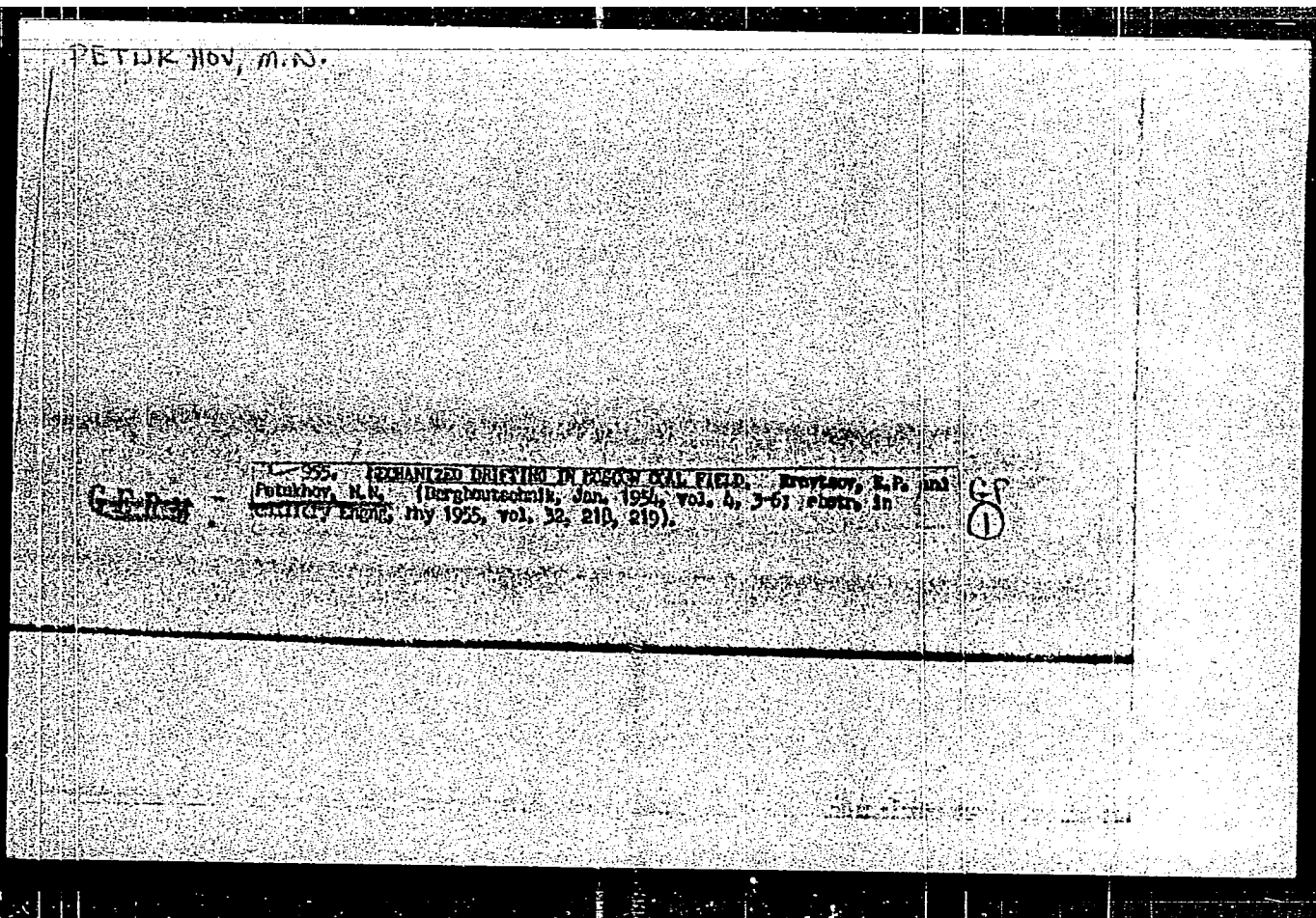
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PETUKHOV, M.I. (Kiybyshev (obl.), ul. Krasnoyarskaya, d.135, kv.12)

Echinococcus of the muscles. Nov.khir.arzh. no.3:68-69
Mv-Je '59. (MLRA 12:10)

1. Kafedra obshchey khirurgii (zav. - prof.S.P.Shilovtsev)
Kiybyshevskogo meditsinskogo instituta.
(MUSCLES--HYDATIDS)



PETUKHOV, M. I., kand.med.nauk

Three cases of giant echinococcosis of the kidneys. Sov. med. 25 no.9:
128-130 S '61. (MIRA 15:1)

1. Iz propedevticheskoy khirurgicheskoy kliniki (zav. - prof. S.P.
Shilovtsev) Kuybyshevskogo meditsinskogo instituta.
(KIDNEYS--HYDATIDS)