ARSHAVSKIY, I.A.

Problem of specificity in connection with the physiological analysis of the action mechanism of some pharmacological substances at various ages. Trudy Vses. ob-va fiziol., biokhim. i farm. 4:127-135 '58. (MIRA 14:2)

1. Laboratoriya vozrastnoy fiziologii Instituta obshchey i eksperimental'noy patologii AMN SSSR (zav. laboratoriyey prof. I.A. Arshavskiy).

(PHARMACOLOGY) (NERVOUS SYSTEM)

ARSHAVSKIY, I.A.

On the nature of bioelectric potentials in connection with the analysis of the electrotonus and basic nervous processes in ontogeny. Izv.AN SSSR Ser.biol. 23 no.1:71-78 Ja-F '58.
(MIRA 11:1)

1.Institut normal'noy i patologicheskoy fiziologii AMN SSSR.
(ELECTROPHYSIOLOGY)
(NERVES)

ARSHAVSKIY, I.A.

Physiological basis for classifying newborn children according to indexes of maturity and immaturity. Vop. okh. mat. i det. 3 no.1:7-14 Ja-F '59. (MIRA 12:2)

1. Iz laboratorii vozrastnoy fiziologii i patologii (nav. - prof. I. A. Arshavskiy) Instituta normal'noy i patologicheskoy fiziologii AMN SSSR (dir. - prof. V. N. Chernigovskiy).
(INFANTS(NEWBORN))

ARSHAVSKIY, I.A., prof.

Mechanisms of the body's adaptation and resistance at different ages.
Vest.AMN SSSR 14 no.4:18-29 '59. (MIRA 12:5)

1. Laboratoriya vozrastnoy fiziologii i patologii (zav. - prof. I.A.Arshavskiy) Instituta normal'noy i patologicheskoy fiziologii AMN SSSR (dir. - deystvitel'nyy chlen AMN SSSR prof. V.N.Chernigovskiy).
(PHYSIOLOGY, PATHOLOGICAL) (AGING)

ARSHAVSKIY, I. A.

17(1) SOV/30-59-4-36/51

AUTHOR: Razumov, S. A., Candidate of Biological Sciences

TITLE: Problems of Ecological Physiology (Problemy ekologicheskoy fiziologii)

PERIODICAL: Vestnik Akademii nauk SSSR, 1959, Nr 4, pp 121-123 (USSR)

ABSTRACT: The All-union Conference held by the Institut fiziologii im. I. P. Pavlova (Physiological Institute imeni I. P. Pavlov) in Leningrad between January [illegible] and January [illegible] dealt with these problems. Altogether 58 reports were delivered. [illegible] spoke about "Essential Trends of Research of the Ecological-physiological Specialization in Mammals"; D. A. Biryukov on "Ecological Factors in Animal Physiology"; [illegible] on "the Ecological Heat Balance in [illegible] (Insects) and [illegible] (Reptiles and Mammals)"; I. A. Arshavskiy spoke about "the Comparative Ontogenetic Characteristics of Several Physiological Features in Rabbits and Hares in Connection With Particularities of Their Ecology"; Ye. M. Kreps, [illegible] and A. A. Smirnov reported on "Physiological Characteristics of Various Subspecies of Species of Crabs in Dependence of Their Conditions of Life"; [illegible] spoke about "the Behavior and Survival of "Rhombomys opimus" (Gerbil) in the Case of Irrigation and Flooding of the Irrigated Regions"; [illegible] spoke about "the Internal Structure of Higher Vertebrates and Some Problems of Their Investigation by Ecological-physiological Methods"; [illegible] dealt with "the Morpho-physiological Variability of the Population of Rodents Under the Effect of Ecological Conditions"; [illegible], [illegible] Markiyevich and [illegible] Petrosyan spoke about "[illegible] Ecological-physiological Characteristics of Various Species and Geographical Populations of a Type of Sandstone"; N. P. Naumov, [illegible] and [illegible] reported on "the Ecological and Physiological Trend of the Investigation of the Effect of Rat Poisons". In their resolution the members of the Conference underlined the great importance of ecological physiology and indicated the most important ways of further research in this field. Special attention was paid to the [illegible] research work carried out by ecologists, zoologists, physiologists and biochemists.

Card 1/2

Card 2/2

ARSHAVSKIY, I.A.

Mechanisms of the development of nutritional functions during the intrauterine period and following birth (problem of adaptability during early stages of ontogenesis). Zhur.ob.biol. 20 no.2:104-114 Mr-Ap '59. (MIRA 12:5)

1. Laboratory of Age Physiology and Pathology, Institute of Normal and Pathologic Physiology, Academy of Medical Sciences of the U.S.S.R.

(EMBRYOLOGY--MAMMALS) (NUTRITION)

AFSHAVSKIY, I.A.

Physiological mechanisms of divergence; based on the data of a comparative ontogenetic analysis of some physiological features of rabbits and hares in connection with the peculiarities of their ecology. Zool.zhur. 38 no.10:1456-1470 O '59. (MIRA 13:2)

1. Laboratory of Age Physiology and Pathology, Institute of Normal and Pathological Physiology, Academy of Medical Sciences of the U.S.S.R., Moscow.
(Physiology, Comparative) (Rabbits) (Hares)

ABSHAVSKIY, I.A.; KONDRASHOVA, M.N.

Characteristics and mechanism of true pessimum; analysis of the nature of inhibition [with summary in English]. Fiziol.zhur. 45 no.2:194-202 F '59. (MIRA 12:3)

1. From the laboratory of developmental physiology, Institute of Normal and Pathologic Physiology, Moscow.
(NERVE MUSCLE PREPARATION,
Vvedenskii's true pessimum phenomenon (Rus))

ANOKHIN, P.K., otv.red.; AGAFONOV, V.G., red.; ARSHAVSKIY, I.A., red.; GOLUBEVA, Ye.L., red.; KRYZHANOVSKIY, G.N., red.; PARIN, V.V., red.; SNYAKIN, P.G., red.; TROFIMOV, L.G., red.; SHUMILINA, A.I., red.

[Materials of the First Conference devoted to Problems in the Physiology, Morphology, Pharmacology, and Clinical Aspects of the Reticular Formation of the Brain] Materialy Nauchnoi konferentsii, posvyashchennoi problemam fiziologii, morfologii, farmakologii i kliniki retikulyarnoi formatsii golovnogo mozga. Moskva, 1960. 134 p. (MIRA 14:3)

1. Nauchnaya konferentsiya, posvyashchennaya problemam fiziologii, morfologii, farmakologii i kliniki retikulyarnoy formatsii golovnogo mozga. 1960. 2. Laboratoriya obshchey fiziologii tsentral'noy nervnoy sistemy Instituta normal'noy i patologicheskoy fiziologii AMN SSSR, Moskva (for Agafonov, Shumilina). 3. Laboratoriya vozrastnoy fiziologii i patologii Instituta normal'noy i patologicheskoy fiziologii AMN SSSR, Moskva (for Arshavskiy). 4. Elektrofiziologicheskaya laboratoriya Instituta mozga AMN SSSR, Moskva (for Trofimov).

(BRAIN)

ARSHAVSKIY, Il'ya Arkad'yevich

[Physiology of blood circulation in the intratubal period]
Fiziologiia krovoobrashcheniia vo vnutriutrobnom periode.
Moskva, Medgiz, 1960. 334 p. (MIRA 14:1)
(FETUS) (BLOOD--CIRCULATION)

ARSHAVSKIY, I. A. (Moskva)

Retikulyarnaya formatsiya i osobennosti sna i narkoza v raslichnyye vozrastnyye periody (dal'neyshiye materialy k mekhanizmu osushchestvleniya narkoza na tselostnom organizme).

report submitted for the First Moscow Conference on Reticular Formation, Moscow, 22-26 March 1960.

ARSHAVSKIY, I.A.

Perielectrotonus as the basis and mechanism of excitation and inhibition, biophysical mechanism of autooscillation processes. Biofizika 5 no. 2:143-151 '60. (MIRA 14:4)

1. Institut normal'noy i patologicheskoy fiziologii AMN SSSR, Moskva.
(ELECTROPHYSIOLOGY)

ARSHAVSKIY, I.A.

Physiological importance of the transformation of the skeleto-muscular, respiratory, and cardiovascular systems in various mammals during ontogenesis. Trudy Inst.morf.zhiv. no.31:35-50 '60. (MIRA 13:6)

1. Institut normal'noy i patologicheskoy fiziologii AMN SSSR.
(MORPHOLOGY (ANIMALS))

ARSHAVSKIY, I.A., prof.

On the nature of peripheral and central inhibition (analysis of its formation and changes in the process of ontogenesis). Vest. AMN SSSR 15 no.8:41-53 '60. (MIRA 13:11)

1. Laboratoriya vozrastnoy fiziologii i patologii Instituta normal'noy i patologicheskiy fiziologii AMN SSSR.
(INHIBITION)

ARSHAVSKIY, I.A.

Longevity of man in the light of data of a comparative ontogenic analysis. Biul. MOIP. Otd. biol. 65 no. 6:153 N-D '60.
(MIRA 14:2)

(LONGEVITY)

ARSHAVSKIY, I.A.

Mechanism of Sechenov inhibition in connection with an analysis of it in the process of ontogenesis. Trudy 1-go MMI 11:37-52 '61. (MIRA 15:5)

1. Laboratoriya vozrastnoy fiziologii i patologii (zav. - prof. I.A. Arshavskiy) Instituta normal'noy i patologicheskoy fiziologii AMN SSSR Moskva.

(INHIBITION)

ARSHAVSKIY, I.A.; YEVNEVICH, S.I.

Characteristics of the development of thermoregulation reactions in newborn infants and the problem of the substantiation of the temperature and humidity regime required for them. Nauch. inform. Otd. nauch.med. inform. AMN SSSR no.1: 3-5 '61 (MIRA 16:12)

1. Institut normal'noy i patologicheskoy fiziologii (direktor - deystvitel'nyy chlen AMN SSSR prof. V.V.Parin) AMN SSSR, Moskva.

ARSHAVSKIY, I.A.; ARSHAVSKAYA, E.I.

Features of motor (skeletomuscular) and various other reflexes specific for the neonatal period in physiologically mature and immature infants. Vop. okhr. mat. i det. 6 no. 1:31-37 Ja '61. (MIRA 14:4)

1. Iz laboratorii vozrastnoy fiziologii i patologii (zav. - prof. I.A. Arshavskiy) Instituta normal'noy i patologicheskoy fiziologii AMN SSSR (dir. - deystvitel'nyy chlen AMN SSSR prof. V.N. Chernigovskiy).
(INFANTS (PREMATURE)) (INFANTS (NEWBORN)) (REFLEXES)

ARSHAVSKIY, I.A.

Mechanisms in the origin of innervation factors regulating cardiac activity in ontogenesis; analysis of the genesis of hypoplasia of the cardiovascular system. Vest. AMN SSSR 16 no.5:12-24 '61.

1. Institut normal'noy i patologii AMN SSSR.
(HEART) (NERVOUS SYSTEM, SYMPATHETIC)
(VAGUS NERVE)

ARSAVSKIJ, I. A.

Physiological basis of newborn nutrition in mature and premature infants. Cesk. pediat. 16 no.7/8:676-679 Jl-Ag '61.

1. Ustav normalni a patologicke fysiologie ALV SSSR (reditel: redny clen ALV SSSR prof. V. V. Parin) Laborator vyvojove fysiologie a patologie (vedouci: prof. I. A. Arsavskij)

(INFANT NUTRITION) (INFANT NEWBORN nutrition & diet)
(INFANT PREMATURE nutrition & diet)

ARSHAVSKIY, I.A.

Physiological basis of nutrition of physiologically mature and immature neonates. Vop. pit. 21 no.2:26-33 Mr-Ap '62. (MIRA 15:3)

1. Iz laboratorii vozrastnoy fiziologii i patologii (zav. - prof. I.A. Arshavskiy) Instituta normal'noy i patologicheskoy fiziologii AMN SSSR, Moskva.

(INFANTS (NEWBORN)—NUTRITION)

ARSHAVSKIY, I.A.

"On the mechanism of origin of inhibition in the neuromuscular apparatus in ontogenesis."

Report submitted, but not presented at the 22nd International Congress of Physiological Sciences,
Leiden, the Netherlands 10-17 Sep 1962

ARSHAVSKIY, I.A.

Some comparative ontogenetic data in correlation with the analysis of causes determining the span of life in mammals. Trudy MOIP. Otd. biol. 6:51-69 '62. (MIRA 16:7)

1. Institute of Normal and Pathological Physiology Academy of Medical Sciences of the U.S.S.R., Laboratory of Age Physiology and Pathology.

(LONGEVITY)

ARSHAVSKIY, I.A.; NEMETS, M.G.; SUROVTSEVA, Z.F.

Physiological principles for the antenatal protection of the fetus; substantiation of the prevention of monsters and the physiological immaturity of newborn infants. Vest.AMN SSSR 17 no.11:60-70 '62. (MIRA 16:1)

1. Institut normal'noy i patologicheskoy fiziologii AMN SSSR.
(MONSTERS) (INFANTS (NEWBORN)—MORTALITY) (FETUS)

ARSHAVSKIY, I.A.; ROZANOVA, V.D.

Mechanism of phasic reactions of the heart in dogs during dysentery intoxication at different age periods. Trudy Inst. norm. i pat. fiziol. AMN SSSR no.2:69-81 '58 (MIRA 16:12)

1. Iz laboratorii vozrastnoy patofiziologii (zav. - prof. I.A. Arshavskiy) otdela obshchey i eksperimental'noy patologii (zav. - akademik A.D. Speranskiy) Instituta normal'noy i patologicheskoy fiziologii AMN SSSR.

ARSHAVSKIY, I.A.

Inhibition, stimulation, alteration (anesthesia) in the light of ontogenetic data. Trudy Inst. norm. i pat. fiziol. AMN SSSR 6:38-42 '62 (MIRA 17:1)

1. Laboratoriya vozrastnoy fiziologii i patologii (zav. -prof. I.A. Arshavskiy) Instituta normal'noy i patologicheskoy fiziologii AMN SSSR.

ARSHAVSKAYA, E.I.; ARSHAVSKIY, I.A.

Formation and transformation of reflex motor reactions in ontogeny in connection with the analysis of their importance in each age period. Trudy Inst. norm. i pat. fiziol. AMN SSSR 6: 57-59 '62 (MIRA 17:1)

1. Laboratoriya vozrastnoy fiziologii i patologii (zav. - prof. I.A. Arshavskiy) Instituta normal'noy i patologicheskoy fiziologii AMN SSSR.

ARSHAVSKIY, I.A.; YENIKEYEVA, S.I.

Characteristic features of excitation of the alimentary center in physiologically mature newborn children. Biul. eksp. biol. i med. 54 no.8:7-12 Ag '62.

(MIRA 17:11)

1. Iz laboratorii vozrastnoy fiziologii i patologii (zav. - prof. I.A. Arshavskiy) Instituta normal'noy i patologicheskoy fiziologii (dir. - deystvitel'nyy chlen AMN SSSR V.V. Parin) AMN SSSR.

AR3HAVSKIY, [illegible]A.

Mechanism of the development of coordinated (reciprocal) inhibition in ontogenesis. Nerv. sist. no.4:65-70 '63
(MIRA 18:1)

1. Institut normal'noy i patologicheskoy fiziologii AMN SSSR, Moskva.

"Osobennosti energetiki, dinamicheskaya aktivnost' muskulatury i poverkhnost' tela."

report submitted for 7th Intl Cong Anthropological & Ethnological Sciences, Moscow, 3-10 Aug 64.

ARSHAVSKIY, I.A. (Moskva)

Nikolai Evgen'evich Vvedenskii, (1852-1922) and his scientific legacy. Priroda 53 no. 12:83-86 '64. (MIRA 18:1)

IRZHAK, Lev Isaakovich; ARSHAVSKIY, I.A., prof., otv. red.

[Respiratory function of the blood in the individual development of mammals] Dykhatel'naia funktsiia krovi v individual'nom razvitii mlekopitaiushchikh. Moskva, Izd-vo "Nauka," 1964. 181 p. (MIRA 18:3)

[illegible]

Analys[illegible] of the [illegible] of the [illegible] vagal innervation center of the heart in lower monkeys (Macaca). Biul. eksp. biol. i med. 57 no.4:12-16 Ap '64. (MIRA 18:3)

1. Laboratoriya vozrastnoy fiziologii i patologii (zav. - prof. I.A. Arshavskiy) Instituta normal'noy i patologicheskoy fiziologii (dir. - deystvitel'nyy chlen AMN SSSR V.V. Parin) AMN SSSR, Moskva. Submitted April 28, 1963.

ARSHAVSKIY, I.A.; KHENTOV, R.A.

Characteristics of blood gases in the umbilical vessels of newborn asphyctic infants. Biul. eksp. biol. i med. 57 no.6:30-34 Je '64. (MIRA 18:4)

1. Laboratoriya vozrastnoy fiziologii i patologii (zav. - prof. I.A.Arshavskiy) Instituta normal'noy i patologicheskoy fiziologii (dir. - deystvitel'nyy chlen AMN SSSR V.V.Parin) AMN SSSR Moskva.

ARSHAVSKIY, I.A.; YENIKEYEVA, S.I.

Characteristics of ontogenetic changes in the resistance of the heart depending on variations in properties of the neural regulation of its activity. Vop. geren. i geriat. 4:33-40 '65.
(MIRA 18:5)

1. Laboratoriya vozrastnoy fiziologii instituta normal'noy i patologicheskoy fiziologii AMN SSSR, Moskva.

ARSHAVSKIY, I.A.

Mechanisms of the formation of inhibition in ontogeny. Trudy Inst. norm.i pat.fiziol. AMN SSSR 7:12-13 '64.

Problem of lability in the light of physiological ontogenic data. Ibid.:14-15 (MIRA 18:6)

1. Laboratoriya vozrastnoy fiziologii i patologii (zav. - prof. I.A.Arshavskiy) Institut normal'noy i patologicheskoy fiziologii AMN SSSR.

ARSHAVSKIY, I.A.

Comparative studies on the role of hemotrophic and amniotrophic forms of nutrition in antenatal development of the organism. Biul. eksp. biol. i med. 59 no.2:29-32 F '65. (MIRA 18:7)

1. Laboratoriya vozrastnoy fiziologii i patologii (zav. - prof. I.A. Arshavskiy) Instituta normal'noy i patologicheskoy fiziologii (dir. - deystvitel'nyy chlen AMN SSSR prof. V.V. Parin) AMN SSSR, Moskva.

ARSHAVSKIY, I.A.

Aleksei Alekseevich Ukhtomskii, 1775- ; on his 90th birthday.
Vest. LGU 20 no.15:5-14 '65. (MIRA 18:9)

ARSHAVSKIY, I.E.; MITROFANOV, Yu.M.; KVACHEV, I.F.

Construction of the Krasnaya Presnya Viaduct in Moscow.
Transp.stroi. 10 no.7:17-21 Jl '60. (MIRA 13:7)

1. Glavnyy inzhener proyekta Giprotransmosta (for Arshavskiy).
2. Nachal'nik tekhnicheskogo otdela Mostotresta (for Mitrofanov).
3. Nachal'nik mostopoyezda No.421 ordena Lenina Mostotresta (for Kvachev).
(Moscow--Viaducts)

ARSHAVSKIY, M.

Results of the lack of control. Fin.SSSR 37 no.4:77 Ap '63.
(MIRA 16:4)

1. Nachal'nik sledstvennogo otdela Prokuratury Tyumenskoy oblasti.

(Abatskiy District—Embezzlement)

DMITRIYEVSKIY, S. (Leningrad); YEZHOVA, D. (Leningrad); ARSHAVSKIY, M., sovetsnik yustitsii (Tyumen'); GALKYEV, A.

Editor's mail. Sov. torg. 36 no.3:42-43 Mr '63. (MIRA 16:3)

1. Nachal'nik Zheleznodorozhnogo upravleniya rabochego snabzheniya Yuzhno-Ural'skoy zheleznoy dorogi, Chelyabinsk.
(Retail trade) (Railroads—Dining-car service)

[illegible], M.Ya.; [illegible], S.M.; [illegible], L.I.; RUBINSHTEYN, Yu.Ye.; SKORKIN, N.V.; ARCHANSKIY, M.I.; FIN'ZHAKOV, G.F.

Results of a year's operation and investigation of an oxygen-blown converter with a 100 ton (Mg) capacity. Stal' 25 no.6: 508-511 Je '65. (MIRA 18:6)

1. Yuzhno-Ural'skiy mashinostroitel'nyy zavod i Nizhne-Tagil'skiy metallurgicheskiy kombinat.

[illegible], M.Ya.

Not that way. Transp. stroi. 14 no.6:61 Je '64.

(MIRA 18:2)

1. Nachal'nik sledstvennogo otdela prokuratury Kuybyshevskoy oblasti.

REGEMENSKIY, I.M., kand.tekhn.nauk; ARSHAVSKIY, M.Ye., inzh.

Standardization of technological processes and multiple machining in lot and small-lot production. Vest.mashinostr. 43 no.3:48-54 Mr '63. (MIRA 16:3)

(Industrial management)

BAYLEYEV, A.M.; PONAREV, N.M.; SHISHLYAKOV, A.V.; PENKIN, N.F.; ARKHAVSKIY, S.L.; SADOV, I.Ya., red.; VERINA, O.P., tekhn. red.

[Automatic locomotive signaling with continuous automatic stop according to the system developed by the Central Scientific Research Institute] Avtomaticheskaia lokomotivnaia signalizatsiia s nepreryvnym avtostopom sistemy TSNII. Moskva, Gos. transp. zhel-dor. izd-vo, 1952, 190 p. (Moscow. Vsesoiuznyi nauchno-issledovatel'skii institut zheleznodorozhnogo transporta. Trudy, no.52). (MLRA 11:6)
(Railroads--Signaling)
(Railroads--Automatic train control)

ARSHAVSKIY, S.L.; BRYLEYEV, A.M.; MOZHAYEV, S.S.; SHISHLYAKOV, A.V.; CHERDYNTSEV, N.M., redaktor, inzhener; BORROVA, Ye.N., tekhnicheskiy redaktor.

[Automatic locomotive signaling of the continuous type having speed control developed by the Central Scientific Research Institute] Avtomaticheskaia lokomotivnaia signalizatsiia nepreryvnogo tipa s kontrolem skorosti sistemy TsNII. Moskva, Gos. transp. zhel-dor. izd-vo, 1957. 136 p. (Moscow. Vsesoiuznyi nauchno-issledovatel'skii institut zheleznodorozhnogo transporta. Trudy no.136). (MLRA 10:9)

(Railroads--Automatic train control)

ARSHAVSKIY, S.L., insh.

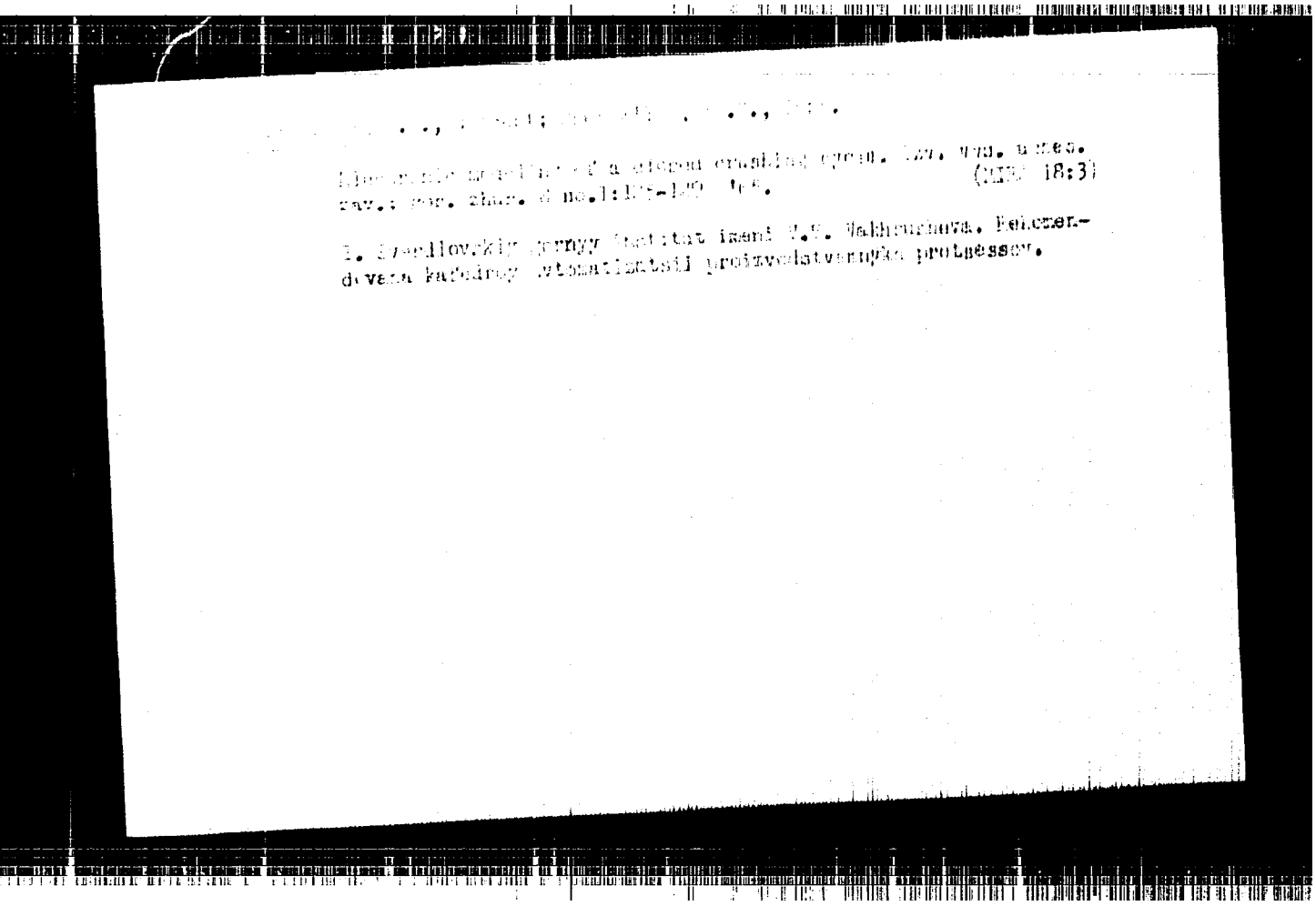
Modernized speedometer type SL-2M. Avtom., telem. i sviaz' 2 no.2: 7-12 F '58. (MIRA 11:1)

(Railroads--Equipment and supplies)

ARSHAVSKIY, V.

Misguiding the instinct. Znan .sila 36 no.3:22 Mr '61. (MIRA 14:3)

1. Nauchnyy sotrudnik ugolka imeni V.L. Durova.
(Animals, Training of)



TOLMASSKAYA, E.S.; DYKMAN, L.M. [deceased]; ARSHAVSKIY, V.V.

Mechanism of the action of reserpine. Trudy Gos. nauch.-issl. inst. psikh. 42:129-138. '65. (MIRA 18:9)

1. Otdeleniye patofiziologii vysshey nervnoy deyatel'nosti (zav.- prof. E.S. Tolmasskaya) i laboratoriya elektrofiziologii Gosudarstvennogo nauchno-issledovatel'skogo instituta psikhiatrii Ministerstva zdravookhraneniya RSFSR.

TOLMASSKAYA, Z.S.; ARSHAVSKIY, V.V.

Electrophysiologic analysis of the central effect of reserpine.
Zhur. nevr. i psikh. 64 no.6:903-910 '64. (MIRA 17:12)

1. Laboratoriya elektrofiziologii (zaveduyushchiy - prof. Z.S. Tolmasskaya) Instituta psikhiatrii (direktor - prof. D.D. Fedotov) Ministerstva zdravookhraneniya RSFSR, Moskva.

FILIPPOV, I.N., kand. tekhn. nauk; OUNIN, I.V.; ARSHAVSKIY, V.P.

Causes restricting the development of the production of economical shapes. Met. i gornorud. prom. no.1:39-40 Ja-F '64. (MIRA 17:10)

ACC NR: AP6035654 (A) SOURCE CODE: UR/0133/66/000/011/1028/1029

AUTHOR: Kazarnovskiy, D. S. (Professor, Doctor of technical sciences); Gunin, I. V. (Candidate of technical sciences); Krivono ov, Yu. I. (Candidate of technical sciences); Kravtsova I. P. (Candidate of technical sciences); Kh. M. (Candidate of technical sciences); Shatverikov, A. V. Arshavskiy, V. Z. (Candidate of technical sciences); Orinichev, ? I. (Engineer) (Engineer); Mogilevskiy, I. I. (Engineer)

ORG: none

TITLE: Production technology for high-strength rails

SOURCE: Stal', no. 11, 1966, 1028-1029

TOPIC TAGS: high strength steel, metal cladding, railway track, bimetal, hot rolling/M75K steel, G13 steel, Rk5 steel, St.5 steel

ABSTRACT: An investigation had been made to develop a process for producing bimetallic rails, i.e. rails with a high-strength steel head. St.5 steel billets clad with M75K, G13, or Rk5 alloy steels were hot-rolled into 100 x 150 mm bars which, after reheating, were rolled into R-18 type rails. Rails with arc-deposited cladding had the highest bond strength and the most satisfactory surface quality. With M75K or Rk5-steel cladding, satisfactory results were obtained with cast composite

Card 1/2 UDC: 621.771.26

ACC NR. AP6035654

or pack-rolled billets. Rails with Cl3 steel cladding as unsatisfactory properties. Orig. art. has: 3 figures.

SUB CODE: 13/ SUBM DATE: none

Card 2/2

ARSHAVSKIY, V.Z., kand.; TSUKANOV, V.Ye., inzh.

Some factors affecting the conditions of metal deformation in I-passes in the rolling of heavy railroad rail. Stal' 24 no.9: 821-824 S '64. (MIRA 17:10)

1. Ukrainskiy nauchno-issledovatel'skiy institut metallov i zavod "Azovstal'".

[illegible], V.Z.; [illegible] SHAO TSZYA [[illegible]]; [illegible], M.G.; GUN[illegible], [illegible]; SHERTGIN, Kh.N.

Knurling of blooming mill rolls and its influence on the quality of the rolls. Met. i gornorud. prom. no.4:43-44 Jl-Ag '64. (MIRA 18:7)

ARSHAVSKIY, V.Z.; ALEKSANDROV, L.A.; TSYAN-SHAO-TSZYA [Chiang Shao-chia]

Metal jamming during the process of rolling in T-grooves and its effect on the amount of deformation of the main elements of a rail section. Sbor. trud. UNIIM no.11:138-149 '64.
(MIRA 18:11)

ARSHAVSKIY, Yu.I.; BERKINBLIT, M.V.; KOVALEV, S.A.

Periodic rhythm transformation in single nerve fibers. Biofizika 7 no.4:449-459 '62. (MIRA 15:11)

1. Institut biologicheskoy fiziki AN SSSR, Moskva, i Moskovskiy gosudarstvennyy pedagogicheskiy institut imeni Lenina.
(NERVES) (PERIODICITY)

ARSHAVSKIY, Yu.I.; BERKINBLIT, M.B.; KOVALEV, S.A.

Place of the appearance of transformation rhythm in the nerve fiber with artificially produced inhomogeneity. Biofizika 7 no.5:619-623 '62. (MIRA 17:8)

1. Institut biologicheskoy fiziki AN SSSR, Moskva.

S/907/62/000/169/001/001
B144/B186

AUTHOR: Arshavskiy, Yu. I.

TITLE: Effect of temperature changes on the respiration of isolated frog's nerves

SOURCE: Moscow. Gosudarstvennyy pedagogicheskiy institut. Uchenyye zapiski. no. 169. 1962. Voprosy fiziologii nervnoy sistemy. 165-174

TEXT: As a continuation of earlier studies (Biofizika, III, no. 2, 152 (1958)) on the effect of temperature upon the rest potential of nerves, the respiration rate was investigated in isolated sciatic nerve tissue of frogs on cooling from room temperature to ~12.5°C or to ~5.5°C. The apparatus used was a Tunberg-Winterstein microrespirometer in the form of F. O. Schmitt's modification, located in a thermostat. The oxygen absorption was calculated from $V_o = V(P - b) \cdot 273/760(273 + t^o)$, where V_o is the normal gas volume, V the gas volume measured in the test, P the

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atmospheric pressure, and b the water vapor pressure at the test temperature ($t^{\circ}C$). The isolated tissue was kept for 1 hr in Ringer's solution before being put into the respirometer. As soon as the equilibrium between thermostat and respirometer was established after a temperature change (15 - 20 min), the respiration rate was measured for 1 to 1.5 hr. Then the vitality of the nerve tissue was tested oscillometrically, and finally the tissue was wetted and weighed so that the oxygen consumption per gram of moist weight could be calculated. The existence of "spontaneous" motions of the kerosene drop suspected by other authors was refuted by control tests. The average O_2 consumption rate of 64 mm^3 per gram of moist weight is in close agreement with the results of previous authors. The maximum difference between the respiration rate in the 1st and the 5th hour was -18%. Cooling of the nerve tissue effected a reduction of the respiration rate. The linear dependence detected between these two factors proves that the temperature coefficient increases on transition from higher to lower temperatures. For measurements at 10 min intervals, the mean values of Q_{10} were 2.07 after moderate and 2.46 after strong cooling. There are 5 figures and 2 tables.

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Effect of temperature changes on the ... S/907/62/000/169/001/001
B144/B186

ASSOCIATION: Moskovskiy gosudarstvennyy pedagogicheskiy institut imeni V. I. Lenina (Moscow State Pedagogical Institute imeni V. I. Lenin)

Card 3/3

ARSHAVSKIY, Yu.I.; BERKINBLIT, M.B.

Somatotopic distribution of induced potentials in the paramedial lobe of the cerebellum. Fiziol.zhur. 50 no.4:418-425 Ap '64. (MIRA 18:4)

1. Institut biologicheskoy fiziki AN SSSR, Moskva.

ACCESSION NR: [illegible] UR/0217/65/010/004/0665/0672

[illegible] 24

AUTHOR: [illegible] ...vskiy, S. [illegible]; ...ofeeva, [illegible] K.; Shik, [illegible]

TITLE: [illegible] running in dogs

SOURCE: Biofizika, v. 10, no. 4, 1965, 665-672

TOPIC TAGS: motion mechanics, animal physiology

ABSTRACT: The authors investigated the kinematics (trajectory of hinge joints, phases of support and transfer of extremity) of dogs running on a treadmill at speeds ranging from 1 1/7 to 13 km/hour. The cycle of each joint was found to have an area (transfer phase) whose trajectory is virtually constant regardless of the speed at which the animal runs. [illegible] shifting by the animal in relation to the support during the running [illegible] is affected by the speed. The coordination of movements [illegible] of an extremity is more or less constant at all [illegible] between the symmetrical extremities and the [illegible] the speed of running. There are standard

Card 1/2

L 62518-65
ACCESSION NR: AP5018800

elements and elements varying with the speed in the kinematic picture. Only two parameters are significantly dependent on the speed. It is hereby concluded possible to run at different speeds with a change in fewer parameters. "The authors are grateful to I. M. Gel'fand, B. S. Gurfinkel', I. I. Pyatetskiy-Shapiro, and M. L. Tsetlin for their interest in this work and for valuable advice." Orig. art. has: 5 figures.

ASSOCIATION: Institut biologicheskoy fiziki AN SSSR, Moscow (Institute of Biophysics, AN SSSR)

SUBMITTED: 14Jan65 ENCL: 00 SUB CODE: LS

NO REF SOV: 004 OTHER: 004

Card 2/2

ARSHAVSKIY, Yu.I.; BERKINBLIT, M.B.; KOVALEV, S.I.; [illegible]LYANINOV, V.V.; CHAYLAKHYAN, L.M.

Role of dendrites in the functioning of nerve cells. Dokl. AN SSSR 163 no.4:994-997 Ag '65. (MIRA 18:8)

1. Institut biologicheskoy fiziki AN SSSR. Submitted August 22, 1964.

ARSHAVSKIY, Yu.I.; BERKINBLIT, M.B.; DUNIN-BARKOVSKIY, V.L.

Distribution of impulses in a ring of stimulated tissue.
Biofizika 10 no.6:1048-1054 '65. (MIRA 19:1)

1. Institut biologicheskoy fiziki AN SSSR, Moskva. Submitted July 5, 1965.

L 31221-66

ACC NR: AP6022785 SOURCE CODE: UR/0217/65/011/001/0134/0142

AUTHOR: Arshavskiy, Yu. I.; Chaylakhyan, L. M.

ORG: Institute of Biological Physics, AN SSSR, Moscow (Institut biologicheskoy fiziki AN SSSR) 58 B

TITLE: Mechanism of the effect of direct current on induced potentials of the cerebellum

SOURCE: Biofizika, v. 11, no. 1, 1966, 134-142

TOPIC TAGS: experiment animal, direct current, electric potential, cerebellum, electrophysiology, neurology, reflex activity, neuron, nervous system, bioelectric phenomenon

ABSTRACT: The effects of a direct current of 25-1,000 milliamperes on induced potentials of the paramedian region of the cortex of the cat cerebellum were studied. A direct current passed upwards (plus at the surface of the cortex) decreased the positive phase and greatly increased the negative phase of a local response (the bioelectric reaction to irritation of the common radial nerve), while increasing a diffuse response arising on irritation of the tibial nerve. A direct current passed downwards increased the positive phase and reduced the negative phase of the local response, while reducing the diffuse response. Passage of a direct current can be applied as a means of increasing weak responses of nerve tissue to various types of stimuli, so that these responses can be detected. This method ought to be particularly effective for structures with an arbitrary orientation of neurons. The data obtained indicated that the polarization effect occuring in connection with the generation of an induced potential must be ascribed to changes in the resistance of nerve tissue.

The authors thank V. B. Petryayevskaya for technical help and M. B. Berenblit, A. L. Byzov, E. A. Liberman, and Yu. A. Trifonov for their helpful discussion of the work.

Orig. art. has: 6 figures. [JPRS]

Card 1/1 SUB CODE: 06/SUBM DATE: 20Aug65/ORIG REF: 008/ OTH REF: 014 FLG

0925 0959

ACC NR: AP6022949 SOURCE CODE: UR/0219/66/001/003/0008/0012

AUTHOR: Arshavskiy, V. V.

ORG: Laboratory of Electrophysiology/headed by Professor E. S. Tolmachevskaya/, Scientific Research Institute of Psychiatry/directed by Professor D. D. Fedotov/, Ministry of Health RSFSR, Moscow (Laboratoriya electrofiziologii Nauchno-issledovatel'skogo instituta psikhiatrii Ministerstva zdravookhraneniya RSFSR)

TITLE: Effect of aminazin on origination of primary responses in the cerebral cortex

SOURCE: Byulleten' eksperimental'noy biologii i meditsiny, v. 61, no. 3, 1966, 8-12

TOPIC TAGS: cerebral cortex, experiment animal, drug effect, neurology, EEG, bioelectric phenomenon, muscle physiology

ABSTRACT: A comparison is made between changes in the primary cortical responses under the effect of aminazine upon stimulation by somatic and by visceral nerves. The experiments were performed on cats, rabbits, and hares. The animals were placed under nembutal-chloral narcosis (30 and 20 mg/kg of bodyweight, respectively). In several experiments in which the animals were immobilized with flexidyl, artificial respiration was used. Single square-wave pulses 1 microsecond long and 1 to 15 volts in amplitude were applied to the central ends of the splanchnic and sciatic nerves. Registration was made with a cathode oscillograph connected to the second cascade of the Alvar

Card 1/2 UDC: 615.786-092.259:612.825

Company electroencephalograph. The responses were recorded only from the contralateral hemisphere.

In the cats, response to stimulation of the sciatic nerve appeared in both the I and II zones of the skin-muscle sensitivity: in zone I the latent period was 8-10 milliseconds, amplitude of the positive phase 100-150 microvolts, and negative phase — 100-120 microvolts, length of positive phase 10-15 microseconds, and length of negative phase — 15-20 milliseconds. Similar data was given for other animals, relevant for both zones. This paper was presented by Active Member AMN SSSR V. V. Parin. Orig. art. has: 2 figures. [JPRS]

SUB CODE: 06 / SUBM DATE: 03Apr64 / ORIG REF: 007 / OTH REF: 005

BURDZHANADZE, O.I.; AKHMETELI, T.I.; ARSHBA, L.K.

Oxyhemometric indices in lung resection. Trudy Inst.eksp.i klin. khir. i gemat. AN Gruz.SSR 10:143-147 '62. (MIRA 16:2)
(LUNGS--SURGERY) (BLOOD--OXYGEN CONTENT)

BURDENKO, O.I.; ARSHBA, L.K.; KAKHIDZE, G.V.

Effect of lung resection on the gaseous composition of the blood. Trudy Inst.eksp.i klin.khir.i gemat. AN Gruz.SSR 10:149-152 '62. (MIRA 16:2)

(LUNGS--SURGERY) (BLOOD, GASES IN)

YASINSKIY, A.V.; ARSKIY, V.G.; BAK, R.G.; LAZEYEVA, A.F.

System of measures for sanitation in sections with an increased dysentery incidence in Dushanbe. Zdrav.Tadzh. 9 no.3:32-36 My-Je '62. (MIRA 15:8)

(DUSHANBE--DYSENTERY)

USSR / Human and Anim. Physiology (Normal and Pathological). T-4
Blood.

Abs Jour : Ref Zhur - Biologiya, No 13, 1958, No. 60272

Author : Arshavskiy, M. Ya.
Inst : Moscow Veterinary Academy
Title : Analysis of Changes in the Heart and Breathing Rhythm in the Postnatal Ontogenesis of Cattle

Orig Pub : Sb. nauchn. rabot stud. Mosk. vet. akad., 1956, Vyp. 3, 116-124

Abstract : The animals were examined by auscultation and EKG. The EKG of embryos within the cows' uterus gave only information on the frequency of heart beats (B): 100 - 120 per minute. Right after birth, the B frequency in calves is, on the average, 145, and breathing, 56 per minute; in most of them, atropine did not increase the frequency of B. On the 6 - 11th day, the B frequency was, on the

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[illegible]VSKIY, V.V., nauchnyy sotrudnik; PYATKIN, Ye.N., veterinar

Rosen's test for the determination of ketone bodies in toxemia in cattle. Veterinariia 36 no.7:77-79 Jl '59. (MIRA 12:11)

1. Belashovskaya sel'skokhozyaystvennaya opytnaya stantsiya (for Arshavskiy). 2. Kaliningradskaya nauchno-issledovatel'skaya veterinarnaya stantsiya (for Pyatkin).

(Cattle--Diseases and pests) (Toxemia)

ARSHAVSKIY, Yu. I.: Master Biol Sci (diss) -- "The effect of temperature changes on the physiological properties of nerve". Moscow, 1958. 16 pp (Moscow City Pedagogical Inst im V. P. Potemkin, Chair of the Physiology of Man and Animals), 150 copies (KL, No 2, 1959, 119)

USSR/Human and Animal Physiology - Nerve and Muscle Physiology. T

Abs Jour : Ref Zhur Biol., No 3, 1959, 13147

Author : Arshavskiy, Yu.I.
Inst : -
Title : Influence of Temperature on Potential of Dormancy of Nerves of the Frog

Orig Pub : Biofizika, 1958, 3, No 2, 152-160

Abstract : With moderate chilling of the entire sciatic nerve the potential of dormancy (PD) was gradually raised to 0.1-1.0 mv. With further decrease of the temperature to 8 - 11 degrees below room temperature the phase of lowering of the PD began (to 1 - 1.5 mv from the original level). In experiments with local chilling of a section of the nerve there were analogous biphase changes in the PD. In experiments on the nerves with the blood supply preserved, the character of the changes in PD found in the organism with chilling were essentially

Card 1/2

the same as in the isolated nerve but only more pronounced. Treatment of the nerve with 0,011 M of a solution of monoiodoacetate caused a disappearance of the first phase of changes in PD and a greater emphasis on the second phase.

ARSHAVSKIY, Yu.I.

Effect of temperature on the action potential of the frog nerve [with summary in English]. Biofizika 3 no.6:671-679 '58. (MIRA 12:1)

1. Moskovskiy gorodskoy pedagogicheskiy institut im. Potemkina.
(NERVES, physiol.
eff. of temperature on action potential (Rus))
(TEMPERATURE, eff.
on nerve action potential (Rus))

ARSHAVSKIY, Yu.I. (Moskva)

Role of metabolism in the generation of bioelectric potentials.
Fiziol. zhur. 46 no. 4:462-76 Ap '60. (MIRA 13:10)
(METABOLISM) (ELECTROPHYSIOLOGY)

ARSHAVSKIY, Yu.I.

Effect of changes in temperature on the respiration of isolated nerves of a frog. Uch. zap. MGPI 169:165-174 '62. (MIRA 17:5)

ARSHBA, S. Ya.

ARSHBA, S. Ya.: "The clinical-experimental basis for the operation of gastric resection in ulcerous disease." First Leningrad Medical Inst imeni Academician I. P. Pavlov. Sukhumi, 1956
(Dissertation for the Degree of Doctor in Medical Sciences)

So: Knizhnaya Letopis', No 17, 1956

DGEBUADZE, V.A.; SIGUA, A.N.; CHANISHVILI, Ye.D.; ARSHBA, S.Ya., kand. med.nauk, red.; SICHINAVA, G.N., kand.med.nauk, red.; PISHCHIK, M.S., tekhred.

[Handbook of new medicines and their use in therapy] Spravochnik novykh lekarstvennykh preparatov i ikh vrachebnoe primenenie; vypiski. Sukhumi. Pt. 1. 1956. 109 p. (MIRA 12:4)
(PHARMACOLOGY)

ANSHBA, S.Ya., doktor med.nauk

Splenectomy to some diseases of the blood system. Sbor. trud. Med. nauch. ob-vo Abkh. 2:3-10 '59. (MIRA 14:10)
(BLOOD--DISEASES) (SPLEEN--SURGERY)

ARSHBA, S.Ya., doktor med.nauk

Treatment of acute pancreatitis. Sbor. trud. Med. nauch. ob-vo Abkh. 2:11-16 '59. (MIRA 14:10)

(PANCREAS--DISEASES)

Dissertation: Clinical and experimental basis for resection operations of the stomach in cases of ulcers

Degree: Doc Med Sci

Affiliation: [Not indicated]

Defense Date, Place: 7 May 56, Council of First Leningrad Med Inst imeni Pavlov

Certification Date: 19 Oct 57

Source: BMVO 23/57

IRIVCHENKO, Grigoriy Izrailevich; ARSHINEVSKIY, Nikolay Nikolayevich; KLABUKOV, Viloriy Mikhaylovich; MAK'YANSKIY, L.P., red.; LARIONOV, G.Ye., tekhn.red.

[Control of adjustable-blade hydraulic turbines] Reshim regulirovaniia povorotnolopastnykh gidroturbin. Moskva, Gos. energ.izd-vo, 1960. 125 p. (MIRA 14:3)
(Hydraulic turbines)

KRIVCHENKO, G.I., dotsent, kand.tekhn.nauk; ARSHENEVSKIY, N.N., inzh.

Distribution of pressures in the runners of an adjustable-blade hydraulic turbine and axial hydrodynamic stresses. Sbor. trud. MISI no.35:59-66 '61. (MIRA 14:9)

(Hydraulic turbines)

ARSHENEVSKIY, N.N., inzh.

Calculation of transient processes in adjustable blade hydraulic turbines. Sbor. trud. MISI no.35:66-73 '61. (MIRA 14:9)
(Hydraulic turbines)

ARSHENEVSKIY, N.N., inzh.; KLABUKOV, V.M., inzh.; KRIVCHENKO, G.I., dotsent, kand.tekhn.nauk

Results of testing the load dropping potential of turbine units at the Irkutsk Hydroelectric Power Station. Shor. trud. MIIT no.35: 49-59 '61. (MIRA 14:9)
(Hydraulic turbines) (Irkutsk Hydroelectric Power Station)

[redacted], N.N.

"An Investigation of the Work of Rotary Blade Hydroturbines at Unsteady Rates";

dissertation for the degree of Candidate of Technical Sciences (awarded by the Timiryazev Agricultural Academy, 1962)

(Izvestiya Timiryazevskoy Sel'skokhozyaystvennoy Akademii, Moscow, No. 2, 1963, pp 232-236)

ARSHENEVSKIY, Yu.

Aspects of automation and mechanization in the Arctic. Mor. flot 18 no.11:17-20 N '58. (MIRA 11:12)

1.Glavnyy insh. Glavsevmorputi Ministerstva morskogo flota.
(Arctic regions---Meteorology, Maritime)

ARSHENEVSKIY, Yu.

Means of transportation of Soviet Antarctic Expeditions.
Mor. flot 22 no.3:42-45 Mr '62. (MIRA 15:2)

1. Glavnyy inzh. Glavnogo upravleniya Severnogo Morskogo Puti Ministerstva morskogo flota.
(Antarctic regions—Russian exploration)
(Transportation—Equipment and supplies)

APSHENEVSKIY, Yu.

Long-term forecasting and arctic navigation. Mor. flot 23 no.10:18-19 O '63. (MIRA 16:10)

1. Glavnyy insh. Glavnogo upravleniya Severnogo morskogo puti Ministerstva morskogo flota.
(Weather forecasting) (Arctic regions—Navigation)

ARSHINKOV, I.; MARKOV, D.

Tetanus following excision biopsy. Suvr. med.(Sofia) 15 no.5:32-33 '64

S/081/61/000/021/021/094
B101/B147

AUTHORS: Charnorechki, O. St., Arshinkov, I St.

TITLE: Preparation of γ-Fe_2O_3 with highly ferromagnetic properties

PERIODICAL: Referativnyy zhurnal. Khimiya, no. 21, 1961, 73, abstract 21V14 (Dokl. Bolg. AN, v. 13, no. 2, 1960, 171 - 174)

TEXT: A method of preparing γ-Fe_2O_3 from Fe(II) oxalate in a single operation is described. The conditions for the thermal treatment of the γ-Fe_2O_3 and the industrial prospects of the method suggested were investigated. [Abstracter's note: Complete translation.]

Card 1/1

PESHEV, P.D. [Peshev, P.D.]; ZARNOWITSCHKI, O. St. [Tsyrnorechki O.St.]; ARSHINKOV, Iw.St. [Arshinkov, Iv.St.]

Preparation of needle-forming gamma iron oxides. Doklady BAN 15 no.1:53-56 '62.

1. Wissenschaftliches Forschungsinstitut für Kinematographie und Radio. Vorgelegt von Akademiemitglied R.Kaischew [R. Kaishev].

S/260/62/000/010/00 /002
I007/1207

AUTHOR: Ts''rnorechki, O. and Arshinkov, I. V.

TITLE: Methods for obtaining ferric oxide (γ-Fe_2O_3) of high ferromagnetic properties

PERIODICAL. Referativnyy zhurnal, otdel'nyy vypusk. 40. Pribory tochnoy mekhaniki i ispytatel'nyye ustanovki, no. 10, 1962, 3, abstract 40.10.17. "Izv. N.-i. in-t kinematogr. radio", v. 1 1960, 137–152 [Bulgarian].

TEXT: Description is given of methods for obtaining ferromagnetic materials used as sound-carriers in the manufacturing of sound-recording tapes. By subjecting ferric oxalate ($FeC_2O_4.2H_2O$) to a one-stage heat treatment, ferric oxide (γ-Fe_2O_3) of high ferromagnetic properties is obtained.

[Anstracter's note: Complete translation.]

Card 1/1

ARSHINNIKOVA, N.V. [Arshynnikova, N.V.]

Calculating the strength of knit fabrics. Leh. prom. no.3:61-63 Jl-S '65. (MIRA 18:9)