

DRAGOMIRETSKIY, G.A., kand.med. nauk (Odessa)

Cooperation of the ophthalmological institute with the public
health bodies and medical institutions. Sovet. zdravookhr. 5:
54 '63 (MIRA 17:2)

DRAGOMIRETSKIY, G.A., kand.med.nauk

Interprovincial Scientific Conference of Ophthalmologists of
Transcarpathian, Lvov, Stanislav and Chernovtsy Provinces.
Oft. zhur. 16 no.7:443-447 '61. (MIRA 14:12)
(OPHTHALMOLOGY...CONGRESSES)

124-58-9-9900

Translation from: Referativnyy zhurnal, Mekhanika, 1958, Nr 9, p 61 (USSR)

AUTHOR: Dragomiretskiy, V. B.

TITLE: Experimental Model-basin Investigation of Hull Shapes for Sea-going Barges (Eksperimental'noye issledovaniye form korpusov morskikh barzh v opytovom basseyne)

PERIODICAL: Nauchn. tr. Odessk. in-t inzh. morsk. flota, 1957, Nr 13, pp 164-185

ABSTRACT: Presentation of the results of an experimental investigation on the influence of the ratios of the fundamental dimensions of sea-going barges on their resistance for a given payload capacity (300-400 tons), that is, allowing for changes in the weight of the barge hull. A series of five barge models was tested, with length/beam ratios ranging from $L/B=4.62$ to 6.29 , beam/draft ratios, B/D from 2.78 to 3.55 , "slenderness coefficients" $L/V^{1/3}$ [cube root of the reciprocal of the "volumetric coefficient", V/L^3 , used by U. S. Naval architects. Transl. Ed. Note] from 4.45 to 5.42 (where V is the ship's volume of displacement), an overall fullness coefficient δ from 0.734 to 0.800 , and a fullness coefficient at the midship section

Card 1/2

124-58-9-9900

Experimental Model-basin Investigation of Hull Shapes for Sea-going Barges

$\beta = 0.973$ and 0.982 . Models with an approximate scale of 1:10.5 were tested with a wire-mesh turbulence screen at speeds corresponding to full-scale speeds ranging from 5 to 7.5 knots. The test results are represented by curves of the coefficients of overall resistance, the coefficients of residual resistance, and the coefficients of the specific resistance (per ton of water displacement), plotted for various Reynolds numbers and Froude numbers. The frictional resistance coefficient is determined according to the Prandtl-Schlichting formula with a roughness increment $\xi = 0.7 \times 10^{-3}$. On the strength of the analysis of the test results on the series of models recommendations are offered relative to the selection of optimal ratios of the principal dimensions of sea-going barges. Bibliography: 6 references.

D. A. Chumak

1. Barges--Design
2. Barges--Model test results
3. Model basins--Applications

Card 2/2

DRAGOMIRETSKIY, V.B., kandidat tekhnicheskikh nauk.

Method of evaluating the weight capacity of seagoing bulk load
barges. Sudostroenie 23 no.4:8-9 Ap '57. (MLBA 10:5)
(Ships--Cargo) (Barges)

DRAGOMIRETSKIY, V.B., kand. tekhn. nauk.

Method of designing the principle elements of seagoing barges to be
used for carrying dry cargoes. Sudostroenie 24 no.11:13-16 N '58.
(MIRA 12:1)

(Barges)

DRAGOMIRETSKIY, V.B.

Correlation between coefficients of displacement of tank vessel
hulls. Sudorem. i sudostr. no.2:113-126 '63. (MIRA 17:4)

1. Odesskiy institut inzhenerov morskogo flota.

DRAGOMIRETSKIY, V.B.

Shipbuilding handbook; vols. 1, 4, 5. Sudorem, i sudostr.
no.2:219 '63.

(MIRA 17:4)

DRAGOMIRETSKIY, V.B., kand. tekhn. nauk

Coefficients of displacement of tanker hulls. Suipatzenie
30 no.5:9-11 My '64. (MIRA 17:6)

DRAGOMIRETSKIY, V. D.

DRAGOMIRETSKIY, V. D. -- "Experimental Investigation of Neurotrophic Disturbances in the Tissues of the Nose." Odessa State Med Inst imeni N. I. Pirogov, Odessa, 1955. (Dissertation For the Degree of Candidate in Medical Sciences).

SO: Knizhnaya letopis'. No. 37. 3 September 1955

DRAGOMIRETSKIY, V. D. and DEYNEKA, I. Ya. (Prof)

"Investigation of the Functional State of the Thyroid Gland in Goiter With the aid of Radioactive Iodine", a report presented at the Scientific Conference Devoted to the Application of Radioactive Substances in Medicine, Odessa Medical Institute, December 1954, Arkhiv, Patol., No. 2, 1956

DRAGOMIRETSKIY, V. D.

"Effects of the Resection of the Trifacial Nerve on the Permeability of the Tissues of the Nose and the Absorbent Property of the Medulla Oblongata," a report presented at the Scientific Conference Devoted to the Application of Radio-active Substances in Medicine, Odessa Medical Institute, December 1954, Arkhiv, Patol., No. 2,, 1956

Abstract:

The author stated that after resection of the trifacial nerve the permeability of the nasal mucous membrane on the side of the operation increases in the majority of the experimental animals as compared with the opposite side. Furthermore, there is an increase in the sorption of P^{32} by the medulla oblongata, principally on the side of the resection of the nerve. This, in the opinion of the author, testifies to changes of metabolism in the nerve cells as a result of injury inflicted on the corresponding afferent nerves.

EXCERPTA MEDICA Sec.11 Vol.10/6 Oto-Rhino-Laryngo Jun57
DRAGOMIRETSKIY V.D.

1089. DRAGOMIRETSKIY V.D. * The permeability of the nasal tissue and the leucocyte immigration on the surface of the mucous membrane in cases of disturbance of the sensory innervation (Russian text) ARKH. PATOL. 1956, 18/5 (55-62)
Graphs 2 Tables 2

The vascular permeability of the nasal mucous membrane was tested in 22 rabbits and cats with radioactive P^{32} ; in 14 animals, the trigeminus had first been cut. The animals were killed 1-48 hr. after the i.p. administration of P^{32} . The nasal mucous membrane was detached from the bone, minced and spread over a standardized filter paper. Then its radioactivity was determined. Normally, the P^{32} content is the same on either side; in cases of previous sectioning of the trigeminus, it is higher on the side that has been operated on. There is also an immigration of leucocytes on this side. From this it is concluded that the nervus trigeminus plays a great part in the trophicity of the nasal tissue. Brandt - Berlin (XI, 1, 2)

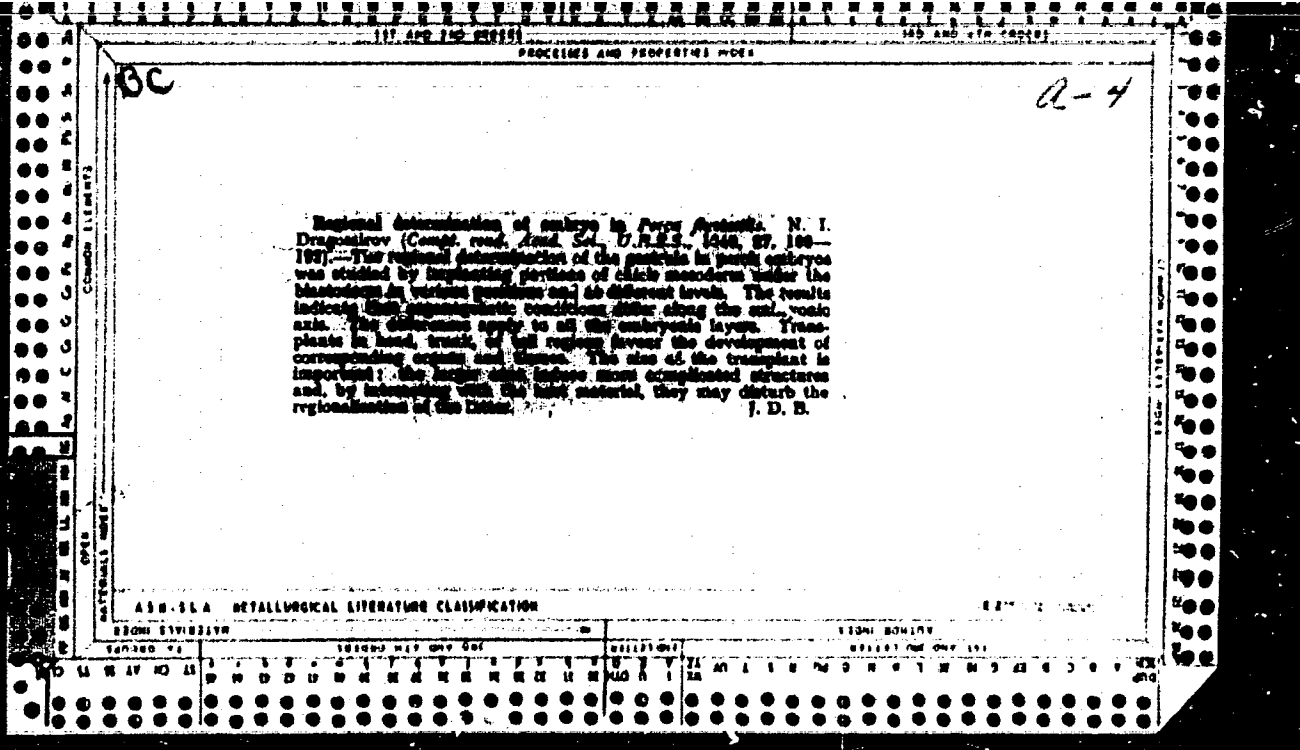
DRAGOMIROV, M. I.; BESKROVNIY, L.G., professor, doktor istoricheskikh nauk, redaktor; IGNATKOVICH, G.M., redaktor; MYASHNIKOVA, T.F., tekhnicheskiy redaktor

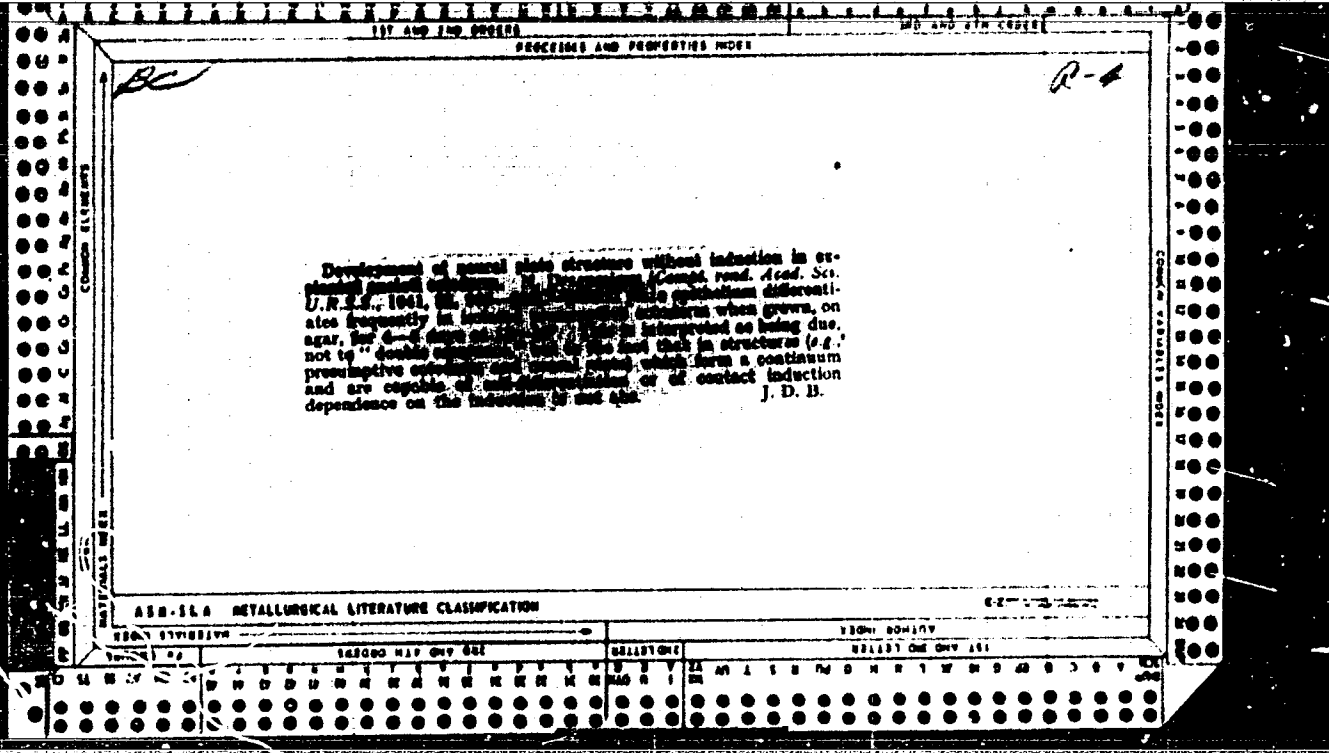
[Selected works; problems in training and instructing troops]
Izbrannyye trudy; voprosy vospitaniya i obucheniya voisk. Pod red. L.G.Beskrovnogo. Moskva, Voen.isd-vo Ministerstva obor. SSSR, 1956. 636 p. (MLBA 9:8)
(Military education)

DRAGOMIROV, N. I.

"Continuance of Influence Needed for Retina Induction in Amphibians,"
Dokl. AN SSSR, 26, No.5, 1940

Lab. of Organogenesis





DRAGOMIROV, N. I.

PA 50775

USSR/Medicine - Morphology
Medicine - Embryology

May 1947

"The Action of the Mesectoderms of a Frog in the Determinational Field of Balancers in the Embryos of a Triton," N. I. Dragomirov, Inst Evolutional Morph imeni A. N. Severtsov, Acad Sci USSR, 3 pp

"Dok Akad Nauk SSSR, Nova Ser" Vol LVI, No 6

Describes experiments in which embryos usually developed normally, twin balancers developed in their own places, and too large a medial was set up on account of positive effect of implantation. Submitted by Academician I. I. Shmal'gauzen, 1 Oct 1946.

50775

DRAGOMIROV, N. I.

"Morphogenetic Interaction Between the Eye Rudiment and the Covering
Ectoderm," Dokl. AN SSSR, 23, No.4, 1949

Lab. of Organogenesis, Severtsov Inst. of Animal Morphology

DRAGOMIROV, N. I.

"Embryological Development of Mixed Balancers in Interspecific Transplantations
of Ectoderm," Dokl. AN SSSR, 66, No.3, 1949

DRAGOMIROV, N. I.: SHAMAL'GAUZEN, G. I.

Sturgeons

Ecological-morphological characteristics of the pseudoscaphirynchus larva. Dokl.
AN SSSR 85 No. 6, 1952

9. Monthly List of Russian Accessions, Library of Congress, December 1953? Uncl.

DRAGOMIROV, N.I.

Development of sturgeon [sevruga] larvae during the period of yolk feeding.
Trudy Inst.morf.shiv. no.10:244-263 '53. (MLRA 6:11)
(Sturgeons)

DRAGOMIROV, N. I.

Species characteristics of the alevin of sturgeon-like fishes following hatching. Dokl. AN SSSR 93 no. 3:551-556 N '53. (MIRA 6:11)

1. Institut morfologii zhivotnykh im. A. N. Severtsova Akademii nauk SSSR, Predstavleno akademikom Ye. N. Pavlovskim. (Sturgeons)

DRAGOMIROV, N.I.; PAVLOVSKIY, Ye.N., akademik.

Basic characteristics of age changes in the behavior of sturgeon larvae.
Dokl. AN SSSR 93 no.4:725-728 D '53. (MLRA 6:11)

1. Akademiya nauk SSSR (for Pavlovskiy). 2. Institut morfologii zhivotnykh
im. A.N.Severtsova Akademii nauk SSSR (for Dragomirov). (Sturgeons)

~~DRAGONIROV, N. I.~~

USSR/Biology - Zoology

Card : 1/1

Authors : Dragomirov, N. I.

Title : Early stage of larval development of Pseudoscarphirhynchus

Periodical : Dokl. AN SSSR, 96, Ed. 6, 1265 - 1268, June 1954

Abstract : The early stages of larval development of Pseudoscarphirhynchus larvae were investigated in the spring of 1954 and the results are described. Two references. Table, drawings.

Institution : Acad. of Sc. USSR, The A. N. Severtsov Institute of Animal Morphology

Presented by : Academician I. I. Shmal'guzen, April 20, 1954

DRAGOMIROV, N. I.

USSR/ Biology Zoology

Card : 1/1

Authors : Dragomirov, N. I.

Title : Development of skin receptors on the lower side of the head of sturgeon larvae transforming into natural way of life.

Periodical : Dokl. AN SSSR, 97, Ed. 1, 173 - 176, July 1954

Abstract : The development of skin receptors at the lower side of the head of sturgeon larvae during transformation into natural way of life, is explained scientifically. Five references. Illustrations.

Institution : Acad. of Sc. USSR, The A. N. Severtsov Institute of Animal Morphology

Presented by : Academician, I. I. Shmal'gauzen, April 21, 1954

USSR / General Biology. Individual Development. Embryonic B
Development.

Abs Jour : Ref Zhur - Biologiya, No 4, 1959, No. 14367

Author : Dragomirov, N. I.
Inst : Institute of Animal Morphology, Academy of
Sciences USSR

Title : The Larval Development of the Volga-Caspian
Sturgeon

Orig Pub : Tr. In-ta morfol. zhivotnykh AN SSSR, 1957,
vyp 20, 187-231

Abstract : The formation of the skeleton, the motor
organs, digestion, respiration and sensory
organs of the sturgeon larvae are described
in detail. During the larval period 18
stages are distinguished by the author of
which most are divided into 2 substages. The

Card 1/2

USSR / General Biology. Individual Development. Embryonic B
Development.

Abs Jour : Ref Zhur - Biologiya, No 4, 1959, No. 14367

structure of a 50-day old baby fish is also described. A highly specialized form does not exist in the postembryonal development. Ontogenesis presents a gradual and consistent change, passing from one to another structure from the egg to the grown individual. Differences between the stages are basically of a quantitative character. -- A. G. Andres

Card 2/2

17(4)

AUTHOR:

Dragomirov, N. I.

SOV/20-124-2-69/71

TITLE:

The Age Relations in the Development of the Organs of the Lateral System in Larvae of Ship From the Aral Sea Acipenser nudiventris Lov. (Vozrastnyye sootnosheniya v razvitii organov lateral'noy sistemy u lichinok aral'skogo shipa Acipenser nudiventris Lov.)

PERIODICAL:

Doklady Akademii nauk SSSR, 1959, Vol 124, Nr 2, pp 489 - 492 (USSR)

ABSTRACT:

In the larvae of Acipenser stellatus and sturgeon (Ac.güldenstädti) neuromasts at certain parts of the head are formed at a very early time when the lateral system is still highly underdeveloped (Refs 1,2). In different genera and species of sturgeon the neuro-epithelial follicles develop at different periods according to the ecological characteristics of the larvae (Refs 2,3). The author investigated the differentiation of the system mentioned in the title for the first time, in sections. The larvae mentioned in the title show the most completely developed lateral system. The author has based his classification, of the organs, now as before, (Ref 2) upon the differences with respect to the structure of the receptors in connection with the divergent development of the rudiments.

Card 1/3

The Age Relations in the Development of the Organs of the SOV/20-124-2-69/71
Lateral System in Larvae of Ship From the Aral Sea *Acipenser nudiventris* Lov.

Tables 1-3 furnish the results of investigation of larvae obtained in intervals of 24 hours. The topographical characteristic was based upon connections with the nerves of the lateral system. In larvae already prepared for the search of food all organs of the lateral system are already differentiated and open. The spiracular organ which lies in the appendix cavity of the spout hole exists for a long time as a compact formation. It develops a cavity at a late period and opens exactly at the time when the spout hole opening breaks through. The rudiments of the neuro-epithelial follicles are formed as groups of different age according to the innervation extension of the epidermis and they differentiate simultaneously with the nerves. Each neuromast is connected with a separate branch of the main trunk, the follicle with the ends of the ramified long runner of the nerve. The early forming ganglion VII forms together with its nerves a sort of center of the spreading differentiation of the lines innervated by it (Tables 1-3). Further ganglia together with their nerves as well as receptors of the lateral

Card 2, 3

The Age Relations in the Development of the Organs of the SOV/20-124-2-69/71
Lateral System in Larvae of Ship From the Aral Sea *Acipenser nudiventris* Lov.

system differentiate successively backwards. Already at the beginning of the formation of the system not individual neuromasts are formed but lines. The above mentioned data refer to an asynchronous formation of receptors at different parts of the system. A particular rapid development undergo individual components and parts of the main line within the sphere of the ganglion VII. Thus the problem of the adaptive importance of such a succession in the process of development is raised. There are 4 figures, 3 tables, and 6 references, 4 of which are Soviet.

ASSOCIATION: Institut morfologii zhivotnykh im. A. N. Severtsova Akademii nauk SSSR (Institute for Animal Morphology imeni A. N. Severtsov of the Academy of Sciences, USSR)
PRESENTED: September 11, 1958, by I. I. Shmal'gauzen, Academician
SUBMITTED: September 9, 1958

Card 3/3

17(1)

SOV/20-125-6-56/61

AUTHOR:

Dragomirov, N. I.

TITLE:

Development of the System of the Neuro-epithelial Follicles in the Larvae of the Lake Aral Acipenser nudiventris Lov (Razvitiye sistemy neyroepitelial'nykh follikulov u lichinok aral'skogo shpa Acipenser nudiventris Lov)

PERIODICAL:

Doklady Akademii nauk SSSR, 1959, Vol 125, Nr 6, pp 1374-1377 (USSR)

ABSTRACT:

The follicles, mentioned in the title, of the sturgeon larvae correspond to the "nerve sacs" belonging to the organs of the lateral system and scattered over certain zones of the rostrum and other parts of the head. They are derived from a basal layer of the epidermis. The topographical distribution and the development rate of the follicles varies even among closely related species (Ref 1); in individual genera of the Acipenseridae family, there are, however, vast differences. This phenomenon is obviously connected with the ecological-morphological properties of the larvae, as well as with their nutrition (Ref 2). In order to determine the genesis of the differences between the individual species, the formation

Card 1/4

SOV/20-125-6-56/61

Development of the System of the Neuro-epithelial Follicles in the Larvae of the Lake Aral *Acipenser nudiventris* Low

during ontogenesis of the entire organ complex would have to be clarified. For this purpose, the author describes the section concerned of the lateral system of the species mentioned in the title in populations occurring in Lake Aral. Table 1 shows the dates of the emergence of the follicles at different ages (expressed in days) of the larvae. Figures 1-4 show the individual development stages of the follicles. In other *Acipenser* species and in beluga (*Acipenser huso*), the neuro-epithelial follicles, at the end of the yolk nutrition stage, also form pores with exterior openings. In other types, as e.g. in *Pseudoscaphirhynchus*, the development of these organs is slowed down. This will be easily understood if the intensified development of the taste bud covered antennae of the larvae (Ref 2) is taken into account. The results of this juxtaposition not only indicate an adaptive significance of the development rates, but also suggest a connexion, governed by certain laws, between the time of follicle opening and the time when the receptors will be able to take up their functions. In specific cases, these laws are, however, quite complex. The different ages of the rudiments, the prolonged formation, and

Card 2/4

SOV/20-125-6-56/61
Development of the System of the Neuro-epithelial Follicles in the Larvae of
the Lake Aral *Acipenser nudiventris* Lov

the stunting or reduced development of part of the follicles create a basis for variability. The number of follicles varies in each zone, not only with different individuals, but even in the right and left sides of the head of one and the same larva. From a functional aspect, this variability is understandable if we consider that we are here concerned with a great number of organs without strict localizations. On the contrary, constant differences originating in the same variability will emerge in comparisons between different species and genera. The character of such differences, and their origin in ontogenesis are to be elucidated in further investigations. There are 4 figures, 1 table, and 4 Soviet references.

ASSOCIATION: Institut morfologii zhivotnykh im. A. N. Severtsova Akademii nauk SSSR (Institute of Animal Morphology imeni A. N. Severtsov of the Academy of Sciences USSR)

PRESENTED: January 14, 1959, by I. I. Shmal'gauzen, Academician
Card 3/4

Development of the System of the Neuro-epithelial Follicles in the Larvae of
the Lake Aral *Acipenser nudiiventris* Lov

SOV/20-125-6-56/61

SUBMITTED: January 7, 1959

Card 4/4

DRAGOMIROV, N.I.

Ecological and morphological characteristics of larval development
in the white sturgeon *Huso huso* (L.). Trudy Inst.morf.zhiv. no.33;
72-93 '61. (MIRA 14:6)
(Volga River—Sturgeons) (Larvae—Fishes)

DRAGOMIROV, N.I.

Development of the lateral system of the sensory organs in the larvae of the sturgeon *Huso huso* (L.). Problem of adaptive relations in morphogenesis. Zhur. ob. biol. 22 no.4:273-280 (MIRA 15:6)
Jl-Ag '61.

1. Institute of Animal Morphology, U.S.S.R., Academy of Sciences.

(NERVES, PERIPHERAL)
(STURGEONS)

VUTEV, Evg., inzh.; BEZLOV, D., inzh.; VASILEVA, M., inzh.; DRAGOMIROV, T.

Increasing durability of the guides of metal-cutting tools
by surface hardening. Mashinostroene 12 no.6:17-22 Je'63.

197 AND 198 CODES

PREPARED AND PRINTED IN U.S.A.

14

DRACOMIROV, M.B.
CA

Iodine content in potable waters. M. A. Dragomirova
Izv. Vuz. biokhimi. akad. na U. R. S. S. R. 7, 5-18 (1944)

Iodine content was detd. in the potable waters of springs and rivers of various regions of the U. S. S. R. and the correlation made between the iodine content and the enlargement of the thyroid gland. The water was evaporated, treated with K_2CO_3 , and iodine extd. by repeated treatment with alk. The residue was treated with H_2O_2 to form KIO_3 , which was then detd. volumetrically with $Na_2S_2O_3$. All data obtained show good correlation between iodine content of potable waters and thyroid gland condition, the lower the iodine content, the higher is the enlargement of the thyroid gland. Seventeen references. N. S. Y.

METALLURGICAL LITERATURE CLASSIFICATION

197 AND 198 CODES

197 AND 198 CODES

PROCEDURES AND PROPERTIES

12

Содержание йода в продуктах питания различных районов Советского Союза. М. А. Дзганитова. Изв. Института биохимии. Сер. У. Р. С. С. 7, 10-25 (1944). - Iodine was detd. in the ash of wheat, rye, oats, carrots, cabbage, corn, nuts, milk, beans, and meat from Kabardin-Balkarian A.S.S.R., Eastern Transbaikalian region, Azerbaijan S.S.R., Uzbek S.S.R., and the Mari A.S.S.R. Methods of extraction and analysis are described. Of the 60 samples analyzed, iodine content ranged from approx. 10% to approx. 10%. For any one product, the iodine content varies according to the region. Data are insufficient for correlation of the iodine content of the food of any one region and the thyroid condition of the people of that region. N. S. Yanick

ASB-51A METALLURGICAL LITERATURE CLASSIFICATION

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50
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Subject : USSR/Electricity AID P - 1966

Card 1/1 Pub. 29 - 15/25

Author : Dragomoshchenko, L. A., Eng.

Title : Experiment with direct starting of a 3000-kva synchronous motor

Periodical : Energetik, 4, 27-29, Ap 1955

Abstract : The author describes the electric drives of 6-kv, 3000-kva pump dredges of the SM-3000-500 type. The starting of the synchronous motors was made in two steps with the help of magnetic starters of the SNL 7302-42 type. This type of starting was often erratic and it was remodeled into a one-step direct starting from the 6-kv network. The time of synchronization was reduced from the previous 16-19 seconds to 8 sec. This type of starting was tried with satisfactory results in 1953 on one of the pump dredges. It was introduced on all the dredges of the given construction works. Two connection diagrams.

Institution: None

Submitted : No date

33659-55

005 005959

SUBMITTED: *OO*

EXTL: 00

SUB CODE: IP, NP

DRAGON, Jan

Experiments in the production of sucker leaves of Virginia. Rocz nauk
roln rosl 81 no.4:935-955 '60. (EEAI 10:9)

(Tobacco)

DRAGON, Jan

Field experiments on the production of sucker leaves of Machorka
Pomorska, Rocznik nauki roln. 81 no. 4:957-974 '60.
(KELZ 10:9)

(Poland--Tobacco)

DRAGON, Jan

The value in the use of varieties of Kentucky tobacco studied at the Skroniow Experiment Station during the years 1949-1953. Rocznik roln rosl 86 no.2:295-308 '62.

DRAGON, Karoly, dr.; PATAKY Ilona, dr.

Studies on C-reactive protein in surgical diseases. Orv.het11. 101
no.41:1453-1454 9 0 '60.

1. Szentesi Megyei Korhaz, Sebesszeti osztaly.
(C-REACTIVE PROTEIN)

DRAGON, Karoly, dr.; PATAKY, Ilona, dr.

Enzymatic studies ("the enzyme biopsy") in cranial injuries. Orv.
hetil. 103 no.29:1358-1359 22 J1 '62.

1. Szentesi Megyei Korhaz, Sebészeti Osztaly es Laboratorium.
(BRAIN wds & inj) (TRANSAMINASES metab)

DRAGON, Kalory, dr.; RADO, Zoltan, dr.

Isolated rectal neurinoma simulating rectal carcinoma. Magy.
sebesz. 17 no.1:55-57 F'64.

1. Szentesi Megyei Korhaz, - Sebeszet.

*

BANKA, Marian, mgr inz.; DRAGON, Konrad, mgr inz.; GRABINSKI, Kazimierz, inz.

Methane danger control in the 1 Maja mine. Wiadom gorn 14
no.11:346-350 N°63.

DRAGON, Karoly, dr.; PATACKY, Ilona, dr.

Enzymatic studies ("the enzyme biopsy") in cranial injuries. Orv.
hetil. 103 no.29:1358-1359 22 JI '62.

1. Szentesi Megyei Korhaz, Sebészeti Osztaly es Laboratorium.
(BRAIN wds & inj) (TRANSAMINASES metab)

HUNGARY

DRAGON, Karoly, Dr, PATAKI, Ilona, Dr; Szentos Megye Hospital, Surgical Ward (chief physician: BUGYI, Istvan, Dr) and Laboratory (chief physician: PATAKI, Ilona, Dr) (Szentos Megyei Korhaz, Sebeszeti Osztaly es Laboratorium).

"SGOT Studies in Various Surgical Diseases."

Budapest, Orvosi Hetilap, Vol 107, No 31, 31 Jul 66, pages 1457-1458.

Abstract: [Authors' Hungarian summary] Serial SGOT determinations were carried out in surgical diseases accompanied by tissue necrosis, severe inflammation and muscular lesions. It was found that the transaminase value was always high in these cases. The results support the necrobiotic theory of transaminase enzyme release; according to this theory, the transaminase level increases in every case which involves damage to cells active in metabolism. 13 Hungarian, 3 Western references.

1/1

23025

P/045/61/020/004/003/004
B133/B205

Luminescence of "dry" aluminum ...

area was coated with a transparent and conducting CdO or SnO₂ film. The cadmium-oxide film was deposited by the cathodic reactive sputtering technique, and the SnO₂ film was fumed by the procedure of chemical deposition (Fischer, A., Z. Naturforsch. 9a, 508, (1954)). There appeared to be little difference in the behavior of cells prepared by either method. The simple arrangement used for the purpose allowed for simultaneous measurement of both the intensity, I_c , induced by d-c voltage in the cell, and the intensity, I_f , of the photocurrent which was produced in an F.E.U. 19-M photomultiplier and was proportional to the brightness of luminescence. The cells emitted light if the voltage applied in the inverse direction was sufficiently high. Sudden transitions between the states (Al+) and (Al-) produced anode and cathode flashes as in the case of electrolytic cells. Measurements of I_c and I_f at different d-c voltages (see Figs. 4 and 5) indicated the following: "Dry" luminescent cells exhibit a pronounced property of rectification. As in the case of electrolytic cells with constant oxide thickness, it is found that $L = c \cdot I_c$

WESOLOWSKI, J.; DRAGON, R.; MOCINIAK, J.

Influence of water vapor on the rectifying and electroluminescent properties of anodic oxide films on aluminum. Acta physica Pol 24 no.3:407-414 3'63.

1. Institute of Experimental Physics, Boleslaw Bierut University, Wroclaw (for Wesolowski). 2. Institute of Physics, Teachers' College, Opole (for Dragon and Mochmiak).

HERSKOVITS, A., Dr.; DRAGON, V., dr.; POPOVICI, O., dr.

Therapy of several forms and sites of malignant tumors with radioactive phosphorus, P³²; immediate results in 6 advanced cases. Med. int., Bucur. 8 no.2:308-316 Apr-May 56.

1. Lucrare facuta in Institutul de Oncologie din B u curesti.
(PHOSPHORUS, radioactive
ther. of advanced cancer)
(NEOPLASMS, therapy
radiophosphorus, in advanced cases)

DRAGON, V.; TRESTIOREANU, A.I.

Therapeutic indications in cancer of the cervix uteri. Rumanian
M. Rev. 4 no.1:79-80 Ja-Mr '60.

1. Oncologic Institute, Bucharest.
(CERVIX NEOPLASMS radiother.)

PINELES, S., dr.; DRAGON, V., dr.

Roentgen therapy through lead grids in bronchopulmonary cancers. Med.
intern., Bucur 13 no.1:137-142 Ja '61.

(LUNG NEOPLASMS radiotherapy)
(CARCINOMA BRONCHOGENIC radiotherapy)

BANU, I.; VLAD, L.; DRAGON, V.; CASAT, St.

Study on the incorporation of radioactive phosphorus (P32) by blood elements under the influence of x-rays. I. Incorporation of P32 by the leukocytes of irradiated dogs. Neoplasma 8 no.2: 165-175 '61.

1. Institut d'Oncologie, Bucarest, Roumanie.
(PHOSPHORUS blood) (LEUKOCYTES chem)
(RADIATION INJURY blood)

BANU, I.; VLAD, L.; DRAGON, V.; CASAT, St.

Study on the incorporation of radioactive phosphorus (P32) by blood elements under the influence of x-rays. II. Incorporation of P32 by the erythrocytes of irradiated dogs. Neoplasma 8 no.2:177-183 '61.

1. Institut Oncologique, Bucarest, Roumanie.
(PHOSPHORUS blood) (ERYTHROCYTES chem)
(RADIATION INJURY blood)

PINELES, S.; DRAGON, V.

Studies on the etio-pathogenetic factors in broncho-pulmonary cancer. Neoplasma 11 no. 1: 63-69 '64.

1. Institut Oncologique de Bucarest, Roumanie.

REPCIUC, Emil; GILIEVICI, Olga; DRAGONCEA, Cornelia

Determining the DNA concentration in rat liver. Studii cerc
biochimie 7 no.3:331-336 '64.

1. Chair of Anatomy 2 of the Medicopharmaceutical Institute,
Bucharest. Submitted June 26, 1964.

DRAGONCEA, Cornelia, dr.; APOSTEANU, Gabriela, dr.

Enzymologic aspects of the gastric mucosa in humans with chronic gastritis associated with gastric cancer and gastric and duodenal ulcer. Med. intern. (Bucur.) 17 no.9:1063-1067 S '65.

1. Lucrare efectuata in Clinica a V-a medicala, Centrul de gastroenterologie, Bucuresti (director: prof. T. Spirchez).

"APPROVED FOR RELEASE: Friday, July 28, 2000

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DRAGOS, B.

SCIENCE

Periodicals: STUDII SI CERCEȚARI DE FIZICĂ. Vol. 6, no. 2, Apr./June 1955

DRAGOS, B. M.A. Leontovici's Introducere in termodinamica (Introduction to Thermodynamics); a book review. p. 405.

Monthly List of East European Accessions (EEAI) LC, Vol. 8, No. 2,
February 1959, Unclass.

PRETORIAN, D., ing.; MARCUS, I., ing.; DRAGOS, Z., ing. SOFRONIE, M., ing.

Producing highly resistant ordinary cast iron with lamellar graphite. Metalurgia constr mas 15 no.8:501-503.Ag '63.

DRAGOS, L.

Movement of a conductor gas around thin profiles. Comunicarile
AR 13 no.8:671-676 Ag'63.

1. Comunicare prezentata de academician C.Iacob.

DRAGOS, L.

RUMANIA/Theoretical Physics - General Problems

B-1

Abs Jour : Ref Zhur - Fizika, No 2, 1958, No 2626

Author : Dragos, L.

Inst : Not Given

Title : Concerning an Oscillator Whose Mass Varies with the Velocity

Orig Pub : An. Univ. "C.I. Parhon". Ser. stint. natur., 1956, No 12,
41-44

Abstract : Analysis of the forced oscillations of a relativistic oscillator, whose equation of motion is of the form

$$\ddot{x} + \omega^2 x - \frac{v}{2} f(x, vt) x^2 / c^2 = \omega_1^2 \sin vt, \text{ where}$$

$$f = \omega_1^2 \sin vt - \omega^2 x.$$

Card : 1/1

44362

S/O44/62/000/012/021/049
A060/A000

24.4380

AUTHOR: Dragoş, L.

TITLE: Motion of viscous fluid in elastic tubes in connection with problems of hemodynamics (blood dynamics). I.

PERIODICAL: Referativnyy zhurnal, Matematika, no. 12, 1962, 65, abstract 12B288
(Studii. și cercetări mat. Acad. RPR, 1962, v. 13, no. 1, 63 - 73;
Rumanian; summaries in Russian, French)

TEXT: The author solves in the linear formulation the problem of motion of a viscous incompressible fluid in a semi-infinite tube of circular cross section with pulsating walls ($0 \leq z \leq \infty$, $0 \leq r \leq R'$). The components of wall displacement u_r , u_z are obtained as the solutions of the system of equations of the theory of elasticity: $u_r = \frac{A}{r} e^{i\alpha(z-c't)}$, $u_z = B e^{i\alpha(z-c''t)}$, where A , B , α , c' , c'' , are constants. On the tube wall ($r = R' = R + u_r$) the author sets the condition of adherence of the fluid, taking into account the motion of the wall, and also the condition of equality of the normal stresses of fluid and wall. In the initial section ($z = 0$) the velocity of the fluid is specified: $v_r = 0$.

Card 1/2.

Motion of viscous fluid in elastic tubes in

S/044/62/000/012/021/049
A060/A000

$v_z = a(1 - \cos \beta t)(R'^2 - r^2)$, a, β constants. The initial conditions have the form: $v_r = f_1(r, z)$, $v_z = f_2(r, z)$. With the aid of the Laplace transform with respect to t and the Hankel transform with finite limits with respect to r ($0 \leq r \leq R$) the system of Stokes's equations reduces to a system of ordinary differential equations with constant coefficients. Here the simplifying assumption is introduced that the boundary conditions are satisfied not at $r = R'$ but at $r = R$. The solution of the problem is constructed in the form of series. The series obtained are not investigated.

✓

B.V. Rusanov

[Abstracter's note: Complete translation]

Card 2/2

S/044/62/000/012/022/049
A060/A000AUTHOR: Dragoș, L.

TITLE: Elastic oscillations of a cylindrical tube

PERIODICAL: Referativnyy zhurnal, Matematika, no. 12, 1962, 67, abstract 12B299
(Studii și cercetări mat. Acad. RPR, 1962, v. 13, no. 1, 143 - 153,
Rumanian; summaries in Russian, French)

TEXT: In connection with problems of hemodynamics the author considers the problem of integrating dynamic equations of the theory of elasticity in a semi-infinite cylindrical tube with radii a, b . On the walls of the tube ($r = a, r = b$) are given the displacements u_r and the tangential stresses σ_{rz} in the form of arbitrary functions of z, t . In the initial section ($z = 0$) are given either the stresses σ_{zz}, σ_{rz} , or the displacements u_r, u_z as arbitrary functions of r, t . At the initial instant of time ($t = 0$) are given the displacements u_r, u_z and the velocities $\frac{\partial u_r}{\partial t}, \frac{\partial u_z}{\partial t_0}$ as arbitrary functions of z, r . With the aid of the Laplace transform in t and the Hankel transform with finite limits in r

Card 1/2

Elastic oscillations of a cylindrical tube

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A060/A000

($a \leq r \leq b$), the system of equations of the theory of elasticity is reduced to a system of ordinary differential equations with constant coefficients. The solution of the problems is constructed in the form of series. The series are not investigated.

B. V. Rusanov

[Abstracter's note: Complete translation]

Card 2/2

87.1150

S/124/63/000/001/050/080
D234/D308

AUTHOR: Dragoş, L.
TITLE: Elastic vibrations of cylindrical pipes
PERIODICAL: Referativnyy zhurnal, Mekhanika, no. 1, 1963, 23,
abstract 1V160 (Studii și cercetări mat. Acad. RPR.
1962, v. 13, no. 1, 143-153 (Rum.: summaries in
Rus. and Fr.))

TEXT: The author considers the dynamic problems of the theory of elasticity for a semi-infinite hollow cylindrical pipe, in order to apply them to the problems of hemodynamics (blood dynamics). Solutions of two problems are constructed using incomplete separation of variables: 1) stresses are given at the end of the pipe and special mixed conditions at the lateral surface (the tangential stresses are given functions of the radius and of time), the system of basic equations of the problem is integrated and the results are represented as inversion integrals of series in terms of Bessel functions: 2) in the second problem displacements are given at the end of the

Card 1/2

Elastic vibrations ...

S/124/63/000/001/050/080
D234/D303

pipe and the solutions are also represented as integrals.
[Abstracter's note: Complete translation]

Card 2/2

PORA, Eugen A., acad.; WITTENBERGER, Carol; RUSDEA, Delia; DRAGOS, Maria

Observations on retinomotor phenomena of some fishes in the
Black Sea. Studii biol Cluj 14 no.2:299-304 '63.

1. Center of Biologic Research, Rumanian Academy, Cluj Branch.

BRAGOS, T.

Mechanization of the work of administering chemical fertilizers and chemicals for the protection of plants. p. 293.

REVISTA DE CHIMIE. Bucuresti, Rumania. Vol. 10, no. 5, May 1959.

Monthly List of East European Accessions. (EEAI), LC. Vol. 8, no. 9, ^{Sept.} 1959.
Uncl.

DRAGOS, Toma)O, ing.

Mechanization of agricultural work on slopes. St si Teh Buc 16 no.2:
13-14 F '64.

DRAGOS, V.

Disharmonic and microtectonic accidents between Homoricu
and Mineciu (Teleajen Valley). Dari seama sed 46:355-380
'58/59 [publ. '62].

DRAGOS, V.

The valley anticline in Parasca Valley (Valenii de Munte).
Dari seama sed 46:381-386 '58/59 [publ. '62].

DRAGOS, V.; PAPIU, Victor Corvin (Bucuresti)

"Geologic and metallogenetic study of the medium part of the Arize Massif" by Elena Adriana Perseil. Reviewed by V. Dragos, Victor Corvin Papiu. Natura Geografie 16 no 1:96 Ja-F '64.

DRAGOS, Vasile

Furnace constructive modification, improvement of glass quality. Constr Buc 15 no.700:2 8 Je '63.

1. Inginer-sef al Fabricii de geamuri, Mediaa.

ACCESSION NR: APh015868

R/0017/63/000/008/0498/0501

AUTHOR: Dragos, Z. (Engineer); Moldovan, C. (Engineer); Epure, M. (Engineer)

TITLE: The use of sound and ultrasound in the casting of metal

SOURCE: Metalurgia, no. 8, 1963, 498-501

TOPIC TAGS: metal casting, ultrasound, soundwaves, vibration, degassing

ABSTRACT: The authors summarize the various applications of sound and ultrasound in metal casting, calling attention to the indications and advantages/disadvantages of each method. The principal use of ultrasound is to obtain a finer crystalline structure, while the main effect of using sound is to cause very thorough stirring of the entire mass of liquid metal, resulting in degassing and more amorphous growth. Application of ultrasound may involve either irradiation of cast parts or irradiation of the liquid metal before casting. The use of sound in casting is simpler and more widely applicable than that of ultrasound, especially in the form of an 50-cycle electrodynamic vibrator which is resistant, easy to maintain and adjustable for a wide range of powers. The efficient degassing, visible to the naked eye, does not lengthen the casting period as it

ACCESSION NR: AP4015868

can be performed, while removing oxidation products from the surface of the liquid, by simply resting the pot on the vibrator. Such an installation reduced the amount of rejects by 47 percent in the manufacturing of pistons made of the alloy AlCu₁MgNi₂; the gas content of the alloy decreased from 11.5 to 2.5 percent, traction resistance increased by an average of 12 percent, density of the metal increased, and hardness increased an average of 12 percent. The use of sound was also tested on 5 ingots of liquid steel, each 700 mm high, vibrated for about 15 minutes with a 50-cycle, 250 w vibrator. Because of the favorable results, a 5-kw, 50 cycle per second device capable of processing much larger pieces was built and is described. Results obtained with this device justify extension of this method. Orig. art. has: 4 figures.

ASSOCIATION: none.

SUBMITTED: 00

DATE ACQ: 21Oct63

ENCL: 00

SUB CODE: ML

NO REF SOV: 000

OTHER: 000

Card 2/2

DRAGOS, Zamfir, ing.; MOLDOVAN, Cornel, ing.; EPURE, Mircea, ing.

Use of sound and supersonics in the foundry. St si Teh Buc 15
no.4:16-17 Ap '63.

1. Collective of the "Tehnica noua" Foundry and the Section of
the Foundry of the "23 August" Plant, Bucharest.

~~S. D.~~ DRAGOSANU, S.

H-5

Rumania / Chemical Technology. Chemical Products
and Their Application
Water treatment. Sewage water.

Abs Jour: Referat Zhur - Khimiya, No 1, 1958, 1807

Author : Malacea I., Raciviceanu R., Cure V., Dragosanu
Sit.

Title : Preliminary Investigations of the Pollution of
the Rivers Birsa, Vulcanita and Olt by Sewage
Water of the Paper and Cellulose Plant at
Zarnesti.

Orig Pub: Bul. inst. cercetari piscicole, 1956, 15, No 3,
66-76

Abstract: Sewage water has a detrimental effect on pisci-
culture and on the sugar refinery located nearby.
It is recommended fully to utilize the sulfite
liquors, to remove the cellulose fibers and im-

Card 1/2

Rumania /Chemical Technology. Chemical Products
and Their Application
Water treatment. Sewage water.

H-5

Abs Jour: Referat Zhur - Khimiya, No 1, 1958, 1807

prove operation of the available installations
for the purification and neutralization of the
sewage water.

Card 2/2

ACCESSION NR: AP4023406

S/0048/64/028/003/0553/0558

AUTHOR: Shur, Ya.S.; Glazer, A.A.; Dragoshanskiy, Yu.N.; Zaykova, V.A.; Kandaurova, G.S.

TITLE: Regarding departures from homogeneity of magnetization within ferromagnetic domains [Report, Symposium on Ferromagnetism and Ferroelectricity held in Leningrad 30 May to 5 June 1963]

SOURCE: AN SSSR. Izvestiya. Seriya fizicheskaya, v.28, no.3, 1964, 553-558

TOPIC TAGS: ferromagnetic domains, ferromagnetic domain inhomogeneity, magnetization reversal nuclei

ABSTRACT: This paper is a short summary of investigations, conducted in the Ferromagnetic Laboratory of the Institute of Metal Physics of the Academy of Sciences, SSSR, concerning departures from homogeneity of magnetization within ferromagnetic domains. The early stages of the formation of magnetization reversal nuclei on the basal plane surface of a magnetoplumbite crystal, and their development into domains was observed by means of powder patterns. Motion pictures of this process were made, and several frames are reproduced. As the magnetizing field (perpendicular to the crystal surface) was gradually reduced from saturating values, the powder pattern,

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ACCESSION NR: AP4023406

initially featureless, first showed large (~ 0.1 μ m) circular bright spots. These decreased in size, increased in number, became irregular in shape, and finally some of them could be seen to grow into twisting domains of opposite magnetization. The initial large spots revealed by the powder pattern are ascribed to "spin vortices", regions in which the spins are inclined to the surface in a circular pattern. These arise because they provide partial flux closure within the crystal, thus reducing the surface energy. As the magnetizing field decreases, the spin inclinations increase, and the disturbance penetrates more deeply into the crystal. Finally spin reversal occurs in the center of the vortex, and a reverse magnetization nucleus is formed. These nuclei grow into spike shaped domains. If this interpretation of the observations is correct, the intersections of the wall of such a spike domain with a plane parallel to the magnetic axis should have opposite polarities; this was observed to be the case in cobalt. The domains in Co and in MnBi alloy were observed to increase in size with increasing temperature, although the saturation magnetization did not change significantly over the temperature range concerned, the crystal anisotropy decreased markedly, and no domains of closure could be found. This behavior is ascribed to spin disorientation at the higher temperatures, resulting in internal flux closure and decreased surface energy. This interpretation is supported

Card 2/3

ACCESSION NR: AP4023406

by the fact that the contrast of the domains as observed with the longitudinal Kerr effect, as well as that of the spots on the basal plane as observed with the polar Kerr effect, decreased with increasing temperature. This increase in spin disorientation with increasing temperature could be due to increasing influence of crystal imperfections as the crystal anisotropy decreases. The magnetostriction of silicon iron in the [100] direction, which should vanish in an ideal crystal, was found to depend strongly on the annealing process to which the crystal had been subjected. The less thoroughly annealed specimens showed greater magnetostriction and less perfect domain structure. This indicates departure from uniform magnetization within the domains due to crystal imperfections. It is concluded that investigation of the departure from homogeneity of the magnetization within the domains is prerequisite to a deep understanding of various properties of ferromagnetic materials. Orig.art.has: 4 figures.

ASSOCIATION: Institut fiziki metallov Akademii nauk SSSR (Institute of Physics of Metals, Academy of Sciences, SSSR)

SUBMITTED: 00

DATE ACQ: 10Apr64

ENCL: 00

SUB CODE: PH

NR REF SOV: 002

OTHER: 000

Card 3/3

SHUR, Ya.S.; DRAGOSHANSKIY, Yu.N.

Nucleation and growth of magnetic reversal in cobalt crystals.
Fiz. met. i metalloved. 19 no.4:536-543 Ap '65.

(MIRA 18:5)

1. Institut fiziki metallov AN SSSR.

DRAGOSHINOV, P., inzh.

A group hydraulic system for technological purposes. Mashinostroena
11 no.10:40-41 0 '62.

DRAGOSHINOV, P., inzh.

Semiautomatic operations of the B 12 boring machine. Mashinostroena
12 no.2:36 F '63.

Country : USSR
Cultivated Plants. Potatoes. Vegetables.
Cucurbitae.
ABST. SOUR : Def. obr. Biologiya, No. 5, 1959, No. 30295
AUTHOR : Erzagoslav, Komarchovich
INST. :
TITLE : Planting Potatoes in the Summer.

ORIG. PUB.: Poljoprivreda, 1957, 5, No.7-8, 52-53

ABSTRACT : Experiments made at Leskovac during the period 1925-1940 have demonstrated that the strongest effect on good growth in the potato is produced by high temperature during the time the potato matures and forms tubers. In the region under consideration the average temperature during 14 hours out of the day is 20° from May to October. However, it is only in summer plantings that one can successfully produce potatoes unafflicted by degeneration / general

REF: 1/2

JOURNAL : M
SUBJECT : Cultivated Plants.
RES. JOUR: Ref Zhur-Biologiya, No. 5, 1959, No. 20 295
Author :
INST. :
TITLE :

ORIG. PUB.:

ABSTRACT : deficiency disease, aggravated by unfavorable environmental conditions / and pest infections. Vernalization boosted the output by 16.8-50% in relation to variety. The best results were produced by the Jubel variety.
--Ye.A. Garshina

CARD : 2/2

76

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DRAGOTESCU, N., ing.; ROSEN, V., ing.

Suggestions for improving the crude oil and gas separators
used in Rumania. Petrol si gaze 14, no.12:610-622 D'63.

DRAGOSTILOV, S.

"Completing the First Stage in the Construction of the State Metallurgical
Factory", p. 2. "The Irrigation System in Cherven-bryag County", p. 3.
(TEKHNIЧЕСКО ДЕЛО, Vol. 5, no. 110, Sept. 1953, Sofiya, Bulgaria).

SO: Monthly List of East European Accessions, IC, Vol. 3, No. 4, April 1954.

DRAGOSTINOV, S.

Handbook on chemical engineering calculations in industry. Sofia, Knizhnina,
1948. 142 p. (50-25568)

TJ150.D7