

ARTYUNYAN, G.

Great development of major industrial chemical complexes. Prom. Arm. 6
no. 10:7-10 0 '63. (MIRA 17:1)

1. Sekretar' Tsentral'nogo komiteta Kommunisticheskoy partii Armenii.

ARYTYUNYAN, N.Kh.; CHOBANYAN, K.S.

Bending of prismatic rods made up of different materials taking
the creep into consideration. Izv. AN Arm. SSR. Ser. fiz.-mat.
nauk 10 no.5:59-72 '57. (MIRA 11:2)

1. Institut matematiki i mekhaniki AN ArmSSR.
(Elastic rods and wires) (Creep of materials)

~~ARTYUNYAN, N. Kh.~~, akademik; MANUKYAN, M. M.

Creep in spherical containers. Dokl. AN Arm. SSR 27 no. 4:209-216 ' 58.
(MIRA 12:1)

1. AN Armyanskoy SSR (for Arutyunyan). 2. Institut matematiki i
mekhaniki AN Armyanskoy SSR i Yerevanskiy gosudarstvennyy universitet.
(Creep of materials)

ARTYUNYAN, N.S., inzh.; ZRYADNIY, S.G., inzh.

Experience of the Zaporozh'ye Oil and Fat Combine in reducing the
consumption of benzene. Masl.-shir. prom. 24 no.9:41-44 '58.
(Zaporozh'ye--Oil industries--Equipment and supplies) (MIRA 11:10)

ARTYUNYAN, R.K., kand. biol. nauk; GABRIELIAN, A.A., mladshiy nauchnyy
sotrudnik; AMBARTSUMYAN, S.G., mladshiy nauchnyy sotrudnik

Effect of direct current on the blood catalase activity in
irradiated rats. Vop. radiobiol. [AN Arm. SSR] 3/4:289-291
'63. (MIK 1/16)

ARTYUSHENKO, A.A.

Role of hemoglobin indexes and the erythrocyte sedimentation reaction in the selection and utilization of horses for the production of anti-toxic medicinal serums. Zhur.mikrobiol.epid.i immun. no.7:101 J1 '54
(MIRA 7:9)

1. Iz Rostovskogo instituta epidemiologii i mikrobiologii.
(BLOOD--EXAMINATION) (VACCINES)

Abstract U-7920, 8 Mar 56

ARTYUSHENKO, O.T.

Survey of activity of the Botanical Institute of the Academy of Sciences
of the Ukrainian S.S.R. in 1952. Bot.zhur.[Ukr.] 10 no.2:101-103 '53.

(MLRA 6:6)

(Ukraine - Botanical societies)

ARTYUSHENKO, O.T.; OKSIYUK, O.P.

Results of analysing the spores, pollen and diatoms of bottom
deposits in the Tur Lake. Bot.zhur.[Ukr.] 12 no.2:70-76 '55.

(MLRA 8:10)

1. Institut botaniki Akademii nauk URSR, viddil sporovikh roslin
2. Kiivs'kiy universitet imeni T.G.Shevchenka, kafedra nishchikh roslin.

(Tur, Lake--Paleobotany)

ARTYUSHENKO, O.T.

ARTYUSHENKO, O.T.

Conference on the methodology of field research on the vegetation
of the Ukrainian S.S.R. Bot.shur.[Ukr.] 12 no.3:111 '55.
(Ukraine--Botany) (MLRA 8:11)

ARTYUSHENKO, O.T.

Results of the scientific activity of the Botanical Institute of the
Academy of Sciences of the Ukrainian S.S.R. Ukr.bot.zhur.13 no.2:
121-125 '56. (MLRA 9:9)

(Ukraine--Botany)

ARTYUSHEVA, A.T.; KHARKEVICH, S.S.

Early spring ornamental plants in the wild flora of Soviet Carpathians.
Bot.zhur. 41 no.11:1604-1616 N 56. (MLRA 10:1)

1. Botanicheskiy institut imeni V.L. Komarova Akademii nauk SSSR,
Leningrad i Botanicheskiy sad Akademii nauk USSR, Kiev.
(Carpathian Mountains. Plants, Ornamental)

ARTYUSHENKO, A. T. Doc Cand Biol Sci -- (diss) "History of
vegetation of the West-Ukrainian Poles'ye during the late-
and post-Glacial period as based ^{up} on ~~the analysis~~ of spores
and pollens of ^{studies} ~~the~~ lake and swamp deposits." Kiev, 1957.
20 pp 20 cm. (Academy of Sciences UK SSR. ^{Department} Section of Bio-
logical Sciences.), 100 copies
(KL, 21-57, 100

ARTYUSHENKO, O.T.

History of the development of vegetation in the West Ukrainian Polesye during the late glacial and postglacial period, based on palynological research. Ukr. bot. zhur. 14 no.1:12-29 '57.
(MLRA 10:5)

1. Institut botaniki AN URSR, viddil sporovikh roslin.
(Polesye--Paleobotany) (Forests and forestry)

ARTYUSHENKO, A.T. [Artiushenko, O.T.]

Scientific activities of the Institute of Botany of the Ukrainian
S.S.R. in 1957. Ukr. bot. zhur. 15 no.2:110-114 '58. (MIRA 11:6)
(Ukraine--Botanical research)

ARTYUSHENKO, A.T. [Artyushenko, O.T.]; BACHURINA, A.F. [Bachurina, G.F.]

New data on a stratigraphic and palynological study of the
Kardashinka peat bog [with summary in English]. Ukr. bot. zhur. 15
no. 3:60-70 '58. (MIRA 11:12)

1. Institut botaniki AN USSR, otdel sporovykh rasteniy,
(Kardashinka region--Peat bogs)

ARTYUSHENKO, A.T. [Artiushenko, O.T.]

Conference on the coordination of botanical research on the
problem "Flora and vegetation, their historical development,
utilization, reconstruction and enrichment." Ukr.bot.shur. 16
no.4:108-110 '59. (MIRA 12:11)
(Ukraine--Botanical research--Congresses)

ARTYUSHINKO, A.T. (Kiyev)

Allerod vegetation of the East European Plain in connection with
general development of late-glacial vegetation in Eastern and
Central Europe. Bot.zhur. 44 no.6:772-785 Ja '59.

(MIRA 12:11)

(East European Plain--Paleobotany)

ARTYUSHENKO, A.T. [Artiushenko, O.T.]

History of the development of vegetation in the left-bank area of the Ukrainian forest steppe during the late glacial and postglacial periods. Ukr.bot.shur. 17 no.3:48-65 '60.

1. Institut botaniki AN USSR, otdel sporovykh rasteniy.
(Ukraine--Paleobotany)

ARTYUSHENKO, A.T. [Artiushenko, O.T.]

Second coordinating conference on the problem "Flora and
vegetation of the Ukraine, their historical development, use,
reconstruction and enrichment." Ukr.bot.zhur. 17 no.3:
111-113 '60. (MIRA 13:7)

(Ukraine--Botany--Congresses)

ARTYUSHENKO, A.T. [Artiushenko, O.T.]; KUCHERYAVAYA, L.F. [Kucheriava,
L.F.]

Stratigraphy and spore and pollen investigations of the Plav
Bog deposits. Ukr. bot. zhur. 21 no. 2:70-77 '64.
(MIRA 17:5)

1. Institut botaniki AN UkrSSR i Kiyevskiy gosudarstvennyy
universitet im. Shevchenko.

ARTYUSHENKO, A.T. [Artyushenko, O.T.]; KAREVA, Ye.V. [Karieva, O.V.]

Development of the vegetation of Cherkassy Province in the late and postglacial periods according to the data of spore and pollen analysis.
Ukr. bot. zhur. 22 no.3:91-100 '65. (MIRA 18:7)

1. Institut botaniki AN UkrSSR, otdel istorii flory i paleobotaniki.

ARTYUSHENKO, G.V.; SHPOLYANSKIY, M.A.

Preparative method for obtaining pure methane. Gaz. prom. 10
no.4:46-48 '65.

(MIRA 18:5)

ARTYUSHENKO, L. M.

On the Almost-periodical Solutions of Some Classes of Integral-Differential Equations p. 17

TRANSACTIONS OF THE 2ND REPUBLICAN CONFERENCE ON MATHEMATICS AND MECHANICS
(TRUDY VTROY RESPUBLIKANSKOY KONFERENTSIYI PO MATEMATIKE I MEKHANIKE), 164
pages, published by the Publishing House of the AS SSSR, ALMA-ATA, SSSR, 1962

AUTHOR: Artyushenko, L.M.

SCV/140 58-4-2/30

TITLE: On the Application of Fourier Series for the Determination of Almost-Periodic x Solutions of Equations in Mean Values (C primeneni ryadov Fur'ye k nakhozheniyu pochni-periodicheskikh x resheniy uravneniy v srednikh znacheniyakh)

PERIODICAL: Investiya vysshikh uchebnykh zavedeniy Ministerstva vysshego obrazovaniya SSSR, Matematika, 1958, Nr 4, pp 21-27 (USSR)

ABSTRACT: Let $f(x)$ be almost-periodic, $M_x \{f(x)\} = \lim_{T \rightarrow \infty} \frac{1}{T} \int_0^T f(x) dx$ and

$$g(x) = M_t \{f_1(x-t)f_2(t)\}, \text{ where } f_1 \text{ and } f_2 \text{ are almost-periodic.}$$

$$\text{Theorem: } M_x \{g(x)e^{-i\lambda x}\} = M_x \{f_1(x)e^{-i\lambda x}\} \cdot M_x \{f_2(x)e^{-i\lambda x}\}.$$

Consider the integral equation of first kind (equation in mean values)

$$(1) \quad f(x) = M_t \{K(x-t)u(t)\},$$

where $f(x)$, $K(z)$ are given functions and $u(x)$ is the sought function.

Let $f(x) = \sum_{k=-\infty}^{\infty} a(\lambda_k)e^{i\lambda_k x}$ be uniformly convergent. Let $b(\lambda_k) =$

Card 1/2

$$M_x \{K(x)e^{-i\lambda_k x}\}.$$

On the Application of Fourier Series for the Determination of Almost-Periodic Solutions of Equations in Mean Values SOV L40 58-4-2/30

Theorem: If the series $\sum_k \frac{|a(\lambda_k)|}{|b(\lambda_k)|}$ converges, then (1) has the

almost-periodic solution
$$v(x) = \sum \frac{a(\lambda_k)}{b(\lambda_k)} e^{i\lambda_k x}.$$

A similar result is given for the integral equation

$$u(x) = M_t \{ K(x-t)u(t) \} + f(x)$$

and the integro-differential equation

$$\sum_{n=0}^n C_n \frac{d^n u(x)}{dx^n} - M_t \left\{ \sum_{l=0}^p K_l(x-t) \frac{d^l u(t)}{dt^l} \right\} = f(x).$$

There are 2 Soviet references.

ASSOCIATION: Frunzenskiy politekhnicheskii institut (Frunze Polytechnical Institute)

SUBMITTED: February 27, 1958

ARTYUSHENKO, L. M. Cand Phys-Math Sci -- (diss) "On conditions of existence
of near periodical solutions of certain classes of integro-differential equations."
[Tashkent], 1959. 19 pp (Central Asiatic State Univ im V. I. Lenin), 150 copies
Bibliography: pp 18-19 (16 titles) (KL, 43-59, 120)

16.4500

S/044/62/000/004/061/099
C111/C333

AUTHOR: Artyushenko, L.M.

TITLE: On the conditions for the existence of an almost periodic solution for a class of integro-differential equations

PERIODICAL: Referativnyy zhurnal, Matematika, no. 4, 1962, 60,
abstract 4B276. ("Issled. po integro - differents.
uravneniyam v Kirgizii". No. I. Frunze, AN KirgSSR, 1961,
159-166)

TEXT: The author gives sufficient conditions for the existence of an almost-periodic solution (in the sense of Bohr) of the integro-differential equation

$$\frac{du}{dx} = q(x)u(x) + \lambda \int_0^{h(x)} F(x,t,u(t))dt + f(x) ,$$

where the functions $h(x)$, $f(x)$, $F(x,t,u)$ are almost periodic in x .

[Abstracter's note : Complete translation.]

Card 1/1

ACCESSION NR: AR4039295

S/0044/64/000/003/B080/B080

SOURCE: Ref. zh. Matematika, Abs. 3B377

AUTHOR: Artyushenko, L. M.

TITLE: The existence of analytic, almost-periodic solutions to one class of linear integro-differential equations

CITED SOURCE: Sb. Materialy* u-y Nauchn. konferentsii Kafedry* vyssh. matem. Frunzensk. politekhn. in-t. Frunze, 1963, 95-99

TOPIC TAGS: analytic almost-periodic solution, linear integro differential equation, matrix coefficient, characteristic polynomial multiple root, characteristic polynomial simple root

TRANSLATION: The author considers the following system of integro-differential equations

$$L(u) = \frac{du}{dt} + Au + \int_a^b K(x-t)u(t)dt = f(t),$$

where A is a constant n x n-type matrix;

Card 1/2

ACCESSION NR: AR4039295

$$K(s) = \sum_{j=1}^l Q_j(s) e^{-\beta_j s};$$

Q_j is a polynomial of degree m_j with matrix coefficients; $z = x + iy$ is a complex variable; $f(z)$ is an n -dimensional vector function which is analytic in the region

$$[\alpha, \beta] = \left\{ \begin{array}{l} \alpha < x < \beta \\ -\infty < y < +\infty \end{array} \right\}; \quad \alpha - \gamma + i\lambda; \quad \alpha < \gamma < \beta.$$

$f(z)$ possesses property M if it is either almost-periodic in region $[\bar{\alpha}, \bar{\beta}]$, or periodic with period $i\omega$. In the case of multiple roots of the characteristic polynomial of the system $L \underline{u} = 0$, as in the case of simple roots, theorems are proven which give necessary and sufficient conditions under which system (1) has a solution possessing property M if the function $f(z)$ possesses property M. Corollaries to these theorems are derived. V. Fyodorov.

DATE ACQ: 22Apr64

SUB CODE: MA

ENCL: 00

Card 2/2

SHCHEKIN, Rostislav Vladimirovich, dotsent, kand.tekhn.nauk; KORENEVSKIY, Sergey Mikhaylovich, dotsent, kand.tekhn.nauk; BEM, Georgiy Yevgen'yevich, dotsent; TSYGANENKO, Gleb Nikolayevich, inzh.; ARTYUSHENKO, Mikhail Alipiyevich, inzh.; LOBAYEV, B.N., prof., doktor tekhn.nauk, red.; POLTORATSKAYA, E., red.; NOSINENKO, A., tekhn.red.

[Reference book on heating and ventilation in residential and public-building construction.] Spravochnik po teplosnabzheniyu i ventilatsii v grazhdanskom stroitel'stve. Kiev, Gos.izd-vo lit-ry po stroit. i arkhit.USSR, 1959. 846 p. (MIRA 13:4)

1. Deyatvitel'nyy chlen Akademii stroitel'stva i arkhitektury USSR (for Lobayev).
(Ventilation) (Heating)

ARTYUSHENKO, O. G., Cand Agric Sci (diss) -- "Some procedures in the agrotech-
nology of corn under the conditions of Kustanay Oblast". Alma-Ata, 1960. 19 pp
(Committee on Higher and Inter Spec Educ of the Council of Ministers Kazakh SSR,
Kazakh State Agric Inst), 200 copies (KI, No 15, 1960, 137)

ARTYUSHENKO, O.T.

Scientific activities of the Botanical Institut of the Academy
of Sciences of the Ukrainian S.S.R. in 1958. Ukr.bot.zhur. 16
no.2:103-106 '59. (MIRA 12:11)
(Ukraine--Botanical research)

SHCHEKIN, Rostislav Vladimirovich, kand. tekhn. nauk, dots.; KORENEVSKIY, Sergey Mikhaylovich, kand. tekhn. nauk, dots.; BEM, Georgiy Yevgen'yevich, dots.; ARTYUSHENKO, Mikhail Alipiyevich, inzh.; SKOROKHOD'KO, Fedor Isidorovich, dots.; LOBAYEV, B.N., doktor tekhn. nauk, prof., red.; POLTORATSKAYA, E.A., red.; SURYGINA, E.N., red.; VOLOSHCHENKO, Z.N., red.; LEUSHCHENKO, N.L., tekhn.red.

[Handbook on heating and ventilation in residential and public buildings] Spravochnik po teplosnabzheniiu i ventilatsii v grazhdanskom stroitel'stve. [By] R.V.Shchekin i dr. 2. izd., perer. i dop. Kiev, Gos.izd-vo lit-ry po stroit. i arkhitekt. USSR, 1962. 1019 p. (MIFA 16:2)

1. Deystvitel'nyy chlen Akademii stroitel'stva i arkhitektury Ukr. SSR (for Lobayev).

(Heating) (Ventilation)

ARTYUSHENKO, Ye. T.

Development of flower and fruit in the Caprifoliaceae
Trudy Bot. inst. AN SSSR. Ser. 7, No. 2, 1951

SO: MLRA. June 1952.

BARANOVA, Marina Vasil'yevna ; ARTYUSHENKO, Z.T., otv. red.

[Hyacinths; systematics, varieties, morphogenesis, and culture]
Glatsint; sistematika, sorta, morfogenez, kul'tura. Moskva,
Nauka, 1965. 126 p. (MIRA 18:11)

АНТИ-СССРСКА, С. 1.

34989 Otkrakhene razlozheniya provod uslozhnykh puchkov v svetle v zavisimosti ot osobennostey ego stroeniya. Doklady akad. Nauk SSSR, Moskva-Leningrad, T. LXX, No. 3, 1949, S. 117-122. Izdatel: Nauka.

So: Letopis' Zhurnal'nykh Statey, Vol. 13, Moskva, 1949

**Translation: Nature of the Distribution of Carrying Fascicles in Flowers
Depending on the Peculiarities of Their Structure.**

Botanical Inst. im. V. L. Komarov, AS USSR

KONOVALOV, I. N.; ARTYUSHENKO, Z. T.

Fruit - Morphology

Morphology of pod and berry types of fruit. Trudy Bot. inst. AN SSSR., Ser. 7, No. 2, 1951

9. Monthly List of Russian Accessions, Library of Congress, June² 1958. Unclassified.

1. ARTYUSHENKO, Z. T.
2. USSR (600)
4. Stock (Flower)
7. Double-petals in the stock (Matthiola).
Trudy Bot. inst. AN SSSR. Ser. 6 No. 2, 1952

9. Monthly Lists of Russian Accessions, Library of Congress, March 1953, Unclassified.

1. ARTYUSHENKO, Z. T.
2. SSSR (600)
4. Oak
7. Interaction of the growing point and the cambium in Iberian oak (*Quercus iberica* Stev.).
Trudy Bot. inst. AN SSSR. Ser. 6 No. 2. 1952

9. Monthly Lists of Russian Accessions, Library of Congress, March 1953, Unclassified.

1. АБРАМОВИЧ, Э. П.; СОКОЛОВ, С. Я.
2. USSR (600)
4. Leaves
7. On growth of the lamina of leaves of several arborescent varieties.
Bot. zhur. 37, no. 5, 1952

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

ARTYUSHENKO, Z.T.; ZAMYATNIN, B.N.; SOKOLOV, S.Ya.

Alder-like branch of birch. Bot.zhur. 38 no.3:414-418 '53. (MLBA 6:6)

1. Botanicheskiy institut im. V.L.Komorova Akademii Nauk SSSR, Leningrad.
(Botany - Curiosa and miscellany) (Trees)

ARTYUSHENKO, Z.T.; SOKOLOV, S.Ya.

Bud formation and annual shoot development in certain trees.
Trudy Bot.inst.Ser.6 no.4:139-156 '55. (MIRA 9:2)
(Buds) (Trees)

FEDOROV, A.I.A., KIRPICHNIKOV, M.E.; ARTYUSHEV, Z.T.; BARANOV, P.A.,
redaktor; SHCHERBINA, T.S., redaktor izdatel'stva; KIRNARSKAYA, A.A.,
tekhnicheskii redaktor

[Atlas of descriptive morphology of the higher plants; leaves]
Atlas po opisatel'noi morfologii vysshikh rastenii; list. Pod
obshchei red. P.A.Baranova. Moskva, Izd-vo Akademii nauk SSSR,
1956. 301 p. ---[Models for the determination of principal laminar
forms] Shablony dlia opredeleniia osnovnykh form plastirki lista.
6 l. (in pocket) (MIRA 9:9)

1. Chlen-korrespondent Akademii nauk SSSR (for Baranov)
(Leaves--Morphology)

ARTYUSHENKO, Z.T.

"The artistic anatomy of trees" [in English] by Rex Vicat Cole.
Reviewed by Z.T.Artiushenko. Bot.zhur. 41 no.9:1379 S '56.
(MLRA 9:11)

1. Botanicheskiy institut imeni V.L.Komarova Akademii nauk SSSR,
Leningrad.

(Trees) (Design, Decorative--Plant forms)
(Cole, Rex Vicat)

ARTYUSHENKO, Z.T.

On the origin of the double-type stock flowers (*Matthiola incana* R.Br.)
Dekl. AN SSSR 108 no.6:1187-1189 Je '56. (MIRA 9:10)

1. Botanicheskiy institut imeni V.L. Komarova Akademii nauk SSSR. Pred-
stavlene akademikem V.M. Sukachevym.
(*Matthiola*)

Artyushenko, Z.T.

USSR/Forestry - Dendrology.

F-3

Abs Jour : Ref Zhur - Biol., No 3, 1958, 10575

Author : Sokolov, S.Ya., Artyushenko, Z.T.

Inst : Botanical Institute

Title : Ivanov Shoots in the Pine.

Orig Pub : Botan. zh., 1957, 42, No 5, 741-745.

Abstract : The results are given of a morphological-anatomical analysis of *Pinus silvestris* L. and *P. banksiana* Lamb in the Otryndnoye Nursery of the Botanical Institute (Karelian Isthmus) where in different years up to seven growth increments were noticed in these species. The needles of the fifth and seventh growth increments did not attain normal dimensions and had a less intensive coloring. Each new growth increment is connected with renewal of the cambium activity and formation of supplementary yearly growth rings.

Card 1/1

ARTYUSHENKO, Z. T.

FEDOROV, A. A., Dr. Biol. Sci., KIRPICHNIKOV, M. E., Cand. Biol. Sci. and
ARTYUSHENKO, Z. T.

"Atlas to the Descriptive Morphology of Higher Plants."

for this work the authors were awarded the prize imeni V. L. Komarov, by Acad.
Sci. USSR, Priroda, 1958, No. 2, 113-114.

1957

ARTYUSHENKO, Z.T.; SOKOLOV, S.Ya.

Formation of buds and development of annual shoots in some trees
and shrubs. Report No.2. Trudy Bot. inst. Ser.6:72-81 '58.

(MIRA 11:10)

(Trees) (Shrubs) (Growth (Plants))

ARTYUSHENKO, Z.T.

Description of stock varieties. Trudy Bot. inst. Ser. 6:220-222
'58. (MIFA 11:10)

(Stock (Flower))

ARTYUSHENKO, Z.T.

"Snowdrops and snowflakes; a study of the genera Galanthus and
Leucojum" [in English] by F.C. Stern. Reviewed by Z.T. Artiushenko.
Bot. zhur. 43 no.6:900-904 Je '58. (MIRA 11:7)

1. Botanicheskiy institut im. V.L. Komarova Akademii nauk SSSR,
Leningrad.

(Snowdrops) (Snowflakes (Botany))
(Stern, F.C.)

ARTYUSHENKO, Z.T.

Early spring flowering ornamental plants. Trudy Bot.inst.Ser.6
no.7:485-490 '59. (MIRA 13:4)

1. Botanicheskiy institut im. V.L.Komarova AN SSSR (BIN),
Leningrad.
(Leningrad--Bulbs)

ARTYUSHENKO, Z.T.; GUSEV, Yu.D., kand.biolog.nauk; ZAYTSEV, G.N.;
ZAMYATNIN, B.N.; KNORRING-NEUSTROYEVA, O.E.; PIDOTTI, O.A.;
PILIPENKO, F.S.; POYAKOV, P.P.; RODIONENKO, G.I.;
SELIVANOVA-GORODKOVA, Ye.A.; SOKOLOV, S.Ya., prof., doktor
biolog.nauk; SMIRNOVA, A.V., tekhn.red.

[Trees and shrubs of the U.S.S.R.; wild and cultivated, and the
prospects for introduction] Derev'ia i kustarniki SSSR;
dikorastushchie, kul'tiviruemye i perspektivnye dlia introduktsii.
Moskva, Izd-vo Akad.nauk. Vol.6. [Angiosperms: Loganiceae-Compositae]
Pokrytosemnyye semeistva, Loganievye - Slozhnotsvetnye. 1962.
378 p. (MIRA 15:5)

1. Akademiya nauk SSSR. Botanicheskiy institut.
(Trees) (Shrubs)

ARTYUSHENKO, Z.T.; KHARKEVICH, S.S.

Early spring ornamental plants in the Caucasus. Trudy Bot.
inst. Ser. 6 no.8:7-31 '62. (MIRA 15:7)
(Caucasus--Plants, Ornamental)

ARTYUSHENKO, Z.T.; KHARKEVICH, S.S.

Early spring ornamental plants in the Crimea. Trudy Bot.
inst. Ser. 6 no.8:32-38 '62. (MIRA 15:7)
(Crimea—Plants, Ornamental)

ARTYUSHENKO, Zinaida Trofimovna; KIRPICHNIKOV, M.E., otv. red.
BELKINA, M.A., red. izd-va; VINOGRADOVA, N.F., tekhn.red.

[Bulbaceous and cormatose plants for outdoor growing] Lu-
kovichnye i klubnelukovichnye rasteniia dlia otkrytogo
grunta. Moskva, Izd-vo AN SSSR, 1963. 44 p.
(MIRA 17:1)

(Bulbs) (Plant introduction)

ARTYUSHENKO, Z.T.

Taxonomy of the genus *Galanthus* L. Bot. zhur. 50 no. 10: 1430-1447
0 '65. (MIRA 18:12)

1. Botanicheskiy institut imeni Komarova AN SSSR, Leningrad.

ARTYUSHENKO, L.M.

Conditions for the existence of an almost periodic solution
to a certain class of integrodifferential equations. Issl.
po int.-diff. urav. v Kir. no.1:159-166 '61. (MIRA 15:2)
(Integrodifferential equations)

FEDOROV, Aleksandr Aleksandrovich; KIRPICHNIKOV, Moisey El'yevich;
ARTYUSHENKO, Zinaida Trofimovna; BARANOV, P.A., red.; ARONS,
R.A., rekhn. red.; SMIRNOVA, A.V., tekhn. red.

[Atlas on the descriptive morphology of higher plants; stem and
root] Atlas po opisatel'noi morfologii vysshikh rastenii; stebel'
i koren'. Pod obshchei red. P.A. Baranova. Moskva, Izd-vo Akad.
nauk SSSR, 1962. 349 p. (MIRA 15:7)

1. Chlen-korrespondent Akademii nauk SSSR (for Baranov).
(Botany—Morphology)

DEM'YANCHENKO, G.F.; MORDASOV, P.M.; BITYUKOV, P.A.; KHREBTOVICH, Ye.G.;
MAYEVSKIY, A.D., veterinarnyy vrach; SYT'KOV, V.P., veterinarnyy fel'dsher; ARTYUSHENYA, A.N., veterinarnyy fel'dsher.

Simultaneous protection of cattle from ixodid ticks and blood-sucking insects. Veterinariia 37 no.4:81-82 Ap'60.

(MIRA 16:6)

1. Nauchno-issledovatel'skiy veterinarnyy institut Akademii sel'skokhozyaystvennykh nauk SSSR (for Dem'yanchenko, Mordasov, Bityukov). 2. Glavnyy veterinarnyy vrach sel'skokhozyaystvennoy inspeksii Glusckogo rayona (for Khrebtovich). 3. Glusckaya rayonnaya veterinarnaya lechebnitsa (for Mayevskiy)
(INSECT BAITS AND REPELLENTS) (PARASITES--CATTLE)

ARTYUSHEVSKIY, G.N.; YERMOLENKO, N.F.

Absorption desulfuration of petroleum. Report No.1. Dokl.
AN BSSR 3 no.9:370-371 S '59. (MIRA 13:2)
(Desulfuration) (Petroleum--Refining)

VASILEVSKAYA, A.D.; ARTYUSHEVSKIY, G.N., red.

[Chemistry in the publications of White Russian scientists;
bibliography for 1945-1963] Khimija v izdaniakh uchenykh
Belorussii; bibliograficheski ukazatel' literatury 1945-
1963 gg. Minsk, Nauka i tekhnika, 1964. 225 p.

(MIRA 17:12)

1. Akademiya navuk BSSR, Minsk. Fundamental'naya biblioteka.

ARTYUSHEVSKIY, N., podpolkovnik

Apparatus for drilling blasting holes in frozen ground. Voen.-
insh.zhur. 97 no.2:38-39 F '53. (MIRA 12:4)
(Boring machinery)

ARTYUSHIN, A.A., student; TSFAS, B.S., dotsent, nauchnyy rukovoditel'
raboty; KRESTOVSKIY, I.A., starhiy prepodavatel', nauchnyy
rukovoditel'raboty

Volume of a fluid in a cylindrical horizontally laying tank
with spherical bottoms in case of a partial filling of the
tank with fluid. Sbor.dokl.Stud.nauch.ob-va Fak.mekh.sel'.
Kuib.sel'khoz.inst. no.1:8-16 '62. (MIRA 17:5)

1. Kuybyshevskiy sel'skokhozyaystvennyy institut.

ARTYUSHIN, A.A., student; LUPTAKOV, A.Ya., student; TSFAS, B.S.,
dotsent, nauchnyy rukovoditel'raboty

Precision of the determination of the volume of a fluid in
a cylindrical horizontally laying tank with spherical bottoms
in case of a partial filling of the tank with fluid. Sbor.
dokl.Stud.nauch.ob-va Fak.mekh.sel'. Kuib.sel'khoz. inst. no.1:
23-26 '62. (MIRA 17:5)

1. Kuybyshevskiy sel'skokhozyaystvennyy institut.

Art. 11:4 no. 4, 11:4
GRUZDEV, G.S., kand. sel'skokhozyaystvennykh nauk; YAKOVLEV, A.P.,
kand. sel'skokhozyaystvennykh nauk; ARTYUSHIN, A.M., agronom

Corn cultivation in Moscow Province. Zemledelie 6 no. 4:50-54
Ap '58. (MIRA 11:4)

(Moscow Province--Corn (Maize))

ARTYUSHIN, K.I.

Modification of the electric circuit of ZIU-5 trolleybuses. Rats.
predl. na gor. elektrotransp. no.9:8-10 '64.

(MIRA 18:2)

1. Tramvayno-trolleybusnoye upravleniye Chelyabinska.

~~ARTYUSHIN, I. F.~~

Masking can improve color transfer. Sev.foto 17 no.1:25-29
Ja '57. (MIRA 10:7)

(Color photography)

ARTYUSHIN, L.F.; SHUBINA, G.Ye.; ANTONOV, S.M.; KIRILLOV, N.I.; LEVITAN,
A.Yu.; MIKOSHA, V.V.; PLUZHNIKOV, B.F.; IOFIS, Ye.A., kand.tekhn.
nauk, red.; TELESHEV, A.N., red.; CHICHERIN, A.N., tekhn.red.

[Color photograph] TSvetnaya fotografiya. Pod red. E.A.Iofisa.
Moskva, Gos.isd-vo "Iskusstvo," 1958. 208 p. (Biblioteka foto-
liubitelia, no.12) (MIRA 12:4)

(Color photograph)

ARTYUSHIN, L.F.

Equation of color transfer. Zhur. nauch. i prikl. fot. i kin.
3 no.2:120-127 Mr-Apr '58. (MIRA 11:5)

1. Vsesoyuznyy nauchno-issledovatel'skiy kinofotoinstitut.
(Color photography)

ARTYUSHIN, L.I.

Transfer from color to light characteristics. Tekh. kino i tele'.
no.6:55-62 Je '58. (MIRA 11:6)

1. Vsesoyuznyy nauchno-issledovatel'skiy kinofotoinstitut.
(Color photography)

SOV/77-4-1-3/22

AUTHORS: Artyushin, L.F., and Semenova, N.F.

TITLE: Non-Linear Characteristics of Color Separation
(Nelineynyye tsvetodelitel'nyye kharakteristiki)

PERIODICAL: Zhurnal nauchnoy i prikladnoy fotografii i kine-
matografii, 1959, Vol 4, Nr 1, pp 20-31 (USSR)

ABSTRACT: In order to determine the characteristics of color
separation with utmost precision, the authors used,
in the experimental part of their work, the color-
sensitive layer of the DS-2 negative film. The test
objects were exposed to the color sensitometer NIKFI
TsS-2, the photographic processing was done under
factory conditions, the developed samples were meas-
ured with the aid of the color-densitometer NIKFI
TsD-4, and the surface concentrations of the nega-
tive colorant were counted on the basis of the data
obtained by measuring. Since the linear formula
does not permit a counting of the effective densi-
ties within entire interval of the surface concen-

Card 1/3

SOV/77-4-1-3/22

Non-Linear Characteristics of Color Separation

tractions of colorants with the necessary accuracy, a more precise quadratic formula was built on the basis of prolonged color separation experiments. The coefficients of this formula were called non-linear color separation characteristics of the light-sensitive receiver. The numerical values of these coefficients are determined by individual effective densities and non-linear deviations. The authors show that in the case of disturbed additive properties of the effective densities the calculation error may reach plus/minus 0.02 at individual instances if the linear formula has been employed, while the error does not exceed a mean plus/minus 0.06 when the quadratic formula was applied in the calculation. The quadratic formulae for given cases are established and discussed.

Card 2/3

SOV/77-4-1-3/22

Non-Linear Characteristics of Color Separation

There are 3 graphs, 6 tables, and 3 Soviet references.

ASSOCIATION: Vsesoyuznyy nauchno-issledovatel'skiy kinofotoinstitut (NIKFI) (The All-Union Scientific Research Institute for Motion Pictures and Photography (NIKFI))

SUBMITTED: March 3, 1958

Card 3/3

23(

SOV/77-4-3-7/16

AUTHOR: Artyushin, L.F.

TITLE: Non-linear COLOR Correction With Intensifying Negative Masks. I: The System of the Process and its Color Separation Experiments

PERIODICAL: Zhurnal nauchnoy i prikladnoy fotografii i kinematografii, 1959, Vol 4, Nr 3, pp 202-209 (USSR)

ABSTRACT: The author has developed a method of color correction with the aid of non-linear intensifying negative masks in the case of non-linear correlation between effective optical densities and surface concentrations of the colorants. The article, which is to be completed by a study concerning the method of calculating the sensitometric magnitudes of intensifying negative masks, is divided into three parts. The first part is a description of methodical color separation experiments, which permit the determining of the characteristics of the color process. The experiments included con-

Card 1/4

SOV/77-4-3-7/16

Non-linear Color Correction With Intensifying Negative Masks.

I: The System of the Process and its Color Separation Experiments

sideration of color shifts as due to (1) the mutual effect of color transfers in imbibition and poly-graphic processes and (2) the mutual effect of layers in positive color films. In order to avoid these shifts, the authors used specially prepared test materials. The second part is a description of one of the methods of non-linear masking. This method is based on the use of so-called "intensifying" negative masks fit for correction of color separation black-white negatives and color negatives. These masks are different from the usual type (1) by the method of their preparation and (2) by their behavior towards the gradational characteristics of the color process. The printing of these masks is performed from negatives coupled with intermediate positives. The negative image must be color separated in one spectral region, the positive image - in another.

Card 2/4

SOV/77-4-3-7/16

Non-linear Color Correction With Intensifying Negative Masks.
I: The System of the Process and its Color Separation Experiments

Due to the coupling of negative with positive, the gradation of gray tones on the mask can be eliminated. The use of intensifying masks, therefore, does not have an effect on the gradational characteristics of the color process. This circumstance permits the use of photographic materials with non-linear characteristic curves for the preparation of these masks. The third part contains the equation of color transfer for the masks (10) and the equation for the gradational characteristics of the color process (11). Together with the equation for the color separation characteristics of the color process ((1) in the first part), these equations are necessary and sufficient for a quantitative expression of color transfer. There are 2 graphs and 7 Soviet references.

Card 3/4

SOV/77-4-3-7-16

Non-linear Color Correction With Intensifying Negative Masks.
I: The System of the Process and its Color Separation Experiments

ASSOCIATION: Vsesoyuznyy nauchno-issledovatel'skiy kinofotoinsti-
tut (NIKFI) (All-Union Scientific Research Institute
of Motion Pictures and Photography)

SUBMITTED: 29 April, 1958

Card 4/4

ARTYUSHIN, L.F.

Nonlinear color separation correction by means of intensifying
negative masks. Zhur.nauch.i prikl.fot.i kin. 5 no.2:101-107
Mr-Apr '60. (MIRA 14:5)

1. Vsesoyuznyy nauchno-issledovatel'skiy kinofotoinstitut (NIKFI).
(Color photography--Printing processes)

ARTYUSHIN, L.E.; SHUBINA, G.Ye.; ANTONOV, S.M.; KIRILLOV, N.I.;
LEVITAN, A.Yu.; MIKOSHA, V.V.; PLUZHNIKOV, B.F.; IOFIS,
Ye.A., kand. tekhn.nauk, red.; FOMIN, A.A., red.; GORINA,
V.A., tekhn. red.

[Color photography] TSvetanaia fotografia. Izd.2., ispr. 1
dop. Pod red. E.A.Iofisa. Moskva, Iskusstvo, 1961. 228 p.
(Biblioteka fotoliubitelia, no.13) (MIRA 16:5)
(Color photography)

OVECHKIS, N.S.; ARTYUSHIN, L.F.; GERASIMOVICH, M.N.

Zonal system of three-color coordinates as applicable to color
photographic processes. Usp. nauch. fot. 8:155-160 '62.
(MIRA 17:7)

~~ARTYUSHIN, L.F.; SEMENOVA, N.F.~~

Comprehensive color separation tests of the color photographic
process. Zhur.nauch.i prikl.fot.i kin. 7 no.6:418-432 N-D '62.
(MIRA 15:12)

1. Vsesoyuznyy nauchno-issledovatel'skiy kinofotoinstitut.
(Color photography) (Spectrum analysis)

ARTYUSHIN, L.F.; BONGARD, S.A.

Determining the parameters of the nonlinear color-separation
correction. Zhur. nauch. i prikl. fot. i kin. 9 no.3:174-183
My-Je '64. (MIRA 18:11)

1. Vsesoyuzny nauchno-issledovatel'skiy kinofotoinstitut
(NIKFI). Submitted March 20, 1963.

BOGOLYUBOV, A.P.; ARTYUSHIN, N.A., starshiy elektromekhanik

How we eliminated the malfunctioning of the sectional cutoff drives. Elek.i tepl.tiaga 6 no.2:9-10 F '62. (MIRA 15:2)

1. Nachal'nik remontno-revisionnyy tsekh Kurganskogo uchastka energosnabzheniya (for Bogolyubov).
2. Remontno-revisionnyy tsekh Kurganskogo uchastka energosnabzheniya (for Artyushin).

ARTYUSHIN, N.K.; SUVOROV, G.Ya., starshiy inzh.

Construction and adjustment of a radio relay line using RM-24/A
apparatus. Vest. svyazi 22 no.5:6-8 My '62. (MIRA 15:5)

1. Glavnyy inzh. Volgogradskoy mezhdugorodnoy telefonnoy stantsii
(for Artyushin).

(Radio relay systems)

ARTYUSHIN, N.K.

Some pressing problems in the operation of long-distance telephone exchanges. Vest, sviazi 24 no.9:16-17 S '64. (MIRA 17:11)

1. Glavnyy inzh. Volgogradskoy mezhdugorodnoy telefonnoy stantsii.

ARTYUSHIN, Stepan Petrovich; SIMONOV, K.A., redaktor; ROMANOVA, L.A.,
redaktor; SABITOV, A., tekhnicheskiy redaktor

[Flotation machines in coal dressing plants] Flotatsionnye
mashiny na ugleobogatitel'nykh fabrikakh. Moskva, Ugletekhnicheskaya, Ugletekhnicheskaya, Ugletekhnicheskaya,
1955. 45 p. (MIRA 9:2)

(Coal preparation)

PROTSENKO, Ivan Akimovich,; ARTYUSHIN, S.P., otv. red.; GARBER, T.S., red. izd-va,;
KOROYENKOVA, Z.A., tekhn. red.

[Principles of coal preparation] Osnovy obogashchenia uгля.
Moskva, Ugletekhizdat, 1958. 181 p. (MIRA 11:11)
(Coal preparation)

ARTYUSHIN, Stepan Petrovich; RUDENKO, K.G., dotsent, otv.red.; GARBEN,
T.N., red.led-vst; ALADOVA, Ye.I., tekhn.red.

[Collection of problems on coal preparation] Sbornik zadach
po obogashcheniu uglia. Pod red. K.G. Rudenko. Moskva,
Ugletekhizdat, 1958. 230 p. (MIRA 12:2)
(Coal preparation)

ARTYUSHIN, Stepan Petrovich; RUDENKO, K.G., kand. tekhn. nauk,
retsenzent; ROMANOVA, L.A., red. izd-va; MINSKER, L.I.,
tekhn. red.

[Design of coal preparation plants]Proektirovanie ugleoboga-
titel'nykh fabrik. Moskva, Gosgortekhnizdat, 1962. 183 p.
(MIRA 15:10)

(Coal preparation plants)

PREYGERZON, Grigoriy Izraylevich, dots., kand. tekhn. nauk; KLASSEN
V.I., doktor tekhn. nauk, prof., retsenzent; ARTYUSHIN,
S.P., inzh., retsenzent

[Coal preparation] Obogashchenie uglia. Moskva, Nedra,
1964. 539 p. (MIRA 17:12)

ARTYUSHIN, V.I.

Integrated organization of labor at the Levikha Mine. Gor zhur.
no.6:69-70 Je '61. (MIRA 14:6)

1. Staryiy normirovshchik Levikhinskogo rudnika.
(Levikha region--Mine management)

MALAKHOV, Anatoliy Alekseyevich; IVANOV, S.N., prof., retsenzent;
POKROVSKAYA, I.M., prof., retsenzent; CHERNOUSOV, Ya.M.,
doktor geologo-mineral.nauk, retsenzent; ARTYUSHINA, V., red.:

[Stone documents] Kamennye dokumenty. Sverdlovskoe knizhnoe
izd-vo, 1957. 178 p. (MIRA 12:1)

(Geology)

USSR / Human and Animal Physiology. Blood. Form Elements. T

Abs Jour: Ref Zhur-Biol., No 22, 1958, 101791.

Author : Pyshkin, A. S.; Artyushkevich, V. S.

Inst : Smolensk Medical Institute

Title : The Leucocytic Reaction to Cooling and Roentgen Rays (Gamma-Rays).

Orig Pub: Sb. nauchn. rabot. stud. Smolenskiy med. in-t, 1957, vyp. 6, 65-70.

Abstract: Tests were made on 3 series of mice: one, subjected to general single irradiation of 350 r with preliminary and subsequent cooling in a refrigerator under 4°; another, irradiated with the same dose without cooling; and the third, subjected to cooling without irradiation. In the I series, in the first 2 days leucocytosis (up to 18,000 in 1 mm³) and from the 5th day leucopenia (5500) and

Card 1/2

21

Run

ARTYUSHKIN, A. K. Cand Phys-Math Sci -- (diss) "Method of approximation
in the conformal transformation of rings in ~~the~~ doubly-connected regions."
Kazan', 1957. 4 pp (Kazan' State Univ im V. I. Ul'yanov-Lenin), 120 copies
(KL, 13-58, 92)

ARTYUSHKOV, L.S., inzh.

Yugoslav Research Institute of Shipbuilding. Sudostroenie 27 no.3:58-
61 Mr '61. (MIRA 14:3)

(Yugoslavia--Shipbuilding)

ARTYUSHKOV, L.S., inzh.; VOYTKUNSKIY, Ya.I., kand.tekhn.nauk

Determination of the frictional resistance of seagoing freighters.
Sudostroenie 28 no.2:19-23 F '62. (MIRA 15:3)
(Frictional resistance (Hydrodynamics))

ARTYUSHKOV, L.S., inzh.

Effect of the channel on the towing resistance of the model,
Sudostroenie 30 no.7:13-14 J1 '64. (MIRA 18:9)

VOYTKUNSKIY, Ya.I.; ARTYUSHKOV, L.S.

Effect of the shape of hull design on ship propulsion in rough
waters. Trudy LKI no.34:29-38 '61. (MIRA 15:8)

1. Kafedra teorii korablya Leningradskogo korablestroitel'nogo
instituta.
(Hulls (Naval architecture)) (Ships---Hydrodynamics)

ARTYUSHKOV, M.L.

Resources of agriculture in the Crimea. Zemledolie 27 no.11
12-15 Ja '65. (MIRA 18:3)

1. Nachal'nik otдела po zemlepol'zovaniyu Krymskogo oblastnogo
upravleniya proizvodstva i zagotovok sel'skokhozyaystvennykh
produktov.

MIKHAYEV, Grigor'yevich; ANTYUSHKOV, M., red.

[Larger crops for our country] Rodine - bol'she khleba.
Simferopol', Krym, 1964. 17 p. (MIRA 18:1)