

Lub'yanov, I.P.

MEL'NIKOV, G.B.; LUB'YANOV, I.P.

Prediction of the biological regimen in the Dneprodzerzhinsk Reservoir. Dop. AN URSR no.2:191-195 '57. (MLRA 10:5)

1. Dnipropetrovs'kiy naukovo-doslidniy institut gidrobiologii.
Predstaviv akademik AN URSR D.K. Zerov.
(Dneprodzerzhinsk Reservoir--Fresh-water flora)

LUBYANOV, I.P.

Bioecological characteristics of benthonic fauna of the middle
Dnieper in connection with hydraulic construction work. Trudy
probl. i tem. sov. no.7:181-187 '57. (MLBA 10:4)
(Dnieper River--Fresh-water fauna)

COUNTRY : USSR B-6
CATEGORY :
ABST. JOUR. : ZEBiol., No. 1, 1959, No. 366
AUTHOR : Lubyanov, I. P.
INST. :
TITLE : Benthic Fauna of Lower Dnieper and of the
Kakhovskoye Reservoir During the First Year
of Its Establishment
ORIG. PUB. : Zool. zh., 1957, 36, No 6, 820-830

ABSTRACT : Building of the dam and establishment of the
Kakhovskoye reservoir brought about, within the first
year thereafter, far reaching changes in the benthic
fauna. In place of the formerly prevailing psammo-rheo-
philic biocenoses, fairly extensive pelo(rheo)philic and
phyto(rheo)philic biocenoses of the reservoir began to
form. The feeding areas of fish have increased.
N. Yu. Sokolova.

CARD:

79

LUBYANOV, I.P.

Bottom fauna of Simferopol' Reservoir (Crimea) during the first
two years of its existence. Nauch.dokl.vys.shkoly; biol.nauki
no.1:12-15 '58 (MIRA 11:8)

1. Predstavlena Institutom gidrobiologii Dnepropetrovskogo gosudarstven-
nogo universiteta im. 300-letiya vossoyedineniya Ukrainy s Rossiyey.
(SIMFEROPOL' RESERVOIR--FRESH-WATER FAUNA)

LUBYANOV, I.P.

Bottom fauna of the Greater and Lesser Utlyug Rivers and factors governing its existence. Nauch.dokl.vys.shkoly;biol.nauki no.3: 7-13 '58. (MIRA 11:12)

1. Predstavlena institutom gidrobiologii Dnepropetrovskogo gosudarstvennogo universiteta imeni 300-letiya vossoyedineniya Ukrainy s Rossiyey.
(Utlyug River--Fresh-water fauna)

AUTHOR: Lubyanov, I.P. 21-58-7-26/27

TITLE: Benthonic Fauna Distribution in the Psël River in Connection with the Presence of a Reservoir Cascade (Rasprostraneniye donnoy fauny v reke Psle v svyazi s nalichiyem kaskada vodokhranilishch)

PERIODICAL: Dopolvidi Akademii nauk Ukrainskoi RSR, 1958, Nr 7, pp 793-796 (USSR)

ABSTRACT: The author describes some regularities in distribution of benthonic fauna in the five reservoirs of the Psël River (a left tributary of the Dnëpr) and in those sections of the river which are not yet controlled by hydraulic engineering structures. He presents the latest data on the qualitative and quantitative composition of the benthonic fauna in the system of reservoirs in question. The author advocates that corresponding measures should be taken to improve and enrich the natural nourishment basis of these reservoirs on account of the useful invertebrates which are absent there. There are 2 tables and 3 Soviet references.

Card 1/2

21-58-7-26/27

Benthonic Fauna Distribution in the Psel River in Connection with the Presence of a Reservoir Cascade

ASSOCIATION: Dnepropetrovskiy nauchno-issledovatel'skiy institut gidrobiologii (Dnepropetrovsk Scientific Research Institute of Hydrobiology)

PRESENTED: By Member of the AS UkrSSR, A.P. Markevich

SUBMITTED: No date indicated

NOTE: Russian title and Russian names of individuals and institutions appearing in this article have been used in the transliteration.

1. Aquatic animals--USSR 2. Inland waterways--USSR

Card 2/2

MEL'NIKOV, G.B.; LUBYANOV, I.P.

Formation of zooplankton and benthonic fauna in Simferopol'
Reservoir in the Crimea [with summary in English]. Zool. zhur.
37 no. 6:820-831 Je '58. (MIRA 11:7)

1. Nauchno-issledovatel'skiy institut gidrobiologii Dnepropetrovskogo
gosudarstvennogo universiteta.
(Simferopol' Reservoir--Fresh-water fauna)

MEL'NIKOV, G.B.; LUBYANOV, I.P.

Forecasting the biological regimen of Dneprodzerzhinsk Reservoir.
Vop. ikht. no.13:90-107. '59. (MIRA 13:3)

1. Nauchno-issledovatel'skiy institut gidrobiologii Dnepropetrovskogo
gosudarstvennogo universiteta im. 300-letiya vossoyedineniya Ukrainy
s Rossiyey.
(Dneprodzerzhinsk Reservoir--Fresh-water biology)

LUBYANOV, I.P.

Benthonic fauna in bottom-land waters of the middle Dnieper in the future inundation area of Dneprodzerzhinsk Reservoir. Zool. zhurn. 38 no.11:1612-1619 N '59 (MIRA 13:3)

1. Research Institute of Hydrobiology, Dnepropetrovsk State University.
(Dneprodzerzhinsk region--Benthos)
(Kremenchug region--Benthos)

LUBYANOV, I.P.

Discussion of problems concerning the interrelationships of biology,
physics, and chemistry at the Dnepropetrovsk University. Nauch.dokl.
vys.shkoly: biol.nauki no.4:227-228 '60. (MIRA 13:11)
(BIOLOGICAL RESEARCH)

LUBYANOV, I.P.

Effect of industrial waste waters on the bottom fauna of
Dneprodzerzhinsk Reservoir. Vop. ikht. no.15:173-182 '60.
(MIRA 13:9)

1. Institut gidrobiologii pri Dnepropetrovskom gosudarstvennom
universitete.
(Dneprodzerzhinsk Reservoir--Benthos) (Water--Pollution)

LUBYANOV, I.P.

Some data on the composition of the bottom fauna of Molochnyy
Lagoon in the Sea of Azov region. Biul. MOIP. Otd. biol. 65
no.1:55-60 Ja-F '60. (MIRA 13:7)
(MOLOCHNOYE, LAKE--BENTHOS)

LUBYANOV, I.P., kand.biologicheskikh nauk

Hydrobiological research in the middle course of the Dnieper
River in connection with the construction of the Dneprodzerzhinsk
Hydroelectric Power Station. Vest. Dnep. nauch.-issl. inst.
gidrobiol. 12:3-12 '60. (MIRA 14:12)
(Dnieper River--Fresh-water biology)
(Dneprodzerzhinsk Reservoir--Fresh-water biology)

LUBYANOV, I.P., kand.biologicheskikh nauk

Bottom fauna of the middle Dnieper water system in the Kremenchug-
Dneprodzerzhinsk section. Vest. Dnep. nauch.-issl. inst.
gidrobiol. 12:115-113 '60. (MIRA 14:12)
(Dnieper Valley--Benthos)

LUBYANOV, I.P.

Studying radioactivity of benthal fauna in fresh water. Radiobiologia
2 no.2:255-258 '62. (MIRA 15:4)

1. Nauchno-issledovatel'skiy institut gidrobiologii, Dnepropetrovsk.
(BENTHOS) (RADIOACTIVE SUBSTANCES)

LUBYANOV, I.P.

Characteristics of the bottom fauna of the Kal'mius and Gruzskoy
Elanchik Rivers of the northern shore of the Sea of Azov. Zool.
zhur. 41 no.4:498-502 Ap '62. (MIRA 15:4)

1. Research Institute of Hydrobiology, State University of
Dnepropetrovsk.

(Azov Sea region--Benthos)

LUBYANOV, I.P.

Semiconductor devices in hydrobiological research. Vop. ekol.
4:125-128 '62. (MIRA 15:11)

1. Institut gidrobiologii universiteta, Dnepropetrovsk.
(Hydrobiological research) (Semiconductors)

LUBYANOV, I.P.

Bottom fauna of the Berda River and Berda Reservoir. Zool.
zhur. 43 no.12:1767-1772 '64 (MIRA 18:2)

1. Nauchno-issledovatel'skiy institut gidrobiologii Dnepro-
petrovskogo gosudarstvennogo universiteta.

LUBYANOV, I.F.

Problems of technical hydrobiology as related to the protection of water supply systems against biological overgrowth. Gidrobiol. zhur. 1 no.1:33-41 '65. (MIRA 18:5)

1. Nauchno-issledovatel'skiy institut gidrobiologii Odesopetrovskogo gosudarstvennogo universiteta.

NOROKHA, Yu.M.; LUBYANOV, I.P.; BOCCOLYUBOVA, M.M.

Results of studying an electrochemical technique for protecting
water conduits from Dreissena and corrosion. Elek. sta. 36
no.8:29-33 Ag 1955.

(MIRA 18:8)

SKABLANOVICH, I.A. . [Skabalanovych, I.A.]; LUB'YANOY, M.F. [Lub'ianyi, M.F.]

Underground water level along the coastal line of the Kakhovka Reservoir during the first two years. Geol. zhur. 19 no.3:78-84 '59. (MIRA 12:10)
(Kakhovka Reservoir--Water, Underground)

LUBYANSKAYA, G.

Let the Pioneers' orchards bloom! IUn. nat. no.10:24-25 O '58.
(MIRA 11:10)

1.Sekretar' Tul'skogo oblastnogo komiteta Vsesoyuznogo Leninskogo
Kommunisticheskogo soyuza molodezhi.
(Tula Province--Fruit culture)

LUBYANSKAYA, M.G.

36870. LUBYANSKAYA, M.G. i SHATALIN, A.S. Nekotoryye biokhimicheskiye pokazateli krovi bol'nykh giperotonicheskoy bolezni, lechennykh radonobnymi vannami ili umipolyarno-otritsatel'noy ionizatsiyey. Trudy Uzbek. gos. nauch.-issled. in-ta kurortologii i fizioterapii im. Semashko, sbll , 1949, c. 263-69

SO: Letopis' Zhurnal'Nykh Statey, Vol. 50, Moskva, 1949

"APPROVED FOR RELEASE: 04/03/2001

CIA-RDP86-00513R001030710013-5

APPROVED FOR RELEASE: 04/03/2001

CIA-RDP86-00513R001030710013-5"

IUBYANSKAYA, M.G.; SEMASHEV, R.T.; SEPETAYA, A.N.

Hydrogeological conditions of the producing strata of the Naryn monocline. Neftegaz.geol. i geofiz. no.8:35-39 '64. (MIRA 17:9)

1. Sredneaziatskiy filial Vsesoyuznogo nauchno-issledovatel'skogo instituta prirodnogo gaza.

LUBYANSKAYA, M.G.; TALPOV, Sh.T.

Determination of fluorine in aqueous solutions. Uzb. khim.
no.1:18-27 '60. (MIRA 14:4)

1. Sredneaziatskiy gosudarstvennyy universitet imeni V. I. Lenina
i Uzbekskiy nauchno-issledovatel'skiy institut kurortologii fizi-
oterapii imeni Semashko.
(Flourine--Analysis)

LUBYANSKAYA, M. G.

Cand Chem Sci - (diss) "Determination of small amounts of fluoride ion in aqueous solutions." Tashkent, 1961. 10 pp; (Ministry of Higher and Secondary Specialist Education Uzbek SSR, Central Asiatic Polytechnic Inst); 250 copies; price not given; (KL, 5-61 sup, 176)

LUBYANSKAYA, M.G.

Physical properties and chemical composition of Tashkent natural
therapeutic water. Trudy Uz. gos. nauch.-issl. inst. kur. i
fizioter no.15:39-45 '59. (MIRA 14:9)
(MINERAL WATERS)

PODKACHEVA, T.V.; ISKULOVA, G.G.; LUBYANSKAYA, M.G.; SHTEYNER, I.V.

Liver function in hypertension. Trudy Uz.gos.nauch.-issl. inst.kur.
i fizioter. 13:103-109 '55.

Liver function in hypertension treated with hydroaerionization
by Professor E.A.Cherniavskii's method. Ibid.:215-218

Liver function in hypertension treated with radon baths. Ibid.:
275-278 (MIRA 18:2)

LUBYANSKIY, G.A. (g. Gorno-Altaysk)

Two experiments with a mirror galvanometer. Fiz.v shkole 22
no.6:51-53 N-D '62. (MIRA 16:2)
(Physics--Experiments) (Galvanometer)

LUBYANSKIY, L.P.

VOROB'YEV, A.A.; GONCHAROV, B.S.; LUBYANSKIY, L.P.; MARKOVICH, A.V.

Relation of the blood level of a specific anatoxin and the degree of immunity to tetanus toxin in white mice immunized with sorbed tetanus anatoxin [with summary in English] Biul. eksp. biol. i med. 43 no.2:63-66 F '57 (MLRA 10:5)

1. Iz Voenno-morskoy meditsinskoy akademii, Leningrad. Predstavlena deystvitel'nym chlenom AMN SSSR P.F. Zdrodovskim.

(TETANUS, immunology,

relation of blood anatoxin level to degree of immun. to toxin in white mice immun. with anatoxin) (Rus)

LUBYANSKIY, Ya.N.; POLOSIN, A.V.

Optimum conditions for the standardization of scintillation zero-
radiometer. Razved. geofiz no.2:102-103 '64. (MIRA 18:5)

L 24658-65 EWT(1)/EWT(m) DIAAP CW
ACCESSION NR: AT4049519

S.5702/64/000/016/0101/0105

AUTHOR: Lubyanskiy, Ya. N.

10
ST

TITLE: Accelerated processing of field data produced by radiometric measurements

SOURCE: USSR. Glavnoye upravleniye geologii i okhrany* nedr. Geofizicheskaya Razvedka, no. 16, 1964, 101-105

TOPIC TAGS: thoron decay, radon decay, ionization current, slide rule, gamma logging, intensity scale module, gamma radiation, drive pipe, borehole radiometry 19

ABSTRACT: Citing the system of equations required for calculating the concentration of radon and thoron, and the formulas resulting from the solution of the mentioned equations, the author proposes a slide rule of his own design that can be used for the same purpose (consists of one fixed and two mobile parts on slide and transparent sliding contact with graduation line). The use of the rule facilitates the calculation of radon and thoron concentrations in ground air samples, and reduces the number of equations to be used. A new method of correcting well logs is also described. The author also describes a new method of correcting well logs. The author also describes a new method of correcting well logs. The author also describes a new method of correcting well logs.

Card 1/2

L 24658-65

ACCESSION NR: AT4049519

radiation, followed by the construction of a new scale which indicates the magnitude of the directly corrected intensity of gamma radiation. The new scale moduli calculated for each interval with a known correction factor constructed on the logging diagram and used to determine the gamma radiation of a particular interval. Orig. art. has: 4 formulas and 2 figures

ASSOCIATION: None

SUBMITTED: 00

ENCL: 00

SUB CODE: ES, MA

NO REF SOV: 004

OTHER: 000

Card 2/2

ACCESSION NR: AP4026247

S/0122/64/000/003/0056/0061

AUTHORS: Noritsyⁿ, I, A. (Doctor of technical sciences, Professor); Lubyanskiy, Yu. I. (Engineer)

TITLE: Deformation of metals with electric spark discharges in a liquid

SOURCE: Vestnik mashinostroyeniya, ⁴⁴no. 3, 1964, 56-61

TOPIC TAGS: electric discharge, metal forming, blast forming, metal sheet forming

ABSTRACT: The use of electric discharges in a liquid to form metal parts by a method shown schematically in Fig. 1 on the Enclosure was investigated. An RC circuit is used to discharge electric energy into a fluid (during a characteristic time $T = RC$), causing a shock wave which deforms the metal blank into the die. The amount of energy imparted to the shock wave depends upon the circuits used and the distance and geometry of the electrodes. An overall efficiency of 30% can be achieved. It has been found that the positive electrode should be conical and grounded while the negative electrode should have a comparatively large area and should be connected to the negative terminal of the energy supply. It was also determined that an optimum voltage exists for best results with a

Card 1/3

ACCESSION NR: AP4026247

given discharge energy. For the intermediate energy range (1250-7200 joules) the optimum voltage was found experimentally as 30 kv. The relation

$$d = K \frac{D}{tR} W^{0.5}$$

was also established for a disk. Here d = deformation of sample, K = coefficient which depends on the electrode separation and material, D = die diameter, t = sample thickness, R = distance between arc and die, W = energy released during discharge. The use of this method to produce various cylindrical shapes is also discussed. Orig. art. has: 6 figures and 1 formula.

ASSOCIATION: none

SUBMITTED: 00

DATE ACQ: 20Apr64

ENCL: 01

SUB CODE: MM,GP

NO REF SOV: 007

OTHER: 006

Card 2/3

ACCESSION NR: AP4026247

ENCLOSURE: 01

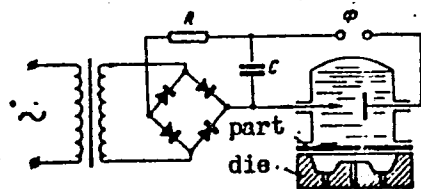


Fig. 1. Schematic of process

Card 3/3

ACC NR: AP7004798

SOURCE CODE: UR/0413/67/000/001/0136/0136

INVENTOR: Noritsyn, I.A.; Lubyanskiy, Yu.I.

ORG: none

TITLE: Die-forging press. Class 58, No. 190212

SOURCE: Izobreteniya, promyshlennyye obraztsy, tovarnyye znaki, no. 1, 1967, 136

TOPIC TAGS: high energy rate forging, electrohydraulic forging, electrohydraulic forging press, explosive forming

ABSTRACT:

This Author Certificate introduces a pulsed-action electrohydraulic forging press. To make possible simultaneous application of a static pressure, the table of the press can be moved up and down by a hydraulic drive. [DV]

SUB CODE: 13/ SUBM DATE: none/ ATD PRESS: 5114

Card 1/1

UDC: 621.226

VLASENKO, V.G. [Vlasenko, V.H.]; LUBVANYI, V.V. [Lubovany, V.V.];
KOROTKIY, V.I.; SHPETNYI, A.I. [Shpetnyi, A.I.]

Spark chamber. Ukr. fiz. zhur. 10 no.1(2)-2(4) 1965. (SIRA 18-4)

1. Fiziko-tekhnicheskii Institut AN UkrSSR, Kiev.

MAZGAJ, Witold; BARAN, Kazimierz; BIELECKI, Wacław; LUC, Edward

Studies on obtaining magnesium oxide from serpentinite coming
from Upper Silesian deposits. Przem chem 41 no.5:257-259 My '62.

1. Instytut Nawozow Sztucznych, Tarnow.

MAZGAJ, Witold; BARAN, Kazimierz; LUC, Edward; KWIECIEN, Jozef; BIELECKI, Wacław

Study on the preparation of the fertilizer dicalcium phosphate without applying the defluorination of phosphoric acid. Przem chem 41 no.3:145-147 Mr '62.

1. Instytut Nawozow Sztucznych, Tarnow

MAZGAJ, Witold; BARAN, Kazimierz; LUC, Edward

Analytical problem of determining P_2O_5 in fertilizer disodium phosphorane. Przem chem 41 no.10:543-545 0 '62.

1. Instytut Nawozow Sztucznych, Tarnow.

MAZGAJ, Witold; BARAN, Kazimierz; LUC, Edward

Influence of fluoride upon the solubility of dicalcium phosphate fertilizer. Przem chem 41 no.10:561-562 0 '62.

1. Instytut Nawozow Sztucznych, Tarnow.

BARAN, Kazimierz; BIELECKI, Waclaw; LUC, Edward

Obtaining of magnesium oxide from Silesian dolomites. Przem chem 40
no.11:653-656 N.'61.

1. Instytut Nawozow Sztucznych, Tarnow.

LUCA, Al. (Bucuresti)

Simple methods for the determination of erosion on the slopes.
Natura Biologie 14 no. 1:76-78 Ja-F '62.

RUMANIA

LUCA, Al., Eng, Bucharest [affiliation not given]

"Methods for the Combating of Soil Erosion on Agricultural Terrains."

Bucharest, Natura. Seria Biologie, Vol 15, No 4, Jul-Aug 63, pp 41-47.

Abstract: Describes the importance of combating soil erosion and reveals the methods to be used on arable terrains. Evaluates the value of cultivations selected for the purpose and describes the agrotechnical techniques as well as the various systems that can be used for working the soil. Also discusses the effects of fertilizers and the special problem of soil erosion in orchards and pastures.

Includes 6 figures and 5 references, of which 1 is Russian and 4 Rumanian.

RUMANIA/Cosmochemistry. Geochemistry. Hydrochemistry.

Abs. Jour : Ref Zhur - Khimiya, No 11, 1958, 35749.

Author : Savenou Simion, Golgotin Tiberiu, Botez, Cornelia,
Linde Julieta, Luca Angela

Inst : -

Title : Mineral and Chemical Investigation of the Ores from Tsiblesha

Orig Pub : Bul. Inst. politehn. Iasi, 1956, 2, No 3-4, 89-100

Abstract : Describes the hydrothermal, basically epithermal, sulfide mineralization associated with the andesite and diorite massif of Tsiblesha. The following minerals were noted (in order of formation): the hypogenes pyrite, pyrrhotite, chalcopyrite, sphalerite, and galenite, and the supergenes marcasite, covellite, chalcocite, and melnikovite. Vein minerals were represented predominantly by quartz, less often by calcite and siderite. The chemical composition of the ores is cited.

LUCA, ANGELA

RUMANIA/Chemical Technology, Chemical Products and Their
Application, Part 1. - Processes and Apparatus
of Chemical Technology.

H-4

Abs Jour: Referat. Zhurnal Khimiya, No 10, 1958, 32824.

Author : Simion Savencu, Tiberiu Golgoțiu, Angela Luca, Julieta
Linda, Anc. Bucur, Iancu Hîncu.

Inst : Jassi Polytechnical Institute.

Title : Corrosive Properties of Some Soils in Moldavia.

Orig Pub: Bul. Inst. politehn. Iași, 1956, 2, No 3-4, 101-104.

Abstract: A comparative characteristic of aggressivity of various
soils in the Jassi region with reference to steel, cast
iron and lead is presented. The electrochemical mea-
surements showed that the corrosion is exclusively of
an electrochemical character under the experiment con-
ditions. The least corrosion was observed in the case

Card : 1/2

17

S/061/62/000/006/002/117
B166/B101

AUTHORS: Golgotiun, Tiberin, Uinde, Julieta, Luca, Angela
TITLE: The position of the transition elements in the periodic system
PERIODICAL: Referativnyy zhurnal. Khimiya, no. 6, 1962, 5, abstract 6B9 (Bul. Inst. politehn. Iasi, v. 6, no. 1-2, 1960, 109-114)

TEXT: In order that the relationship between the periodicity of the properties of the elements and the sequence of filling of the electron shells be more readily apparent, it is suggested that changes be introduced in the position of the transition elements in the periodic table of Mendeleev. It is proposed that the transition elements, and the lanthanides and actinides as well, be grouped in accordance with the pattern of their formation into four d families (3d, 4d, 5d, 6d) and two f families (4f and 5f, originating from the 5d and 6d families, respectively). This suggestion allows for the fact that variations in the main properties of the transition elements (in the same way as the lanthanides and actinides) depend not so much on the number of electrons as on their grouping. In the Card 1/2

The position of the transition ...

S/081/62/000/006/002/117
B166/B101

proposed version of the table, the aforesaid groups of elements are arranged after the elements of Group II. [Abstracter's note: Complete translation.]

Card 2/2

LUCA, A.; NIRON, G.

Results of three years of experiments on the accessibility of plants to some less soluble phosphates, p. 281.

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.

BEJENARU, C., dr.; SIRMON, Elisabeta, dr.; BADEA, Ana, dr.; LUCA, A., dr.;
ONU, Mariana, dr.; BURDUJA, Ana, dr.; BELDIMAN, N., dr.

Contribution to the serological study of animal leptospirosis
in the region of Iasi. Microbiologia (Bucur) 10 no.2:147-152
Mr-Apr'65.

1. Laboratorul regional veterinar, Iasi (for Bejenaru, Sirmon,
Badea, Luca, Onu). 2. Laboratorul de zoonoze al Institutului
de igiena si protectia muncii, Iasi (for Burduja, Beldiman).

LUCA MARIUS, Alex. C., conf. dr. ing.

Use of mathematical methods in studying economic problems
in mining. Pt.1. Graphic method of computation. Rev min
13 no.3:103-110 Mr '62.

LUCA, c.

Distr: 4E3d
 Effect of substituents in the ammonia molecule on the stability of the complex silver ions formed with the respective amines. A. Virgil Armeanu and Constantin Luca (Polytech. Inst. Bucarest, Romania). Z. physik. Chem. (Leipzig) 214, 81-100 (1960).—Complex ions formed by Ag with a series of 15 aromatic amines were investigated in the solns. of the resp. amines. Twenty-four complex ions (4 monoamine, 15 diamine, and 5 triamine ions) could be detected and the decompn. consts. thereof detd. A parallelism exists between the basicity of org. amines and the stability of the complexes that they form in soln. with Ag ions. Introduction of aryl radicals into the NH₂ mol. diminishes the stability of the complex Ag ions formed with the resp. amines. The stability of the complex Ag ions is increased by introduction of Me into the aromatic nucleus, and diminished by substitution with Cl, NO₂, and I on the nucleus. The diminished stability of the complex ions formed by Ag with *o*-toluidine and dimethyl-*o*-toluidine supports the hypothesis that the lower basicity of *o*-toluidine is caused by steric hindrance. Friedrich Epstein

5
 FBW (SW)
 JG (NA)

8/11
 art

POPA, Gr.; NEGOIU, D.; LUCA, C.; BAIULESCU, Gh.

Spectrophotometric study of the complex combination of Ga(III) with quercitin (i.e., quercetin). Rev chimie 6 no.1:87-94 '61.

1. Analytical Chemistry Laboratory, Section of Chemistry, "C. I. Parhon" University, Bucharest.

CRACIUN, E., prof.; PROTOPOPESCU, Iosefina, assist. prof.; ZAHARIA, Maria;
GEORGESCU, I.; LUCA, Cecilia

The process of cancerous invasion as studied in tissue cultures of human
cancer of the cervix and corpus uteri. Rumanian M Rev. no.2:3-8 Ap-Je
'60.

(CERVIX NEOPLASMS pathology) (UTERUS NEOPLASMS pathology)

LUCA, E.

"Experiment in fighting larvae of the cockchafer (*Amphimallus solstitialis* L.)."p. 44.
(REVISTA PADURILOR, Vol. 68, no. 11, Nov. 1953, Bucuresti, Rumania)

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

LUCA, E.; VASILE, M.

"From the Experience of Mechanized Planting of Shelter Belts in Dobruja."
P. 248. (ANALELE ROMANO-SOVIETICE, Vol. 69, No. 6, June, 1954, Bucuresti,
Rumania.)

SO: Monthly List of East European Accessions. (EEAL), IC, Vol. 4,
No. 1, Jan. 1955 Uncl.

LUCU
GAVRILA, I., Prof.; COMES, L., conf.; SERBAN, I., dr.; SOLOVIEV, M., dr.;
GHIDALI, M., dr.; PIRVU, C., dr.; IEPURMANU, A., dr.; CUCU, Al.,
dr.; BUCIU, M., dr.; URCAN, S., dr.; LUCA, E., dr.

Interpretation of blood sedimentation rates in infectious
diseases. Med. int., Bucur. 8 no.4:525-532 Aug 56.

1. Lucrare efectuata in Clinica de boli contagioase dir. Cluj.
(INFECTION, blood in
sedimentation rate, determ. & relation to intensity of
dis.)
(BLOOD SEDIMENTATION, in various dis.
infect. dis., determ. & relation to intensity of dis.)
(COMMUNICABLE DISEASES, blood in
sedimentation rate, determ. & relation to intensity of
dis.)

PETROVANU, Dan, lector (Iasi); CHIRIAC, V., prof.; ARMEANU, Aurora, prof.;
MARINO, Maria; LUCA, E.

Observations on the arithmetic manual for grade 6. Gaz mat fiz
15 no.7:364-372 JI '63.

11-3

57

SIR.082.74 : 621.117.12

5557. On the conditions for improving the measurement of magnetic induction with the help of the bisandh spiral. PETERM U. V. AND LUCAS-E. Bull. Inst. Politech. Jassy, 3, 808-13 (July-Dec., 1948) In French.—Possible sources of error include heating of the spiral by the bridge current and by proximity of heated parts of machines, with consequent dilation of the spiral. Errors can be minimized by compensation methods using two identical spirals, one being enclosed and maintained at the temp. found in the test gap. Sensitivity can be increased by means of a series of variable shunts connected across the balancing resistances. With proper choice of the shunt resistances, values of $\Delta R/R$ may be read directly. A. W.

ASB-31A METALLURGICAL LITERATURE CLASSIFICATION

REGIONAL DIVISION

SECTION

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 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 100

LUKA

RUMANIA/Optics - Physical Optics.

K-5

Abs Jour : Referat Zhur - Fizika, No 3, 1957, 7763

Author : Luka, Iliyesku, Reus.

Inst :

Title : Contribution to the Determination of the Maximum Effectiveness of a Fluorescent Screen.

Orig Pub : Bul. Inst. politehn. Iazi, 1955, 1, No 1-2, 33-38

Abstract : No abstract.

Card 1/1

- 54 -

LUCA
ROMANIA/Optics X-Rays

K-10

*
Abs Jour : *Rof Zhur - Fizika, No 8, 1958, No 19381*

Author : *Luca Emil, Petrescu V., Iliescu Gh., Reus N.*
Inst : *Not given*
Title : *Concerning the Problem of Experimental Determination of
the Effectiveness of Filters Used in X-Ray Technology.*

Orig Pub : *Bul. Inst. politehn. Iasi, 1956, 2, No 3-4, 165-173.*

Abstract : *Unlike the method of Destriau end Korn (Destriau G.,
Physique Appliquee des installations a rayons X, Paris,
1945), the coefficient of effectiveness of the filters for
X-rays is determined as a ratio of the relative change in
the effective voltage on the X-ray tube and the relative
change in the current in the ionization chambers. The
quantities that enter into this definition characterize
more completely the reel conditions of the operation of
the X-ray tube end are more accessible for measurement*

Cerd : 1/2

LUCA, E.

RUMANIA/Optics -- X-Rays.

K

Abs Jour : Ref Zhur Fizika, No 1, 1960, 2363

Author : Luca, Emil; Petrescu, V., Iliescu, Gh.

Inst : -

Title : On the Effectiveness of a System of Filter Combined with a Fluorescent Screen in X-ray Technology.

Orig Pub : Bul. Inst. politehn. Iasi, 1958, 4, No 1-2, 253-260

Abstract : An investigation was made of the dependence of the coefficient of effectiveness γ of a filter plus fluorescent screen system on the thickness of the aluminum filter (0.5 - 2.5 mm) and on the voltage U on the x-ray tube (66 - 92 kv) at a current of 32 milliamperes. For filters of definite thickness, γ reaches a maximum at a certain optimum value of U. As the filter thickness increases these maxima increase in magnitude and shift towards the larger U.

--- I.Ya. Nikiforov

Card 1/1


- 143 -

S/058/62/000/006/075/136
A061/A101

AUTHORS: Luca, Emil, Petrescu, V., Bărbulescu, D., Savin, Gh.

TITLE: A study of dielectric absorption and dispersion of the dielectric constant in barium ferrites with Bi_2O_3 addition

PERIODICAL: Referativnyy zhurnal, Fizika, no. 6, 1962, 24, abstract 6E201 ("Bul. Inst. politehn. Iași," 1960, v. 6. no. 3-4, 239-244, Rumanian; Russian and French summaries)

TEXT: A study has been made of the change of ϵ and $\tan\delta$ of barium ferrite with Bi_2O_3 addition in the frequency range from 30 cps to 10 Mc at temperatures from -65 to $+150^\circ\text{C}$. Two zones of dispersion of ϵ were detected: one below 30 cps and the other in the range from 500 kc to 5 Mc. A maximum of $\tan\delta$ was observed near 3 Mc. At this frequency ϵ grows with temperature considerably. 

[Abstracter's note: Complete translation]

Card 1/1

S/058/62/000/010/066/093
A061/A101

24,2400

AUTHORS: Luca, Emil, Reus, N.

TITLE: The dielectric properties of some heterogeneous mixtures of ferrites and paraffin oil

PERIODICAL: Referativnyy zhurnal, Fizika, no. 10, 1962, 27, abstract 10E208 ("Bul. Inst. politehn. Iasi", 1961, v. 7, no. 1 - 2, 205 - 210, Rumanian; summaries in Russian and French)

TEXT: The dielectric properties of some heterogeneous mixtures of paraffin and ferrites in the powdery state were investigated. Using mixtures of Mn-Zn ferrite or Ba ferrite with an addition of 1.5% Bi₂O₃, experimental curves were obtained for the change of ϵ' and $\tan\delta$ in the ranges from 100 cps to 10 Mc and from -30 to +15°C. ✓ B

[Abstracter's note: Complete translation]

Card 1/1

S/058/63/000/003/104/104
A066/A101

AUTHORS: Luca, Emil, Luca, I., Vasiliu, Anastasia

TITLE: The effect of ultrasonic waves on liquid dielectrics and on some heterogeneous mixtures of ferrite - paraffin oil, glycerol - paraffin oil, and monochlorobenzene - paraffin oil

PERIODICAL: Referativnyy zhurnal, Fizika, no. 3, 1963, 63, abstract 32h384
("Bul. Inst. politehn. Iasi", v. 7, no. 3 - 4, 1961, 203 - 206,
Rumanian; Russian and French summaries)

TEXT: It is established that ultrasonic fields with frequencies of 720, 1,200 and 3,000 kc have no considerable effect upon the penetrability of heterogeneous mixtures if the thermal effect is ignored. It was observed that ultrasonic waves promote the association of glycerol and monochlorobenzene dispersed in the bulk of paraffin oil. This leads to the separation of the two components of the heterogeneous mixture. The effect increases with increasing energy of the ultrasonic field.

[Abstracter's note: Complete translation]

Card 1/1

TUDORAN, Petre, ing.; LUCA, Gheorghe, ing.; APETREI, Gheorghe, ing.

Determining the adherence of some Rumanian and foreign
enamels by using a sensitive quantitative method. Industria
usoara 9 no.8:296-299 Ag '62.

VASILESCU, M.; LUCA, Gh.

On the behavior of rocks traversed by the water delivery gallery of the V.I. Lenin Hydroelectric Power Plant, Bicaz. Studii cerc mec apl 14 no. 6:1303-1322 '63.

1. The Traian Vuia Institute of Applied Mechanics, Rumanian Academy, Bucharest.

LUCA, Grigore I.

Thermal calculation of the heat of the locomotive equipped
with thermosiphon. Rev cailor fer 10 no.8:403-411 Ag '62.

RUMANIA/Cultivated Plants. Cereals.

M

Abs Jour: Ref Zhur-Diol., No 17, 1958, 77623.

Author : Jura, Emil; Luca, I.
Inst : Institute of Agronomy, Timisoara.
Title : Increase of Harvest Yield of Corn by Means of
Different Treatment of the Seeds.

Orig Pub: Anuarul lucrar. stiint. Inst. agron. Timisoara, Bucuresti,
1957, 123-131.

Abstract: Tests were conducted in 1953-1955 on the Chala farm west of Arad on dark-colored alluvial clayey and alluvial sandy soils with the Fister variety. Studied were: effect of heating the seeds in the sun before sowing (variant 2), sowing with swollen and then dried out seeds (variant 3), sowing with wet seeds (variant 4) and with seeds without treat-

Card : 1/2

RUMANIA/Cultivated Plants. Cereals.

M

Abs Jour: Ref Zhur-Diol., No 17, 1958, 77623.

ment (variant 1). The second and third variants exert a favorable influence on the weight of the ears, percent of grain, and on the increase of the number of ears. -- A. F. Khlystova.

Card : 2/2

35

RUMANIA/Acoustics - Ultrasonics.

J.

Abs Jour : Ref Zhur - Fizika, No 7, 1959, 16339

Author : Luca, I., Popescu, C., Plesa, D., Popsecu, I.

Inst : -

Title : Investigation of the Effect of Ultrasound on the
Production of Sugar Beet and Sunflowers.

Orig Pub : Studii si cercetari stiint. Acad. RPR. Fil. Iasi. fiz.
si stiinte tehn., 1957, 8, No 1, 43-64

Abstract : No abstract.

Card 1/1

LUCA, I.

Continuous steel casting. p. 94.

METALURGIA SI CONSTRUCTIA DE MASINI

Vol. 8, no. 1, Jan. 1956

Rumania

Source: EAST EUROPEAN LISTS Vol. 5, no. 10 Oct. 1956

LUCA, I.

TECHNOLOGY

PERIODICAL: METALURGIA SI CONSTRUCTIA DE MASINI. Vol. 10, no. 10, Oct. 1958

LUCA, I. Saving of metals in siderurgy. II. p. 885. Some current problems connected with saving steel. p. 890.

Monthly List of East European Accessions (EEAI) LC, Vol, 8, no. 4.
April 1959, Unclass

LUCA, Ioan; POTEK, Ioan; COTEA, Valeriu; FILIP, Dumitru; ANGHEL, Gheorghe

Radioactivity of the wines of the Cotnari vineyards. Studii fiz
tehn Iasi 12 no.2:347-352 '61.

S/058/63/000/003/104/104
A066/A101

AUTHORS: Luca, Emil, Luca, I., Vasiliu, Anastasia

TITLE: The effect of ultrasonic waves on liquid dielectrics and on some heterogeneous mixtures of ferrite - paraffin oil, glycerol - paraffin oil, and monochlorobenzene - paraffin oil

PERIODICAL: Referativnyy zhurnal, Fizika, no. 3, 1963, 63, abstract 3Zh384 ("Bul. Inst. politehn. Iasi", v. 7, no. 3 - 4, 1961, 203 - 206, Rumanian; Russian and French summaries)

TEXT: It is established that ultrasonic fields with frequencies of 720, 1,200 and 3,000 kc have no considerable effect upon the penetrability of heterogeneous mixtures if the thermal effect is ignored. It was observed that ultrasonic waves promote the association of glycerol and monochlorobenzene dispersed in the bulk of paraffin oil. This leads to the separation of the two components of the heterogeneous mixture. The effect increases with increasing energy of the ultrasonic field.

[Abstracter's note: Complete translation]

Card 1/1

LUCA, I.; FILIP, D.

Influence of ultrasonics on tobacco seed germination and
the development of plants from seeds treated with ultrasonics.
Studii biol agr Iasi 14 no.2:363-369 '63.

LUCA, Ion; TIBU, Margareta; POTEK, I.; VISCRIAN, I.

Radioactivity of the Cotnari soil in the Iasi region. Studii
fiz tehn Iasi 13 no.2:291-293 '62.

LUCA, L

Electric furnaces, and direct reduction of iron ore. II. p.556

METALURGIA SI CONSTRUCTIA DE MASINI. (Ministerul Industriei Metalurgice
si Constructiilor de Masini si Asociatia Stiintifica a Inginerilor si
Tehnicienilor din Romania) Bucuresti, Rumania
Vol, 11, no.7, July 1959

Monthly List of East European Accessions (EEAI) IC, Vol.9, no.2, Feb.1960

Uncl.

LUCA, M.

LUCA, M. Portal crane for buildings mounted with large panels; a discussion on what are the very best machines for mounting prefabricated parts. p. 633

No. 10, 1956

INDUSTRIA CONSTRUCTIILOR SI A MATERIALELOR DE CONSTRUCTII
TECHNOLOGY
RUMANIA

So: East European Accession, Vol. 6, No. 5, May 1957

LUCA, M.

A construction-yard polygon for the production of large slabs. p. 384.
(INDUSTRIA CONSTRUCTIILOR SI A MATERIAELOR DE CONSTRUCTII. No. 7, 1957, Rumania)

SO: Monthly List of East European Accessions (EEAL) IC. Vol. 2, No. 12, Dec. 1957
Uncl.

LUCA, M.

Systematic analysis of the complex processes of production as a basis for introducing technical standards and complex organization of mining enterprises. p. 437.

REVISTA MINELOR. (Ministerul Minelor, Ministerul Industriei Petrolului si Chimiei, Directia Exploatarilor Miniere si Asociatia Stiintifica a Inginerilor si Tehnicienilor din Romania) Bucuresti, Rumania. Vol. 10, no. 10, Oct. 1959

Monthly list of East European Accessions (EEAI) LC Vol. 9, no. 2, Feb. 1960

Uncl.

LUCA, Marius Alex. C., conf. dr. ing.

Use of mathematical methods in studying the economic mining
problems. Rev min 13 no.5:192-199 My '62.

LUCA, Marius Al. G., conf. dr. ing.

Practical ways of solving mining conveyance problems by the distribution method. Rev min 14 no.1:1-8 Ja '63.

LUCA MARIUS, Al. C., conf. dr. ing.

Economically optimum solution of mining conveyance problems by
mathematical methods. Rev min 13 no. 12: 538-545 D '62.

LUCA, Marius Alex. C., conf. dr. ing.

The theoretical grounds of the simplex calculation method.
Rev min 13 no.4:152-159 Ap '62.

LUCA, Marius Al. C., conf. dr. ing.

On the units used in the technical standardization of labor.
Rev min 12 no.6:247-253 Je '61.

LUCA, Marius Al. C.

Relations used in the mining industry for calculating work norms.
Rev min 16 no.1:13-22 Ja '65.

LUCA, N.; CONSTANTINESCU, E.

Investigations on the cerebrospinal fluid in poliomyelitis. IV.
Amino-N changes in the cerebrospinal fluid. Rev. sci. med. 5 no.3/4:
199-203 '60.
(POLIOMYELITIS cerebrospinal fluid)
(AMINO ACIDS cerebrospinal fluid) (NITROGEN cerebrospinal fluid)

LUCA, N.

- Richard, Science of England, Vol XIV, No 2, Pp 62
1. "Biotechnology Conducted Technological Processes" ENGINNERING, Sept and Oct 1971, Part 1, pp 3-5.
 2. "The Hypothesis of Engineer Origin," T. CONDORCQU, Esprit, pp 6-8.
 3. "Interpretative Interpretation of Plato," Gene Katz, P. HATCH, Journal of Physical Sciences (Mechanism of Science Materials) p 10-11.
 4. "Beyond the Milky Way," P.H. HODGKIN, Esprit, pp 12-13.
 5. "The Ancient Statement of Heraclitus," Prof. WILHELM DIERCKMANN, Lawrence of the State, Journal (Lawrence at Princeton de Staff), pp 14-15.
 6. "Silicon, the Rediscovery of Element 14," N. SICHON, pp 16-18.
 7. "The Eye and the Light," Genf Dr W.S. JIMMY, pp 19.
 8. "Combines for the Construction of Bore," G. STEINBERGER, Esprit, pp 21-22.
 9. "A Few Years Ago: the 'Construction' of Motor Vehicles," N. HODGKIN, pp 22-23.
 10. "Science in the Service of Production," D. DORIAN, Esprit and N. CONDORCQU, pp 24-25.
 11. "Giant Excavator," PHIL SCOTT, Esprit, pp 29.
 12. "A Strike Fire in the Night of the Middle Ages," Osprey, Esprit, pp 30-31.
 13. "An Interview through the Green Regions," JOHN DEWEY, Esprit, pp 32-33, and 41.
 14. "The Epitaph of Labor and Science," A. STANER, Esprit, pp 34-35.
 15. "The Importance of Abu Sibel Will Lo Sord," A. SCHWAB, Esprit, pp 36-37.

18

MISON-CRIGHEL, N.; PINTILIE, C.; CONSTANTINESCU, E.; LUCA, N.;
COSTA-FORU, D.; SOLOMONOVICI, A.

The effect of blood sugar changes on intermediate metabolism
in patients with asthenic neuroses. I. Effect of the administra-
tion of glucose and insulin. Rev. sci. med. 8 no.3/4:111-115
'63.

(NEURASTHENIA) (BLOOD SUGAR) (GLUCOSE)
(INSULIN) (PHARMACOLOGY) (METABOLISM)
(MENTAL DISORDERS)

PINTILIE, C.; COSTA-FORU, D.; MISON-CRIGHEL, N.; CONSTANTINESCU, E.;
LUCA, N.; SOLOMONOVICI, A.

The effect of blood sugar changes on intermediate metabolism
in patients with asthenic neuroses. II. Effect of treatment
with increasing doses of insulin. Rev. sci. med. 8 no.3/4:
159-162 '63.

(BLOOD SUGAR) (INSULIN) (NEURASTHENIA)
(PSYCHOSES, MANIC-DEPRESSIVE) (METABOLISM)
(CITRATES)

LUCA, P., dr.; MOANTA, St, dr.; MEILA, I., dr.

Mitral infantilism (considerations on a clinical case). Med.
Intern. (Bucur.) 16 no.10:1275-1277 0 '64

IUCA, P.; POPOVICI, S.

Hepatochoolangitis with Friedlander's bacilli. Med. int., Bucur. 9 no.11:
1723-1727 Nov 57.

1. Incrare executata in Sectia de boli interne, Spitalul unificat Resita.
(CHOLANGITIS, case reports
hepatochoolangitis with Klebsiella pneumoniae infect.)
(LIVER DISEASES, case reports
hepatochoolangitis, caused by Klebsiella pneumoniae infect.)
(KLEBSIELLA PNEUMONIAE, infections
liver & bile ducts, causing hepatochoolangitis)

L'ICA, P., dr.; BALABAN, Gh.conf.; GEORGESCU, L., conf.; MEILA, I.dr.;
BOLOVEDEA, M. dr.; BRABOYESCU, Elisabeta, dr.; LUFT.E. sim.

Association of Recklinghausen's neurofibromatosis with pheochromocytoma; adrenalectomy. Med. intern. (Bucur.) 10 no.5: 625-628 My'64

1. Lucrare efectuata in Sectia de cardiologie si Sectia de chirurgie, S.M.S., Resita.

LUCA, S., dr.

Auxiliary devices for tensile tests of thin threads. Metrologia
apl 6 no.2:84-88 Ap-Je '59.

LUCA, St.

"Consumption cooperative system in Rumania, 1950-1961." Reviewed
by St. Luca. Probleme econ 16 no.9:145-149 S. '63.