

DOBYSIN, L.A.; DMITRIYENKO, G.V., redaktor; DZHATIYEV, S.G., tekhnicheskiiy redaktor.

[Brief manual on methods of teaching chemistry in class 7]
Kratkoe rukovodstvo po metodike prepodavaniia khimii v sed'mom klasse. Moskva, Gos.uchebno-pedagog.izd-vo Ministerstva prosveshcheniia RSFSR, 1955. 130 p. (MLRA 8:11)
(Chemistry--Study and teaching)

DUBYNIN, L.A.; PARMENOV, K.Ya., redaktor; DREYER, O.K., redaktor; GARNEK,
~~V.P.~~; tekhnicheskii redaktor

[Chemistry laboratory in the secondary school] Khimicheskii kabinet
srednei shkoly. Moskva, Izd-vo Akademii pedagog. nauk RSFSR, 1955.
161 p. (MIRA 8:7)

1. Chlen-korrespondent APN RSFSR (for Dubynin).
(Chemistry—Study and teaching)

DUBYNIN, L.A.
DUBYNIN, L.A.; SAVEL'Yeva, R.N., red.; MAKSAIEV, A.V., tekhn.red.

[Assignments for correspondence students in secondary schools;
chemistry, 8th grade] Zadaniia dlia uchashchikheia srochnoi
srednei shkoly; khimii, VIII klass. Soet. L.A. Dubynin. Izd. 9-oe.
Moskva, Gos. uchebno-pedagog. izd-vo M-va prosv. RSFSR, 1957. 26 p.
(MIRA 11:1)

1. Russia (1917- R.S.F.S.R.) Glavnoye upravleniye shkol
(Chemistry--Study and teaching)

DUBYNIN, L.A.

Some suggestions for the construction of universal plug. Khim. v
shkole 17 no.2:59-60 Mr-Apr '62. (MIRA 15:2)
(Chemical laboratories--Apparatus and supplies)

DUBYNIN, L.A.

Development and improvement of equipment and visual aids for teaching chemistry in secondary school. Khim. v shkole 17 no.1:70-79 Ja-F '62. (MIRA 15:1)

1. Chlen-korrespondent Akademii pedagogicheskikh nauk RSFSR.
(Chemistry--Audio-visual aids)
(~~Chemical laboratories--Equipment and supplies~~)

DUBYNIN, N. G., ZUBRILOV, L. Ye., and MESHCHERYAKOV, A. I.

Application of the analytical method in mining (continued). Gor. zhur. No 2, 1952.

PAVLOV, A.I., gornyy inzhener; DUBYNIN, N.G., kandidat tekhnicheskikh nauk.

Bottom cut practice in the stopes of the Tashtagol mine. Gor.shur.
no.3:53-54 Mr '55. (MIRA 8:7)
(Tashtagol--Mining engineering)

DUBYNIN, N.G., kandidat tekhnicheskikh nauk; DEKHTYAREV, S.I., inzhener;
PAVLOV, A.I., inzhener; VOLEGOV, A.N., inzhener

Breaking ore by ring drilling in the Tashtagol mine. Gor.stur. no.7:
38-40 JI '55. (MIRA 8:8)
(Tashtagol--Iron mines and mining)

DUBYNIN, N.G., kandidat tekhnicheskikh nauk; KOVALENKO, V.A., inzhener

Riser mining in the Tashtagol mine. Gor.sbur. no.8:8-9 Ag '55.
(Tashtagol—Iron mines and mining) (KIRA 8:8)

DUBYNIN, N.G., kandidat tekhnicheskikh nauk

Remarks on A.G.Guseev's article "The organization of a mining cycle."
("Ugol" no.11,1953) Ugol' 30 no.10:39-40 0 '55. (MIRA 8:12)

1. Zapadno-Sibirskiy filial Akademii nauk SSSR
(Coal mines and mining) (Guseev, A.G.)

DUBYNIN, N.G., kandidat tekhnicheskikh nauk; KOVALENKO, V.A., gornyy inzhener.

High-speed mining of an upraise. Gor.shur. no.7:62 J1 '56.
(MLBA 9:9)

1. Zapadno-Sibirskiy filial Akademii nauk SSSR (for Dubynin)
2. Tashtagol'skiy rudnik (for Kovalenko).
(Mining engineering)

DUBYNIN, N.B.

LUGYNS, L.G., kandidat tekhnicheskikh nauk; SHABEL'NIKOV, G.P.; MAKSIMOV, P.I.,
ingener; DEKHTYAREV, S.I., gornyy inzhener.

Investigating the geometry of stoning. Gor.shur. no.9:13-22 S '57.

(MLRA 10:9)

1. Gorno-geologicheskii institut Zapadno-Sibirskogo filiala Akademii nauk SSSR (for Dubynin and Shabel'nikov). 2. Gornoye upravleniye Kuznetskogo metallurgicheskogo kombinata (for Maksimov and Dekhtyarev).
(Mining engineering)

DUBYNIN, N.O.; KRISTIN, K.A.

~~Classification of first mining operations. Trudy Inst.gor.dela.~~
Sib.otd.AN SSSR no.1:76-87 '58. (MIRA 12:11)
(Mining engineering)

DUBYNIN, N.G.; SHARIL'NIKOV, G.P.

Effect of organization efficiency of second mining operations
on the output of ore. Trudy Inst.gor.dela.Sib.otd.AN SSSR no.1:
88-121 '58. (MIRA 12:11)
(Mining engineering--Labor productivity)

BURKHIN, N.O.; KOVALENKO, V.A.; VOLKOV, A.M.

Advantageousness of borehole stemming. Trudy Inst.gor.dela.Sib.
otd.AN SSSR no.1:129-133 '58. (MIRA 12:11)
(Mining engineering)

DUBYNIN, N.G.; SHABEL'NIKOV, G.P.

Agglutination of Gornaya Shoriya ores. Trudy Inst.gor.dela.Sib.
otd.AN SSSR no.1:138-144 '58. (MIRA 12:11)
(Gornaya Shoriya--Mining engineering)

DUBYNIN, N.O.

Use of loading machines at the Tashtagol mine. Trudy Inst.gor.
dela.Sib.otd.AN SSSR no.1:145-147 '58. (MIRA 12:11)
(Tashtagol region (Gornaya Shoriya)--Mining machinery)

~~DUBYNIN, M. O. KRISTIN, K.A.~~

Rock loosening ratio. Trudy Inst.gor.dela.Sib.otd.AN SSSR
no.1:148-154 '58. (MIRA 12:11)
(Mining engineering) (Ores--Sampling and estimation)

DUBYNIN, N.G.; ZAKHAROV, V.V.

Investigating the output of free-flowing materials. Trudy Inst.
gor.dela.Sib.otd.AN SSSR no.1:160-168 '58. (MIRA 12:11)
(Granular materials)

DUBYNIN, N.G. & YEMEL'YANOV, P.M.

Improvement of open-cut mining operations. Trudy Inst.gor.dela.
Sib.otd.AN SSSR no.1:169-176 '58. (MIRA 12:11)
(Strip mining)

DUBYNIN, H.G.; IVANOVA, L.F.; SKVORTSOV, A.G.

Breaking off the ore through deep vertical boraholes. Trudy
Inst.gor.dela Sib.oid.AN SSSR no.2:167-174 '59.
(MIRA 13:5)

(Mining engineering)

DUBYNIN, N.O.; ZAKHAROV, V.V.

Investigating the forces of cohesion and the coefficient of
internal friction in broken-off ore of iron mines of Gornaya
Shoriya. Trudy Inst.gor.dela Sib.otd.AN SSSR no.2:175-188
'59. (MIRA 13:5)
(Gornaya Shoriya--Iron mines and mining)
(Iron ores--Testing)

DURYNIN, M.G.; OORBATENKO, P.I.[deceased]; FILENKOV, V.G.

Results of testing rock ammonite in Gornaya Shoriya iron ore
mining. Trudy Inst,gor,dala Sib,otd.AN SSSR no.2:213-220
'59. (MIRA 13:5)
(Gornaya Shoriya--Iron mines and mining)
(Explosives)

DUBYNIN, N.G.; RYABCHENKO, Ye.P.

Systems of working the Gornaya Shoriya iron ore deposits and ways
for improving them. Trudy Inst. gor. dela Sib. otd. AN SSSR
no.3:115-154 '60. (MIRA 14:4)
(Gornaya Shoriya—Iron mines and mining)

DUBYNIN, N.G.; SHAPOSHNIKOV, V.D.; IVANOVA, L.T.; SALISHCHEV, D.S.

Cutoff stoping. Trudy Inst. gor. dela Sib. otd. AN SSSR
no.3:155-175 '60. (MIRA 14:4)
(Stoping (Mining))

DOBININ, N.G.; SHAPOSHNIKOV, V.D.

Uprasing by means of boring deep blastholes. Trudy Inst. gor.
dela Sib. otd. AN SSSR no.3:176-187 '60. (MIRA 14:4)
(Shaft sinking) (Blasting)

DUBYNIN, N.G.; IVANOVA, L.T.; MAKSIMOV, P.I.

Breaking ore with deep vertical blastholes. Trudy Inst. gor.
dela Sib. otd. AN SSSR no.3:188-199 '60. (MIRA 14:4)
(Gornaya Shoriya—Iron mines and mining)
(Blasting)

ILIVITSKIY, A. A.; NIKOLIN, V. I.; DUBYNIN, N. G.; GAN'SHIN, L. P.;
RYABCHENKO, Ye. P.; SVAROVSKIY, B. M.; TREGUBOV, B. G.;
TRUFAKIN, N. Ye.

"Determining the properties of rocks" by L. I. Baron, B. M.
Loguntsov, and E. Z. Pozin. Reviewed by A. A. Ilivitskii and
others. *Ger. zhur.* no.10:77-78 0 '62. (MIRA 15:10)

1. Institut gornogo dela Ural'skogo filiala AN SSSR, Sverdlovsk
(for Ilivitskiy, Nikolin). 2. Institut gornogo dela Sibirskogo
otdeleniya AN SSSR, Novosibirsk (for Dubynin, Gan'shin,
Ryabchanko, Svarovskiy, Tregubov, Trufakin).

(Rocks—Testing) (Baron, L. I.)
(Loguntsov, B. M.) (Pozin, E. Z.)

DUBYNIN, H.G.; BATUGIN, S.A.; YEGOROV, P.V.; ZEYTS, F.Yu.

Causes of the fracture of pillars and ore blocks at the Tashtagol mine.
Vop. gor. davl. no.18:34-54 '63. (MIRA 18:7)

DUEYNIN, Nikolay Grigor'yevich; AGOSHKOV, M.I., nauchn. red.

[Drawing ore in underground mining] Vypusk rudy pri podzemnoi razrabotke. Moskva, Nedra, 1965. 266 p.
(MIRA 18:6)

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

DUBYNIN, T.L.

Reproduction of nephrosclerosis under experimental conditions.
Biul. eksp. biol. i med. 57 no.1:118-119 Ja '64.

(MIRA 17:10'

1. Laboratoriya geograficheskoy patologii Instituta morfologii
cheloveka (dir. - chlen-korrespondent AMN SSSR prof. A.P. Avtsyn)
AMN SSSR i otdel patologicheskoy anatomii (zav. - doktor med. nauk
D.S. Sarkisov) Instituta khirurgii imeni A.V. Vishnevskogo (dir. -
deystvitel'nyy chlen AMN SSSR prof. A.A. Vishnevskiy) AMN SSSR.
Predstavlena deystvitel'nyy chlenom AMN SSSR N.A. Krayevskim.

DUBYNIN, V., tekhnik.

Improvement in the control of tire wear. Avt.transp. 33 no.3:35
№ 155. (MIRA 8:5)
(Tires, Rubber)

DUBYNIN, V., tehnik

Protective device for use in inflating tires. Avt.transp.33
no.6:32 Je '55. (MLRA 8:10)

1. Avtokolonna no.25 Sverdlovskogo oblavtotresta
(Tires, Rubber)

DUBYNI, V.

Elastic anti-skidding shoes. Avt. transp. 34 no. 5:33 Ky '56.
(Automobiles--Tires) (MIRA 9:9)

DUBYNIN, V., tekhnik

Experience in the maintenance of tires. Avt. transp. 36 no. 6:19-
21 Ja '58. (MIRA 11:7)

1. 25-ya avtokolonna Sverdlovskogo avtotresta.
(Automobiles--Tires)

LUBIN, Y.

Devices for screwing and unscrewing tire-valve caps and clacks.
Avt.transp. 38 no.3:50-51 Nr '60. (MIRA 13:6)

1. 25-ya avtokolonna Sverdlovskogo avtoupavlaniya.
(Screwdrivers)

DUBYNIN, V.

Improve the accounting and use of tires. Avt.transp. 43
no.11:29-30 N '65. (MIRA 18:12)

1. Avtokolonna No.1211 g. Sverdlovska.

PETELIN, Sergey Mikhaylovich; DUBININA, Is.I., red.; ZUYEVA, N.K.,
tekhn. red.

[Spa treatment of infectious lumbosacral radiculoneuritis]
Infektsionnyi poisanichno-kresttsovyi radikulonevrit i le-
chenie ego na jurorte. Moskva, Medgiz, 1961. 149 p.
(NEURITIS, MULTIPLE) (MIRA 15:3)

AKULOVA, R.F.; BYKHOVSKIY, Z.Ye.[deceased]; VYGODNER, Ye.B.;
COL'DFAYL', L.G.; DIK, V.G.; DMITRIYEVA, N.M.; DUEYNINA,
Ye.I.; LEVIN, B.S.; NEZLIN, S.Ye.; SPERANSKIY, N.I.;
SOROKINA, Ye.I.; TKACHENKO, A.F.; FREYDIN, Kh.M.;
CHETVERIKOV, N.S.; VUL'FSON, I.Z., red.; KOKIN, N.M., tekhn.
red.; FRONINA, N.D., tekhn. red.

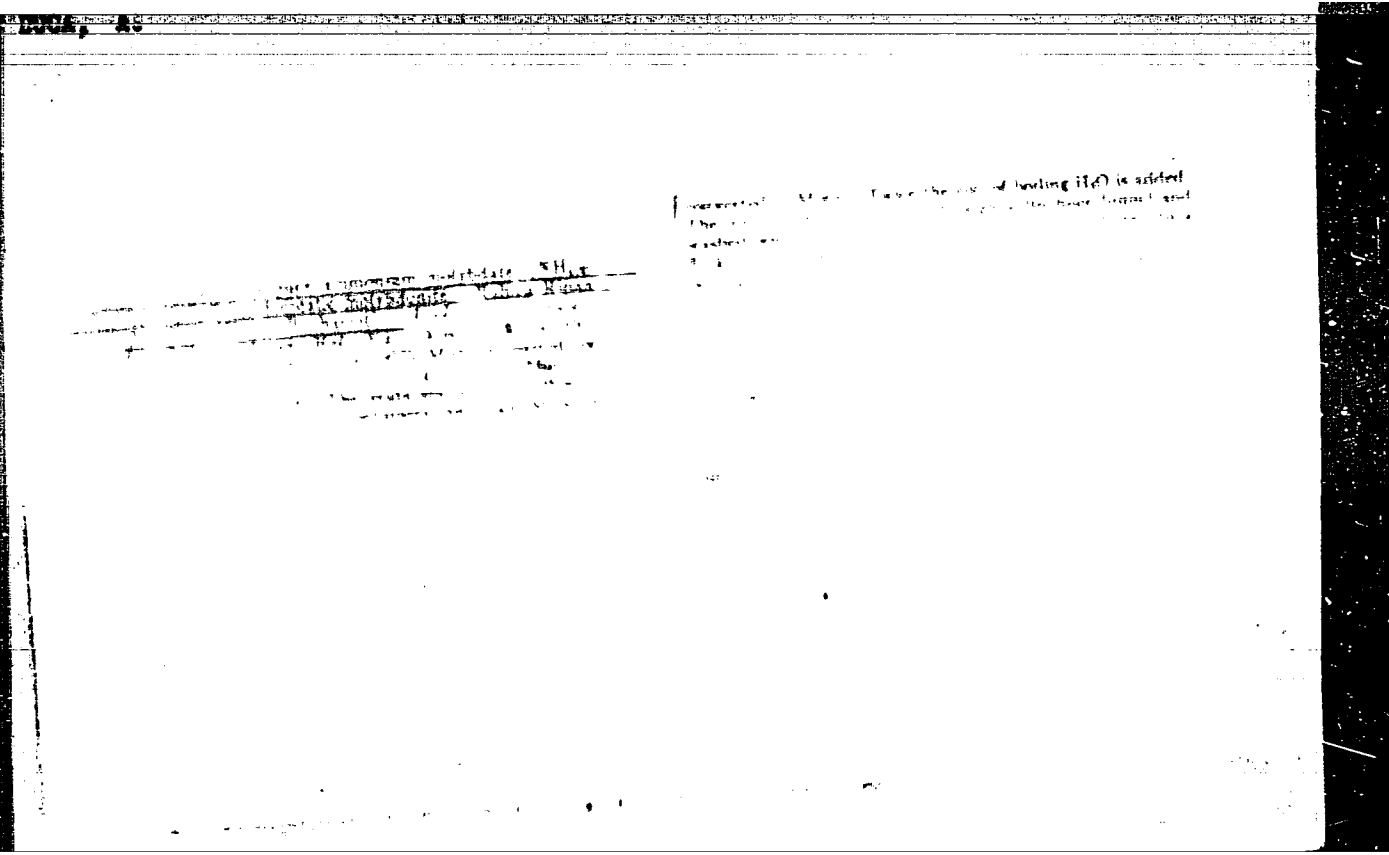
[Manual for physicians on the selection of sanatoriums and
health resorts] Rukovodstvo dlia vrachei po sanatorno-
kurortnomu otboru. Pri uchastii R.F.Akulovoi i dr. 2 izd.,
dop. i ispr. Moskva, Medgis, 1963. 511 p.

(SANATORIUMS) (MIRA 16:12)
(HEALTH RESORTS, WATERING PLACES, ETC.)

CA DUCA, A

6

A study of the preparation and constitution of periodic acids. H. Rakera Ripon and A. Duce (Univ. Chi., Romania). *Analele Acad. Rep. Populare Romane, Ser. Stiin. Mat. Fiz. Chim., Ser. A, 5, Mon. 11, 14 pp. (1948) (French summary).* -- To prep. H_5IO_6 : (a) A concd. soln. of $HClO_4$ is boiled with the equiv. amt. of eq. $BaCl_2$. $2KIO_3 + H_2O + 2BaCl_2 = Ba_2IO_6 + 2KCl + 2HCl$; $Ba_2IO_6 + 2HClO_4 = H_5IO_6 + 2BaCl_2$. (b) When boiled in water KIO_3 is transformed quant. into $K_2H_7IO_6$, which forms Ag_2IO_6 when treated with $AgNO_3$. Ex. HCl is added to the hot soln. of Ag_2IO_6 (temp. of water bath). The H_5IO_6 crystallizes on cooling. (c) CO_2 is passed for 2-4 hrs. over a NH_4IO_3 soln. The CO_2 is then removed by heating. The cryst. residue (acid) is dissolved in the min. amt. of H_2O and recrystd. Unchanged H_5IO_6 remains in soln. The acid was thus prepd. in pure form. This method of prepn. establishes the formula of the acid: $H_5IO_6 + 11H_2O = H_2[IO_6] + H_2O$. The acid can be titrated conductometrically with 0.1 N KOH (2 inflection points) or with 0.1 N $AgNO_3$. H_5IO_6 is reduction and stable. (Richard Audger)



DUCA, A.

"L'etude de la condensation de MoO_4Na_2 sous l'action de l'acide azoteux par la methode conductometrique." Revue de Chemie, Vol. 2, 1954, Bucharest.

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RUMANIA/Analysis of Inorganic Substances

0-2

Abs Jour: Ref Zhur - Khimiya, No 6, 1957, 19520

a mixture Na = K was applied to the determination of the relation Na : Cs or K : Cs ($E_{1/2}$ Na⁺ -2.15 v, K⁺ -2.17 v, Cs⁺ -2.13 v).

Due to the diffusion factor difference at equal weight quantities of Na⁺, K⁺ or Cs⁺, the polarographs have different heights (h) and depths (a) of waves. h and a are directly proportional to the quantity of the alkali metal; the values of (h) and (a) (the quantities of metals being the same) are the greatest in case of Na⁺, intermediate in case of K⁺ and the least in case of Cs⁺. In the case of a mixture of two ions (for example, Na - Cs), the values of (h) and (a) are less than in the case of pure Na⁺ (in the same quantity).

Card : 2/3

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RUNNIN/Analysis of Inorganic Substances

G-2

The Jour: Ref Zhur-Khimic No. 5, 1971, 19820

to. The decrease of h and a of a mixture relatively to h and a for Na^+ is in proportion to the decrease of the Na^+ content in the mixture. h and a are measured on polarographs of mixtures $Na - Cs$ or $K - Cs$ and the content of each component is computed by means of calibrating curves and tables. The method of addition is used, when the relation between the alkali metals is 1 : 10.

Card 3/3

DUCA, A.

RUMANIA/Analytic Chemistry - Analysis of Inorganic
Substances.

E-2

Abs Jour : Ref Zhur - Khimiya, No 14, 1958, 46434

Author : A. Duca, D. Stanescu

Inst : Academy of Sciences of Rumania, Cluj Section.

Title : Determination of Some Microelements of Soil (Cu, Pb,
Ni, Co and Mn) by Esarographic and Photometric Methods.

Orig Pub : Studii si cercetari chim. Acad. RFR Fil. Cluj, 1957, 8,
No 1-2, 75-83.

Abstract : The weighed sample of the soil to be analyzed (about 5
g) is calcined at 450°, treated with 70%-ual HClO₄ (20
to 30 ml) or aqua regia with the addition of 5 ml of
HClO₄ at the end, evaporated until nearly dry in a
sand bath, 50 ml of 1 n. HCl is added, the mixture is
boiled 30 min. with a reflux concenser, filtered,

Card 1/3

RUMANIA/*Analytic Chemistry - Analysis of Inorganic Substances.*

E-2

Abs Jour : Ref Zhur - Khimiya, No 14, 1958, 46434

washed with 1 n HCl and diluted with water to some determined volume. An aliquote portion of the prepared solution corresponding to 0.1 of the sample is used for the photometric determination of Mn by the persulfate method. The remaining solution is treated with 40%-ual citric acid, concentrated NH_4OH is added to pH of about 9, Cu^{2+} , Ni^{2+} , Co^{2+} , Zn^{2+} and some other elements are extracted with 0.03%-ual chloroform solution of dithizone, CHCl_3 is distilled off, dithizonates and the dithizone excess are decomposed by treating with a mixture of 70% of HClO_4 + 30% of H_2O_2 and the residue is diluted with water to some determined volume. An aliquote portion of the prepared solution corresponding to 0.1 of the sample is used for the determination of Pb^{2+} by the dithizone method. The remaining solution is evaporated until dry, diluted with water to a determined volume

Card 2/3

21

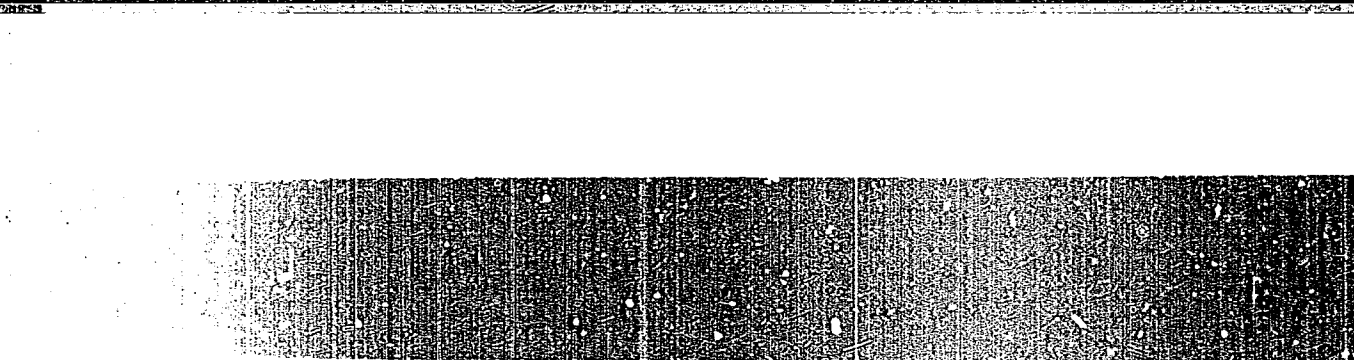
RUMANIA/*Analytic Chemistry - Analysis of Inorganic Substances.*

E-2

Abs Jour : Ref Zhur - Khimiya, No 14, 1958, 46434

and polarographed on the background of 1 M NH_4OH (2 ml) + 1 M NH_4Cl (2 ml) for the determination of Cu, Ni and (Co + Zn). After the polarographing, Co^{2+} is determined photometrically in the solution with a nitroso-R salt or NH_4SCN . The amount of Zn is found from the difference. The total sum of errors is not more than 10%. The reproducibility of results is satisfactory.

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RUMANIA/Physical Chemistry - Solution. Theory of Acids and Bases. B

Abs Jour : Ref Zhur Khimiya, No 19, 1959, 67354

Author : Ripan, R., Buca, A., Caluz, Cleopatra.

Inst : Rumanian Academy , Cluj Affiliate

Title : Investigation of Concentrated Molybdenum Acids.

Orig Pub : Studii si cercetari chim. Acad. RFR Fil. Cluj, 1958, 9,
No 1-4, 19-36

Abstract : This investigation was carried out in order to determine the maximum degree of condensation of molybdenum acid molecules as a function of concentration and solution pH by conductometric, potentiometric, gravimetric, and chromatographic methods. It was established that as the solution concentration increases, the degree of condensation, the stability of the internal sphere of molybdenum acid complexes, and the degree of dissociation of

Card 1/2

- 30 -

RUMANIA/Physical Chemistry - Solutions. Theory of Acids and Bases. B

Abs Jour : Ref Zhur Khimiya, No 19, 1959, 67354

external H^+ ions increases up to a specific value.
Depending on the solution concentration and pH the
 $H_6Mo_6O_{21}$ molecule may polymerize:

$2H_6Mo_6O_{21} + H_{12}Mo_{12}O_{42}$. -- R. Mocharnyuk

Card 2/2

RUMANIA/Inorganic Chemistry - Complex Compounds. C

Abs Jour : Ref Zhur Khimiya, No 19, 1959, 67499

Author : Ripan, R; Duca, A., Getanu, I.

Inst : Rumanian Academy, Cluj Affiliate

Title : Study of the Formation of Oxalo-Molybdates in Aqueous Solutions.

Orig Pub : Studii siceretari chin. Acad. RFR Fil. Cluj., 1958, 9, No 1-4, 47-65

Abstract : The interaction in aqueous solutions of molybdates (Na_2MoO_4 , $(\text{NH}_4)_2\text{Mo}_2\text{O}_7$, $\text{H}_6\text{[Mo}_5\text{O}_{18}]$ and $(\text{NH}_4)_6\text{[Mo}_7\text{O}_{24}]$) and oxalates was studied by conductometric, chromatographic, electrochromatographic, and polarographic methods. The formation of complex oxalo-molybdates was established.
-- Author's summary

Card 1/1

- 47 -

DUCA, A.; CETEANU, I.; RIPAN, R.

Study of the formation of oxalatomolybdenic acids in aqueous solution. I. p. 47.

Academia Republicii Populare Romine. Filiala Cluj. STUDII ȘI CERCETARI DE
CHIMIE. Cluj, Rumania. Vol. 9, no. 1/4, Jan./Dec. 1958.

Monthly List of East European Accessions (EEAI) Vol. 8, no. 7, July 1959.

Uncl.

RIPAN, R., acad.; DUCA, A.; MAGER, A.

Paper-chromatographic studies on the behavior of the hydrogen ions of silicewolframic acids. Rev chimie 6 no.1:51-56 '61.

1. Institut für Chemie, Cluj, Akademie der Rumänischen Volksrepublik.
2. Membre du Comité de rédaction "Revue de chimie" (for Ripan).

DUCA, A.; PUSCASU, Mariana; STANESCU, Doina

Electrolytic sediment of rhenium beside different quantities
of molybdenum. Studii cerc chimie Cluj 14 no.2:351-356 '63.

1. Institute of Chemistry, Rumanian Academy, Cluj Branch.

RIPAN, Raluca, DUCA, Al.

Behavior in aqueous solution of the heteropolycombinations with tungsten and cobalt (Co^{2+} and Co^{3+}). Rev. chimie Roum 9 no.3:177-189 Mr '64.

1. Institute of Chemistry of the Rumanian Academy, Cluj Branch.

RIPAN, Raluca; DUCA, Al.

Behavior in aqueous solution of the heteropolycompounds with tungsten and cobalt (Co^{2+} and Co^{3+}). Studii cerc chim 12 no.3: 199-210 Mr '64.

1. Institute of Chemistry of the Rumanian Academy, Cluj Branch.

DUCA, Al.; BUDIU, T.

Cobalt molybdates. Rev chimie Roum 10 no.2:193-207 P '65.

1. Institute of the Rumanian Academy, Cluj Branch, 59-65 Donath
St. Submitted July 25, 1964.

DUCA, A.; BUDIU, T.

Comp. molybdates. Studii cerc chim L. no. 2:179-192 P 165.

Institute of Chemistry of the Romanian Academy, Cluj Branch,
59-63 Gara St. Submitted July 25, 1964.

DUCA, E.
CA

3

Light scattering of unfractionated and fractionated poly-
styrene solutions. J. W. Hertenbach and R. Fruch
(Univ. Vienna). *Makromol. Chem.* 62, 628-30 (1963). The turbid-
ity of polystyrene solns. with av. mol. wt. measured be-
tween 20,000 and 100,000 in Me Et ketone, benzene, and
CCl₄. The mean value of the turbidity for the same wt. of
the unfractionated polymer is approx. double that for the
av. molar wt. The slope of the turbidity curve is similar for
both unfractionated and fractionated solns. The 2411-A
line of Hg is used as the light source. O. N. Kirin

CANDREA, P.; GAIGINSCHI, Al.; FEDOROVICI, G.; DUCA, E.; STAVRI, N.;
PEPCEA, I.; LASCU, N.

Active artificial immunisation against tularemia. Rev. igiena
microb. epidem., Bucur. no.4:60-68 Oct-Dec 54.

(TULAREMIA, prev. & control
vacc., comparison of living & killed vaccines, in rats)
(VACCINES AND VACCINATION
tularemia vacc. in rats, comparison of living & killed
vaccines)

DUCA, M.; ~~DUCA, M.~~; NUTESCU, O.

Immunising value of fixed virus (Rabies strain) inactivated by a modified electro-catadynamic method. Rev. igiena microb. epidem., Bucur. no.4:68-83 Oct-Dec 54.

1. Catedra de bacteriologie I.M.F., Iasi Laboratorul de microbiologie si infuziologiologie I.M.F. Iasi.

(RABIES, virus

fixed virus inactivated by electro-catadynamic method, immunising value)

CONSTANTINESCU, N.,; DUCA, M.,; DUCA, E.,; CHERPINA, A.

Experimental paralytic rabies cured or autosterilized in partially immunized animals. Stud. cercet. inframicrobiol., Bucur. 6 no.1-2:9-16 Jan-June 55.

1. Institut de Inframicrobiologie al Academiei R.P.R. si Institutul de medicina din Iasi.

(RABIES, experimental
in rats partially immunized with Fermi vacc., recovery
& autosterilization)

(VACCINES AND VACCINATION
rabies vacc., Fermi vaccine in exper. rabies)

COUNTRY	: RUMANIA	
CATEGORY	:	E
ABS. JOUR.	: Mzhbiol., No. 1955, No. 9910	
AUTHOR	: Duca, M., Duca, Eng., Wasserman, L., Tomescu, El.*	
INST.	: Rumanian Academy of Sciences	
TITLE	: Study of a Disease Produced by Coxsackie Viruses in Moldova. First Report. Isolation and Identification of the Virus	
ORIG. PUB.	: Studii si cercetari stiint. Acad. RPR RM. Iasi Med., 1956, 7, No 1, 129-141	
ABSTRACT	: *Greteanu, G. Description of 1 case.	
Card:	1/1	

DUCA EXCERPTA MEDICA Sec 4 Vol 12/6 Med. Micro. June 59

1813. COXSACKIE VIRUSES IN MOLDAVIA. II. STUDY OF A RURAL EPIDEMIC FOCUS - Cercetări asupra virusului Coxsackie în Moldova. II. Studiul unui focar epidemic rural - Duca M., Duca Eng., Tomescu E., Oană C., Vitiș A., Iordăchescu D. and Ungureanu D. Cal. de Microbiol. și Infamicrobiol., Inst. de Med. Iasi - STUD. CERCET. STIINT. MED. 1957, 8/1 (125-147) Tables & Illus. 1

An epidemic in a Moldavian village in the summer of 1956 comprised 9 manifest cases: 3 'paralytic' (reversible), 3 myalgic, 2 severe grippal and 2 mild grippal. Coxsackie virus was isolated 74 times from stools of 65 inhabitants; of 211 persons examined, 30.8% were carriers and the proportion of virus excretors among members of households in which a case had occurred was 63.7%. Virus was also isolated twice from house-flies. All strains isolated belonged to Dalldorf group A and were myotropic and probably of one single antigenic type. Children and adolescents were the most affected (36%), with a maximum between 1 and 6 yr.; the proportion of adult cases was 22%. There was no sex difference. Successive cases (manifest or inapparent) in a family occurred at intervals of 30-40 days. Infection occurred in 40.8% of houses. The duration of virus excretion was 54 days in 2 cases. In manifest cases the virus disappeared shortly after the onset of illness and at the same time neutralizing antibodies appeared in the serum, where they persisted for at least 5 months, increasing during the first few months.
Pecurariu - Orasul Stalin (L, 4, 6, 8, 17)

DUCA, Eug.; TOMESCU, Ml.; DUCA, M.; BOTAN, A.

Immunisation of white mice with Coxsackie viruses for the purpose of obtaining hyperimmune serum. Stud.cercet. inframicrobiol., Bucur. 10 no.4:459-470 '59.

1. Comunicare prezentata la Institutul de inframicrobiologie al Academiei R.P.R., in sedinta din 22 iunie 1959.
(COXSACKIE VIRUSES, immunology)
(HYPERIMUNE SERUMS)

DUCA, M.; TEODOROVICI, Gr.; OANA, C.; DUCA, Eugenia; VITA, Alla; BIRSAN, șt.;
ROSCA, Lucia; VANCEA, Georgeta; DIMITRIU, G.; MIHAILESCU, G.

Epidemic of adenovirus infection with ocular manifestations. Stud.
cercet. inframicrobiol. 13 no.3:359-366 '62.

(ADENOVIRUS INFECTIONS) (EYE MANIFESTATIONS)
(KERATOCONJUNCTIVITIS)

DUCA, M.; TEODOROVICI, Gr.; DUCA, Eugenia; VANCHA, Georgeta; IVAN, R.;
HANDRACHE, Ludmila; UMEA, C.; ALEXANDRUSCO, M.

Immuno-epidemiological study on the natural variation of type
A and B influenza viruses during the past 30 years in Rumania.
Arch. roum. path. exp. microbiol. 22 no.4:979-986 S-D'63.

1. Travail de l'Institut Medico-Pharmaceutique de Jassy; Labora-
toire de virologie.

RUMANIA

M. DUCA, Gr. TEODOROVICI, Eugenia DUCA, Georgeta VANCEA, Olga PETROAIE, Lidia HANDRACHE, Florica RUSU and A. IVAN; Department of Virology and Department of Epidemiology, Medical College (Catedra de virusologie si Catedra de epidemiologie, Institutul de medicina,) Iassi.

"Effectiveness of Vaccination with Type A₂ Live Influenza Virus."

Bucharest, Studii si Cercetari de Inframicrobiologie, Vol 14, No 2, 1963; pp 137-146.

Abstract [English summary modified]: Vaccination of 91 persons, incl. 75 students aged 14 to 19, by intranasal instillation route with Soviet-made A₂ influenza vaccine produced increase in inhibitory antibodies in 46 (50%) within 2 weeks, but this tended to persist only for a 2-week period. Virus strain isolated in the community in 1959 was a more potent antibody trigger. Stress (work outside in winter, fatigue) reduced immunologic responsivity and resistance to disease. Four tables, 2 graphs; 2 Soviet, 5 US, 1 Brit, 4 Rumanian (incl. 3 'in press') ref's.

1/1

DUCA, M.; DUCA, Eugenia; BIBERI-MOROIANU, Sanda; MARDARI, Al.; MURGESCU, Tanta

Specificity of the West-Nile hemagglutinating antigen, extracted with reagents prepared in the country, in the detection of infections with arthropod-borne encephalitis viruses of the B group.
Stud. cercet. inframicrobiol. 15 no.1:31-35 '64.

DUCA, Eugenia; DUCA, M.; HANDRACHE, Ludmila; VANCEA, Georgeta; MURGESCU, Tanta;
BERNESCO, Elisabeta

Dynamics of antibodies in white rats during the preparation of
reference immune sera with West Nile virus of the Egypt 101
strain. Stud. cercet. inframicrobiol. 15 no.1:37-41 '64.

DUCA, M.; DUCA, Eugenia; BIBERI-MORIANU, Sanda; VANCEA, Georgeta;
HANDRACHE, Ludmila; TEODOROVICI, Gr.; POPA, S.; BUZDUGAN, I.;
MARDARI, A.; OANA, C.; DUMITRESCU, D.; IVAN, A.; BUSILA, I.

Immuno-epidemiological research on encephalitis transmitted
by sheep ticks. Stud. cercet. inframicrobiol. 15 no.3:
231-239 '64.

DUKA, M. [Duca, M.]; TEODOROVICH, G. [Teodorovici, Gr.]; DUKA, Ye. [Duca, E.];
VANCHA, Zh. [Vancea, J.]; IVAN, A.; KHANDRAK, L. [Handrache, L.];
OANA, Ch.; ALEKSANDHESKU, M. [Alexandrescu, M.]

Immunoepidemiological study of th natural variability of A and B
viruses in Rumania for the past 30 years. Vop. virus. 10 no.1:56-60
Ja-F '65. (MIRA 18:5)

1. Laboratoriya virusologii Meditsinskogo instituta, Yassy.

DUCA, Daniela; WIESLER, Sr.

Experimental investigations on the correction of microcytosis
in the course of the erythropoietin reaction. Fisiol. norm. pat.
11 no.1:61-66 Ja-F '65.

1. Catedra de fiziologie, Institutul medico-farmaceutic, Cluj
(director: prof. I. Baciu).

RUMANIA

576.8.097.35:616.988.2(ARBO)

DUCA, Eugenia, DUCA, K., BIBERI-MOROIANU, Sanda, MOROSANU, Valeria, BERNESCU, Elisabeta, and VANCEA, Georgeta, of the IMF [Institutul de Medicina si Farmacie; Medical-Pharmaceutical Institute] Iasi.

"The Hemagglutination Inhibition Reaction with West Nile Antigen in the Deceleration of Antibodies Against Group B Arboviruses."

Bucharest, Studii si Cercetari de Inframicrobiologie, Vol 17, No 3, 66, pp 197-208.

Abstract: The authors demonstrate that West Nile hemagglutinating antigen is an accurate indication for the presence in human or animal sera of inhibiting antibodies against group B tick encephalitis. The serological data indicate that different group B viruses are present in Rumania, with antibodies against the Russian spring-summer encephalitis predominating in the northeast and antibodies against the West Nile variety predominating in the Southwest. Large percentages of Rumanian herons and moor hens showed the presence of inhibiting antibodies against West Nile virus.

Includes 9 tables and 2 figures. Also includes a bibliography with 45 references, of which 10 Rumanian, 4 Russian, 11 other Eastern European, 4 German, one French and 15 English-language.

1/1

DUCA, Fl.

"From the history of the finance of Bucharest" by Milan Popovici.
Reviewed by Fl. Duca. Probleme econ 14 no.8:143-147 Ag '61.

(Bucharest--Finance, Public)

(Popovici, Milan)

DUCA, Fl.

Development of industry in Poland. Problems econ 15
no.7:131-136 J1 '62.

DUCA, Fl.

Review of "Finante si Credit." Reviewed by Fl. Duca. Probleme econ
16 no.12:129-132 D '63.

GLUHOVSKI, N.; ZARNEA, G.; LUSTREA, V.; ALEXANDRESCU, N.;
IONESCU, Honorina; DUGA, H.

Study of experimental infection of some domestic animal species
with *Coxiella burnetii*. Studii agr Timisoara 10 no.1:121-131
Ja-Je '63.

DUCA, M.; DUCA, Eug.; NUTESCU, O.

Immunising value of fixed virus (Rabies strain) inactivated
by a modified electro-cata-dynamic method. Rev. igiena microb.
epidem., Bucur. no.4:68-83 Oct-Dec 54.

1. Catedra de bacteriologie I.M.F., Iasi Laboratorul de
microbiologie si infirmicrobiologie I.M.F. Iasi.

(RABIES, virus

fixed virus inactivated by electro-cata-dynamic method,
immunising value)

CONSTANTINESCU, M.; DUCA, M.; DUCA, E.; CHEPTEA, A.

Experimental paralytic rabies cured or autosterilized in partially immunized animals. Stud. cercet. inframicrobiol., Bucur. 6 no.1-2:9-16 Jan-June 55.

1. Institut de Inframicrobiologie al Academiei R.P.R. si Institutul de medicina din Iasi.

(RABIES, experimental

in rats partially immunized with Fermi vacc., recovery & autosterilization)

(VACCINES AND VACCINATION

rabies vacc., Fermi vaccine in exper. rabies)

COUNTRY	: RUMANIA	E
CATEGORY	:	
ABST. JOUR.	: RZhBiol., No. 1959, No. 9910	
AUTHOR	: Duca, M., Duca, Eug., Wasserman, L., Tomescu, El.*	
INST.	: Rumanian Academy of Sciences	
TITLE	: Study of a Disease Produced by Cocksackie Viruses in Moldavia. First Report. Isolation and Identification of the Virus	
ORIG. PUB.	: Studii si cercetari stint. Acad. RPR FM. Iasi Med., 1956, 7, No 1, 129-140	
ABSTRACT	: *Greteanu, G. Description of 1 case.	
Card:	1/1	

Duca M
EXCERPTA MEDICA Sec 8 Vol 12/3 Neurology Mar 59

1801. COXSACKIE VIRUSES IN MOLDAVIA. II. STUDY OF A RURAL EPIDEMIC FOCUS - Cercetări asupra virusului Coxsackie în Moldova. II. Studiul unui focar epidemic rural - Duca M., Duca Eug., Tomescu E., Oana C., Vite A., Iordăchescu D. and Ungureanu D. Cat. de Microbiol. și Infamicrobiol., Inst. de Med., Iasi - STUD. CERCET. STINT. MED. 1957, 8/1 (125-147) Tables 8 illus. 1

A Coxsackie virus epidemic in a Moldavian village ('L') in the summer of 1956 comprised 9 manifest cases: 3 'paralytic' (reversible), 3 myalgic, 3 gripal. Coxsackie virus was isolated 74 times from stools of 65 inhabitants; of 211 persons examined, 30.8% were carriers of the virus, but the proportion of virus excretors among members of households in which a case had occurred was 63.7%. Virus was also isolated twice from flies from 2 houses. All virus strains isolated belonged to Dalldorf group A, and were myotropic and probably of one single antigenic type. Children and adolescents (1-14 yr.) were the most affected (38%), with a maximum between 1 and 6 yr.; the proportion of adult cases was 22%. There was no difference between the sexes. Successive cases (manifest or inapparent) in a family occurred at intervals of 30-40 days. Infection occurred in 40.8% of houses. The duration of virus excretion was 54 days in 2 cases. In manifest cases the virus disappeared shortly after the onset of illness, and at the same time neutralizing antibodies appeared in the serum where they persisted for at least 3 months, increasing during the first few months. To establish an aetiological diagnosis it is necessary to demonstrate the appearance or a large rise in titre of antibody to the strain isolated from the patient or the community. Pecurariu - Orasul Stalin (L. 4, 6, 8, 17)

DUCA, Eug.; TOMESCU, Ml.; DUCA, M.; BOTAN, A.

Immunization of white mice with Coxsackie viruses for the purpose of obtaining hyperimmune serum. Stud.cercet. inframicrobiol., Bucur. 10 no.4:459-470 '59.

1. Comunicare prezentata la Institutul de inframicrobiologie al Academiei R.P.R., in sedinta din 22 iunie 1959.

(COXSACKIE VIRUSES, immunology)

(IMMUNE SERUMS)

DUCA, M.; TEODOROVICI, Gr.; OANA, C.; DUCA, Eugenia; VITA, Alla; BIRSAN, St.;
ROSCA, Lucia; VANCEA, Georgeta; DIMITRIU, G.; MIHAILESCU, G.

Epidemic of adenovirus infection with ocular manifestations. Stud.
cercet. inframicrobiol. 13 no.3:359-366 '62.

(ADENOVIRUS INFECTIONS) (EYE MANIFESTATIONS)
(KERATOCONJUNCTIVITIS)

RUMANIA

M. DUCA, Gr. TEODOROVICI, Eugenia DUCA, Georgeta VANCEA, Olga PETROAIE, Lidia HANDRACHE, Florica RUSU and A. IVAN; Department of Virology and Department of Epidemiology, Medical College (Catedra de virusologie si Catedra de epidemiologie, Institutul de medicina,) Iassi.

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1/1

RUMANIA

M. DICA, Gr. TEODOROVICI, C. OANA, P. FOISOR, G. VANCEA, A. IVAN, L. HANDRACHE and S. CHIRICA, College of Medicine and Pharmacy (Institutul de medicina si farmacie) and Regional Public Health Office (Sanepidul regional), Iassi.

"Epidemic of Influenza B in a Children's Community."

Bucharest, Studii si cercetari de inframicrobiologie, Vol 14, No 3, 1963; pp 305-313.

Abstract [English summary modified]: In May-June 1962, an epidemic of influenza B involved 17 of 40 children and 4 of 25 staff in a children's home in Iassi. Diagnosed serologically in that period while influenza A which had peaked in the area during Feb-Mar, had decreased markedly. Two of the children contracted both at 2.5 months' distance. Biphasic temperature curve. Three graphs, 3 tables, 4 Rumanian references.

20

DUCA, M.; TEODOROVICI, Gr.; DUCA, Eugenia; VANCEA, Georgeta; IVAN, R.;
HANDRACHE, Lucmila; OANA, C.; ALEXANDRESCO, M.

Immuno-epidemiological study on the natural variation of type
A and B influenza viruses during the past 30 years in Rumania.
Arch. roum. path. exp. microbiol. 22 no.4:979-986 S-D'63.

1. Travail de l'Institut Medico-Pharmaceutique de Jassy; Labora-
toire de virologie.

DUCA, M.; DUCA, Eugenia; BIBERI-MOROIANU, Sanda; MARDARI, Al.; MURGESCU, Tanta

Specificity of the West-Nile hemagglutinating antigen, extracted with reagents prepared in the country, in the detection of infections with arthropod-borne encephalitis viruses of the B group. Stud. cercet. inframicrobiol. 15 no.1:31-35 '64.

DUCA, Eugenia; ~~DUCA, M.~~ HANDRACHE, Ludmila; VANCEA, Georgeta; MURGESCU, Tanta;
BERNESCU, Elisabeta

Dynamics of antibodies in white rats during the preparation of
reference immune sera with West Nile virus of the Egypt 101
strain. Stud. cercet. inframicrobiol. 15 no.1:37-41 '64.

DUCA, M.: DUCA, Eugenia; BIBERI-MORIANU, Sanda; VANCEA, Georgeta;
HANDRACHE, Ludmila; TEODOROVICI, Gr.; POPA, S.; BUZDUGAN, I.;
MARDARI, A.; OANA, C.; DUMITRESCU, D.; IVAN, A.; BUSILA, I.

Immuno-epidemiological research on encephalitis transmitted
by sheep ticks. Stud. cercet. inframicrobiol. 15 no.3:
231-239 '64.

DUKA, M. [Duca, M.]; TEODOROVICH, G. [Teodorovici, Gr.]; DUKA, Ya. [Duca, E.];
VANCHA, Zh. [Vancea, J.]; IVAN, A.; KHANDRAK, L. [Handrache, L.];
OANA, Ch.; ALEKSANDRESKU, M. [Alexandrescu, M.]

Immunoepidemiological study of the natural variability of A and B
viruses in Rumania for the past 30 years. Vop. virus. 10 no.1:56-60
Ja-F '65. (MIRA 18:5)

1. Laboratoriya virusologii Meditsinskogo instituta, Yassy.

RUMANIA

576.858.5

DUCA, M., ALEXANDRESCU, M., RADU, C., HANDRACHE, L. and CRAESCU, D., of the Medical Institute (Institutul de Medicina), Iasi.

"The Morphological Study of the Synthesis of Type 7 Adenovirus in HeLa Cells."

Bucharest, Studii si Cercetari de Inframicrobiologie, Vol 17, No 4, 66, pp 303-305.

Abstract: In a study of the sequence of nuclear changes produced by type 7 adenoviruses in HeLa cells in order to determine the relations between viral protein and mature viruses, the authors were unable to find any evidence of protein crystals. They suggest that this may be due to uniform dispersal of the proteins or to the fact that under the experimental conditions used the viral infection did not lead to the formation of protein crystals.

Includes 21 figures and 8 references, of which one German and 7 English-language.

1/1

DUCA, Z.

Contributions to the problem of determining optimum conditions for cutting
metal. p. 8.

METALURGIA SI CONSTRUCTIA DE MASINI

Vol. 8, no. 3, Mar. 1956

Rumania

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

DUCA, Z.

Towards new orientation in the construction and standardisation of cutting tools
p. 11

ZAREA, Bucuresti, Vol. 8, No. 3, Mar., 1956

SO: East European Accessions List (EEAL) Library of Congress, Vol 5, No. 7, July, 1956

DOCA, 2.

Practical indices in connection with the establishment of the best operating conditions for cutting. p. 3. METALURGIA SI CONSTRUCTIA DE MASINI. (Ministerul Industriei Metalurgice si Constructiilor de Masini si Asociatia Stiintifica a Inginerilor si Techniciilor) Bucuresti.
Vol. 8, no. 4, Apr. 1956.

SOURCE: East European Accessions List, (EEAL), Library of Congress,
Vol. 5, No. 11, November, 1956.

DUCĂ, Z.

Calculation of splintering parameters on turning with tangential advance. p. 36.

METALURGIA SI CONSTRUCTIA DE MASINI. (Ministerul Industriei Metalurgice
si Constructiilor de Masini si Asociatia Stiintifica a Inginerilor si
Technicianilor din Romania) Bucuresti, Romania. Vol. 11, no. 1, Jan. 1959.

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Uncl.