"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001238

MILKU, Sh.M. [Milcu,S.A.]; ANDZHELESKU, Ye. [Angelescu, E]; DAMIAN, A. [DAMIAN, A.]; STOYENESKU,D. [Stoenescu, D.]; OPRAN, Kh.[Opran,H.] OPROYU, A. [Oproiu,A.]; IORGULESKU, G. [Iorgulescu, G].

Virilizing malignant tumor of the adrenal gland. Lia Probl.endok. i gorm 8 no.2:98-103 Mr-Ap'62. (MIRA 16:7)
(ADRENAL GLAND—CANCER) (VIRILISM)

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0012381

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001238

ANGELESCU, E.; DAMIAN, Al.; STOENESCU, D.; OPRAN, H.; OPROIU, A.; MOTOMANCEA, D.

The role of adrenal cortex hormones in the prevention and therapy of grave surgical complications. Stud. cercet. endocr. 13 no. 1 51-54 '62.

(PREOPERATIVE CARE) (POSTOPERATIVE CARE) (ADRENAL CORTEX HORMONES) (NOREPINEPHRINE) (SHOCK)

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0012381

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001238

STOENESCU, D.; ANGELESCU, F.; DAMIAN, A.; [illegible]RAN, [illegible]; [illegible], A.; ISFAS, I.

Influence of adrenal [illegible] on the [illegible]seous disorders of Cushing's syndrome, Stud. cercet. endocr. [illegible] 141-14[illegible] [illegible].

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0012381

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001238

SIMIONESCU N.; OTRAN, H., [illegible]

Problems of anatomo-[illegible] correlations in [illegible] lesions of the endocrine pancreas. Stud. cercet. endocr. 15 no.4:293-306 '64.

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0012381

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001238

[illegible]

[illegible], E.

Silesian Institute [illegible]

Prague, [illegible], No 1, [illegible]
106

"The Occurrence of [illegible] Massalongo near [illegible] District."

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0012381

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001238

OPRAVIL, Emanuel

Distribution of sycamore in Jeseniky Mountains studied on the basis of local names. Prir cas slezsky 23 no.1:105-112 '62.

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0012381

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001238

OPRAVIL, Emanuel

The age of the peat bog near Uvalno in the Bruntal District.
Prir cas slezsky 23 no.2:225-231 '62.

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0012381

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001238

PAV.I, Emanuel

Occurrence of the Juglans bergomensis (Balsamo-Crivelli) Massalongo near Svasice, Kromeriz District. Cas min geol. 9 no. 1:104-106 '64.

1. Ustredni ustav geologicky, Ceskoslovenska akademie ved.

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0012381

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001238

Z/034/60/000/08/009/030
E073/E335

AUTHORS: Opravil, Oldřich, Engineer, Káčerová, Otga, Pažitný, Jozef and Svatík, Ivan

TITLE: Isolation and Analysis of Carbides from 16/13 Austenitic Steels Alloyed with Niobium and Molybdenum

PERIODICAL: Hutnické listy, 1960, Nr 8, pp 628 - 631

ABSTRACT: The purpose of the work was to isolate carbides, affecting as little as possible the isolate during the process, and analysis of the carbides, particularly of the main substance, i.e. niobium and niobium carbide. The isolation was carried out in apparatus similar to that described in a report by L. Brháček (Ref 7) and Bäckström and Heiskanen (Ref 8) in the case of roller-shaped specimens and in apparatus representing a modified design of that described by Brown, Clark and Parker (Ref 5) in the case of specimens in the shape of fine prisms. Primarily apparatus as shown in Figure 2 was used, employing prism-shaped specimens of the dimensions of 50 to 80x20x5 mm. placed into a glass tube (Figure 4). The working procedure is described in detail and results are given which were obtained for a steel of the following composition:

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"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001238

OPRAVIL, O.

12200

AUTHORS: [illegible]

TITLE: The [illegible] structural stability of 16/13 Mb austenitic [illegible] in resistance flash butt welding

PERIODICAL: Zváračský sborník, no. 1, 1962, 50-104

TEXT: [illegible] affected zone of Type 16-13Mb steel at resistance flash butt welding was studied to resolve controversial interpretations regarding the causes of cracking in the weld area of this steel type. A thermal-cycle simulator with programmable heat-treatment of test specimens was built for this purpose at the Laboratórium fyziky kovov SAV (Laboratory of Metal Physics, Slovak AS). In the test program, three thermal cycles were simulated with the following respective maximum temperatures: T_{min}=900°C; T_{inter}=1100°C; and T_{max}=1300°C. The influence of these cycles on the

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The [illegible]

[illegible] spot X-ray spectral analysis; [illegible] tained, it is concluded that the [illegible] greatly influenced not only by the [illegible], but also by [illegible] distribution of niobium carbide. However, the cause of the [illegible] the grain boundaries cannot be explained merely by the observed [illegible] mations, as proposed by Moore and Griffith [Journal Iron Steel Inst. [illegible] 1, 29-3], but is rather attributable to the combined effects of various factors, such as liquid film along the grain boundaries; internal stresses; formation of microcracks upon cooling; hot and cold brittleness; formation of a new [illegible]; local formation of niobium eutectic; etc., as suggested by Hemichael [Welding Journal 35, 1956, 12, 569-58]. There are 34 figures and 3 tables.

ASSOCIATIONS: SAV Bratislava; VUZ Bratislava

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"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001238

G/014/62/000/004/003/006
D030/D109

AUTHORS: Králik, F., Doctor, Duhaj, P., Engineer, Havalda, A., Engineer, Schweighofer, A., Engineer, and Opravil, O., Engineer (Bratislava)

TITLE: The stability problem of the structure of 16/13/Nb-chrome-nickel steel butt-welded according to the gas-welding method

PERIODICAL: Schweisstechnik, no. 4, 1962, 185-186

TEXT: The increased application of austenitic steels in the chemical industry and in thermal power plants continuously demands higher specifications for reliable weldability, permanent heat resistance and corrosion resistance. Studies of the phase conversions in the heat-affected zone of an austenitic steel during the welding process or heat treatment are of great importance. Comprehensive tests, particularly on the basis of thermal cycles, showed that cracks are caused by the combined effect of a number of factors, e.g.: liquid film around the grain boundaries, inner stress, formation of micro-cracks during cooling, hot- and cold-shortness, generation of a new phase in the local formation of a eutectic, etc. The σ-phase and form and distribution of niobium carbides also have a considerable influence on the resulting properties.

Card 1/1

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0012381

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001238

OPRAVIL, Oldrich, inz.; SVATIK, Ivan

Quick determination of residual hydeogen in welds of low alloy and unalloyed steel. Zvaranie 11 no.3:75-76 Mr '62.

1. Vyskumny ustav zvaracsky, Bratislava.

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0012381

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001238

Z/034/63/000/001/005/012
E073/E151

AUTHORS: Opravil, Oldřich, Engineer; Borovský, Martin, Engineer; Svatík, Ivan, and Pažitný, Jozef

TITLE: Contribution to determining oxide inclusions in high-alloy steels

PERIODICAL: Hutnické listy, no.1, 1963, 52-55

TEXT: The electrolytic method of E. Piper, H. Hagedorn, H. Kern and J. Ingeln (Radex-Rundschau, no.5/6, 1957, 776) for isolating inclusions in austenitic steels was found to be unsatisfactory because: a) at low current densities (below 10 mA/cm^2) electrolysis was too slow; b) with 18/8 steels containing Nb, Ti or Mo, higher values were obtained than by metallographic examination for the total inclusions, but lower values for oxide inclusions; c) 13/12 Cr-Ni steels caused turbidity and 18/8 steels yielded no inclusions even after passivation; and d) the ascorbic acid used was expensive. The authors isolated carbides and inclusions by electrolysis in 1.5% alcoholic HCl at 40 mA/cm^2, at 8 °C max., the inclusions being removed at least every four hours to minimise oxide losses

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by dissolution; these amounted to 1 - 2% for SiO_2, 4 - 5% for Al_2O_3, 13 - 15% for CaO, and 23 - 25% for MgO. The authors developed a method for isolating the oxides in the inclusions, by chlorination at comparatively high temperatures, using a cycle consisting of: 1) evacuation of the apparatus; 2) chlorination; and 3) sublimation of the chlorides produced; the cycle being repeated several times with automatic operation. Tests with pure carbides showed that even tungsten and chromium carbides were removed. Metallic contamination of the inclusions, if present, does not cause any trouble. The electrolysis can be carried out with a circulating electrolyte, which can be cooled and regenerated, so reducing oxide dissolution. In spite of this, the use of HCl electrolytes has the disadvantage that some oxides, e.g. MnO, are attacked considerably. Increasing the pH during electrolysis was disadvantageous, as it led to the formation of gelatinous precipitates resistant to chlorination. The advantages and disadvantages of several electrolytes are discussed, the authors preferring alcoholic acid electrolytes. Direct chlorination (with no electrolysis) could be used to study electrode coatings

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"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001238

Contribution to determining oxide ... Z/034/63/000/001/003/012
E073/E151

and fluxes, and the evacuation, chlorination and sublimation cycle was flexible and could be varied as required.
There are 2 figures and 4 tables.

ASSOCIATION: Výskumny ústav zváračský, Bratislava
(Welding Research Institute, Bratislava)

Card 3/3

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0012381

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001238

OPRAVIL, Oldrich; TITNANSKY, Bohumil; SEBESTIAN, Imrich

Isolation of the carbide phase from titanium and wolfram alloyed chromium-nickel steel and its analysis by the activation method. Chem listy 57 no. 12: 1294-1300 D '63.

1. Vyskumny ustav zvaracsky, Bratislava.

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0012381

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001238

ACCESSION NR: AP4034557 2/0065/64/000/002/0184/0200

AUTHOR: Opravil, Oldrich (Opravil, Ol'drzhikh)

TITLE: Identification of sigma and chi phases in 18/8/4 CrNiMo steels

SOURCE: Kovove materialy, no. 2, 1964, 184-200

TOPIC TAGS: sigma phase, chi phase, CrNiMo steel, micro x ray examination, impact resistance, hardness, potentiostatic isolation, metallographic evaluation, delta ferrite decomposition

ABSTRACT: The paper discusses identification of the sigma and chi phases in 18/8/4 CrNiMo steels by electrolytic isolation. The sigma phase should not exist in FeCrNi above 850C. But the nine samples tested still contained 4% Mo, promoting the formation of the sigma phase and extending the area of its existence at least as far as 900C. In two samples, after 20 and 100 hours at 900C, even more sigma phase was precipitated than in another roasted only 10 hours at that temperature. While the isolated sigma and chi phases cannot

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"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001238

ACCESSION NR: AP4034557

be distinguished in the optical microscope, micro-x-ray examination clearly proves the presence of the chi phase. The impact resistance decreases with the amount of sigma and chi phases, whereas neither a tendency to increase nor to decrease could be noted in the hardness. Potentiostatic isolation at 630 mv (relative value) in an aqueous solution of 15% calcium chloride + 2.5% sodium citrate + 5% hydrochloric acid at 6C is suited for isolating the sigma and chi phases. The sigma phase was isolated together with the chi phase. Isolation alone yields no unequivocal answer to the question of its origin. In conjunction with the metallographic evaluation, the origin of the sigma phase may be attributed to the decomposition of delta ferrite. The paper gives the chemical composition and the amount of both phases for the individual samples. The analysis showed that temperatures up to 900C for a long time support the formation of these phases. Orig. art. has: 16 figures, 4 tables.

ASSOCIATION: Vyskumny ustav zvaracsky, Bratislava (Welding Research Institute)

Card 2/3

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0012381

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001238

ACCESSION NR: AP4034557

SUBMITTED: 12Jul63 DATE ACQ: 11May64 ENCL: 00

SUB CODE: MM NO REF SOV: 003 OTHER: 018

Card 3/3

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0012381

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001238

L 3763-66 EWP(v)/T/EWP(t)/EWP(k)/EWP(b)/EWA(c) JD/HM

ACC NR: AP5027865 CZ/0034/65/000/001/0047/0050

AUTHOR: Opravil, Oldrich (Engineer, Candidate of technical sciences); Borovsky, Martin (Engineer)

TITLE: Use of electrolytic isolation of phases in solving some metallurgical and welding research problems

SOURCE: Hutnicke listy, no. 1, 1965, 47-50

TOPIC TAGS: phase analysis, electron microscopy, electrolysis, metal diffusion, carbon, welding technology, metallurgic research

ABSTRACT: Phase analysis of surface layers of ground materials is discussed. The depth of the layer of oxides, assuming that it is homogeneous, is 1.1 microns. The depth of the underlying layer is difficult to determine. The method is suitable for work in microanalysis, micro X-ray, and electron microscopy. Carbon diffusion from the welding rod into the basic metal or vice versa can be investigated by electrolytic isolation of the carbide phase, together with the graphite carbon in subsequent layers of the metal, and the analysis of C in the isolated sample. The depth of individual layers should be measured exactly. The process of diffusion can then be shown graphically. Elec-

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"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001238

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ACC NR: AP5027865

trolytic isolation together with a magnetic separation facilitates analysis of oxide particles in powdered materials. Some disadvantage is caused by attack upon SiO_2 and an incomplete separation of magnetic and non-magnetic phases. However MnO and Fe_3O_4 cannot be lost. Orig. art. has: 1 table, 3 figures, 3 graphs.

ASSOCIATION: Vyzkumny ustav zvaracsky, Bratislava (Welding Research Institute)

SUBMITTED: 00 ENCL: 00 SUB CODE: MM, GC

NR REF SOV: 000 OTHER: 003 JPRS

GC

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APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0012381

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001238

WALD, F., inz.; OPRAVIL, V., inz.

A simplified method for calculation of bearings. Inz stavby 6 no.1:26-28 Ja '58.

1. Banske projekty.

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0012381

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001238

OPRAVIL, Vlastislav, inz., [illegible], Vratislav, inz.

[illegible]

[illegible] State Institute [illegible]projekt, Praha.

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0012381

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001238

L 25509-66 EWT(1)

ACC NR: AP6011405 SOURCE CODE: UR/0057/66/036/003/0557/0560

49
B

AUTHOR: Belenov, E.M.; Orayevskiy, A.N.

ORG: Physics Institute im. P.N.Lebedev, Moscow (Fizicheskiy institut)

TITLE: Characteristics of a two-resonator molecular beam oscillator

SOURCE: Zhurnal tekhnicheskoy fiziki, v. 36, no. 3, 1966, 557-560

TOPIC TAGS: molecular beam, molecular electronics, resonant cavity, line width

ABSTRACT: In two earlier papers (Radiotekhnika i elektronika, 8, 158, 1963; Izv. vuzov, Radiofizika, 7, No. 3, 479, 1964 the authors have discussed molecular beam oscillators in which two cavity resonators are traversed successively by both of two oppositely directed molecular beams and have defined a characteristic time T* which determines the frequency distribution (line width) of the oscillations. Here they present results of a calculation of T*. The calculations were performed by techniques described in the references cited above and are not described in detail here; they involve solution of Schrödinger's equation for the beam molecules interacting with the resonator fields and Maxwell's equations for the resonator fields excited by the beam. Expressions are given for T* and for the difference between the generated frequency and the frequency of the molecular transition in terms of the frequency of the molecular transition, the resonant frequencies and Q factors of the resonators, the field strengths in the resonators, the matrix element of the molecular polarization for the

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L 25509-66

ACC NR: AP6011405

transition concerned, the times spent by the molecules in the resonators and between them, and a factor that takes account of depolarization of the molecules during their flight between the resonators. The quantity T* is independent of the field strength in the resonators provided the resonator field strength is very high or very low, the molecules spend much more time in the resonators than between them, or the depolarizing factor is very low. When the ratio of the time spent by a molecule between the resonators to the time spent within a resonator exceeds 14, the frequency depends strongly on the field strength within the resonators and the oscillations may become unstable. The present calculations are valid only when the difference between the resonator frequency and the molecular transition frequency is small; when the detuning is considerable oscillation may take place at several frequencies. Orig. art. has: 7 formulas and 3 figures.

SUB CODE: 20 SUBM DATE: 28May65 ORIG.REF: 003

Card 2/2

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0012381

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001238

OPREA, A.

HUNG. 1-F/W

Oprea, A. Interprétation tangentielle du groupe euclidien. Acad. Repub. Pop. Române. Fil. Iaşi. Stud. Cerc. Şti. 4, 53–67 (1953). (Romanian. Russian and French summaries)

This paper is a continuation of one by A. Haimovici [Acad. Repub. Pop. Române. Bul. Şti. A. 1, 119–124 (1949); MR 14, 1121]. Given a surface S in 3-space, the author considers relations between it and the surface Σ, which is the inverse with respect to the origin O, of the surface ("podaire") whose points are the vertical projections of O on the tangent planes to S. The curvatures K and K_1 of S and Σ satisfy $KK_1=\cos^4\theta$, when θ is the angle between OM and the vertical to S at M. The surfaces with $KK_1=$const. are determined, and other similar properties are studied. *A. Nijenhuis* (Princeton, N. J.).

OPREA, A.: Tangent Interpretation of the Euclidian Group

Some

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"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001238

OPREA, Adrian, arhitect

Decorative urban lighting. Energetica Rum 11 no.4 179-180
Ap '63.

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0012381

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001238

OPREA, A.

Nineteenth anniversary of the [illegible] of Romania. [illegible]
Bul 15 no.[illegible] [illegible]

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"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001238

OPREAN, Aurel

Investigations on the volume losses in toothed gear pumps.
Constr mas 17 no.1 14-21 Ja '65.

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0012381

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001238

RUMANIA / Soil Science. Genesis and Geography of Soils. J-1

Abs Jour : Ref Zhur - Biologiya, No 16, 1958, No. 72630

Author : Staicu, I.; Oprea, C. V.; Muresanu, P. L.
Inst : Rumanian Academy, Baza Timisoara
Title : New Contribution to the Knowledge of the Solonchaks of the Middle-Danube Lowland within the Rumanian People's Republic

Orig Pub : Studii si cercetari stiint. Acad. RPR. Baza Timisoara. Ser. stiinte agric., 1956, 3, No 3-4, 57-82

Abstract : An exemplary agricultural meliorative classification is cited of saline soils in the lowland, particularly in the Mures-Aranka river basin. Acid, neutral and weakly alkaline and alkali soils are distinguished. Some physical-chemical properties of the soil are briefly examined, and methods of their melioration - liming, use of fertilizers, gypsum treatment. It is proposed to

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OPREA, C

AGRICULTURE

Periodical: STUDII SI CERCETARI STIINTIFICE. SERIA STIINTE AGRICOLE
Vol. 4 no. 1/2, Jan./June 1957

OPREA, C., and others. The pedological basis of the western part of Rumania and its agricultural value. p.9

Monthly List of East European Accessions (EEAI), LC, Vol. 8 No. 3, March 1959, Unclass.

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0012381

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001238

OPREA, C

AGRICULTURE

Periodical: STUDII SI CERCETARI STIINTIFICE. SERIA STIINTE AGRICOLE
Vol. 4 no. 1/2, Jan./June 1957

OPREA, C., and others. Contributions to the knowledge and utilization of sands in the northwestern part of Rumania. p. 35

Monthly List of East European Accessions (EEAI), LC, Vol. 8, No. 3, March 1959, Unclass.

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0012381

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001238

OPREA, C. V., prof.; DRAGAN, I.; CONTREA, A.; MIHOC, Ema

Increase in the productivity of the podzol of the western part of Rumania following fertilization and liming. Studii agr Timisoara 8 no.1/2:17-29 '61.

1. Sectorul de pedologie, Baza Academiei R.P.R. Timisoara. 2. Membru al Comitetului de redactie si redactor responsabil adjunct, "Studii si cercetari, Biologie si stiinte agricole" (Timisoara)(for Oprea).

(Rumania—Podzol) (Fertilizers and manures)
(Liming of soils)

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0012381

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001238

OPREA, C. V., prof.; MURESANU, P. L.; DRAGAN, I.; CRISAN, I.; OPRIS, L.; MIHOC, Ema; BALAN, S.; BAUMSTARK, I.; PETRESCU, C.; VILCEANU, Nicoleta

Studies on the soils of the western part of our country. Studii agr Timisoara 8 no.3/4:163-169 Jl-D '61.

1. Membru al Comitetului de redactie si redactor responsabil adjunct, "Studii si cercetari, Biologie si stiinte agricole" (for Oprea).

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0012381

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001238

OPREA, C. V., prof.; CIAGLIC, I.; POP, Em.

Soil improvement zoning of the region of Banat, and its effect on farm produce. Studii agr Timisoara 8 no.3/4:171-178 Jl-D '61.

1. Membru al Comitetului de redactie si redactor responsabil adjunct, "Studii si cercetari, Biologie si stiinte agricole" (for Oprea).

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0012381

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001238

BUJOREAN, G.; OPREA, C. V., prof.; GRIGORE, St.

Solonchak reservation of Socodor, region of Crisana. Studii agr Timisoara 8 no.3/4:317-328 Jl-D '61.

1. Membru al Comitetului de redactie si redactor responsabil adjunct, "Studii si cercetari; Biologie si stiinte agricole" (for Oprea).

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0012381

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001238

OPREA, C.V., prof.

Soils of the western part of Rumania. Their nomenclature and classification. I. Natural conditions for the process of soil formation. Studii agr Timisoara 9 no.1/2:63-82 Ja-Je '62.

1. Membru al Comitetului de redactie si redactor responsabil adjunct, "Studii si cercetari, Biologie si stiinte agricole"-Timisoara.

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0012381

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001238

OPREA, C.V., prof.

Saline and alkali soils of Rumania, and their melioration. Studii agr Timisoara 9 no.1/2:177-230 Ja-Je '62.

1. Membru al Comitetului de redactie si redactor responsabil adjunct, "Studii si cercetari, Biologie si stiinte agricole" - Timisoara.

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0012381

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001238

OPREA, C.V.; BALAN, S.

Phenomena of soil sliding destruction in the upper basin of the Timis and the measures to prevent and fight against them. Studii agr Timisoara 10 no.1:9-23 Ja-Je '63.

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0012381

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001238

OPREA, C. V.; BALAN, S.; PRILIPCEANU, Cltea

Humid phreatic soils in the Banat Plain and their agricultural value. Studii agr Timisoara 10 no. 2: 215-240 Jl-D '63.

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0012381

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001238

OPREA, C. V.

Eighth International Congress [illegible]
Timisoara 10 no. 2: 307-309 [illegible] 63.

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0012381

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001238

OPREA, C. V.

International Symposium on the Economic Estimation of the Agricultural Soils. Studii agr Timisoara 10 no. 2: [illegible]

1. Membru al delegatiei R.P.R.

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0012381

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001238

CPREA, Constanta (Com. Coctoveni, raion Titenita)

"T[illegible] country enveloped in the perf[illegible]me of resins" by Arcady Fiedler. Reviewed by Constanta Oprea. Natura Geografie 17 no.2:94-95 Mr-Ap '65.

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0012381

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001238

POPA, C., ing.; OPREA, D., ing.

Carbadin, a substitute of the copper sulfate. St si Teh Buc 13 no.7: 34-35 Jl '61.

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0012381

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001238

SURNAME (in caps); Given Names

Country: Rumania

Academic Degrees:

Affiliation: -not given-

Source: Bucharest, Stiinta si Tehnica, No 7, Jul 1961, pp 34-35.

Data: " 'Carbadin', a Substitute for Copper Sulfate."

Authors:

POPA, C., Engineer.
OPREA, D., Engineer.

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0012381

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001238

USSR/Cultiv t d Plants. Fruits. Berries.

Abs Jour : Ref Zhur-Biol., No 15, 1956, 66371

Author : Oprea, D. D.
Inst :
Title : The Correct Utilization of Polarity in Viniculture by Applying a Special Vine Form.

Orig Pub : Grădina, vie si livezi, 1957, 6, No 1, 49-54

Abstract : Several variants of the special form of the It lian Mieslin, or grevin, were studied. The Transylvanian circle or horizontal form produced the highest yields. The shoots grew best if the runners were horizontally bound. When runners were twisted into a circular form, the nutritive substances found it more difficult to reach the buds beyond the twist. Therefore,

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"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001238

OPREA, E.

Contemporary technical progress and development of society. St si Teh Buc 14 no.10:35-37 O '62.

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0012381

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001238

RUMANIA

[illegible], [illegible], Dr, of CSA (Consiliul Superior al Agriculturii; Higher Council of Agriculture) and OPREA, Elena, Eng, of the Central Selection and Reproduction Station; Statiunea Centrala [illegible] Selectie).

"Control of Animal Production and the Livestock Registered in the State Genealogical Book."

[illegible], Revista de Zootehnie si Medicina Veterinara, Vol 16, [illegible], Sep 66, pp 45-76.

Abstract. Tabular summaries of the animals and animal productions recorded in the State Genealogical Register in 1964 and 1965. [illegible] the number of units reporting their stock, the [illegible] of the recorded animals in terms of breed and ownership, production figures and data on outstanding record producers of the various kinds of animals.
Includes [illegible] tables.

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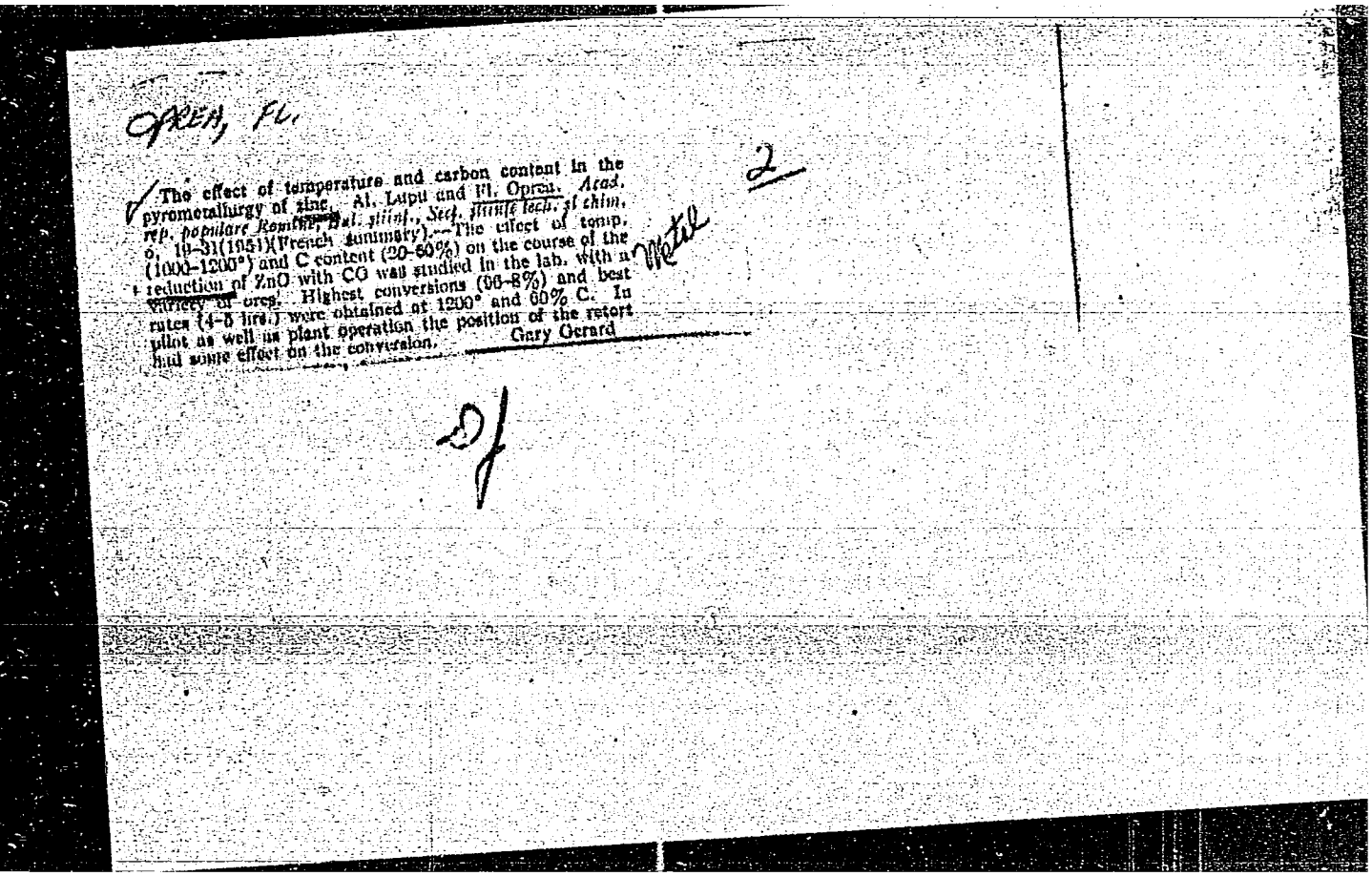

OPREA, FL.

The effect of temperature and carbon content in the pyrometallurgy of zinc. Al. Lupu and Fl. Oprea. *Acad. rep. populare Romîne, Bul. ştiinţ., Sect. ştiinţe tehn. şi chim.*, 6, 19–31(1951)(French summary).—The effect of temp. (1000–1200°) and C content (20–60%) on the course of the reduction of ZnO with CO was studied in the lab. with a purity of ore). Highest conversions (96–8%) and best rates (4–5 hrs.) were obtained at 1200° and 60% C. In pilot as well as plant operation the position of the retort had some effect on the conversion. Gary Gerard

2

Note

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"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001238

S/194/62/000/005/063/157
D295/D308

24.7700

AUTHORS: Oprea, Florea and Bălta, Petre

TITLE: Experimental investigation of some metal-oxide semiconductors

PERIODICAL: Referativnyy zhurnal. Avtomatika i radioelektronika, no. 5, 1962, abstract 5-4-6 sh (Bul., Inst. politehn., Bucureşti, v. 21, no. 4, 1959, 73-86)

TEXT: The authors investigated the influence of synthesis temperature, synthesis duration, cooling regime, various binding substances and compacting pressure on the value of specific resistivity, temperature coefficient and e.m.f. of copper-oxide semiconductors. The results obtained enable the dependence of properties on technological factors to be clarified. Several semi-conductors of the ternary system $NiO-CuO-Li_2O$ are also investigated. Data are obtained on the resistivity, thermoelectric motive force and degree of baking of these materials. Semiconductors, having suitable properties for the preparation of thermistors, are found as well as materials

Card 1/2

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OPREA, FLOREA

Distr: 4E2c(m)

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MJC(JD)
1

The kinetics of reducing nickel and cobalt oxides with hydrogen at low temperatures. Florea I. Oprea. *Acad. rep. populare Romine, Studii cercetări mat.* 5, 205–17(1900).—Three varieties of NiO (*1*) calcined at 700° from $NiCO_3.6H_2O$ contg. 98.5% NiO and having a specific surface of 0.79 sq. m./g., (*2*) calcined at 800° from $Ni(NO_3)_2.6H_2O$ contg. 99.9% NiO and a sp. surface of 0.80 sq. m./g., (*3*) calcined at 900° from the nitrate contg. 100% NiO and a sp. surface of 0.60 sq. m./g.] and one variety of CoO [calcined at 600° from $Co(NO_3)_2.6H_2O$] were reduced in a current of H_2 in the range 250–500°. The hypothesis according to which the combination between the reducing agent and the O occurs in the adsorption layer and not in the gaseous phase is strengthened by the increase of the rate of redn. with the development of the reaction surface and its subsequent decrease in proportion to the decrease of the resp. surface, the dependence of the rate on the dimensions and character of the surface of the oxides. The redn. of variety (*1*) starts at 130°, of (*2*) at 180°, and of (*3*) at 200°, the redn. being easier at lower calcination temps. The relation of the rates of redn. of the oxides to their dissocn. pressures was not linear. The liberation of the O from the crystal lattice of the solid phase was governed by different laws in the course of the dissocn. process and in the course of the redn. process. The high values of the redn. rates of the two oxides NiO and CoO corresponded to th. small values of the apparent activation energies as calcd. by the Arrhenius relation, on the basis of the collected kinetic data and varied between 15,500 cal./mole for CoO to 11,500 cal./mole for NiO. The fundamental principles of the catalytic adsorption theory have thus been confirmed exptl. in the case of H redn. of the Ni and Co oxides when the reduced metal is obtained in the solid state. An empirical relation between the degree of redn. y and the time t was developed on the basis of the exptl. data $y = 1/(1 - e^{(-t-A)/B})$, where the consts. A and B are detd. exptl. in each case. The exptl. curves of the reaction rates agreed well with the curves drawn from the empirical formula. The process is very complex and it is dependent not only on the adsorption and autocatalysis factors but also on the factors of diffusion and recrystn., as well as others, between which an interdependence exists which is tightly bound to the work conditions, i.e. the temp. value, the H flow, the sp. surface, and the mode of prepn. of the oxides. M. Ban Kilesar—

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"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001238

OPREA, Florea, doc. ing., kand. tehnickih nauka

Mechanism of the oxidation of iron sulfides and copper sulfides. Rud met zbor no.3:1 3-21 '6[illegible].

1. Fakultet metalurgie, Institutul Politehnic, Polizu, no.1, Bucuresti, R.P. Romuna.

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0012381

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001238

OPREA, F.

BALTA, P. ROMANIA

Bucharest, Studii si Cercetari de Metalurgie, No 4, 1962, pp 405-414.

"Semi-Conducting Properties of Sinterized Masses Belonging to the ZnO—TiO_2 System." (Paper given at the Sixth Science Meeting of Teaching Cadres of the Polytechnic Institute in Bucharest, October 1960.)

Co-author:

OPREA, F.

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0012381

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001238

OPREA, Florea, kand. tekhn. znanosti; JAGODIC, Pavel, asistent

Oxidation of zinc and lead sulfides. Rud met zbor 4: 345-357 '63.

1. Fakultet metalurgie, Institutul Politekhnic, Polizu 1, Bucuresti, R.P. Romuna (for Oprea). 2. Oddelek za montanistiko, Askerceva 20, Ljubljana (for Jagodic).

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0012381

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001238

OPREA, Gheorghe

Real support to the enterprises in fulfilling their obligations in the socialist competition. Munca sindic 7 no.4:9-11 Ap '63.

1. Presedinte al Consiliului local al sindicatelor, Timisoara.

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0012381

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001238

OPRFA, Gh., ing.

Development of the machine and agricultural equipment constructing industry. Mec. electrif agric + no. 4:10-12 '64.

1. Deputy Minister of the Machine Building Industry.

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0012381

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001238

OPREA, I.

Coating furnaces with fireproof materials of different kinds. p. 3.

CONSTRUCTORUL. (Ministerul Constructilor si Industriel Materialelor de Constructii si Uniunea Sindicatelor de Salariati din Intreprinderile de Constructii) Bucuresti. Vol. 7, no. 293, Aug. 1955.

So. East European Accessions List Vol. 5, No. 9 September, 1956

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0012381

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001238

COUNTRY : RUMANIA H
CATEGORY : Chemical Technology. Chemical Products and Their Applications. Food Industry.
ABS. JOUR. : RZhKhim., No 17, 1959, No. 60592

AUTHOR : Onrea, T.
INSTITUTE : -
TITLE : Exactitude of the Acidobutyrometric Gerber's Method

ORIG. PUB. : Lev. ind. aliment. prod. animale, 1958, No 7-8, 10-13

ABSTRACT : Analysis of the errors of the determination of fat content in milk in accordance with the Gerber's method, is given. Errors bear the direct ralation to graduation of butyrometers, exactness of milk volume measurement (11 ml) and reading of butyrometers. Briefly described P'yen's optical instrument that permits reading of the butyrometer scale with an accuracy equivalent to ± 0.1 gr. Presented are modifications of the method as employed in certain countries (modification of the pipette volume, changes in the graduation of butyrometers, and others). -- A. Marin.

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"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001238

ROMANIA

OPREA, I., Maj, Dr (affiliation not given)

"The Attitude of the Unit Physician Toward an Electro[illegible]-Person."

Bucharest, Revista Sanitara Militara, Vol 59, No 3, May-Jun 58, pp 565-572.

Abstract: Reviews the [illegible] of electroshock, the electric resistance of the human body, the lesions caused by the passage of electric current through the body, and the prophylaxy and treatment of accidental electroshock.

Includes 4 Rumanian references.

1/1

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0012381

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001238

OPREA, IOAN

V. Production and industrial use of plant proteins. IV. Proteocellulose fibers. Cristofor Simionescu, Elena Calistru, Vasile Diaconescu, Dorel Feldman, and Ioan Oprea. *Acad. rep. populare Romîne, Filiala Iaşi, Studii cercetări chim.* 3, 163-90(1952); cf. *C.A.* 49, 8538e.—From an alk. soln. of plant protein and viscose, proteocellulose fibers were prepd. They appear to result from very complicated reactions. Their quality depends on the conditions of ripening of the proteins and viscose. The optimum appears to be 24–48 hrs.; beyond this time the percentage of incorporated N is lower and the quality of the fiber inferior. N can be introduced by org. solvents, but this increases the cost of production. The dyeing properties of the fiber, comparable to those of wool, are due to (1) adsorption resulting from the polarity of the colloid, and (2) chem. reaction between the active groups of fibers and dye. The microscopic structures of the fibers are similar to those of animal fibers. The new fiber is 48% stronger than viscose fibers; the wet strength is higher than that of pure cellulose fiber. Treated with CH_2O the fibers maintain their elasticity, while their strength and elongation increase. *Cf. C.A.* 50, 14265c.

Emanuel Merdinger

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0012381

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001238

OPREA, I.; SIMIONESCU, [illegible]; CALISTRU, E.

"Consideration of the way to obtain and industrialize vegetable proteins; factors which affect the viscosity of proteide solutions". [illegible]
"Journal on science issued by the Iasi Branch, Rumanian Academy, with French and Russian summaries. Quarterly". (STUDII [illegible] ET [illegible] TIMICE., Vol. [illegible], no. 1 [illegible], Jan. June [illegible]. [illegible] I [illegible].)

SO: Monthly List of East European Accessions, (EEAL), LC, Vol. [illegible], No. [illegible], May 19[illegible], Uncl.

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0012381

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001238

POPPER, A., dr.; VASS, Al., dr.; OPREA, I., dr.

Fatal reaction after sulfobromophthalein administration. Med. intern. (Bucur.) [illegible] no.4:[illegible]-479 Ap '[illegible].

1. Lucrare efectuata in Spitalul nr. [illegible], Oradea, Sectia de b[illegible] interne.

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0012381

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001238

RUMANIA

MACAVEI, Gh., Dr, Lt-Col, MAXIM, B., Dr, Lt-Col, and OPREA, I., Dr, Lt-Col [affiliation not given]

"Considerations on Two Cases of Fiessinger-Leroy-Reiter Syndrome."

Bucharest, Revista Sanitara Militara, Vol 62, No 1, Jan-Feb 66, pp 83-92.

Abstract: The authors discuss in some detail two cases of Fiessinger-Leroy-Reiter syndrome, one in a 23-year old man and one in a 41-year old one, and speculate on the proper classification of the syndrome.

Includes 19 figures and 11 references, of which 3 are Rumanian, 5 French and 3 other Western. -- Manuscript submitted 20 November 1964.

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APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0012381

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001238

BUJOREAN, Gh.; GRIGORE, St.; OPREA, I.V.; MARUSCA, T.

Contributions to the teratological flora of Banat, Rumania. Studii agr Timisoara 9 no.3/4:395-400 J1-D '62.

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0012381

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001238

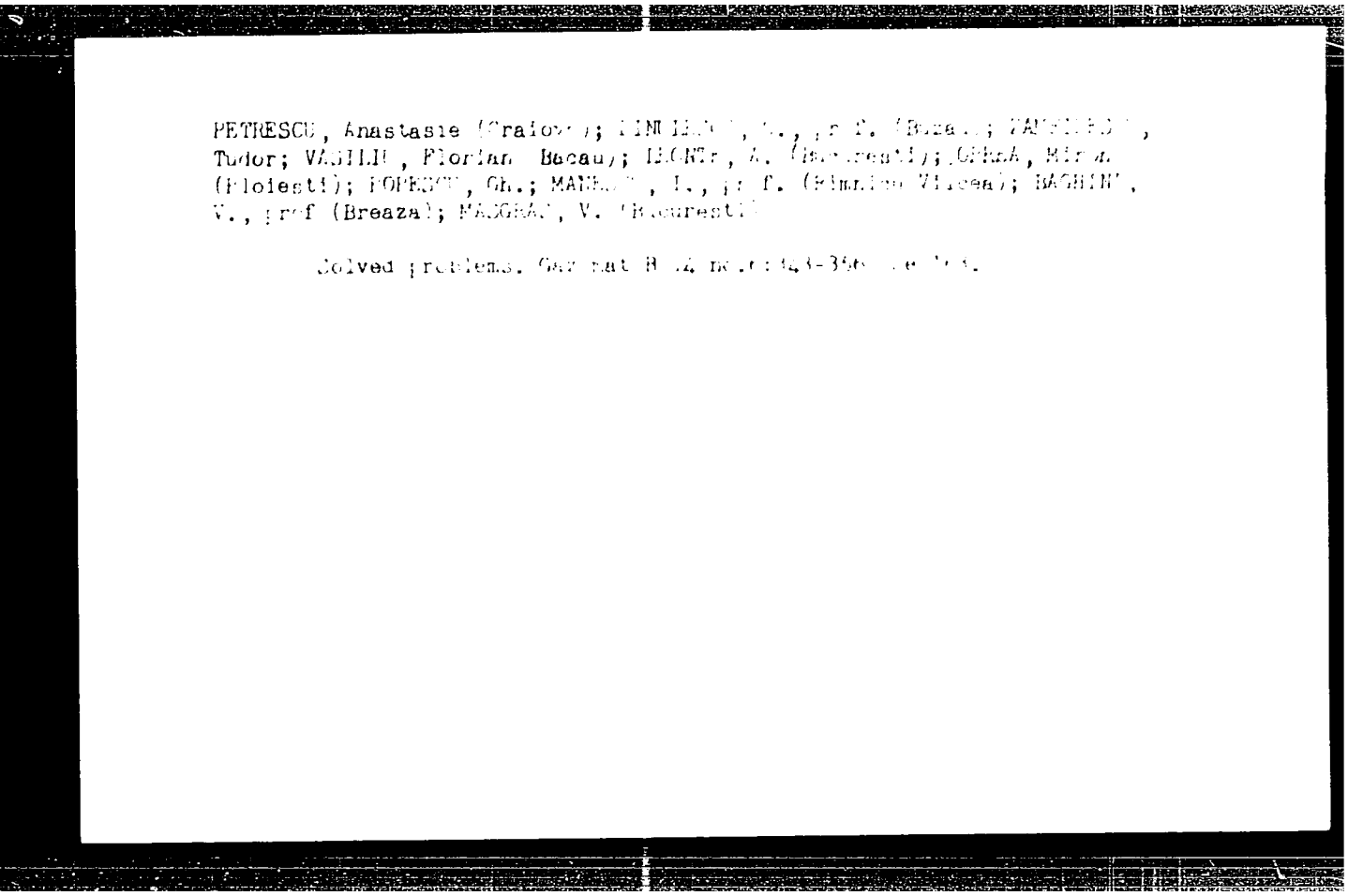
HUICA, I.; BICLESANU, V.; GRAHMALIUC, G.; GHIU, T.; OPREA, M.; POPA, S.

On the age of the broken stones at Schela-Bumbesti Jiu-Arseni (northwest of Getic Depression). Dari seama sed 49 pt. 2.:113-117 '61-'62 [publ. '64]. (MIRA 17:11)

1. Submitted March 10, 1962.

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0012381

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001238



PETRESCU, Anastasie (Craiova); [illegible], [illegible], prof. (Buzau); [illegible], Tudor; VASILIU, Florian (Bacau); [illegible], A. (Bucuresti); [illegible], Miron (Ploiesti); POPESCU, Gh.; MANE[illegible], I., prof. (Rimnicu Vilcea); BAGHINI, V., prof (Breaza); MASGRAS, V. (Bucuresti)

Solved problems. Gaz mat B 24 no.6:343-356 [illegible].

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0012381

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001238

VASILESCU, Const.; OPREA, Miron; POPESCU, Elena

From the branch activity of the Society of Mathematical and Physical Sciences, Ploiesti. Gaz mat fiz 15 no.11: 666-667 N '63.

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0012381

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001238

FLORIAN, Petru, prof. (Dej); MARUSTERU, St., (Baia Mare); HERLING, C., student; PIRSAN, L.C., student (Bucuresti); IONESCU-TIU, C.; COSTACHESCU, C.V.; LAMBA, Stelian (Constanta); LIVIU, Petre (Pucioasa); STRATESCU, Ion, student; BRINZANESCU, V., elev (Constanta); KLIM, Bratu, student (Bucuresti); TEMPEANU, C. (Hunedorara); CALINESCU, Aurelian (Brasov); MUNTEANU, Valentin (Cluj); OPREA, Miron (Ploiesti); MIHAILEANU, N.; TIGANOIU, Al., inginer; Buicliu, Gh.; POPA, Eugen I. (Iasi)

Proposed problems. Gaz mat B 14 no.8:481-485 Ag '63.

1. Institutul Politehnic Bucuresti (for Herling).

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0012381

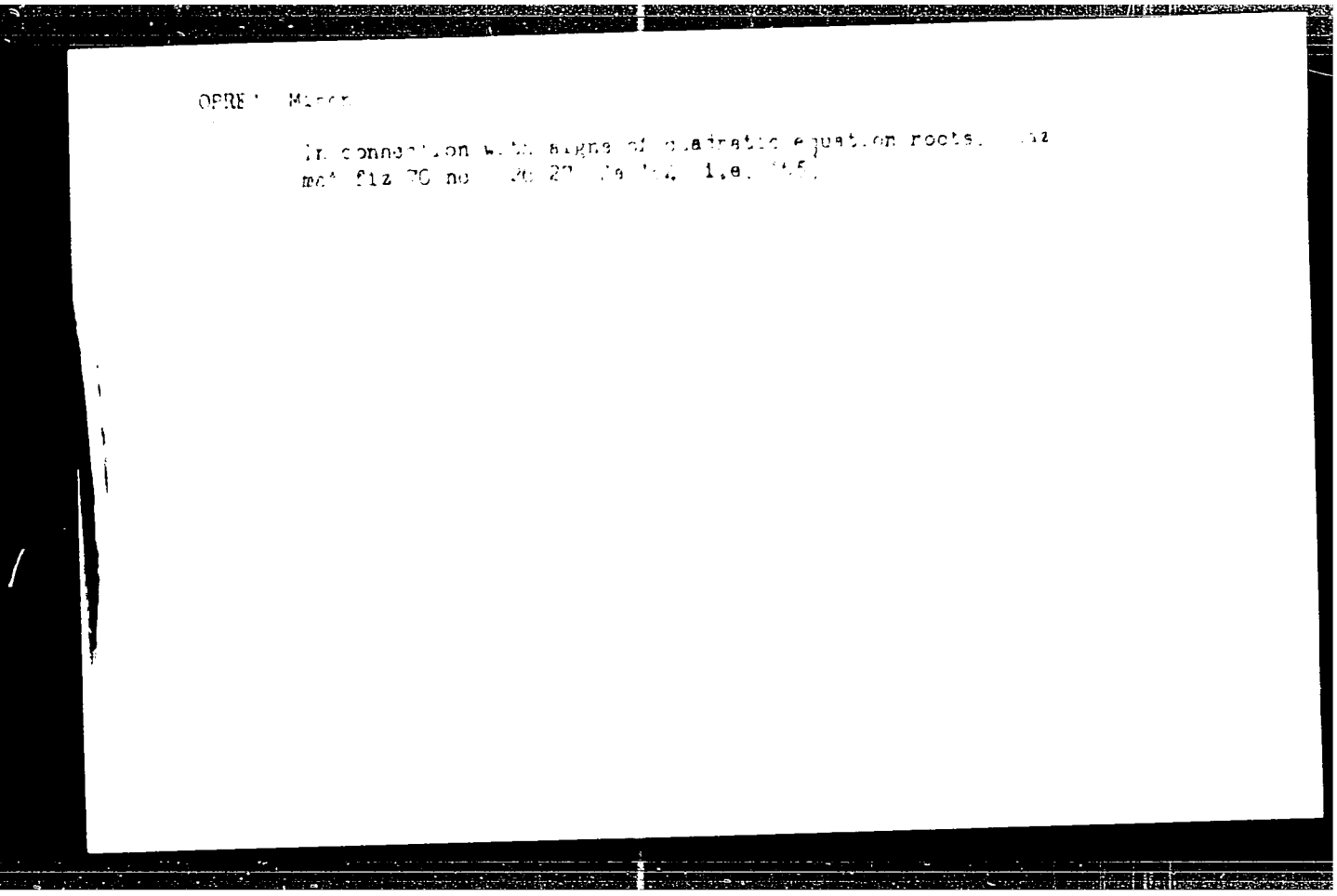
"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001238

IONESCU, Florica (Bucuresti); PISCATI, C. (Craiova); MATEI, Augustin I. (Cluj); MARCULESCU, Grigen (Craiova); STANESCU, Ilie (Sibiu); WESELY, Tiberiu (Tg. Mures); OPREA, Miron (Ploiesti); BAGHINA, V. (Breaza); IONESCU, Ilie (Pitesti); REINHEIMER, Emilia (Bucuresti); DUMITAS, Emilian (Bucuresti); SAVU, Constanta (Bucuresti); Branitchi, Teodor (Tg. Mures)

Examination questions Gaz mat P 15 no. 6:260-264 De '64.

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0012381

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001238

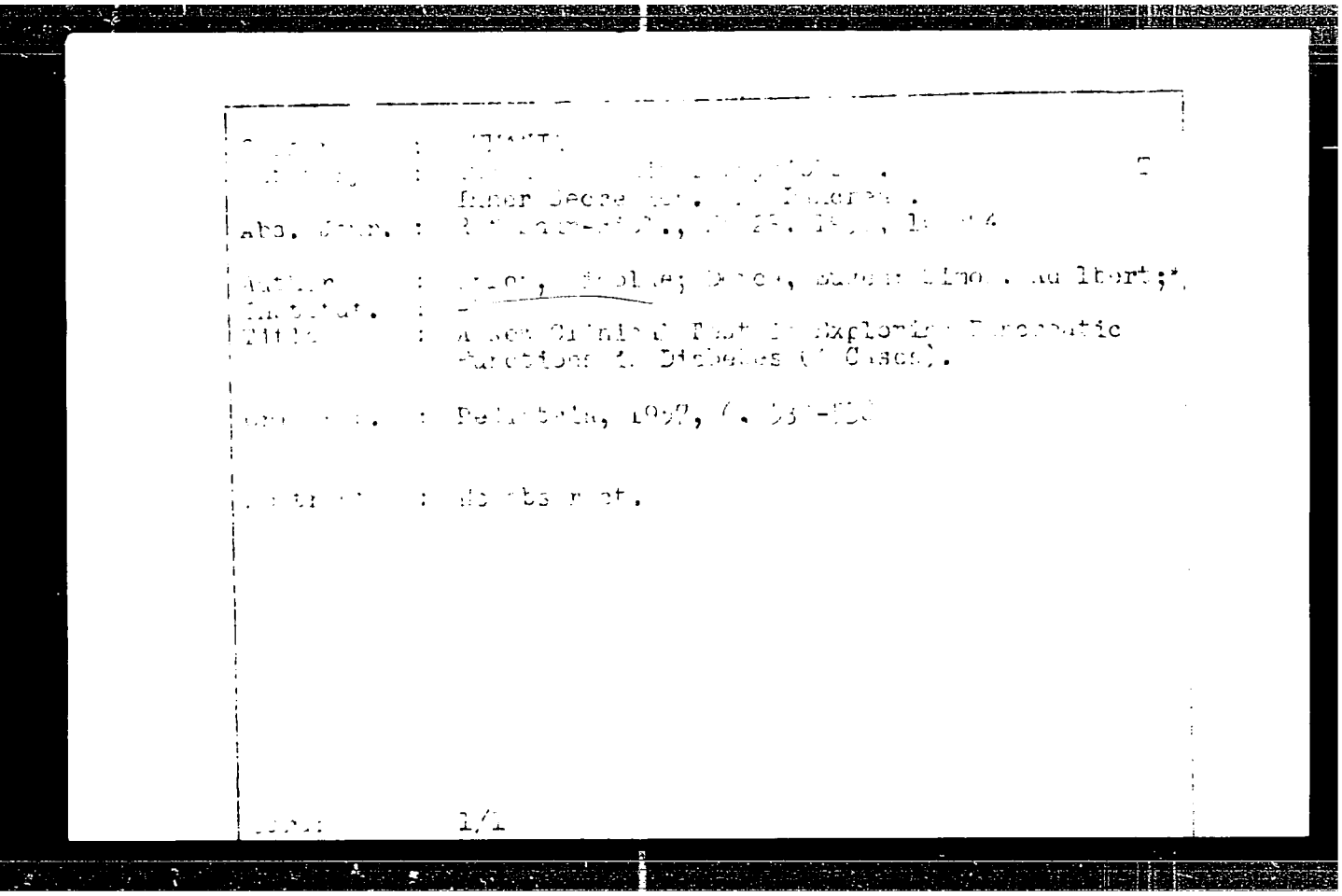


OPRE' Minor

In connection with signs of quadratic equation roots. Gaz
mat fiz 70 no 26 27 [illegible] i.e. [illegible].

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0012381

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001238



[illegible] : [illegible]

[illegible] : [illegible]

Inner Secre[illegible]

Abs. [illegible] : [illegible]

Author : [illegible]; [illegible]; [illegible]; [illegible]; [illegible]

Institut. : [illegible]

Title : A New Clinical Test in Exploring Pancreatic Functions in Diabetes ([illegible] Cases).

[illegible] : Pediatria, 1957, [illegible]

[illegible] : No abstract.

[illegible] 1/1

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0012381

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001238

SABATIN, I., ing.; [illegible], [illegible], ing.

Physical basis of the security [illegible] of electric equipment against explosion. Rev. [illegible] 15 no.11:552-56[illegible] N '6[illegible].

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0012381

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001238

L 41118-66 EWP(t)/E... EWP(k) JD

ACC NR: AP6030205 SOURCE CODE: RU/0017/65/000/007/0372/0373

32
6

AUTHOR: Oprea, O. (Doctor); Florian, I. (Engineer); Lapusan, A. (Physician); Giusca, R.

ORG: [Oprea; Florian; Lapusan] "Tractorul" Works, Brasov (Uzinele "Tractorul"); [Giusca] Geological Committee, Bucharest (Comitetul Geologic)

TITLE: Method of determining the dimensions of silicogenous powders

SOURCE: Metalurgia, no. 7, 1965, 372-373

TOPIC TAGS: metal casting, silicon

ABSTRACT: A description of the method used at the Tractorul Works to determine the dimensions of the silicogenous powder in the molding sand. The determination is based on the suction of a large volume of air and on suspension filtration by means of a device consisting of a series of crucibles with filtering plates. Orig. art. has: 2 figures. [Based on authors' Eng. abst.] [JPRS]

SUB CODE: 13 / SUBM DATE: none / ORIG REF: 002

Card 1/1 11b UDC: 621.742.47

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APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0012381

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001238

BUJOREAN, G.; ARVAT, A.,[deceased]; SERBANESCU, I.; POPESCU, P. C.;
GRIGORE, S.; OPREA, Reghina; PADUREANU, O.; ROMAN, N.

Lythrum tribracteatum Salzm., a new plant in the flora of Rumania.
(Contributions to the flora of People's Republic of Rumania).
Studii agr Timisoara 8 no.1/2:119-128 '61.

(Rumania—Lythraceae)

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0012381

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001238

BUJOREAN, G.; GRIGORE, S.; OPREA, Reghina

Variability of flowering time in some ligneous species of the city of Timisoara. (Phytophenological notes. II.) Studii agr Timisoara 8 no. 3/4:223-236 J1-D '61.

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0012381

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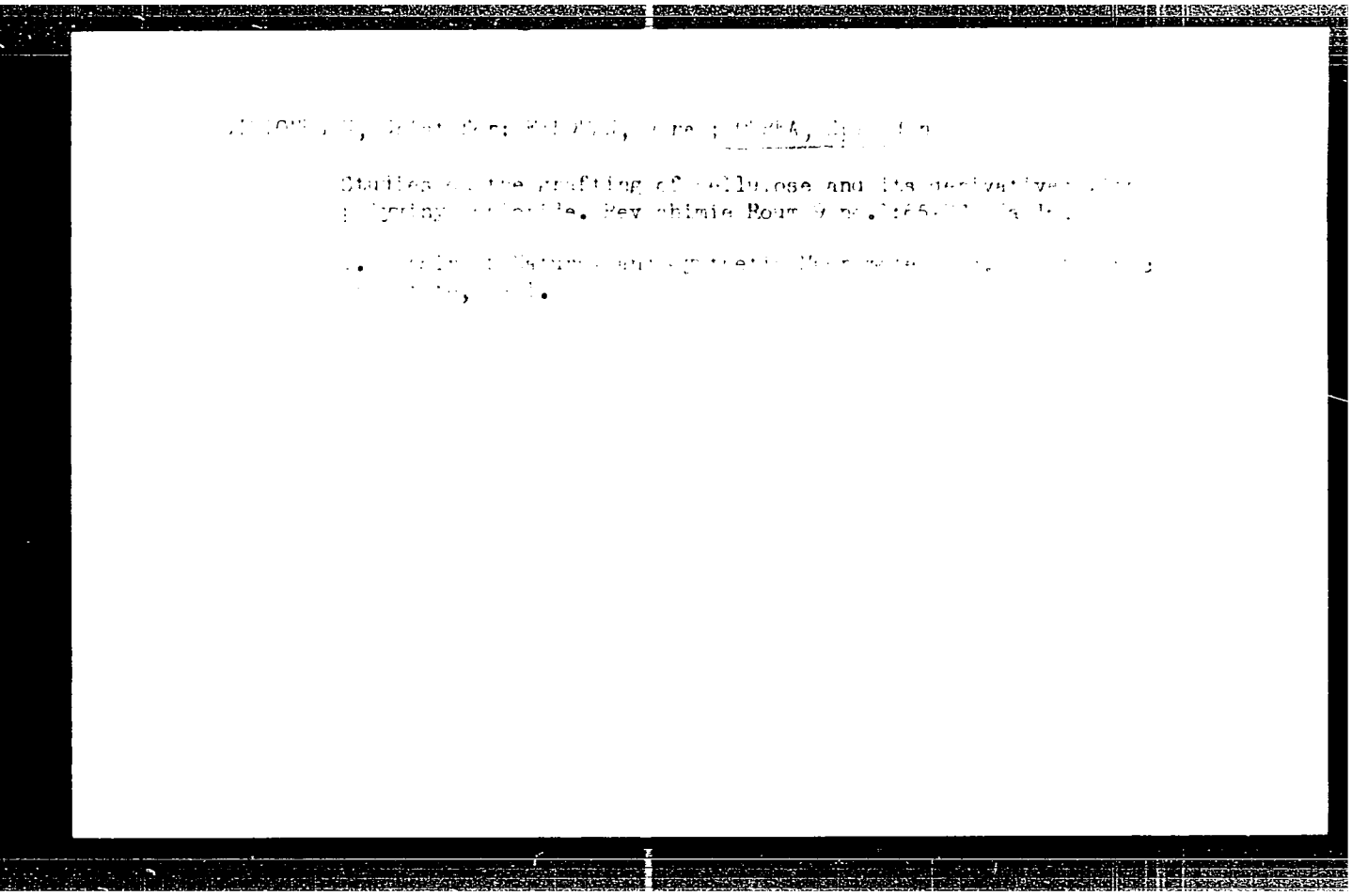

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SIMIONESCU, Cr.; FELDMAN, Dorel; OPREA, Spiridon

Research on grafting vinyl polychloride on cellulose and derivatives. Studii cerc chim 12 no. 1:61-70 Ja '64.

1. Department of Synthetic and Natural Macromolecules, Faculty of Industrial Chemistry, Iasi Polytechnic Institute.

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0012381

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001238

STAN, L.; OPREA, St.; ABRAMIUC, I.; MORCOV, I.; TUDOR, I., prof. (Bacau)

On the geography manual for the 9th class. Natura Geografie 15 no.2: 53-58 Mr-Ap '63.

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0012381

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001238

PALOCSAY, Rudolf (Cluj); OPREA, Stefan (Cluj)

"The pomology of Rumania." Vol.1. Reviewed by Rudolf Palocsay, Stefan Oprea. Natura Biologie 15 no.4:90-91 Jl-Ag '63.

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0012381

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001238

OPREA, Victor

I drove the 100,000 tractor. St si Teh Buc 14 no.12:5-6 D'62.

1. Seful sectiei montaj mecanic a Uzinelor de tractoare Brasov.

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"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001238

OPREA, Victor

I drove the 100,000th tractor. St si Teh Muc 14 14 no.12:5-6 D'62.

1. Head of the Section of Mechanical Assembly, Tractor Plant, Brasov.

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"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001238

Oprean, A.; Stefanita, E.

TECHNOLOGY

Periodical METALURGIA SI CONSTRUCTIA DE MASINI Vol. 10, No. 11, Nov. 1958

Oprean, A.; Stefanita, E.; Review of the "Pan-Union Industrial Exhibition" in Moscow. p. 977.
Development of the metallurgic industry and of machine construction in the Rumanian People's Republic. p. 1037.

Monthly List of East European Accessions (EEAI) LC; Vol. 8, No. 5 ~~May~~ 1959, Unclass.
March

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0012381

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001238

Oprean, A.

TECHNOLOGY

Periodical METALURGIA SI CONSTRUCTIA DE MAINI Vol. 10, No. 11, Nov. 1958

Oprean, A. Modern trends of Machine-tool automation. P. 982.

Monthly List of East European Accessio s (EEAI) LC; Vol. 8, No. 5, 3
~~May~~ 1959, Unclass.

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"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001238

R/002/60/000/012/001/003
A125/A026

AUTHOR: Oprean, A., Engineer

TITLE: Automation of Machine Tools by Program Control

PERIODICAL: Ştiinţă şi Tehnică, 1960, No. 12, pp. 16 - 17

TEXT: The author reviews various types of machine tools, currently used in machining operations. A great achievement in the development of machine control was accomplished with the copying servo-mechanisms. These guarantee a high production rate and great accuracy. Another system is based on digital control; it consists of mechanical, electric, electronic, photoelectric and hydraulic devices and can be divided into four stages: the programming, the controlling, the working and the checking devices. The programming is accomplished as follows: the X, Y, Z coordinates of the characteristic points of the blueprints, originally given as figures, are transformed onto a punched paper tape; this is then fed into a computer which determines a great number of points representing the tool trajectory. This trajectory is then recorded onto a magnetic tape. During machining, the impulses are recorded by three active channels and one checking channel. The value of the displacement is determined by the number of pulses and the operation speed by their

Card 1/2

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OPREAN, Aurel, inzh

Contributions to the study and construction of hydraulic change gears. Metalurgia constr mas 14 no.3 234 237 Mr 62.

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0012381

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001238

OPREAN, Aurel, ing.

Considerations on the calculation of the theoretical flow in tooth-wheeled pumps. Metalurgia constr mas 14 no.11:997-1004 N '62.

1. Editura Tehnica.

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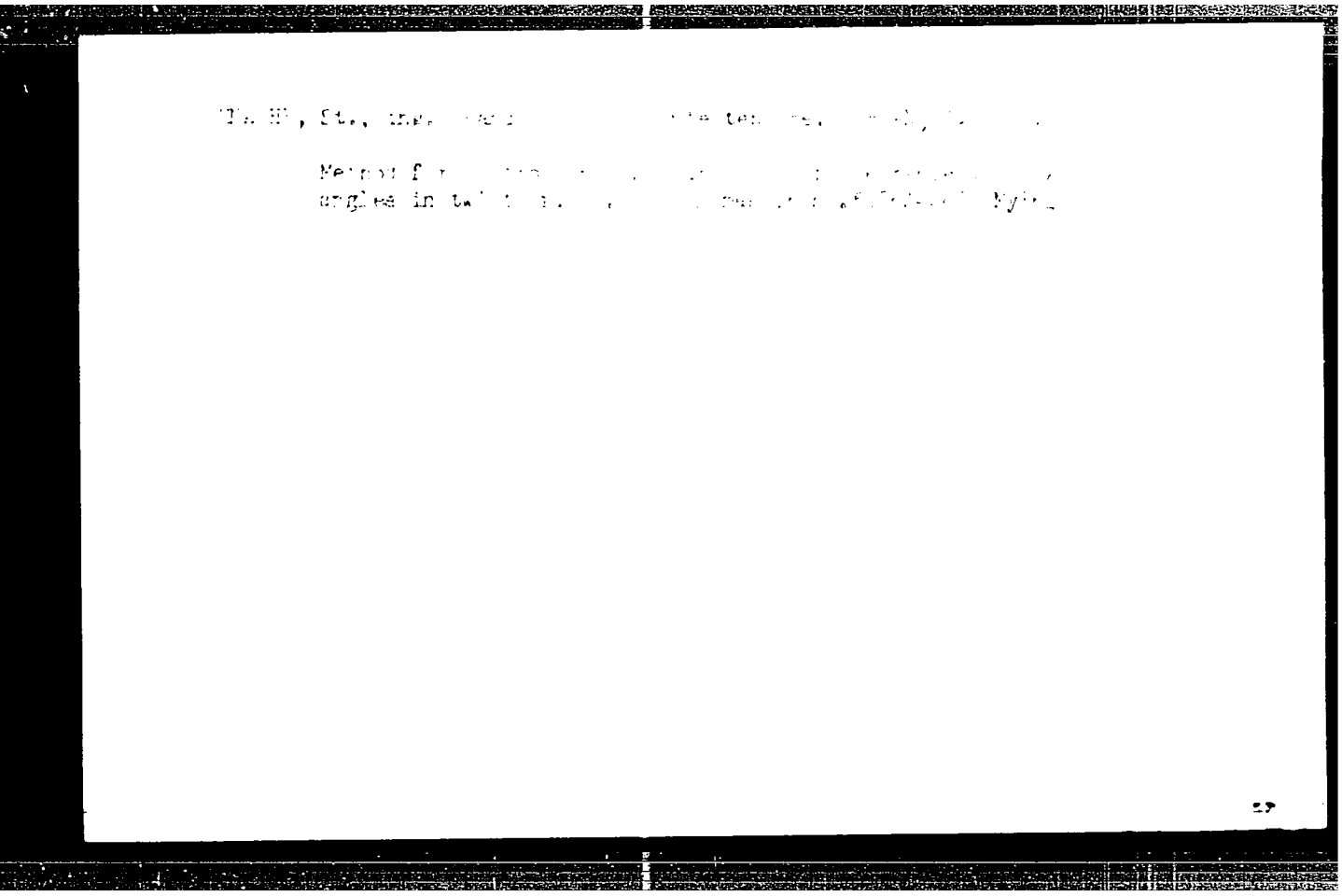

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L 64925-65 FBD/EWT(1)/EPA(s)-2/EPF(n)-2/T/ETC(m) WW

ACCESSION NR: AP5023666 RU/0018/54/000/012/0667/0671

AUTHOR: Oprean, Aurel; Stan, Nicolae; Minciu, Constantin 35 B

TITLE: Some considerations regarding the theoretical calculation of toothed gear pumps

SOURCE: Constructia de masini, no. 12, 1964, 667-671

TOPIC TAGS: transmission gear, mechanical engineering, pump, hydraulic engineering, hydraulic pump

ABSTRACT: An analysis of the pulsation of flow in toothed gear pumps with straight, slanted, corrected and noncorrected teeth. Both mathematical relationships and experimental results are discussed. Orig. Art. Incl.: 5 figures, 27 formulas, 1 graph and 1 table.

ASSOCIATION: none
SUBMITTED: 00 ENCL: 00 SUB CODE: IE

NR REF SOV: 003 OTHER: 002 JPRS

1/1 Card

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0012381

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001238

BODEA, C.; FARCASAN, V.; OPREAN, I.

New contribut ons to the knowledge of the halogen nitrophenothiazines.
Studii cerc chimie Cluj 14 no.1:173-180 '63.

1. Institute of Chemistry, Rumanian Academy, Cluj Branch.
2. Corresponding Member of the Rumanian Academy (for Bodea).

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0012381

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001238

BODEA, K. [Bodea, C.]; FARKASHAN, V.; OPREAN, I.

Action of nitric acid on polybromophenothiazines. Zhur. ob. khim. 34 no. 7:2369-2371 JI '64 (MIRA 17:8)

1. Institut khimii Kluzhskogo filiala Akademii nauk Rumynskoy Narodnoy Respubliki.

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"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001238

OPREAN, I., ing.; STEFANESCU, I., ing.

Designing and constructing capacity standards. Metrologia ar
12 no.3:109-111 Mr '65.

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"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001238

POP, Liviu, prof. univ.; OPREAN, Mircea, conf. univ.

The sand will be evaluated in Oltenia. St si Teh Buc 14 no.8: 10-11, 16 Ag '62.

1. "Tudor Vladimirescu" Agronomic Institute, Craiova.

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M

Country : Rumania
Category : CULTIVATED PLANTS. FRUITS. Berries.

Abs. Jour. : REF ZHUR-BIOL., 21, 1958, NO 96152

Author : Oprean, I.
Institut. : Craiova Sel. Res. Inst. of Agronomy
Title : Affinities in Grafting

Orig. Pub. : Anuarul lucrăr. ştiinţ. Inst. agron. Craiova, Bucureşti, 1957, 315-329

Abstract : The role of the affinity factor in graftings has been studied. It is noted that affinity is not a natural factor which dominates in the aging process of the grafts; this is maintained despite the fact that there is a low percentage of output from grape grafts of the first variety (35%) even with good affinity between graft and stock. In order to learn how the coalescence of the graft with the stock is possible in some case while impossible in others, it is necessary to study the activating,

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RUMANIA/Cultivated Plants. Fruit Trees. Small Fruit Plants. M

Abs Jour: Ref Zhur-Biol., No 17, 1958, 77801.

Author : Oprean, M.; Popescu, M.; Manolache, E.; Dobrescu, I.
Inst :
Title : Rational Utilization of Sands in Krayov Oblast by Means of Orchards and Vineyards.

Orig Pub: Gradina, via si livada, 1957, 6, No 4, 22-34.

Abstract: Sands of Krayov Oblast are used for vineyards (12000 ha) and orchards. With high-level agricultural engineering (4 plowings, application of fertilizers: N 50-80 kg, P 30-60 and 50-100 kg K per 1 ha, mechanized cultivation, area of nutrition: 1.2-1.5 m between rows and 0.8-1.1 m in row), 100-130 c/ha of grapes were obtained. Orchards occupy a small section - from 1 to 8-10 ha; the

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Country : RUMANIA
Category: Cultivated Plants. Fruits. Berries.

Abs Jour: RZhBiol., No 22, 1958, No 100429

Author : Popescu, M.; Oprean, M.; Manolache, C., Tuta, V.
Inst : -
Title : Behavior of Fruit Trees on Sands in the First Year After Planting.

Orig Pub: Gradina, via si livada, 1957, 6, No 8, 40-45

Abstract: From the experience of growing fruit trees on the sands in the south of Oltenia (Rumanian People's Republic), it follows that fruit trees planted in deep pits (depth of 1.2-1.5 meters), have the most vigorous growth and the smallest percentage of withering in the first year after

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Country : RUMANIA
Category: Cultivated Plants. Fruits. Berries.

M

Abs Jour: RZhBiol., No 22, 1958, No 100429

(currant, raspberry, gooseberry). There was a good growth of the branches on the stocks of mirabelle (137.1), almond (105.4), peach (90.8), ungrafted apricot, cherry. The stocks - dwarf apple, quince, paradise apple, pear - proved to be weak. On the sands, different varieties of fruit trees behaved differently. Some developed very well: Anna Shpet, Agen, Greengage (plum), Rozovyye shchechki (apricot), Elberta (peach), Belyy naliv (apple); others - middling well: Parmen zolotoy (apple), Paviot (apricot), a plum variety Vinete. The fruit trees of Gortenziya variety (cherry) withered.

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"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001238

COUNTRY : RUMANIA
CATEGORY : Cultivated Plants. Fruits. Berries. M

ABS. JOUR. : [illegible], No. 23 [illegible] 58, No. 104521

AUTHOR : [illegible], M., [illegible], [illegible], Popescu, M., Dobrescu, I., *)
INST. : Institute of Agronomy
TITLE : Behavior of Grape Vine on Sands in the First Year of Planting.

ORIG. PUB. : Grading, via [illegible], 1957, 6, No. 9, 23-28

ABSTRACT : [illegible] the institute of Agronomy in the region of Craiova [illegible] grapevines on [illegible] (3 meters in depth), [illegible], the growth of the root [illegible] depth, relief of the locality, [illegible], method of planting and the direction of the rows. The greatest growth of the roots (length [illegible]) was [illegible] planting into trenches [illegible] the top of the dune, [illegible] weakest growth ([illegible].5 cm) - in the middle of the dune. This [illegible] by

*) [illegible], Ir., [illegible]

CARD: 1/[illegible]

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"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001238

COUNTRY :
CATEGORY :

ABS. JOUR. : RZhBiol., No. 1958, No. [illegible]

AUTHOR :
INST. :
TITLE :

ORIG. PUB. :

ABSTRACT : [illegible] the middle [illegible] the [illegible] it is [illegible] recommended [illegible] of the [illegible] at the top of [illegible] [illegible] climate, [illegible] [illegible] not be [illegible] but not less than [illegible] in order that the [illegible] not suffer from frosts. [illegible] of the [illegible], planting should be done to [illegible] depth. In the region of Craiova, in places

CARD: 2/3

13[illegible]

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OPREANU, Elena, lector (Bucuresti)

Concerning the mathematics teaching modernization in the secondary schools. Gaz mat fiz 14 no.6:314-318 Je '62.

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