

Academy of Sciences (Cont.)

SOV/5570

- c) Bratiychuk, M.V. [Chief of Optical Observation Station].
Uzhgorod State University 20
 - d) Nevel'skiy, A.V. [Junior Scientific Member of the Astronomical
Council]. Astronomical Observatory of Ural State University,
Sverdlovsk 21
 - e) Kakhkhorov, A., and F.P. Zav'yalov. [Artificial Satellite
Photographic Observation Station No. 068]. Institute of
Astrophysics of the Academy of Sciences of the Tadzhik Soviet
Socialist Republic, Stalinabad 22
- Vol'yanskiy, B.A. [Chief of the Yaroslavl' Artificial Satellite
Observation Station]. Yaroslavl' Pedagogic Institute. Chronicle 22

AVAILABLE: Library of Congress

Card 4/4

AC/dvm/mas
10/3/61

GIMMEL'FARB, B.N.; CHIRTSOV, A.D.

Switching-type circuits for time recording during visual observations of artificial earth satellites. Biul.sta.opt.nabl.isk. sput.Zem. no.1:1-3 '60. (MIRA 13:5)

1. Arkhangel'skaya stantsiya nablyudeniya iskusstvennykh sputnikov Zemli.

(Artificial satellites--Tracking) (Time measurements)

GHIRTSOV, A.D.; KOPOSOV, G.D. (Arkhangel'sk)

Photograping interrupter satellite track with the miniature
"Leningrad" camera. Mul.sta.pot.nabl.isk.sput.Zem. no.28:7-9
'62. (MIRA 15:12)

1. Arkhangel'skaya stantsiya nablyudeniya iskusstvennykh sputnikov
Zemli.

(Artificial satellites—Tracking)

14(3)

SOV/176-58-7-6/17

AUTHOR: Chirtsov, M., Lieutenant Colonel

TITLE: One of the Ways of Reducing Time Needed to Build an Equipment Position (Odn iz putey sokrashcheniya srokov inzhenernogo oborudovaniya pozitsiy)

PERIODICAL: Voenno-inzhenernyy zhurnal, 1958, Nr 7, pp 17-19 (USSR)

ABSTRACT: The author states that mechanization is the answer to the problem and recommends excavating by a combined method of explosives (2 kg of T.N.T. for 2-m-wide excavation) and bulldozers. This reduces the work (calculated in hours) several times as against the work done by hand. Nevertheless training for manual excavation is necessary because manual methods are used when working on small constructions, or when close to the enemy.

Card 1/1

ANSEHOV, M.; CHIRTSOV, N.

Replacing bridges by tubes. *kvt.dor.* 2E no.10:22 0 '65.
(MIRA 18:11)

ACC NR: AP6035726

(A)

SOURCE CODE: UR/0413/66/000/019/0086/0086-27

INVENTOR: Kasimov, R. G.; Kirichenko, I. D.; Livshits, S. Ya.; Mezheritskiy, A. M.;
Pomichev, A. V.; Chirtsov, V. I.; Yudin, B. M.

ORG: none

TITLE: Method of extracting mercury from tailings. Class 40, No. 186706

SOURCE: Izobreteniya, promyshlennyye obraztsy, tovarnyye znaki, no. 19, 1966, 86

TOPIC TAGS: mercury, mining engineering, metal extracting, *electrolysis*

ABSTRACT: To raise the yield and sanitary work conditions for mercury extraction by nitric acid and electrolysis, the electrolysis is carried out in a solution containing 230—260 gram/liter of mercury and 20—40 gram/liter of nitric acid and using a nonsoluble anode and a mercuric cathode; the anode and cathode current densities are 300—450 and 450—600 amp/m², respectively. [WA-96]

SUB CODE: 08,11,16/SUBM DATE: 30Dec64/

Card 1/1

UDC: 669.791.3:541.135.21

SOKOLOV, N.M.; NAKHAPETYAN, L.A.; FOMICHEV, A.V.; LIVSHITS, S.Ya.;
CHIRTSOV, V.I.; KASIMOV, R.G.; LUKINA, M.Yu.; ZHAVORONKOV, N.M.

Experimental industrial production of pharmaceutical cyclopropane.
Khim. prom. 42 no.9:662-663 S '65. (MIRA 18:9)

SPART, M.; CHIRU, Constantin, ing., correspondent; CUCU, Nicolae, correspondent;
BAIFA, Aurel, ing., correspondent

Under winter conditions. Constr Buc 16:3 19 P '64.

CHIRU, Constantin, ing.

High efficiency of advanced technology. Constr Buc 16 no.754:3
20 J '64.

1. Head of Technical Office, I.S.C.M., Braila.

CHIRU, Gh.

SURNAME, Given Names

Country: Rumania

Academic Degrees:

Affiliation: *)

Source: Bucharest, Igiena, Vol IX, No 4, Sep-Oct 1961, pp 339-344.

Data: " Studies on the Incidence of Pathogenic Staphylococcus and Colibacillus As Health Indicators in Hospital Units."

Authors:

TUNARU, C., -Dr.-

CHIRU, Gh., -Dr.-

MARCU, R., -Dr.-

CIJU, A., -Dr.-

DELEANU, L., -Dr.-

CORNATEANU, I., -Dr.-

MUSAT, S., -Dr.-

*) Work performed at the Regional Sanepid. (Sanepidul Regional), Dobrogea.

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CHIRU, V.

Some results of mechanized afforestation work in Dobruja. p. 613.

REVISTA PADURILOR. (Asociatia Stiintifica a Inginerilor si Technicienilor din
Romania si al Ministerului Agriculturii si Silviculturii) Bucuresti. Vol. 70,
no. 12, Dec. 1955.

So. East European Accessions List Vol. 5, No. 8 August, 1956

CHIRU, V.; KERTESZ, E.

"Effects of Winter on Young Shelter Belts in the Dobruja Steppe." P. 259.
(ANALELE ROMANO-SOVIETICE, Vol. 69, No. 6, June, 1954, Bucuresti, Rumania.)

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

CHIRULESCU, C.

Some problems of mechanization in the ceramics industry. p. 2

CONSTRUCTORUL, Bucuresti, Vol 8, No. 318, Feb. 1956

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

CHIRULESCU, M., ing.; PLOSTINARU, D.; LARGU, Gh., correspondent; CALIS,
Reghina, corespondenta; BARBALATA, St.

News. Constr Buc 16 no.775:1 14 N '64.

1. Head of Construction Site No.601, Tirgu Jiu (for Chirulescu).
2. Galati Branch of the Voluntary Editorial Office of
"Constructorul" (for Barbalata).

CHAUSHOV, D.; CHIRUPKOV, T.

Personal experiences in the treatment of fissura ani. *Khirurgiia*, Sofia
10 no.4:344-348 1957.

1. Obshchonar-meiska bolnitsa - Sofia.
(ANUS, dis.
fissure, management (Bul))

TEPLITSKIY, M.G., kand.tekhn.nauk; CHIRVA, A.K., inzh.

Redesigning of 4000-4-1 type blast-furnace gas accumulators.
Prom.energ. 18 no.2:31-36 F '63. (MIRA 16:2)
(Blast furnaces)

CHIRVA, Fedor; KOSTIN, V., red.; DANILINA, A., tekhn.red.

[Land of golden fruit] Zemlia zolotykh plodov. Moskva, Gos.
izd-vo polit.lit-ry, 1959. 60 p. (MIRA 13:12)
(Golodnaya Steppe--Economic conditions)

VAGEROV, V.S.; FARTUKOV, M.M.; CHIRVA, G.I.; SHCHAVELEVA, A.P.

Upper Cretaceous sediments of the Bakhardoksk keyhole. Izv.
AN Turk.SSR.Ser.fiz.-tekhn., khim. i geol.nauk no.5:49-54
'65. (MIRA 18:11)

1. Tsentral'naya kompleksnaya tematicheskaya ekspeditsiya
GPGK Turkmenskoy SSR.

~~CHIRVA, N.~~

High-productivity potentialities in the operation of excavators.
Mast.ugl. 5 no.11:11-12 N '56. (MIRA 10:1)

1. Starshiy machinist ekskavatora Semenovskogo razreza kombinata
Ukrburugol'.

(Coal mining machinery)

CHIRVA, P.S., bul'dozerist.

~~XXXXXXXXXXXXXXXXXXXX~~
Using teeth on the blade of a D-157 bulldozer. Mekh.stroi. 10 no.11:29
N '53.

(MLRA 6:11)
(Bulldozers)

CHIRVA, Petr Semenovich, bul'dozerist; PANKOVA, V.M., redaktor; KIRSANOVA,
M.A., tekhnicheskii redaktor.

[All-purpose bulldozer] Bul'dozer - universal'naiia mashina. Moskva.
Izd-vo VTsSPS Profizdat, 1955. 39 p. (MLRA 9:4)

1. Perepadnaya gidro-elektricheskaya stantsiya, Tadzhikskoy SSR.
(for Chirva).

(Bulldozers)

CHIRVA, S.A.

Tertiary sediments in the southwestern Taz Peninsula. Trudy VNIGRI
no.158:23-32 '60. (MIRA 14:3)
(Taz Peninsula--Geology, Stratigraphic)

CHIRVA, S.A.

Paleogene sediments in the southern part of the Taz Peninsula.
Trudy VNIGRI no.220. Geol. sbor. no.8:70-79 '63.
(MIRA 17:3)

GALEKINA, S.G.; CHIRVA, S.A.

Find of macrofauna in the Lyulin-Vor horizon of northwestern
Siberia. Trudy VNIGRI no.225:91-92 '63. (MIRA 17:3)

GHIRVA, S.A.

Kaolinized sediments in the north of Western Siberia. Trudy VNIGRI
no.225:93-96 '63. (MIRA 17:3)

GALERKINA, S.G.; VERENINOVA, T.A.; CHIRVA, S.A.; KROKHIN, I.P.; REYNIN, I.V.;
LAZUKOV, G.I.

Results of studying facies and the Mesozoic and Cenozoic paleogeography for forecasting oil- and gas-bearing formations in north-western Siberia. Trudy VNIGRI no.225:121-166 '63. (MIRA 17:3)

LOSIYEVSKIY, K.D., kand.tekhn.nauk; CHIRVA, V.I., inzh.

Evaporator for concentrated solutions of sodium hydroxide. Khim.
mash. no.4:10-12 J1-Ag '61. (MIRA 14:8)
(Evaporating appliances) (Sodium hydroxide)

L 11021-65 EWP(m)/EWP(t)/EWP(b) DIAAP/IJP(c)/ASD(a)-E/APWL/ANPC
ASD(a)-E/APWL/ANPC
ASD(a)-E/APWL/ANPC
ASD(a)-E/APWL/ANPC

AUTHOR: Starodubtsev, S. V., Ablyayev, Sh. A., Chirva, V. I.

TITLE: Investigation of the gamma adsorption effect on silica gel by the electron paramagnetic resonance method

SOURCE: ANU SSSR Institut yadernoy fiziki. Radiatsionnyye effekty v fizicheskoy khimii i biologii. Effekty v kondensirovannyykh sredakh. [Abstracts] 1964, 1:1-12

TOPIC TAGS: silica gel, EPR method, radiation defect, saturation of electron paramagnetic resonance, silica gel irradiation, electron paramagnetic resonance, gas adsorption

ABSTRACT: The gamma adsorption capacity of silica gels enhanced by electron paramagnetic resonance (EPR) is investigated. The results show that the adsorption capacity is increased by a factor of 1.5-2.0.

An explanation of the observed effects is presented. The electron paramagnetic resonance method was applied to **KSM-6 silica gel with the following parameters: SiO₂ 99.1% Al₂O₃+ Fe₂O₃ 1.9%; CaO traces, 0-0.53%**, specific surface area according to the low temperature

L 11021-65

ACCESSION NR: AT4046907

adsorption of nitrogen vapor-700 m²/g. maximum pore diameter 10⁴ Å. The
method of measurement was avoided, however, it was heat treated

at different temperatures and times

of the material on Laminolite was

the material was formed on Laminolite

the material was formed on Laminolite

the material was formed on Laminolite

L 11021-65

ACCESSION NR: AT4046907

... occurring simultaneously with the disappearance ...
... 3 figures

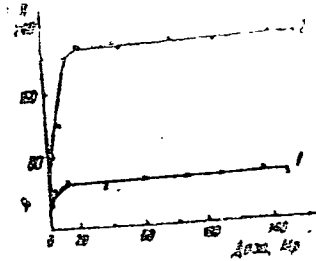
... (Nuclear ...)

... ENCL. 01

... OTHER. 001

Card 3/4

ACCESSION NR AT4046907



... between the number of paramagnetic defects ...
... pressure of 10⁵ ...
... 10⁵ ...

Card 1/4

KHORLIN, A.Ya.; CHIRVA, V.Ya.; KOCHETKOV, N.K.

Triterpenic saponins. Report No.15: Clematoside C, a triterpenic oligoside from roots of Clematis manshurica Rupr. Izv. AN SSSR, Ser. khim. no.5:811-818 '65. (MIRA 18:5)

1. Institut khimii prirodnikh soyedineniy AN SSSR.

Chirva, Ye. P

DECEASED

Mineralogy

see ILC

CHIRVINA, Ye. D.

1. FURSOV, N. I., DOCENT, CHIRVINA, Ye. D.

2. USSR (600)

4. Blood - Transfusion

7. Rectal administration of hemolyzed blood. Klin. med. 30, 1952.

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

USSR/General Biology. Individual Development. Grafting
and Adhesions.

B

Abs Jour: Ref Zhur-Biol., No 17, 1958, 76298.

Author : Chirvina, Ye. D.

TITLE ~~not~~ : On the Plastic Surgery of Long Non-Healing Wounds
and Trophic Ulcers With Danked Skin.

Orig Pub: Vestn. khirurgiya, 1956, 77, No 4, 71-76.

Abstract: Autoplastic grafts of skin conserved 1-3 days
(often 8-21 days) at a temperature of 5-6°
was carried out on 48 patients with long non-
healing wounds and trophic ulcers. Histochemi-
cally, it was established that there are dege-
nerative changes in the preserved pieces; how-
ever, these fragments are viable up to 30 days
and can be used for grafting. Good healing of

Card : 1/2

Inst. — Iz PROPEDEUTICHESKOY KHIRURGICHESKOY KLINIKI, ROSTOVSKOGO
MEDITSINSKOGO INSTITUTA, ROSTOV-NA-DONU.

CHIRVINA, Ye.D., kand.med.nauk (Rostov-na-Donu, Bratskiy per., d.47, kv.2)
FRUKHOV, V.P., kand.med.nauk.

Changes in the circulating blood level and its fractions in burn disease [with summary in English]. Vest.khir. 80 no.6:69-73 Je '58
(MIRA 11;7)

1. Iz propadevticheskoy khirurgicheskoy kliniki (zav. prof. G.S. Ivakhnenko [deceased]) Rostovskogo-na-Donu meditsinskogo instituta.

(BLOOD VOLUME, determ.

in exper. burns in animals with radiophosphorus (Rus))
(BURNS, exper.

eff. on circulating blood volume in animals, radiophosphorus
(Rus))

(PHOSPHORUS, radioactive

determ. of circulating blood volume in exper. burns
in animals (Rus))

CHIRVINA, Ye.D.

Acute volvulus of the stomach; abstract. Khirurgia 34 no.12:99 D '58.

(MIRA 12:1)

1. Iz propedevicheskoy khirurgicheskoy kliniki (zav. - prof. G.S. Ivakhnenko) Rostovskogo gosudarstvennogo meditsinskogo instituta.

(STOMACH--DISEASES)

The EXCERPTA MEDICA Sec 9/Vol 13/5 SURGERY May 59

e.
X, 5)

2315. (742) CHANGES IN VOLUME OF THE CIRCULATING BLOOD AND ITS FRACTIONS IN BURNS (Russian text) - Chirvina E. D. and Truhov V. P. - VESTN. KHIR. 1958, 80/6 (69-73) Gramms 5

Applying radioactive phosphorus, P³², the authors could demonstrate that in experimental burns the decrease of circulating blood volume as also the volumes of circulating blood plasma and erythrocytes begins at the moment of ignition and continues for 2 hr., the maximal reduction being noted during the first post-burn minutes. The greater the burn trauma, the faster the decrease of circulating blood plasma and erythrocytes volume. The decrease of plasma volume was more

2315

marked than that of circulating erythrocytes, resulting in increased blood concentration. There was a return to a normal concentration at the end of the 2nd day, this condition being followed by blood dilution owing to an increase of circulating blood and plasma volume. In animals treated with plasma transfusion the volume of circulating blood and plasma returns not only to the normal level but by the 4th hr. becomes notably increased and there is but a slight decrease before the death of the animal. When using whole preserved blood, the same data are seen, only the volume of circulating blood and plasma does not reach such high levels; on the other hand, the erythrocyte volume shows an increase comparable to the former figures. Physiologic saline infusion results in a slower response and the return to the normal value is reached by the 6th hr.

CHIRVINA, Ye. B., kand.med.nauk; FEDOROV, N.I.

Thermal burns of the respiratory tract. Vest.khir. no.6:48-50
'62. (MIRA 15:11)

1. Iz kliniki obshchey khirurgii (zav. - prof. P.P. Kovalenko)
Rostovskogo-na-Donu meditsinskogo instituta.
(RESPIRATORY ORGANS—WOUNDS AND INJURIES)
(BURNS AND SCALDS)

CHIRVINSKAYA, M. V., LAPKIN, I. Yu., and CHERPAK, S. Ye.

"Tectonic Schema of the Eastern Part of the Ukrainian SSR," Byul. MOIP
, Otdel. Geol., 27, No.2, 1952

CHIRVINSKAYA, M.V.

Characteristic correlations between the stratigraphic complexes of sedimentary strata of the Dnieper-Donets depression. Dokl. AN SSSR 94 no.5:937-940 P '54. (MLRA 7:2)

1. Ukrainskiy razvedochnyy geofizicheskiy trest Ukrneftegeofizika. Predstavleno akademikom D.V.Nalivkinym.
(Donets Basin--Geology, Stratigraphic)
(Geology, Stratigraphic--Donets Basin)

15-1957-10-13790

Translation from: Referativnyy zhurnal, Geologiya, 1957, Nr 10,
pp 57-58 (USSR)

AUTHOR: Chirvinskaya, M. V.

TITLE: The Nature of the Folding and Faulting in the Sedimentary Rocks of the Dnepr-Donets Basin According to Geophysical Data (Kharakteristika skladchatykh i razryvnykh dislokatsiy osadochnoy tolshchi Dneprovsko-Donetskoy vpadiny po dannym geofiziki)

PERIODICAL: Tr. In-ta geol. nauk. AN UkSSR, ser. geofiz., 1956,
Nr 1, pp 21-35

ABSTRACT: The following types of folded structures have been differentiated in the Dnepr-Donets basin on the basis of geophysical data and deep borings: 1) structures disturbed by salt intrusions--anticlines about the bordering zone, anticlines of the transitional zone, anticlines of the central graben, and salt dome structures; 2) structures not disturbed by salt-structures of marginal anticlines (Mikhaylovske -Golubovskiy ridge), structures

Card 1/3

15-1957-10-13790

The Nature of the Folding and Faulting in the Sedimentary Rocks of the Dnepr-Donets Basin According to Geophysical Data

of the surface rocks, and anticlines of the central part of the basin and transitional zones; 3) structures with complications not clearly related to salt-recumbent uplifts and flexures. These types are differentiated by the size of the fold, by the degree of asymmetry and steepness of the limbs, by the width of the axial area, and by the relative spatial position. The features they have in common are the northwesterly trend, the numerous erosion surfaces in the areas of the crests, the lack of correspondence of structural pattern in different stratigraphic groups, and the faults. The conditions of development of the folds have not been adequately explained. It has been established merely that the folding was discontinuous, the later structural pattern was inherited from the earlier pattern, and the general pattern has been disturbed by irregular movements of salt, especially noticeable in zones of intersecting fractures. Regional fractures and fractures associated genetically with salt tectonics have been differentiated. It is noted that the

Card 2/3

15-1957-10-13790

The Nature of the Folding and Faulting in the Sedimentary Rocks of
the Dnepr-Donets Basin According to Geophysical Data

regions of most intense movements have been confined to the cen-
tral graben and, in part, to the border zone of the Dnepr-Donets
basin.

Card 3/3

A. V. Luk'yanov

ANDREYEVA, R.I.; CHIRVINSKAYA, M.V.

Hypsometry of the foundation of the Dnieper-Donets Lowland. Geol.
nefti 2 no.6:55-61 Ja '58. (MIRA 11:6)

1. Trest Ukrneftegeofizika.
(Dnieper Lowland--Altitudes--Measurement)
(Donets Basin--Altitudes--Measurement)

CHIRVINSKAYA, M.V.

Basic tectonic characteristics of the Dnieper-Donets Lowland,
based on geophysical data. Geol. sbor. [Lvov] no.5/6:135-147
'58. (MIRA 12:10)

1. Trast "Ukrneftegefizika," Kiyev.
(Dnieper Lowland--Geology, Structural)
(Donets Basin--Geology, Structural)

CHIRVINSKAYA, M.V.; GUREVICH, B.L.

Tectonics of the Black Sea region. Sov.geol. 2 no.4:83-92
Ap '59. (MIRA 12:7)

1. Trest "Ukrneftegeofizika."
(Black Sea region--Geology, Structural)

ANDREYEVA, R.I.; BIRBRAYER, I.Sh.; GAVRISH, V.K.; CHIRVINSKAYA, M.V.

Efficient combined geological-geophysical method for areal prospecting used in the Dnieper-Donets Lowland. Geol.nafti i gazu 3 no.11:24-28 N '59. (MIRA 13:3)

1. Treat Ukrneftegeofizika.

(Dnieper Lowland--Prospecting--Geophysical methods)
(Donets Basin--Prospecting geophysical methods)

VASIL'YEV, V.G.; GRACHEV, G.I.; NEVOLIN, N.V.; OZERSKAYA, M.L.; PODGBA, N.V. Prinsipialni uchastiye: ALEKSEYCHIK, S.N.; GUSHKOVICH, S.N.; DIKENSHEYTEYN, G.Kh.; DZVELAYA, M.F.; DRABKIN, I.Ye.; IVANOVA, M.N.; KAZARINOV, V.P.; KALININA, V.V.; KOZLENKO, S.P.; MEDVEDEV, V.Ya.; PUSTIL'NIKOV, M.R.; ROSTOVITSEV, N.N.; SKOBLIKOVA, G.I.; STEPANOV, P.P.; TITOV, V.A.; POTIADI, E.E.; CHIRVINSKAYA, M.V.; SHMAROVA, V.P.; GRATSIANOVA, O.P., red.; BEKMAN, Yu.K., vedushchiy red.; MUKHINA, E.A., tekhn.red.

[Manual for geophysicists in four volumes] Spravochnik geofizika v chetyrekh tomakh. Moskva, Gos.nauchno-tekhn.izd-vo neft. i gornotoplivnoi lit-ry. Vol.1. [Stratigraphy, lithology, tectonics, and physical properties of rocks] Stratigrafiia, litologiya, tektonika i fizicheskie svoistva gornykh porod. Pod red. O.P. Gratsianovoi. 1960. 636 p. (MIRA 14:1)
(Petroleum geology) (Gas, Natural--Geology)

CHIRVINSKAYA, M.V.

Combining seismic prospecting and drilling. Geol. nefiti i gaza
4 no. 3:31-33 Mr '60. (MIRA 13:12)

1. Trest Ukreftegeofizika.
(Oil well drilling) (Seismic prospecting)

S/169/62/000/005/023/093
D228/D307

AUTHORS: Andreyeva, R. I., Gavrish, V. K. and Chirvinskaya, M. V.

TITLE: Trial complex processing of seismic and drilling data for the multiblock uplifts of the Dneprovsko-Donetskaya Depression [Abstracter's note: Given as Denets... in the Russian original.]

PERIODICAL: Referativnyy zhurnal, Geofizika, no. 5, 1962, 27, abstract 5A213 (Novosti neft. i gaz. tekhn., Geologiya, no. 5, 1961, 27-31)

TEXT: Complex processing of seismic and drilling data, obtained on one of the local uplifts within the Dneprovskiy Graben, has been carried out. The thorough allocation of the reflecting horizons to definite lithologic-stratigraphic boundaries, with the wide use of electric logging data; the correlative linking of these horizons in closed polygons; the preparation of schemes for the tracing of tectonic dislocations; the preparation of maps of the reflection grade; and a number of other interpretation procedures
Card 1/2

Trial complex processing ...

S/169/62/000/005/023/093
D228/D307

have allowed the existing notions about this structure to be essentially supplemented and made more precise. A number of detailed structural maps and a series of maps, characterizing the uplift's history of formation, were constructed as a result of the execution of the complex interpretation. The resulting data can be employed to orient further prospecting operations, to estimate the reserves, and to investigate the mechanisms whereby oil and gas pools are formed. [Abstracter's note: Complete translation.]

Card 2/2

ANDREYEVA, R.I.; CHIRVINSKAYA, M.V.

Hypsometry of the basement of the Dnieper granen. Geol. nefiti
i gaza 5 no.12:31-35 D '61. (MIRA 14:11)

1. Trest Ukrgeofizrazvedka.
(Dnieper-Donets lowland--Altitudes--Measurement)

GUREVICH, B.L.; KLITICHENKO, I.F.; CHIRVINSKAYA, M.V.

Oil and gas prospecting trends in the Black Sea region. Geol.
nefti i gaza 5 no.6:6-10 Je '61. (MIRA 14:6)

1. Trest Ukrgeofizrazvedka, Glavgeologiya USSR.
(Black Sea region--Petroleum geology)
(Black Sea region--Gas, Natural--Geology)

ARSIRIY, Yu.A.; BLANK, M.I.; BLIZNYUK, V.F.; GLUSHKO, V.V.;
KLITICHENKO, I.F.; LITVINOV, V.R.; PALIY, A.M.; PAN'KIV, A.M.;
PISTRAK, R.M.; CHERPAK, S.Ye.; CHIRVINSKAYA, M.V.; YARCHENKO, L.M.

Plan for the areal study of the Dnieper-Donets Lowland. Trudy
VNIIGAZ no.14:3-17 '62. (MIRA 15:5)
(Dnieper-Donets Lowland--Petroleum geology)
(Dnieper-Donets Lowland--Gas, Natural--Geology)

CHIRVINSKAYA, M.V.

Formation of local structures in the Dnieper-Donets Lowland.
Trudy VNIIGAZ no.14:62-67 '62. (MIRA 15:5)
(Dnieper-Donets Lowland--Petroleum geology)
(Dnieper-Donets Lowland--Gas, Natural--Geology)

GLUSHKO, Vasilii Vasil'yevich; KLITCHENKO, Ivan Filippovich;
KRAMARENKO, Vladimir Nikolayevich; MAKSIMOV, Stepan
Pavlovich; CHIRVINSKAYA, Marina Vladimirovna;
OVCHINNIKOVA, S.V., red.; VORONOVA, V.V., tekhn. red.

[Geology of oil and gas fields in the Ukrainian S.S.R.]
Geologiya neftiannykh i gazovykh mestorozhdenii Ukrain-
skoi SSR. Moskva, Gostoptekhizdat, 1963. 314 p.
(MIA 17:2)

CHIRVINSKAYA, M. V.; KRAMARENKO, V. N.; KLITCHENKO, I. F.

"Tectonic and facies conditions as a factor of oil and gas accumulation in the Ukrainian SSR."

report submitted for 22nd Sess, Intl Geological Cong, New Delhi, 14-22 Dec 1964.

GUREVICH, B.L.; ZAYKOVSKIY, N.Ya.; SOLOVOVA, L.Ya.; CHIRVINSKAYA, M.V.

Development of structures in the Tarkhankut Peninsula.
Sov. geol. 7 no.3:116-120 Mr '64. (MIRA 17:10)

1. Kiyevskaya ekspeditsiya Ukrainского nauchno-issledovatel'skogo
gornorudnogo instituta.

ANDREYENVA, R.S.; GDALEVICHKAYA, T.A.M.; GORBAJENKO, D.I.; KLITSCHENKO, I.F.;
CHIRVINEKAYA, N.V.

Buried Paleozoic structures in the southeastern part of the
Dnieper-Donets Lowland. Geol. nefti i gaza no. 6:16-22 Je
'65. (MIRA 18:8)

1. Ukrainskiy nauchno-issledovatel'skiy geologorazvedchnyy
institut, Kiyev; Glavnoye upravleniye geologii i okhrany neдр pri
Sovete Ministro UkrSSR i trest Ukrgeofizrazvedka.

ACC NR: AT6028370

(N)

SOURCE CODE: UR/0000/65/000/000/0056/0069

AUTHOR: Subbotin, S. I.; Gurevich, B. L.; Sollogub, V. B.; Chekunov, A. V.;
Chirvinskaya, M. V.; Kuzhelov, G. K. (Deceased)

ORG: none

TITLE: Deep-seated structure of the Ukraine, based on data from geophysical investigations

SOURCE: International Geological Congress. 22d, New Delhi, 1964. *Geologicheskkiye rezul'taty prikladnoy geofiziki (Geological results of applied geophysics); doklady sovet'skikh geologov, problema 2.* Moscow, Izd-vo Nedra, 1965, 56-69

TOPIC TAGS: tectonics , upper mantle, earth crust, stratigraphy /
Ukraine

ABSTRACT: Geological and particularly geophysical investigations have located a great number of deep-seated faults in the Ukraine. These faults have mainly northeast and northwest strikes. The northeast-strike faults predominate in the Ukrainian shield, the Black Sea depression, and the northern part of the Black Sea basin, while northwest-strike faults are typical of the Dneprovsko-Donetskaya depression, the Trans-Carpathian depression, the folded Carpathians, the Carpathian foredeep and the southwestern part of the Russian platform. For the area, as a whole, it has been found that the macrostructural features of deep-seated faults have longitudinal or transverse strikes. Tectonic movements in the Earth's crust
Cord 1/2

ACC NR: AT6028370

are mainly caused by compression and expansion of the mantle associated with polymorphic, phase and electron transformations, or chemical alterations. Deep-seated faults originate in the upper mantle hundreds or at least tens of km deep. The main types of faults located in the Ukraine are: 1) ancient Proterozoic faults in the Precambrian basement; 2) faults of different ages, expressed in the basement as major stages and separating principal structural features or their components; and 3) transverse (sometimes longitudinal) faults cutting across the main structures and separating them into individual blocks. In addition, there are many faults in the sedimentary strata which are directly or indirectly associated with the block movement of the basement. The study of the deep-seated crustal structure of the main geotectonic features of the Ukraine is based upon geophysical, mostly seismic, investigations. The block-type structure of the crust has been established, and a number of deep-seated faults have been located. A general feature is increased crustal thickness under uplifts and decreased thickness under depressions. It has been found that the granite layer contains shallow gently sloping seismic discontinuities, which may either separate different structural stages and rock complexes or represent purely physical boundaries. The Ukraine has been divided into structural zones on the basis of geological and geophysical data, and detailed characteristics of all zones are given. Orig. art. has: 2 figures.

SUB CODE: 08/ SUBM DATE: 06Jan65/ ORIG REF: 025/ OTH REF: 006/

Card 2/2

CHIRVINSKIY, I.A., agronom.

Fall plowing in arid regions. Nauka i pered.op.v sel'khoz. 7
no.9:31-32 S '57. (MIRA 10:10)

(Plowing)

CHIRVINSKIY, I.A.

In the Scientific Technical Council of the Ministry of Agriculture
of the U.S.S.R. Zemledelie 6 no.8:94-96 AG '58. (MIRA 12:11)
(Tillage)

CHIRVINSKIY, I. (N) agronom

Lasiagrostis, a valuable forage plant. Nauka i pered. op. v
sel'khoz 8 no.12:51-52 D '58. (MIRA 12:1)
(Forage plants)

CHIRVINSKIY, I., ^(A) agronom

Soilless culture of vegetable crops. Nauka i pered.op. v sel'khoz.
8 no.11:53-54 N '58. (MIRA 11:12)
(Plants--Soilless culture) (Vegetables)

CHIRVINSKIY, I.A.

Radioactive isotopes in agriculture. Zemledelie 23 no. 2:88
F '61. (MIRA 14:2)
(Plants, Effect of radioactivity on)

CHIRVINSKIY, I.A.

New methods of harvesting hay for the preparation of protein and
vitamin-rich hay meal. Zemledelie 8 no.6:93-95 Je'60. (MIRA 13:10)
(Hay--Harvesting)

CHIRVINSKIY, I.A.

Large-scale soil investigations. Zemledelie 8 no.12:83-86 D '60.
(MIRA 13:11)

(Soil research)

CHIRVINSKIY, I.A.

In the Agronomy Section of the Scientific Technical Council of
the Ministry of Agricultural of the U.S.S.R. Zemledelie 23
no.6:89-90 Je '61. (MIRA 14:6)
(Corn (Maize))

CHIRVINSKIY, I.; KOSOBOKOV, G.

New method for storing grain for cattle feed. Zemledelie 23
no.8:87-88 Ag '61. (MIRA 14:10)
(Grain--Storage) (Cattle--Feeding and feeds)

CHIRVINSKIY, N. B.

Chirvinskiy, N. B. "On the Magnetic study of the structure of iron silicates and their content of the compounds Fe_2Ni and Fe_2NiP , the minerals nickel diferrite and phosphide of nickel diferrite", Meteoritika, Issue 5, 1948, p. 37-48, - Bibliog: 33 items.

So: U-3261, 10 April 53, (Letopis 'Zhurnal 'nykh Statoy, No. 12, 1949-)

YEFREMOV, I.S., doktor tekhn. nauk, prof.; ZAGAYNOV, N.A., kand. tekhn. nauk;
NIKOL'SKIY, I.K., kand. tekhn. nauk; CHIRVINSKIY, V.M., inzh.

Thermal resistance of silicon power rectifiers. Elektrichestvo
no.2:42-45 F '65. (MIRA 18:3)

1. Moskovskiy energeticheskiy institut.

SKOROBGATYY, G.; CHIRYAPKIN, V.

From a plant to the field with a motor vehicle. Avt. transp. 42 no.9:
18 S '64. (MIRA 17:11)

1. Lenobltrans.

LAVROVA, L.P., kand.tekhn.nauk; VOLOVINSKAYA, V.P.; KRAVCHENKO, N.D.,
starshiy nauchnyy sotrudnik; LEVINA, I.I., starshiy nauchnyy
sotrudnik; CHIRYATNIK, V.I., starshiy nauchnyy sotrudnik;
KONAREVSKIY, A.A., starshiy nauchnyy sotrudnik; KRYLOVA, V.V.;
mladshiy nauchnyy sotrudnik; TELEPNEVA, V.P., mladshiy nauchnyy
sotrudnik; MATYTSIN, N.N., inzh.; MALYUTIN, P.I., inzh.

Developing a continuous mechanized preparation of sausage meat
used in the production of cooked sausages. Trudy VNIIMP no.9;
13-39 '59. (MIRA 13:8)

1. ^Moskovskiy myasokombinat (for Matytsin and Malyutin).
(Sausages)

CHIRYATNIKOV, Veniamin Ivanovich; KORBUT, L.V., red.; SATAROVA,
A.M., tekhn. red.

[Boning and sinewing of meat] Obvalka i zhilovka miasa. Mo-
skva, Pishchepromizdat, 1961. 62 p. (MIRA 15:4)
(Meat cutting)

CHIRYATNIKOV, Veniamin Ivanovich; BUYANOVA, Anna Stepanovna;
ASLANOV, V.G., retsenzent; KORBUT, L.V., red.;
ZARSHCHIKOVA, L.N., tekhn. red.

[Stuffing and tying of sausage] Shpritsevanie i viazka
kolbas. Moskva, Pishchepromizdat, 1963. 46 p.

(MIRA 16:10)

(Sausages)

CHIRYATNIKOV, V.I., starshiy nauchnyy sotrudnik; LEVINA, L.I., starshiy nauchnyy sotrudnik; BUSHKOVA, L.A., mladshiy nauchnyy sotrudnik; STEFANOV, A.V., starshiy veterinarnyy vrach-bakteriolog; SHIRYAYEVA, V.M., starshiy veterinarnyy vrach-bakteriolog; SOLOV'YEVA, O.T., veterinarnyy vrach-bakteriolog; BOLDOVA, A.K., inzh.

Aging of cured meat in large containers. Trudy VNIIMP
no.12:58-70 '62. (MIRA 18:2)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut myasnoy promyshlennosti (for Chiryatnikov, Levina, Bushkova).
2. Moskovskiy myasokombinat (for Stefanov, Shirayeva, Solov'yeva, Boldova).

ZAYAS, Yu.F., starshiy nauchnyy sotrudnik; ~~CHIRYATNIKOV, V.I., starshiy~~
nauchnyy sotrudnik; BUSHKOVA, L.A., ~~mladshiy nauchnyy~~ sotrudnik;
BORISOVA, A.I., starshiy tekhnik

Using the ultrasonic hydrodynamic system for the production of
condiment emulsions. Trudy VNIIMP no.14:82-84 '62. (MIRA 16:8)
(Condiments) (Ultrasonic waves--Industrial applications)

ANDRIYENKO, D.A.; CHIRYAYEV, A.G.

Parallactic photography of polar lights in the Tiksi Bay region.
Geomag. i aer. 3 no.6:1135-1136 N-D '63. (MIRA 16:12)

1. Kiyevskiy gosudarstvennyy universitet i Institut
kosmofizicheskikh issledovaniy i aeronomii Yakutskogo filiala
Sibirskogo otdeleniya AN SSSR.

L 04891-67 EMT(1)/FCC GW/GD

ACC NR: AT6027216

SOURCE CODE: UR/0000/66/000/000/0091/0093

AUTHOR: Chiryayev, A. G.

ORG: none

TITLE: Dependence of the resolving power of a panoramic ionospheric station on indicator sensitivity

SOURCE: AN SSSR. Sibirskoye otdeleniye. Sibirskiy institut zemnogo magnetizma, ionosfery i rasprostraneniya radiovoln. Issledovaniya po geomagnetizmu i aeronomii (Studies in geomagnetism and aeronomy). Moscow, Izd-vo Nauka, 1966, 91-93

TOPIC TAGS: ionospheric sounder, receiver resolution, receiver sensitivity, *ionospheric absorption*

ABSTRACT: The resolving power of a panoramic ionospheric station operating at a frequency f_1 is discussed as the ratio of the unabsorbed field intensity $E_0 f_1$ to the minimum field intensity $E_{min} f_1$ (minimum intensity required to reproduce a signal reflected from the ionosphere on the indicator screen). The resolving power of the station derives as a function of the emitting power of the transmitter, antenna gain, and sensitivity of the receiving system. The receiving system consists of a receiver and a scanning-type indicator, each of which has

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a sensitivity of its own. Specifically investigated is the effect of the difference in receiver and indicator sensitivity on the resolving power of the station. It is shown that a receiver sensitivity greater than that of the indicator leads to a decrease in resolving power and, thereby to exaggerated values of the minimum reflection frequency f_{min} and distortion of the conditions of (apparent) ionospheric absorption. A method for determining ionospheric absorption from f_{min} is described and the error involved in the method is assessed. A tabular comparison of the parameters of a Soviet (AIS) and a U.S. (S-4) ionospheric stations shows that the resolving power can be improved by increasing the gain of the receiving channel. It is shown that a difference in receiver and indicator sensitivity will have a well-pronounced adverse effect on the resolving power of ionospheric stations operating at high latitudes, where cases of increased and total ionospheric absorption prevail. Orig. art. has: 1 formula and 1 table.

SUB CODE: 04/ SUBM DATE: 25Dec65/ ORIG REF: 003

nd
Card 2/2

ARGUNOV, I.A., red.; VASIL'YEV, S.N., red.; KORYAKIN, P.I., red.; KROTOV,
M.A., red.; LUKONIN, G.A., red.; TOMSKIY, S.K., red.; CHERSKIY,
N.V., red.; CHIRYAYEV, G.O., red.; SOLOV'YEVA, Ye.P., tekhn.red.

[Forty years of the Yakut A.S.S.R.] 40 let Iakutskoi ASSR.
Iakutsk, Iakutskoe knizhnoe izd-vo, 1962. 189 p.

(MIRA 16:1)

(Yakutia—Economic conditions)

(Yakutia—Culture)

Chiryayev, V.I.

VEITS, V.L.; CHIRYAYEV, V.I.

Hydraulic and mechanical devices used for gripping moving units
of heavy-duty machine tools. Stan. i instr. 28 no.11:7-10 N '57.

(MIRA 10:12)

(Machine tools--Attachments)

VEITS, V.L.; CHIRYAYEV, V.I.; KUDINOV, V.A., red.; LAZAREV, Yu.M., tekhn.red.

[Some problems in analyzing the smoothness and displacement sensitivity of feed mechanisms of heavy-duty metal-cutting machines] Nekotorye voprosy raschetov mekhanizmov podachi tiazhelykh metallorezhushchikh stankov na plavnost' i chuvstvitel'nost' peremeshcheniia. Moskva, Tsentral'noe biuro tekhn.informatsii, 1958. 30 p. (MIRA 12:3)

1. Moscow. Eksperimental'nyy nauchno-issledovatel'skiy institut metallorezhushchikh stankov.

(Machine tools)

SOV/121-58-9-3/21

AUTHORS: Veyts, V.L. and Chiryayev, V.I.

TITLE: Planetary Transmissions in Heavy Machine Tools
(Planetarnyye peredachi tyazhelykh stankov)

PERIODICAL: Stanki i Instrument, 1958, Nr pp 10 - 15 (USSR)

ABSTRACT: The basic types of planetary transmissions used in the feed mechanisms of heavy machine tools are discussed. The kinematic diagrams of simple planetary transmissions with three basic links are shown in Table 1. Tables 2 and 3 show various combinations of transmission ratios in planetary transmissions. With high transmission ratios, appreciable values of non-uniformity are possible. Several examples of planetary transmissions are shown in cross-section. Some design features are criticised such as unequal loads on the planet gears and excessive bearing loads due to overhung planet gears. It is concluded that planetary transmissions should be applied only where

Card 1/2

Planetary Transmissions in Heavy Machine Tools

SOV/121-58-9-3/21

size limitations are predominant and engagement in operation is essential.

There are 9 figures, 3 tables and 4 references, 3 of which are Soviet and 1 Czech.

Card 2/2

CHIRYAYEV, V.I.

25(1)

PHASE I BOOK EXPLOITATION

SOV/2780

Veyts, Vladimir L'vovich, Vladimir Kirillovich Dondoshanskiy, and Vyacheslav Ivanovich Chiryayev

Vynuzhdennyye kolebaniya v metallorezhushchikh stankakh; raschet detaley i uzlov (Forced Vibrations in Metal-cutting Machine Tools; Design of Parts and Sub-assemblies) Moscow, Mashgiz, 1959. 287 p. Errata slip inserted. 5,500 copies printed.

Reviewer: V. A. Kudinov, Candidate of Technical Sciences; Ed.: I. B. Barger, Candidate of Technical Sciences; Ed. of Publishing House: V. P. Vasil'yeva; Tech. Ed.: O. V. Speranskaya; Managing Ed. for Literature on the Design and Operation of Machinery (Leningrad Division, Mashgiz): F. I. Fetisov, Engineer.

PURPOSE: This book is intended for technical personnel working in the design and construction of machine tools. It may also be used by students of institutions of higher technical education studying the theory of vibrations.

COVERAGE: The basic theory of vibrations and methods of designing parts and subassemblies of machine tools for vibrational stability are presented.

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Forced Vibrations in Metal-cutting Machine Tools (Cont.) SOV/2780

Types of vibrations occurring in metal-cutting machine tools and methods of calculating natural frequencies of bending and torsional vibrations are described. Special attention is given to calculating procedures and theoretical principles. No personalities are mentioned. There are 38 references, all Soviet.

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AVAILABLE: Library of Congress (TJ 1185.V42)

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GO/OS
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(A) L 12140-66 EWT(m) RM

ACC NR: AP6000455

SOURCE CODE: UR/0064/65/000/009/0022/0023

AUTHOR: Sokolov, N. M.; Nakhapetyan, L. A.; Fomichev, A. V.; Livshits, S. Ya.; Chirtsov, V. I.; Kasimov, R. G.; Lukina, M. Yu.; Zhavoronkov, N. M.

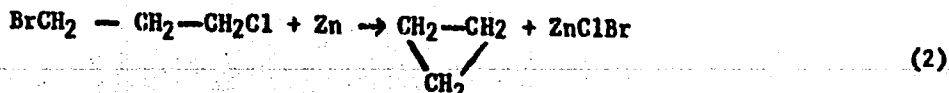
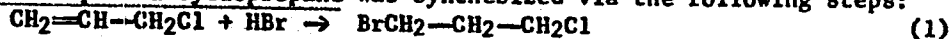
ORG: None

TITLE: Experimental industrial preparation of pharmacopoeial cyclopropane

SOURCE: Khimicheskaya promyshlennost', no. 9, 1965, 22-23

TOPIC TAGS: cyclopropane, organic synthetic process, cyclic group, pharmaceutical, propane

ABSTRACT: Pharmacopoeial cyclopropane was synthesized via the following steps:



In the third step, propylene and other impurities are removed by distillation in a packed tower. The operation of the experimental industrial assembly used in this process is described and its diagram is given. The reactor for the synthesis of cyclopropane is also illustrated. The propylene content of cyclopropane was Card 1/2

UDC: 661.715.4:547.512

L 12140-66
ACC NR: AP6000455

determined by gas-liquid chromatography with a thermal conductivity detector, and the cyclopropane obtained was found to meet the specified requirements. The study permitted the refinement of certain parameters of the process by which cyclopropane is produced at the various stages, and improved the flowsheet of the synthesis considerably. Orig. art. has: 3 figures.

SUB CODE: 07 / SUBM DATE: 00 / ORIG REF: 005

HW
Card 2/2

PHASE I BOOK EXPLOITATION

SOV/4059

Veshev, A. V., L. Ya. Mizyuk, G. A. Petrov, A. F. Fokin, and A. N. Chir'yev

Elektronnaya elektrorazvedochnaya apparatura ESK-1 , KSR-1 i KSRM-1 (ESK-1, KSR-1, and KSRM-1 Electronic Equipment for Electrical Prospecting) Moscow, Gosgeoltekhizdat, 1959. 103 p. Errata slip inserted. 4,000 copies printed.

Sponsoring Agencies: Vsesoyuznyy nauchno-issledovatel'skiy institut metodiki i tekhniki razvedki; USSR Ministerstvo geologii i okhrany neдр.

Ed. of Publishing House: V. I. Korchagin; Tech Ed.: V. V. Bykova.

PURPOSE: This textbook is intended for geophysicists, field geologists, and persons engaged in geological exploration.

COVERAGE: The book describes new electronic equipment manufactured for electrical prospecting by the use of direct current. The book also describes principles of operation, construction, and efficiency tests performed under both field and laboratory conditions. The book also gives directions for using the instruments, and lists possible causes of trouble, along with methods of

Card 1/5

ESK-1, KSR-1, and KSRM-1 Electronic Equipment (Cont.)

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eliminating them. The basic diagrams and first models of the equipment were developed by the Institute of Science of Machines and Automation, Academy of Sciences, Ukr SSR, in cooperation with the electrical prospecting laboratory of the VIRG (VITR). Field tests of the equipment were carried out jointly by the above-mentioned laboratory and the IMA AN Ukr SSR. Production models of the apparatus were developed in the OKB of the Ministry of Geology and Conservation of Mineral Resources, USSR. The following persons participated in the development of the electrical prospecting equipment: A.V. Veshev, V.G. Zubov, K.B. Karandeyev, L.Ya. Mizyuk, G.A. Petrov, E.P. Sogolovskiy, A.A. Flaksman, A.F. Fokin, G.A. Shtamberger, A.N. Chir'yev, and L.M. Jaffe. In writing this textbook, the following persons participated on behalf of the OKB MGION: A.N. Chir'yev and G.A. Petrov; on behalf of the IMA AN Ukr SSR: L.Ya. Mizyuk, V.G. Zubov; on behalf of VITR: A.V. Veshev, L.V. Larionov, and A.F. Fokin. General editing was done by A.V. Veshev. There are 15 references: 12 Soviet, 1 Swedish, 1 English, and 1 French.

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