

BONDARCHUK, Vasilii Arkhipovich; KRYSHCHEV, Oleg Vsevolodovich;
MAL'CHIKOVA, V.K., red.

[One percentage of butterfat; stories about farmers-
livestock breeders] (din protsent zhira; rasskaz o
zhivotnovodakh-selektionerakh. Leningrad, Lenizdat,
1964. 55 p. (MIRA 17:10)

BONDARCHUK, V. G.

"Analysis of generalized graphs by equations solution technique in some algebra"
report submitted for the Intl Symposium on Relay Systems and Finite Automata Theory
(IFAC), Moscow, 24 Sep-2 Oct 1962.

L 51059-65 EWT(1) GW
AM4046253

BOOK EXPLOITATION

S/

Bondarcuk, Vladimir Gavrilovich

13

B4/

The structure of the earth's crust; with a map on a scale of 1:27,000,000
(Struktura zemnoy kory s kartoy mashaaba 1:27 000 000) Kiev, Izd-vo AN Ukrain-
skoy SSR, 1962. 43 p. biblio., fold-in map. Errata slip inserted. 1600 copies
printed. Editor of the publishing house: Z. G. Ovcharova; Technical editor:
Yu. N. Dakhno; Proofreader: L. O. Dikhtyar
Series note: Akademiya nauk Ukrainskoy SSR. Institut geologicheskikh nauk. Trudy.
Seriya geotektoniki. Vyp. 12

TOPIC TAGS: atmosphere, earth crust, earth shell, geology, lithosphere

PURPOSE AND COVERAGE: This booklet was published by decision of the Academic
Council of the Institut geologicheskikh nauk AN USSR. It was prepared for a wide
circle of specialists in geology, geography, and other branches of natural science.
The present state of knowledge concerning the origin of the earth's outer shell is
illuminated, the structure of the earth is described, and the secondary origination
of the earth's crust as a result of the interaction of primary planetary matter,
the atmosphere, water, and organic life is demonstrated.

Card 1/2

L 51059-65

AM4046253

TABLE OF CONTENTS:

The earth's crust - - 3

Origin of the lithosphere - - 9

Subdivision of tectonic elements of the earth's outer shell - - 21

Literature - - 43

SUB CODE: ES

SUBMITTED: 20Feb62

NR REF SOV: 016

OTHER: 015

JJB
Card 2/2

1. BONDARCHUK, V. G.
2. USSR (600)
4. Geology and Geography
7. Principles of Geomorphology, V. G. Bondarchuk. (Moscow, Education-Pedagogic Press, 1949). Reviewed by Yu. K. Yefremov, Sov. Kniga, No 3, 1951.

9. ~~Report~~ Report: U-3081, 16 Jan 1953, Unclassified.

BLNDARCHUK, V.G.

Critique of a review by D.L. Armand, N.A. Gvozdetskiy, A.V. Zhivago of my book
"Principles of Geomorphology", V.G. Blndarchuk
Vop. geog., 26, 1951

BONDARCHUK, V. G.

USSR/ Geology

Card : 1/1

Authors : Bondarchuk, V. G. Prof. Act. Memb. of Ukr-Acad. of Sciences

Title : Geological structure of Soviet Carpathian mountains

Periodical : Priroda, 6, 78 - 88, June 1954

Abstract : Speaking on the geological structure of the Soviet part of the Carpathian mountains the author recommends that the mineral resources of these mountains be utilized to the best economical advantages of the Soviet people. Illustrations.

Institution :

Submitted :

BONDARCHUK, V.G.

Achievements in the study of the geological structure of the
Ukrainian S.S.R. during the years of the Soviet State. Izv.
AN SSSR. Ser.geol. 19 no.2 :5-17 Mr-Apr '54. (MLRA 7:7)
(Ukraine--Geology) (Geology--Ukraine)

BONDARCHUK, V.G.

Morphologic division of the Soviet Eastern Carpathian Mountains.
Visnyk AN URSR 25 no.10:37-43 0 '54. (MIRA 8:1)

1. Diyeniy chlen AN URSR.
(Carpathian Mountains--Geology)

BONDARCHUK, V.G.

BONDARCHUK, V.G.

Stratigraphic subdivision of quaternary deposits of the south-western part of the Russian Plain. Dop. AN URSR no.3:277-280 (MLRA 8:11) '55.

1. Dlysniy chlen Akademii nauk URSR. 2. Institut geologichnikh nauk URSR
(Geology, Stratigraphic)

BONDARCHUK, V.G.

BURKSER, Yevgeniy Samoylovich; ZAMORIY, Petr Konstantinovich; ROMODANOVA, Ada Petrovna; BURKSER, Vasilisa Vasil'yevna, POLOVKO, Ivan Kirillovich; KUL'SKAYA, Ol'ga Adol'fovna; Zaydis Bronya Borisovna; BONDARCHUK, V.G., otvetstvennyy redaktor; LYSENKO, F.K., redaktor izdatel'stva; ZHUKOVSKIY, A.D., tekhnicheskiy redaktor

[Geochemical conditions in southern districts of the Ukraine and the prognosis of their possible transformation as a result of irrigation]
Geokhimicheskaya obstanovka v iuzhnykh raionakh Ukrainskoi SSR i prognoz ee vozmozhnykh izmenenii v rezul'tate orosheniya. Kiev, Izd-vo Akademii nauk Ukrainskoi SSR, 1956. 135 p. (MIRA 10:2)

1. Deystvitel'nyy chlen Akademii nauk USSR (for Bondarchuk)
(Ukraine---Soils)

BONDARCHUK, V.G.

KAPTARENKO-CHERNOUSOVA, O.K.; BONDARCHUK, V.G., vidp. red.; NYEMCHENKO, Ye.M., red.; SIVACHENKO, Ye.K., tekhn. red.

[Foraminifera from the Kiev formation of the Dnieper-Donets Depression and the northwestern outskirts of the Donets Basin] Foraminifery kyivs'koho iarusu Dniprovs'ko-Donetskoi zapadyny ta pivnichno-zakhidnykh okrain Donets'koho bassinu. Kyiv, Vyd-vo Akad. nauk Ukrain'skoi RSR, 1956, 163 p. (Akademia nauk URSR, Kiev. Instytut geologichnykh nauk. Trudy. Seria stratygrafii i paleontologii. No.6). (MLRA 10:9)

1. Diysnyy chlen Akademii nauk URSR (for Bondarchuk).
(Dnieper Lowland--Foraminifera, Fossil)
(Donets Basin--Foraminifera, Fossil)

BONDARCHUK, V.G.

ISHCHENKO, Anton Markovich; BONDARCHUK, V.G., akademik, otvetstvennyy redaktor; IMAS, R.L., redaktor izdatel'stva; SIVACHENKO, Ye.K., tekhnicheskii redaktor;

[Significance in stratigraphy of spores and pollen of lower Carboniferous deposits in the western extension of the Donets Basin] Spory i pyl'tsa nizhne-kamennougol'nykh osadkov zapadnogo prodolzheniia Donbassa i ikh znachenie dlia stratigrafii. Kiev, Izd-vo Akademii nauk USSR, 1956. 184 p. (Akademiia nauk URSR, Kiev, Instytyt geologichnykh nauk. Trudy.Seriia stratigrafii i paleontologii, no.11) (MLRA 10:3)

1. AN USSR (For Bondarchuk)

(Donets Basin--Spores (Botany), Fossil)

(Donets Basin--Pollen, Fossil)

BRAZHNIKOVA, N.Ye.; ISHCHEKHO, A.M.; ISHCHEKHO, T.A.; NOVIK, Ye.O.;
SHUL'GA, P.L.; BONDARCHUK, V.G., akademik, otvetstvennyy re-
daktor.

[Fauna and flora of Carboniferous deposits of the Galician-
Volyn Lowland] Fauna i flora kamennougol'nykh otlozhenii Ga-
litsiisko-Volynskoi vpadiny. Kiev, Izd-vo Akademii nauk Uk-
rainskoi SSR, 1956. 409 p. (Akademia nauk URSS, Kiev. Insti-
tut geologichnykh nauk. Trudy. Seriya stratigrafii i paleonto-
logii, no.10) (MLRA 9:11)

1. Akademiya nauk URSS (for Bondarchuk).
(Galician-Volyn Lowland--Paleontology, Stratigraphic)

BONDARCHUK, V.G.

Tectonics of greater Donets Basin and the origin of trenchlike
faults of platforms. Geol.shur. 16 no.2:3-12 '56. (MLRA 9:9)

(Donets Basin--Geology, Structural)

15070211R
STANISLAVSKIY, F.A.; BONDARCHUK, V.G., akademik, otvetstvennyy redaktor;
NOVIK, Ye.O., redaktor; ZAVIRYUKHINA, V.N., reaktor izdatel'stva;
SIYACHENKO, S.K., tekhnicheskiy redaktor

[Fossil flora of Bathonian and Callovian deposits in the Donets Basin and the Dniper-Donets Lowland] Iskopaemaya flora batsko-kallovieskikh otlozhenii Donetskogo basseina i Dneprovsko-Donetskoi vpadiny. Kiev, Izd-vo Akad.nauk USSR, 1957. 128 p. (MLRA 10:7)

1. Akademiya nauk USSR (for Bondarchuk). 2. Oshen-korrespondent
Akademii nauk USSR (for Novik)
(Donets Basin--Paleobotany) (Dnieper Lowland--Paleobotany)

~~BONDARCHUK, Vladimir Gavrilovich, akademik; KROTKOVA, O.O., redaktor;~~
~~LOKASH, H.M., tekhnicheskii redaktor~~

[Soviet Carpathians; an outline of their geology and geography]
Radians'ki Karpaty; geologo-geografichnyi narys. Kyiv, Derzh.
uchbovo-pedagog. vyd-vo "Radians'ka shkola," 1957. 176 p.
(MLRA 10:5)
(Carpathian Mountains--Physical geography)

BONDARCHUK, V.G., akademik, otvetstvennyy redaktor; ZAVIRYUKHINA, V.N.,
redaktor izdatel'stva; ZHUKOVSKIY, A.D., tekhredaktor

[Proceedings of a conference on the problem of the extent of the
Namurian and its relation to the Carboniferous system] Soveshchanie
po voprosu ob ob"eme Namiurskogo iarusy i ego polozenii v
kamennougol'noi sisteme. Kiev, 1954. Trudy...Kiev, Izd-vo
Akad. nauk USSR, 1957. 220 p. (MLRA 10:5)

1. AN USSR. (for Bondarchuk)
(Geology, Stratigraphic)

BONDARCHUK, V.G.

26-10-3/44

AUTHOR: Bondarchuk, V.G., Professor, Academician of the Academy of Sciences of the Ukrainian SSR

TITLE: The Big Donbass (Bol'shoy Donbass)

PERIODICAL: Priroda, October 1957, No 10, pp 23-32 (USSR)

ABSTRACT: The Donets coal field is economically one of the most important regions in the USSR. For over 160 years it has been the main source of raw material for the fuel and metallurgical industries. The output of coal was 30.9 million tons in 1928, and rose to 94.3 million tons in 1940. This was achieved by scientific research, which revealed that the coal field around the Donets river - the old Donbass, was much more extensive, leading to the exploration of the surrounding areas. The Big Donbass now covers the territory between the Sal'skiye steppes in the east, the Dn epr valley in the west, the Azov region granite massif in the south and Sumskaya Oblast in the north. The coal deposits are so extensive that the output is expected to reach 162.3 million tons in 1957 and to grow still higher after another 150 coal mines will have been developed as stipulated by the 6th five-year plan. The article contains 6 photos. The bibliography lists 2 re-

Card 1/2

BONDARCHUK, V.G.

Tectonics of the Black Sea region. Geol. zhur. 17 no.2:3-15 '57.
(Black Sea region--Geology, Structural) (MLRA 10:11)

BONDARCHUK, V.G. [Bondarchuk, V.H.]

Achievements of geology and the development of mineral reserves
in the Ukrainian S.S.R. during the forty years of the Soviet regime.
Geol. zhur. 17 no.3:3-22 '57. (MIRA 11:2)
(Ukraine--Geology)

BONDARCHUK, V.G. [Bondarchuk, V.H.]

Fifth Congress of the International Association on the Studies of
Quaternary Period (INQUA). Geol. zhur. 17 no.4:90-92 '57.
(MIRA 11:4)
(Spain--Geology, Stratigraphic--Congresses)

BONDARCHUK, Y.G.

Geological excursion in Czechoslovakia. Visnyk AN URSS 28 no.3:50-58
Mr '57. (MIRA 10:5)

(Czechoslovakia--Geology)

~~BONDARCHUK, V.G.~~ [Bondarchuk, V.H.], akademik

Geological studies of Spain. Visnyk AN URSR 29 no.4:43-54 '57.
(MIRA 11:6)

1. AN URSR.

(Spain--Geological surveys)

ALEKSEYEVA, Kseniya Nikolayevna [Aliksieieva, O.M.]; BONDARCHUK, V.G.
[Bondarchuk, V.H.], akademik, otv.red.; MEL'NIK, G.F. [Mel'nyk,
H.F.], red.izd-va; MATVIYCHUK, O.O., tekhn.red.

[Comparative investigation of physical properties of stone
meteorites and some rocks] Dasvid porivnial'nykh doslidzhen'
fizychnykh vlastyvostei kam'ianykh meteorytiv ta deiakykh
girs'kykh porid. Kyiv, Vyd-vo Akad.nauk URSR, 1958. 47 p.
(MIRA 13:5)

1. AN USSR (for Bondarchuk).
(Meteorites)

GORAK, Sergey Vladimirovich [Horak, S.V.]; BONDARCHUK, V.G. [Bondarchuk, V.H.],
akademik, vidpovidal'nyy red.; MEL'NIK, I.P. [Mel'nyk, I.P.], red.
vidavnitstva; MATVIYCHUK, O.O., tekhnichnyy red.

[Ostracoda in certain middle and upper Carboniferous horizons in
the Donets Basin and factors governing their existence] Ostrakody
deiakykh horysontiv seredn'oho i verkh'n'oho karbonu Donets'koho
baseinu ta umovy ikh isnuvannia. Kyiv, Vyd-vo Akad. nauk Ukrain's'koi
RSR. 1958. 74 p.) (Akademia nauk URSR, Kiev. Instytut geologichnykh
nauk. Trudy. Seriya stratigrafii i paleontologii, no.28).

(MIRA 11:9)

1.AN URSR (for Bondarchuk).

(Donets Basin--Ostracoda, Fossil)

POTIYEVSKAYA, Polina Davidovna [Potilevs'ka, P.D.]; BONDARCHUK, V.G.
[Bondarchuk, V.H.], akademik, otv.red.; BRAZHNIKOVA, N.IE., kand.
geologo-mineral.nauk, red.vypuska; ZAVIRYUKHINA, V.M., red.izd-va;
SIVACHENKO, Ye.K.[Syvachenko, IE.K.], tekhn.red.

[Foraminifera of the upper Bashkir beds in the western part of the
Donets Basin] Foraminifery verkh'n'obashkys'kykh vikladiv sakhidnoi
chastyny Donets'koho baseinu. Kyiv, Vyd-vo Akad.nauk URSR, 1958.
90 p. (MIRA 12:5)

1. Akademiya nauk USSR (for Bondarchuk).
(Donets Basin--Foraminifera, Fossil)

BONDARCHUK, VLADIMIR GAVRILOVICH

4N/5
621.01
.B6

Ukrayina Radyans'ka The Soviet Ukraine Kyiv, Molod', 1958.

268 p. illus., maps.

Title in Russian: Ukraina Sovetskaya.

Bibliographical Footnotes.

KLYUSHNIKOV, Mikhail Nikolayevich; BONDARCHUK, Y.G., akademik otv.red.;
MOLYAVKO, G.I., kand.geol.-mineral.nauk, red.vypuska; ZAVIRYUKHINA
V.N., red.izd-va; SIVACHENKO, V.N., tekhn.red.

[Stratigraphy and fauna of lower Tertiary sediments in the Ukraine]
Stratigrafiia i fauna nizhnetsretichnykh otlozhenii Ukrainy. Kiev,
Izd-vo Akad.nauk Ukr.SSR. 1958. 548p. (Akademiia nauk URSR, Kiev.
Instytut geologichnykh nauk. Trudy. Seriia stratigrafii i paleontolo-
gii. no.13). (MIRA 12:6)

(Ukraine--Geology, Stratigraphic)
(Ukraine--Mollusks, Fossil)

AUTHOR: Bondarchuk, V.G. and Lukashov, K.I. 10-58-3-2/29

TITLE: The Fifth Congress of the International Association for Study of the Quaternary Period (V kongress mezhdunarodnoy assotsiatsii po izucheniyu chetvertichnogo perioda)

PERIODICAL: Izvestiya Akademii Nauk SSSR - Seriya Geograficheskaya, 1958, Nr 3, pp 10-16 (USSR)

ABSTRACT: From August to September 1957, the 5th International Congress for the study of the Quaternary Period was held in Spain (Madrid and Barcelona). Representatives from 33 countries attended. The Soviet delegation consisted of the following eight scientists: K.I. Lukashov (Head of Delegation), V.G. Bondarchuk, I.S. Rozhkov, Ye.V. Shantser, K.K. Markov, A.K. Matveyev, I.I. Krasnov and K.V. Nikiforov. Besides these 8 members of the Soviet delegation, the following scientists presented reports: I.P. Gerasimov, V.I. Gromov, M.M. Tsapenko and S.A. Yakovlev. Altogether, there were 14 Soviet reports in the sections and commissions of the Congress. The Soviet scientists were represented in all commissions and subcommissions.

AVAILABLE: Library of Congress
Card 1/1 1. Geology - Quaternary period-Spain

BONDARCHUK, V.G. [Bondarchuk, V.H.], akademik

Geological Congress in Madrid. Nauka i zhyttia 8 no.5:50-52
My '58. (MIRA 13:4)
(Geology--Congresses) (Spain--Geology)

SOV-21-58-8-16/27

AUTHORS: ~~Bondarchuk, V.G.~~ Member of the AS UkrSSR, Kondrachuk, V.Yu.,
Krutikhovskaya, Z.A., Lebedev, T.S., Mikhaylova, N.P., and
Sollogub, V.B.

TITLE: Hypsometric Chart of the Surface of the Precambrian Foundation
of the UkrSSR and Some Adjacent Areas (Skhema gipsometrii
poverkhnosti dokembriyskogo fundamenta USSR i nekotorykh
sopredel'nykh territoriy)

PERIODICAL: Dopovidi Akademii nauk Ukrain's'koi RSR, 1958, Nr 8, pp 863-866
(USSR)

ABSTRACT: The old charts of the Precambrian foundation within the Ukraine
compiled by A.D. Arkhangel'skiy (Ref. 1) and other investigators,
of which the most detailed is the chart by E.E. Fotiadi (Ref. 15)
are mostly obsolete and do not correspond to the present level
of the geologico-geophysical knowledge of the Ukraine terri-
tory. Making use of charts compiled by F.A. Rudenko, G.M.
Kozlovskaya, V.T. Syabryay, K.M. Varava, R.I. Andreyeva for
individual regions and based on the results of electrosurveys
by V.I. Klushin, gravimetric investigations by S.I. Subotin
and prospecting drilling, in 1957 the authors compiled a hypso-
metric chart of the surface of the Precambrian crystalline

Card 1/2

SOV-21-58-8-16/27

Hypsometric Chart of the Surface of the Precambrian Foundation of the UkrSSR and Some Adjacent Areas

foundation of the Ukrainian SSR and certain adjacent areas on a scale of 1 : 750,000. The contemporary surface of the Precambrian foundation has a peculiarly disjointed relief which in its fundamental features accords with the features of the tectonic structure of the areas considered. There is 1 geological chart and 16 Soviet references.

ASSOCIATION: Institut geologicheskikh nauk AN UkrSSR (Institute of Geological Sciences of the AS UkrSSR)

SUBMITTED: March 18, 1958

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

1. Geology--USSR 2. Geophysics--USSR

Card 2/2

BONDARCHUK, V.G. [Bondarchuk, V.H.], akademik

Geological description of Rumania. Visnyk AN URSR no.11:41-51
N 158. (MIRA 11:12)

1. AN USSR. (Rumania--Geology)

BONDARCHUK, V.G. [Bondarchuk, V.H.]

Genetic types and stratigraphy of Quaternary sediments in the
Ukrainian S.S.R. Geol. zhur. 18 no.1:16-30 '58. (MIRA 11:5)
(Ukraine--Geology, Stratigraphic)

BONDARCHUK, V.G. [Bondarchuk, V.H.], akademik, otv.red.; MEL'NIK, G.F.
[Mel'nyk, H.F.], red.izd-va; MAZURIK, T.Ya. [Mazuryk, T.IA.],
tekh.red.

[Tectonic pattern of the Ukrainian S.S.R. and Moldavian S.S.R.;
explanatory text to the tectonic map of the Ukrainian S.S.R.
and Moldavian S.S.R. made on a 1:750000 scale] Tektonika tery-
torii Ukrain's'koi RSR ta Moldav's'koi RSR; poiasniuval'na zapyska
do tektonichnoi karty Ukrain's'koi RSR i Moldav's'koi RSR. Mashta-
bu 1:750000. Kyiv, Vyd-vo Akad.nauk URSR, 1959. 217 p. (MIRA 13:5)

1. Akademiya nauk USSR, Kiyev. Institut geologicheskikh nauk.
2. AN USSR (for Bondarchuk).
(Ukraine--Geology, Structural)
(Moldavia--Geology, Structural)

GOLOVASHCHUK, S.I. [Holovashchuk, S.I.]; SOKOLOVSKIY, I.L. [Sokolovs'kiy, I.L.]; BONDARCHUK, V.G. [~~Bondarchuk, V.G.~~], akademik, otv.red.; DYATKOVSKAYA, N.P. [Dzlatkivs'ka, N.P.], red.-leksikograf; BABINETS, A.E. [Babynets', A.IE.], kand.geol.-mineral.nauk, red.; DYADCHENKO, M.G. [Diadchenko, M.H.], kand.geol.-mineral.nauk, red.; KAPTARENKO-CHERNOUSOVA, O.K., doktor geol.-mineral.nauk, red.; NOVIK, K.O., red.; PISKORS'KA, O.K., red.; SOROCHAN, O.A., red.; USENKO, I.S., kand.geol.-mineral.nauk, red.; SHUL'GA, P.L. [Shul'ha, P.L.], doktor teol.-mineral.nauk, red.; SHTUL'MAN, I.P., red.izd-va; BUNII, R.O., tekhn.red.

[Russian-Ukrainian geological dictionary; 19000 words] Russko-ukrainskii geologicheskii slovar'. 19000 terminov. Sost.S.M. Golovashchuk i I.L.Sokolovskii. Kyiv, Izd-vo Akad.nauk USSR, 1959. 280 p. (MIRA 13:6)

1. Akademiya nauk USSR, Kiyev. 2. AN USSR (for Bondarchuk).
 3. Chlen-korrespondent AN USSR (for Novik).
- (Geology--Dictionaries)
 (Ukrainian language--Dictionaries--Russian language)
 (Russian language--Dictionaries--Ukrainian language)

BONDARCHUK, V.G., akademik, otv.red.; PORFIR'YEV, V.G., akademik, red.; KOZIN, Ya.D., doktor geol.-miner.nauk, red.; KAPTARENKO-CHERNOUSOVA, O.K., doktor geol.-miner.nauk, red.; SHUL'GA, P.L., doktor geol.-miner.nauk; KLIMENKO, V.Ya., kand.geol.-miner.nauk, red.; MOBYAVKO, G.I., kand.geol.-miner.nauk, red.; KLITOCHEENKO, I.F., red.; MUROMTSEV, A.S., red.; MUKHIN, A.V., red.; CHERPAK, S.Ye., red.; MANVELOVA, K.K., mladshiy nauchnyy sotrudnik, red.; MEL'NIK, A.F., red.izd-va; MILEKHIN, I.D., tekhn.red.

[Geology, and oil and gas potentials of eastern regions in the Ukraine; proceedings of the conference on oil and gas potentials of the Ukraine] Geologicheskoe stroenie i neftegazonosnost' vostochnykh oblastei Ukrainy; trudy nauchno-proizvodstvennogo soveshchaniia po probleme neftegazonosnosti Ukrainy, 27 fevralia - 3 marta 1956 g. Kiev, 1959. 436 p. (MIRA 13:3)

1. Akademia nauk URSS, Kiev. Instytut geologichnykh nauk.
 2. AN USSR (for Bondarchuk, Porfir'yev).
 3. Glavnyy geolog ob'yedineniya "Ukrneft'" (for Klitochenko).
 4. Direktor Ukrainskogo otdeleniya Vsesoyuznogo nauchno-issledovatel'skogo geologo-razvedochnogo neftyanogo instituta (VNIGNI) (for Muromtsev).
 5. Glavnyy inzhener tresta "Ukrneftegeofizika" (for Mukhin).
 6. Glavnyy geolog tresta "Ukrkvostoknefterazvedka" (for Cherpak).
 7. Institut geologicheskikh nauk AN USSR (for Manvelova).
- (Ukraine--Petroleum geology) (Ukraine--Gas, Natural--Geology)

BONDARCHUK, Vladimir Gavrilovich [Bondarchuk, V.H.], akademik;
RODIONOV, S.P., otv.red.; SHTUL'MAN, I.F., red.izd-va;
ROZENTSVEYG, Ye.N. [Rozentsveig, I.B.N.], khudozh.-tekhn.
red.

[Geology of the Ukraine] Geologia Ukrainy. Kyiv, Vyd-vo
Akad.nauk URSR, 1959. 831 p. (MIRA 13:5)

1. AN USSR (for Bondarchuk). 2. Chlen-korrespondent AN USSR
(for Rodionov).

(Ukraine--Geology)

BONDARCHUK, V.G.; SOLLOGUB, V.B.; KONDRACHUK, V.Yu.; KRUTIKHOVSKAYA, Z.A.;
LEBEDEV, T.S.; MIKHAYLOVA, N.P.

Surface relief of the pre-Cambrian crystalline foundation in
the Ukrainian and Moldavian S.S.R. Sov.geol. 2 no.1:41-55
Ja '59. (MIRA 12:4)

1. Institut geologicheskikh nauk AN USSR.
(Ukraine--Geology, Structural) (Moldavia--Geology, Structural)

3(5)

SOV/21-59-4-15/27

AUTHORS: Bondarchuk, V.G., Academician, AS UkrSSR; Veklich, M.F.; Romodanova, A.P.; and Sokolovskiy, I.L.

TITLE: Geomorphological Regionalization of the Ukrainian and Moldavian SSR

PERIODICAL: Dopovidi Akademii nauk Ukrain's'koi RSR, 1959, Nr 4, pp 406-411 (USSR)

ABSTRACT: The inadequacies and relative obsolescence of available geomorphological regionalization schemes of small scales of the two republics named in the title, compiled by P.A. Tutkovskiy (1932), B.L. Lichkov (1922), M.I. Dmitriyev (1936), D.M. Sobolev (1933), B.F. Dobrynin (1946), described in "Geomorphological Regionalization USSR" (1947) and of large scales compiled by V.G. Bondarchuk (1949) and S.S. Sobolev (1939), induced the authors to compile a new scheme, presented in this article. The authors subdivide the above named republics into two areas: A) the polygenous plain of the platformic character and B)

Card 1/2

Geomorphological Regionalization of the Ukrainian and Moldavian
SSR

SGV/21-59-4-15/27

the mountaneous structures of the geosyncline regions of the Carpathians and the Crimea. They consist of geomorphological regions and districts differing in geological structure, age, mode of formation and trend of relief development. Each area's regions differ in the correlation of geological features, each region's district differs by the nature of the Quaternary cover, the degree of disjunction and the presence of specific forms of the surface. The first area has 6 regions and 45 districts, the second has 2 regions and 9 districts. There is 1 geomorphological map.

ASSOCIATION: Institut geologicheskikh nauk AN UkrSSR (Institute of Geological Sciences of the AS UkrSSR)

SUBMITTED: January 20, 1959

Card 2/2

BONDARCHUK, V.G. [Bondarchuk, V.H.]; VEKLICH, M.F. [Veklych, M.F.];
ROMODANOVA, A.P.; SOKOLOVSKIY, I.L. [Sokolovs'kyi, I.L.]

Paleogeographical and depositional conditions in the Ukrainian S.S.R.
during the Quaternary period. Geol. zhur. 19 no.2:6-16 '59.

(MIRA 12:7)

(Ukraine--Geology, Stratigraphic)

(Ukraine--Paleogeography)

BONDARCHUK, V.G. [Bondarchuk, V.H.]; ZAMORIY, P.K.; SOKOLOVSKIY, I.L.
[Sokolovs'kyi, I.L.]

Crustal movements in the Ukrainian and Moldavian S.S.R. in post-
Alpine orogenesis. Geol. zhur. 19 no.4:16-20 '59.

(MIRA 13:1)
(Ukraine--Geology, Structural) (Moldavia--Geology, Structural)

BONDARCHUK, V.G. [Bondarchuk, V.H.], akademik

Program for studying the history of geology and geography in the
Ukraine. Visnyk AN URSR 30 no.5:56-59 My '59.
(MIRA 12:9)

1. AN USSR.
(Ukraine--Geological research) (Ukraine--Geographical research)

BONDARCHUK, V.G. [Bondarchuk, V.H.]

Geological sciences should contribute to the fulfillment of the seven-year plan for the development of the national economy.

Visnyk AN URSR 30 no.7:9-16 J1 '59. (MIRA 12:10)

(Ukraine--Geological research)

BARANOVA, Nataliya Mikhaylovan; MOLYAVKO, Grigoriy Ivanovich [Moliavko, H.I.]; BORISENKO, Sergey Trofimovich [Borysenko, S.T.]; BONDARCHUK, V.G. [Bondarchuk, V.H.], akademik; otv.red.; DIDKOVSKIY, V.Ya. [Didkovs'kyi, V.IA.], kand.geol.-mineral.nauk, red.; CHEKHOVICH, N.Ya. [Chekhovych, N.IA.], red.izd-va; KADASHEVICH, O.O., tekhn.red.

[Tertiary sediments in the southeastern Ukraine] Tretynni vidklady pivdenno-skhidnoi chastyny Ukrainy. Kyiv, Vyd-vo Akad.nauk URSR, 1960. 149 p. (MIRA 13:4)

1. AN URSR (for Bondarchuk).
(Ukraine--Geology, Stratigraphic)

VASILYUK, Nina Pavlovna; BONDARCHUK, V.G., akademik, otv.red.;
ZAVIRYUKHINA, V.N., red.izd-va; MATVEYCHUK, A.A., tekhn.red.

[Lower Carboniferous corals in the Donets Basin] Nizhnekamennougol'nye
korally Donetskogo basseina. Kiev, Izd-vo Akad.nauk Ukrainskoi SSR,
1960. 178 p. (Akademia nauk URSR, Kiev. Instytut geologichnykh
nauk. Seriiia stratigrafii i paleontologii. Trudy, no.13[i.e.31])
(MIRA 14:3)

1. AN USSR (for Bondarchuk).
(Donets Basin--Corals, Fossil)

KAPTARENKO-CHERNOUSOVA, OL'GA KONSTANTINOVNA; BONDARCHUK, V.G., [Bondarchuk, V.H.], akademik, otv.red.; OVCHAROVA, Z.G. [Ovcharova, Z.H.], red. izd-va; RAKHLINA, N.P., tekhn.red.

[Jurassic Lagenidae in the northeastern part of the Ukrainian S.S.R.]
IUs'ki liagenidy pivnichno-skhidnoi chastyny Ukrains'koi RSR. Kyiv,
vyd-vo Akad.nauk Ukrains'koi RSR, 1960. 120 p. (Akademiia nauk
Trudy, no.22) (MIRA 14:4)

1.AN USSR (for Bondarchuk).
(Ukraine--Foraminifera, Fossil)

AYZENVERG, D.Ye. [Aizenverg, D.IE.]; BARANOVA, N.M.; VEKLICH, M.F.;
 GOLYAK, L.M. [Goljak, L.M.]; GORAK, S.V. [Horak, S.V.];
 DIDKOVSKIY, V.Ya. [Didkova's'kiy, V.IA.]; ZELINSKAYA, V.O.
 [Zelins'ka, V.O.]; ZERNETSKIY, B.F. [Zernets'kiy, B.F.];
 KAPTARENKO-CHERNOUSOVA, O.K.; KRAYEVA, Ye.Ya. [Kraleva, IE.IA.];
 KRASHENINNIKOVA, O.V.; KUTSIBA, A.M.; LAPCHIK, T.Yu.; MAKARENKO,
 D.Ye.; MOLYAVKO, G.I. [Molisyko, H.I.]; MULIKA, A.M.; PASTERNAK,
 S.I.; PERMYAKOV, V.V.; ROMODANOVA, A.P.; ROTMAN, R.N.; SLAVIN, V.I.;
 SOKOLOVSKIY, I.L.; SOROCHAN, O.A.; SYABRYAY, V.T.; TKACHENKO, T.O.;
 SHUL'GA, P.L. [Shul'ha, P.L.], doktor geol.-mineral.nauk; YAMNICHENKO,
 I.M. [Iamnychenko, I.M.]; BONDARCHUK, V.G. [Bonderchuk, V.H.], akade-
 mik, otv.red.

[Atlas of paleogeographical maps of the Ukrainian and Moldavian
 S.S.R. with lithofacies elements. Scale 1:2,500,000] Atlas paleo-
 geografichnykh kart Ukrain's'koi i Moldav's'koi RSR z elementamy
 litofatsii. Mashtab 1:2,500,000. Sklady D.IE. Aizenverg i dr.
 Za zahal'nym kerivnytstvom V.N.Bondarchuka. Kyiv, 1960. xvi p.,
 78 col.maps. (MIRA 13:12)

1. Akademiya nauk USSR, Kiyev. Institut geologicheskikh nauk.
 2. Institut geologicheskikh nauk AN USSR (for all, except Bondarchuk,
 Pasternak, Slavin).
 3. Instytut geologii korysnykh kopalyn AN URSR
 (for Pasternak).
 4. Moskovskiy gosudarstvennyy universitet im.
 Lomonosova (for Slavin).
- (Ukraine--Paleogeography--Maps) (Moldavia--Paleogeography--Maps)

VYALOV, O.S. (SSSR); MASLOV, V.P. (SSSR); WDOWIARZ, St. (Polska);
OLEWICZ, Z.R. (Polska); NOVAK, V. (Pol'sha); SLAVIN, V.I. (SSSR)
MASLAKOVA, N.I. (SSSR); VYALOV, O.S. (SSSR); EBERZIN, A.G. (SSSR)
BONDARCHUK, V.G. (SSSR)

Participation in discussions. Mat.Karp.-Balk.assots. no.3:157-
179 '60. (MIRA 14:12)

(Carpathian Mountains-Geology)

S/262/62/000/008/004/022
I007/I207

AUTHORS: Shvets', I. T., Fedorov, V. Y. and Bondarchuk, V. G.

TITLE: Approximation methods for solving equations of heat conduction in turbine rotors

PERIODICAL: Referativnyy zhurnal, otdel'nyy vypusk. 42. Silovyye ustanovki, no. 8, 1962, 20, abstract 42.8.108. "Zb. prats'. In-t teploenerg. AN URSR", no. 18, 1960, 3-15 (Ukr. Russian res.)

TEXT: The problem of solving certain equations of nonsteady heat conduction by Sokolov and Galerkin's approximation methods is studied. Proceeding from theoretical computations, the authors plotted comparative graphs characterizing the degree of accuracy obtained by the above methods. ✓

[Abstracter's note: Complete translation.]

Card 1/1

S/008/60/020/001/001/001
BC16/B067

AUTHOR: Bondarchuk, V. G.

TITLE: Geological Movements and Their Origin

PERIODICAL: Geologichnyy zhurnal, 1960, Vol. 20, No. 1, pp. 14-16

TEXT: The text to be abstracted (pp. 14-16) is a Russian summary of the author's paper written in Ukrainian (pp. 3-14). The author discusses the geological movements as the expression of existence of the material system of the earth. The author is of the opinion that the existing classifications of these movements are not satisfactory from the physical and philosophical viewpoint. The most important features of the structure of the globe are the concentric arrangement of geospheres. They are characterized by the specific forms of coordinated simple movements which are the basis of higher forms of movements. Geological movements are a sequence of movements of the material system of the earth. The interrelations between the individual geological movements are studied in terms of the genetic and the structural point of view. The author discusses the forms of development of the earth's mass thus solving the problem of the form of the geological move-

Card 1/4

Geological Movements and Their
Origin

S/008/60/020/001/001/001
B016/B067

ments. The structural analysis of the movements explains the interrelations between the displacements causing the tectonic structures. It also reflects the structure of the lithosphere as a whole. The coordination of the forms of geological movements is established on the basis of the historical-geometrical and structural characteristics. The system is divided into a) fundamental forms b) secondary, and c) accompanying forms. The individual stage of this succession are 1) geocosmic movements - simple mechanical displacements; 2) geotectonic - more complex mechanical and physical movements to which subtectonic movements of plastic masses are bound; 3) movements of gravitation - complex mechanical displacements and physico-chemical processes 4) geochemical - very complex movements of matter penetrating the whole mass of the outer layers of the globe. Their character and direction differ according to the composition of the state of the mineral mass. In the zone of interaction between solid, liquid, and gaseous layers of the earth the geochemical movements form a transition stage towards the biological movements - the highest form of movements. According to the depth of the uppermost geosphere the geological movements are divided as follows: bathytectonics at the greatest depths. Here polar compression and equatorial extension predominate; hypotectonics at medium depths, and epi-

Card 2/4

Geological Movements and Their
Origin

S/008/60/020/001/001/001
B016/B067

tectonics in the outer layers. In the zone of hypotectonics or the terrestrial crust uplifting and depression with the following accompanying movements are the most frequent forms: sedimentation, lithification, metamorphism, magma formation, and subtectonic movements caused by depression: penetration of intrusives, volcanism, halogen tectonics, movement of the thermal solutions, and others. The author assumes magma formation as one of the forms of tectonic movements which constitutes a synthesis of the movement of geosynclinal sedimentary masses during depression. Contradictory to many other scientists who regard such phenomena as differentiation of matter, radiogenic heat, isostasy, and others as the reason of tectonic formations, the author explains them only as specific forms of geological movement. Epitectonics is the region of gravitational movements. It is characterized by a complete qualitative transformation of matter which becomes manifest by the weathered crust, denudation, and sedimentation. The chronological and spatial orientation of movements is determined by the tectonic relief and the tectonic movements. The intensity and the character of epitectonics depend on the climate which in turn constitutes one of the forms of movements of the atmosphere. The following authors are mentioned in the Ukrainian text: (pp. 3-14) M. M. Tetyayev, V. V. Belousov, S. M. Bubnov, V. E.

Card 3/4

Geological Movements and Their
Origin

S/008/60/020/001/001/001
B016/B067

Khain, B. M. Kedrov, V. Lenin, L. S. Leybenzon, F. M. Krasovskiy, B. L.
Lichkov, M. V. Stovas, S. P. Khramov, and M. S. Eygenson, I.K. Ragozin,
A. V. Khabakov, R. Van Bemmelen, S. S. Shul'ts, V. I. Popov, Li Sy-Guan.
There are 2 figures and 21 references: 17 Soviet, 1 US, 3 German.

Card 4/4

BONDARCHUK, Vladimir Gavrilovich; TKACHUK, L.G., doktor geologo-miner. nauk,
otv. red.; STAROSTENKO, T.N., red.; MATVIICHUK, A.A., tekhn. red.

[Geological monuments of the Ukraine] Geologicheskie pamiatniki Uk-
rainy. Kiev, 1961. 78 p. (Obshchestvo po rasprostraneniu politi-
cheskikh i nauchnykh znanii Ukrainskoi SSR. Ser.6, no.13-14)

(MIRA 14:11)

(Ukraine--Geology)

KAPTARENKO-CHERNOUSOVA, Ol'ga Konstantinovna; BONDARCHUK, V.G.
[Bondarchuk, V.H.], akad., otv. red.; DIDKOVSKIY, V.Ya.
[Didkovs'kiy, V.IA.], kand. geol.-min. nauk, red. vypuska;
MEL'NIK, G.F.[Mel'nyk, H.F.], red.; LISOVETS, O.M., tekhn.
red.

[Lenticulina in Jurassic sediments of the Dnieper-Donets Lowland
and the margin of the Donets Basin] Lentykulininy iurs'kykh vid-
kladiv Dniprovs'ko-Donets'koi zapadyny ta okrain Donbasu. Kyiv,
Vyd-vo Akad. nauk URSS, 1961. 104 p. tables. (MIRA 15:5)

1. Akademiya nauk USSR (for Bondarchuk).
(Dnieper-Donets Lowland--Protozoa, Fossil)
(Donets Basin--Protozoa, Fossil)

BONDARCHUK, Vladimir Gavrilovich [Bondarchuk, Volodimir Havrylovych],
akademik

You will have to rub out the "white spots." Znan. ta pratsia no.1:
1-2 Ja '62. (MIRA 15:1)

1. AN USSR.

(Research)

BONDARCHUK, Vladimir Gayrilovich; RODIONOV, S.P., otv.red.; SHTUL'MAN, I.F.,
red.izd-va; KADASHEVICH, O.A., tekhn.red.

[Basic problems relative to the tectonic movements and orogenesis]
Osnovnye voprosy tektoogenii. Kiev, Izd-vo Akad.nauk URSR 1961.
381 p. (Akademiia nauk URSR, Kiev, Instytut geologichnykh nauk.
Trudy, no.8). (MIRA 14:8)

1. Chlen-korrespondent AN USSR (for Rodionov).
(Mountains) (Geology, Structural)

BONDARCHUK, V.G., akademik, otv. red.; KOROLEVA, M.A., glav. red.;
KOCHUBEY, A.D., red.; RADUL, M.M., kand. geogr. nauk, red.;
BILYK, G.I., kand. biol. nauk, red.; GEYDEMAN, T.S., kand.
biol. nauk, red.; ZAMORIY, P.K., doktor geol.-min. nauk, prof.,
red.; KUGUKALO, I.A., kand. ekon. nauk, starshiy nauchnyy stor.,
red.; MARINICH, A.M., dotsent, red.; MUKOMEL', I.F., kand. geogr.
nauk, starshiy nauchnyy sotr., red.; PRIKHOT'KO, G.F., kand.
geogr. nauk, red.; ROMANENKO, I.N., akademik, red.; TAL'NOVA,
N.N., red.; BYUSHGENS, L.M., kand. geogr. nauk, retsenzent;
DIDKOVSKIY, I.Ya., kand. geol.-miner. nauk, retsenzent;
KEL'NER, Yu.G., kand. geogr. nauk, retsenzent; NADEZHIN, P.F.,
retsenzent; NIKISHOV, M.I., doktor tekhn. nauk, retsenzent;
PIDOPLICHKO, I.G., retsenzent; KURDINA, G.P., red.-kartograf;
RACHINSKAYA, Z.P., red.-kartograf; SLEPTSOVA, L.M., redaktor-
kartograf.

[Atlas of the Ukrainian S.S.R. and the Moldavian S.S.R.] Atlas
Ukrainskoi SSR i Moldavskoi SSR. Moskva, 1962. vi p. 90 p.
of col.maps. (MIRA 15:5)

(Continued on next card)

BONDARCHUK, V.G.---- (continued) Card 2.

1. Russia (1923- U.S.S.R.) Glavnoye upravleniye geodezii i kartografii.
2. Akademiya nauk USSR, direktor Instituta geologicheskikh nauk Akademii nauk USSR (for Bondarchuk).
3. Nachal'nik kartosostavitel'skogo tsekha fabriki No.1 (for Koroleva).
4. Zamestitel' predsedatelya Gosudarstvennogo planovogo komiteta Soveta Ministrov USSR (for Kochubey).
5. Direktor Instituta ekonomiki Akademii nauk Moldavskoy SSR (for Radul).
6. Zamestitel' direktora po nauchnoy rabote Instituta botaniki Akademii nauk USSR (for Bilyk).
7. Direktor Botanicheskogo sada Akademii nauk Moldavskoy SSR (for Geydeman).
8. Zaveduyushchiy kafedroy geomorfologii Kiyevskogo gosudarstvennogo universiteta (for Zamoriy).
9. Institut ekonomiki Akademii nauk USSR (for Kugukalo).
10. Zaveduyushchiy kafedroy fizicheskoy geografii Kiyevskogo gosudarstvennogo universiteta (for Marinich).
11. Ukrainskiy nauchno-issledovatel'skiy institut ekonomiki i organizatsii sel'skogo khozyaystva (for Mukomel').
12. Direktor Ukrainskogo nauchno-issledovatel'skogo gidrometeorologicheskogo instituta (for Prikhot'ko).

~~(Continued on next card)~~

BONDARCHUK, V.G. [Bondarchuk, V.H.]

Origin of the earth's crust. Geol.zhur. 22 no.2:7-18 '62.
(MIRA 15:4)

1. Institut geologicheskikh nauk AN USSR
(Earth--Surface)

BONDARCHUK, V. G., MOLYAVKO, G. I., and SYABRYAY, V. T. (2)

"Methods of drawing up paleographic maps and their significance for mineral prospecting"

report to be submitted for the United Nations Conference on the Application of Science and Technology for the Benefit of the Less Developed Areas - Geneva, Switzerland, 4-20 Feb 63.

BONDARCHUK, Vladimir Gavrilovich; OVCHAROVA, Z.G., red.izd-va;
MATVEYCHUK, A.A., tekhn.red.

[Tectonics of the Carpathians; with a map on a scale] Tektonika
Karpát, s kartoi masshtaba 1:1 000 000. Kiev, Izd-vo Akad.nauk
Ukrainskoj SSR, 1962. 113 p. (Akademia nauk URSR, Kiev.
Instytut geologichnykh nauk. Trudy. Serija geotektoniki,
no. 10). (MIRA 16:2)
(Carpathian Mountains--Geology, Structural)

BONDARCHUK, V. G.

Lower boundary of the Quaternary system. Trudy Kom. chetv.
per. 20:47-54 '62. (MIRA 16:1)

(Geology, Stratigraphic)

BONDARCHUK, Vladimir Gavrilovich, akademik; NEZHNI PAPA, V. Ya.
[Nezhnyypapa, V. I. A.], red.; LEBEDEV, I. P. [Lebediev, I. P.],
red. kart; MOYSEYENKO, A. G. [Moiseienko, A. H.], tekhn. red.

[Geology of the Ukrainian S. S. R.] Geologichna budova
Ukrains'koi RSR. Kyiv, Radinas'ka shkola, 1963. 372 p.
(MIRA 16:5)

1. Akademiya nauk Ukr. SSR (for Bondarchuk).
(Ukraine—Geology)

BONDARCHUK, Vladimir Gavrilovich; OVCHAROVA, Z.G., red.izd-va; DAKHNO, Yu.M.,
tekhn. red.

[Crustal structural; with a map made on a 1:27,000,000 scale.]
Struktura zemnoi kory (s kartoi masshtaba 1:27,000,000) Kiev,
Izd-vo Akad. nauk Ukrainskoi SSR, 1962. 43p. (Akademia nauk
URSR. Instyut geologichnykh nauk. Trudy. Seriya geotektoniki,
no. 12). (MIRA 16:10)

BONDARCHUK, V.G. [Bondarchuk, V.H.], akademik, glav. red.;
SYABRYAY, V.T., doktor geol.-miner. nauk, otv. red.;
SHTUL'MAN, I.F., red.

[Stratigraphy of the Ukrainina S.S.R. in eleven volumes]
Stratigrafiia URSS v odnadtsati tomakh. Holovnyi red.
V.H.Bondarchuk. Kyiv, Vyd-vo AN URSS, Vol.9. [Paleogene]
Paleogen. 1963. 318 p. (MIRA 17:6)

1. Akademiya nauk Ukr.SSR (for Bondarchuk).

AYZENVERG, David Yefremovich; BRAZHNKOVA, Nina Yevgen'yevna; NOVIK,
Yekaterina Osipovna; ROTAY, Avraam Prokhorovich, prof.; SHUL'GA,
Polina Lukinichna; BONDARCHUK, V.G., akademik, otv.red.;
ZAVIRYUKHINA, V.N., red.izd-va; KADASHEVICH, O.A.; tekhn.red.

[Stratigraphy of Carboniferous sediments in the Donets Basin]
Stratigrafiia kamennougol'nykh otlozhenii Donetskogo basseina.
Kiev, 1963. 182 p. (Akademia nauk URSR. Institut geologichnykh
nauk. Seriiia stratigrafii i paleontologii. Trudy, no.37).

(MIRA 16:12)

1. AN UkrSSR (for Bondarchuk).

BONDARCHUK, V.S. [Bondarchuk, V.H.]

Tectonics of the earth's outer envelope. Geol. zhur. 23 no.4:
3-11'63 (MIRA 17:7)

1. Institut geologicheskikh nauk AN UkrSSR.

CHEBANENKO, Ivan Il'ich; BONDARCHUK, V.G., akademik, otv. red.; OVCHAROVA, Z.G., red.

[Problems of the fold belts of the earth's crust in the light of block tectonics.] Problema skladchatykh poiasov zemnoi kory v svete blokovoï tektoniki. Kiev, Izd-vo "Naukova dumka, "1964. 142 p. (Akademiia nauk URSR, Kiev. Instytut geologichnykh nauk. Trudy, no. 16)

1. AN UkrSSR (for Bondarchuk).

CHUBANENKO, Ivan Il'ich; BONDARCHUK, V.G., akademik, otv. red.

[Basic characteristics of the fault tectonics of the earth's crust and its problems] Osnovnye zakonomernosti razlicnoi tektoniki zemnoi kory i ee problemy. Kiev, Izd-vo AN URSS, 1963. 152 p. (MIRA 18:6)

1. Rukovoditel' otdela geotektoniki Instituta geologicheskikh nauk AN Ukr.SSR (for Bondarchuk).

BONDARCHUK, V.G. [Bondarchuk, V.H.]

Tectosphere (interference of the mantle and earth's crust).
Geol. zhur. 24 no.4:23-35 '64. (MIRA 18:2)

1. Institut geologicheskikh nauk AN UkrSSR.

BONDARCHUK, V.G., akademik, otv. red.; SHELKOPLYAS, V.M., red.;
MEL'NIK, A.F., red.

[Materials on the Quaternary period of the Ukraine] Materialy
po chetvertichnomu periodu Ukrainy. Kiev, Naukova dumka,
1965. 328 p. (MIRA 18:9)

1. Akademiya nauk URSR, Kiev. Komitaya vyvchannya chetvertyn-
noho periodu. 2. Akademiya Nauk Ukr. SSR Institut geologicheskikh
nauk (for Bondarchuk).

BONDARCHUK, V.P., mashinist teplovosa

Diesel locomotiv. engineer V.P. Bondarchuk shares his experience.
Elek. i tepl. tiaga 2 no.9:31 S '58. (MIRA 11:10)

1. Depo Chelkar, Kazakhskaya doroga.
(Diesel locomotives--Electric equipment)

ROZENTAL', F.A.; VINOGRADOVA, N.A.; BONDARCHUK, V.M.; PIDORCHENKO, V.F.

System for rapid drying of processed motion-picture films.

Trudy NIKFI no.45:33-49 '62.

(MIRA 15:9)

(Motion-picture photography--Films) (Drying)

Bondarchuk, Ye. A.

VERZHKHOVSKAYA, A.A.; BONDARCHUK, Ye.A.; LIKHTOROVICH, S.A.

Data on conditions of appearance of complications in scarlet fever
and their prevention. *Pediatrics*, Moskva no.6:41-45 Nov-Dec 1953.
(GIML 25:5)

1. Of the Third Clinical Division (Head -- Prof. I. L. Bogdanov),
Institute of Infectious Diseases (Director -- Prof. I. L. Bogdanov),
Academy of Medical Sciences USSR.

BONDARCHUK, Ye. V.

MAR'YASHEVA, A.M., dotsent; VIERZHKHOVSKAYA, A.A., kandidat meditsinskikh nauk; ~~BONDARCHUK, Ye. V.~~

Hematological data as supporting criteria for cure in scarlet fever.
Pediatria no.6:56-59 N-D '54. (MLRA 8:4)

1. Iz 3-go klin. otdel. (zav.-prof. I.L.Bogdanov) Insituta infekts. bolezney AMN SSSR.

(SCARLET FEVER, blood in
hematol. data as criteria of cured dis.)

(BLOOD, in various diseases
scarlet fever, criteria of cured dis.)

BONDARCZUK, L.

POLAND/Chemical Technology. Chemical Products and Their
Application. Artificial and Synthetic Fibers.

H

Abs Jour: Ref Zhur-Khim., No 13, 1958, 45291.

Author : Bondarczuk L.

Inst : Textile Institute.

Title : Investigation of the Degree of Orientation of Cellulose
Fibers by the Method of Roentgenoscopy.

Orig Pub: Przem. włokienniczy, 1957, 11, No 2, Biul. Inst.
włokiennictwa, 4.

Abstract: No abstract.

Card : 1/1

POLAND / Chemical Technology. Artificial and Synthetic Fibers. H-32

Abs Jour: Ref Zhur-Khimiya, No 23, 1958, 79828.

Author : Bondarczuk, L.

Inst : Not given.

Title : Orientation of Crystallites in Polyamide Fiber of the Steelon Type.

Orig Pub: Przem. włokienniczy, 1957, 11, No 10, Biul. inst. włokienn., 19.

Abstract: No abstract.

Card 1/1

106

BONDARZENK, Leslawa

Trends of studies carried on in the Institute of the Textile
Industry on the utilization of isotopes. Przegl włókien 18
no.12:Suppl:Biul inst włokien 16 no.6:3-5 D '64.

BONDARD, S.A.; SPASOMUKOTSKIY, N.S.; PRUGLO, N.V.

Effect of polymeric bases on the fixing of acid dyes in gelatin layers. Report No.1: Methodology for the study of the fixing action of polymeric bases. Zhur. nauch. i prikl. fot. i kin. 10 no.4:286-291 JI-Ag '65. (MIRA 18:7)

1. Vsesoyuznyy nauchno-issledovatel'skiy kinofotoinstitut (NIKFI).

YEVSEYEV, S. [IEvsisiev, S.], doktor tekhn.nauk, prof.; YURKEVICH, O.
[Iurkevych, O.], kand.fiz.-matem.nauk; BONDARENKO, A., kand.
geol.-mineral.nauk; KRUGLYAKOVA, G. [Kruhliakova, H.], kand.
geol.-mineral.nauk

Planet as a research laboratory. Nauka i zhyttia 12 no.4:11-14
Ap '62.

(Geophysics)

1. ASTVATSATUROV, G.; BONDARENKO, A.
2. USSR (600)
4. Cranks and Crankshafts
7. Contrivances for disassembling and assembling the crankshaft of the PD-10 engine. Tekhsov. MTS. 13 no.41/42, 1952

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

BONDARENKO, A.; KUZNETSOV, I.

Regulating the management of industrial enterprises. *Biul.nauch.*
inform.: trud i zar.plata no.11:14-20 '59. (MIRA 13:5)
(Industrial organization)

BONDARENKO, A. kandidat tekhnicheskikh nauk (Kiyev)

Elastic properties of activated concrete. Atroi.mat. 3 no.1:35 Ja '57.
(Concrete) (MIRA 10:3)

TERENETSKIY, K., prof., doktor tekhn.nauk; BONDARENKO, A., kand.tekhn.
nauk; RUDENKO, D., prof.; GRIBNIKOV, S.

Letter to the editor. Avt.dor. 20 no.12:33 D '57.

(MIRA, 12:4)

1. Nachal'nik Tekhnicheskogo upravleniya Minavtoshosdora USSR
(for Gribnikov).

(Road materials)

BONDARENKO, A.

Organizing the work of the Office for Promotion of Industrial Efficiency
and Inventions. Izobr.i rats. no.2:28-30 F '59. (MIRA 12:3)

1. Nachal'nik Byuro sodeystviya ratsionalizatsii i izobretatel'stvu
Khar'kovskogo zavoda transportnogo mashinostroyeniya imeni Malysheva.
(Suggestion systems)

BONDARENKO, A., kand.tekhn.nauk

Effect of road conditions on the efficiency of automotive
transportation. Avt.transp. 39 no.3:30-32 Mr '61.(MIRA 14:3)
(Transportation, Automotive)

BONDARENKO, A., polkovnik, delegat XXII s"yezda Kommunisticheskoy partii
~~Sovetskogo Soyuz~~

With the program in our hearts. Starsh.-serzh. no.1:2-3 Ja '62.
(MIRA 15:4)

(Communist Party of the Soviet Union--Congresses)
(Russia--Armed forces)

BONDARENKO, A.; FAUSTOV, V., agronom-pitomnikovod

Coccomyces infection of sour and sweet cherries. Zashch. rast.
ot vred. 1 bol. 10 no.7:52-53 '65. (MIRA 18:10)

1. Moldavskiy filial Vsesoyuznogo nauchno-issledovatel'skogo instituta zashchity rasteniy, Kishinev (for Bondarenko).
2. Sovkhoz "Pamyat' Il'icha", Moskovskoy oblasti (for Faustov).

VOYTOVICH, K.; NAYDENOVA, I.; KROPIS, E.; NEDOV, P.; BONDARENKO, A.;
FILATOVA, I.

Immunity of fruit plants and grapes. *Zashch. rast. ot vred. i*
bol. 10 no.10:21-23 '65. (MIRA 18:12)

1. Moldavskiy institut sadovodstva, vinogradarstva i vinodeliya
i Kishinevskiy sel'skokhozyaystvennyy institut.

BONDARENKO, A.A. (Kiyev)

Determining dissipation characteristics in systems having links
made of glass-reinforced plastics. Prykl.mekh. 8 no.4:394-397
'62. (MIRA 15:9).

1. Institut mekhaniki AN USSR.
(Elastic solids—Vibration)

OZERYANSKAYA, R.T., dots., BONDARENKO, A.A.

Experience with streptomycin therapy in tuberculous meningitis in children without subarachnoid administration [with summary in French]
Probl.tub. 36 no.5:64-69 '58
(MIRA 11:8)

1. Iz kafedry detskikh bolezney (zav. - prof. S.F. Shirokov).
Kubanskogo meditsinskogo instituta (dir. - prof. V.K. Suprunov)
na baze Detskoy klinicheskoy bol'nitsy Krasnodara (glavnyy vrach
N.A. Valova).

(TUBERCULOSIS, MENINGEAL, in inf. & child.
ther., streptomycin, without subarachnoid admin. (Rus))

BONDARENKO, A.A., inzh.

Stand for preparing and packing electric insulation in grooves.
Vest.elektroprom. 32 no.8:63-64 Ag '61. (MIRA 14:8)
(Electric motors, Induction)

37687

S/198/62/008/003/007/008
D407/D301

24.4100
AUTHOR:

Bondarenko, A.A. (Kyyiv)

TITLE:

Direct method of determining the damping factor of the constraints of an oscillatory mechanical system

PERIODICAL: Prykladna mekhanika, v. 8, no. 3, 1962, 312 - 315

TEXT: A new, direct, method is proposed for determining the damping factor in mechanical systems. The method involves measurement of the tangent of the phase lag angle (between the displacement and the velocity of the oscillatory system). The method permits determining the intensity of the dissipated energy, without prior knowledge of any specific dissipation law. It is noted that the quantitative determination of internal friction is important for plastic materials. The general case is considered, the damped oscillations being described by the equation

$$x = \varphi(t) \sin \omega t. \tag{6}$$

After a substitution, one obtains the expression for the velocity

Card 1/3

Direct method of determining the ...

S/198/62/008/003/007/008
D407/D301

$$\dot{x} = a \omega \sin[\omega t + (\frac{\pi}{2} + \theta)] \quad (9)$$

which shows that the velocity phase precedes the displacement phase by the angle $(\frac{\pi}{2} + \theta)$. By integration, one obtains the equation for the amplitude $\varphi(t)$ of damped oscillations. Hence one obtains the following general formula for the damping factor

$$h = \frac{\omega \int_0^t \text{tg } \theta(t) dt}{t} \quad (13)$$

where $\int_0^t \text{tg } \theta(t) dt$ is the area bounded by the coordinate axes $\text{tg } \theta$ and t , and by the curve which describes the variation of $\text{tg } \theta(t)$. Further, an expression is derived for the internal resistance

$$F(t) = \varphi(0) m \omega e^{-\omega \int_0^t \text{tg } \theta(t) dt} \{ [1 + (1 - \omega) \text{tg}^2 \theta] \sin \omega t + 2\omega \text{tg } \theta \cos \omega t \} \quad (16)$$

where $\varphi(0)$ is the initial value of the amplitude; ω - the frequency
Card 2/3

GALAKA, P.I. [Halaka, P.I.] (Kiyev); BONDARENKO, A.A. (Kiyev)

Dissipation properties of plastics. Prykl.mekh. 7 no.4:451-454
'61. (MIRA 14:9)

1. Institut mekhaniki AN USSR.
(Plastics--Vibration)

41600
S/021/62/000/009/007/008
D234/D308

11.2314
AUTHOR:

Bondarenko, A.A.

TITLE:

A dynamic (frequency) method for determining the modulus of elasticity of glassy plastics

PERIODICAL:

Akademiya nauk Ukrayins'koyi RSR. Dopovidi, no. 9, 1962, 1184 - 1186

TEXT: The author finds that the usual method of determining E by means of flexural vibrations is not accurate because the stressed state of the specimen is not homogeneous. He proposes that E should be determined by means of longitudinal vibrations of a system of one degree of freedom, with the natural frequency. The latter is $\omega = \sqrt{c/m}$, where m is the mass of the vibrating load and $c = EF/l$, so that $E = \omega^2 ml/F$. The author obtained by this method for the glassy plastic АГ - 4С(АГ-4S) $E = 1.09 \times 10^5$ kg/cm². The ultrasound method gave the same value and measurement with Martens' instrument 1.01×10^5 .

ASSOCIATION: Instytut mekhaniky AN URSR (Institute of Mechanics, AS UkrSSR)

Card 1/2

X