

S/653/61/000/000/005/051
I042/I242

The application of plastics....;

strength is 1220 kg/cm², tensile strength - 416 kg/cm², flexing strength - 791 kg/cm². The Khar'kovskiy zavod zubovrachebnykh materialov (Kharkov Plant of Dental Materials) has produced a universal plastic ACT-T (AST-T) which can be used for sealing defects in metals. Organic glass (plexiglas) replaces silicate glass in many applications, such as protective visor's. Bituminous cements find wide use in coats for acid baths.

Card 2/2

ZAMORIN, Ye.

ZAMORIN, Ye., inzh.

Trough-type irrigation. Nauka i pered. op. v sel'khoz. 8 no.1:43-44
Ja '58. (MIRA 11:2)

(Irrigation)

ZAMORIN, Ye. V.: Master Agric Sci (diss) -- "Soil-improvement conditions and the effectiveness of using a trough-type irrigation network under the conditions of a slightly sloping region (the example of the Sovkhoz 'Pakhta-Aral')". Moscow, 1958. 15 pp (Min Agric USSR, All-Union Sci Res Inst of Hydraulic Engineering and Soil Improvement im A. N. Kostyakov), 110 copies (KL, No 7, 1959, 127)

LEONT'YEV, M.N.; pr'incipalni uchastiye: BAKINA, K.V.; KISELEVA, O.M.;
KRAVETS, Ye.A.; KARLOVA, S.A.; DUBNOVA, S.S.; SEMENYAKO, A.G.;
ZAMORINA, Z.T.; MILANINA, Ye.F.; KOZEL'SKAYA, O.P.; VASIL'KOVA,
Z.I.; ZOTOV, S.N.; YERMOLOV, A.I.; BEZLYUDNAYA, V.V.; NAZAROV,
B.A.; ASHIKMINA, V.M.; ASYAKINA, A.N.; TROITSKAYA, B.I.;
SKVORTSOV, A.V., red.; LESHAKOV, I.T., tekhn. red.

[The economy of Orlov Province; a statistical manual] Narodnoe
khoziaistvo Orlovskoi oblasti; statisticheski sbornik. Orel,
Gosstatizdat, 1960. 281 p. (MIRA 14:5)

1. Orel(Province) Statisticheskoye upravleniye. 2. Zamestitel'
nachal'nika statisticheskogo upravleniya Orlovskoy oblasti
(for Leont'yev). 3. Statisticheskoye upravleniye Orlovskoy ob-
lasti (for all except Leshakov) 4. Nachal'nik statisticheskogo
upravleniya Orlovskoy oblasti (for Skvortsov)
(Orlov Province—Statistics)

1ST AND 2ND CODERS

PROCESSES AND PROPERTIES INDEX

3RD AND 4TH CODERS

CA

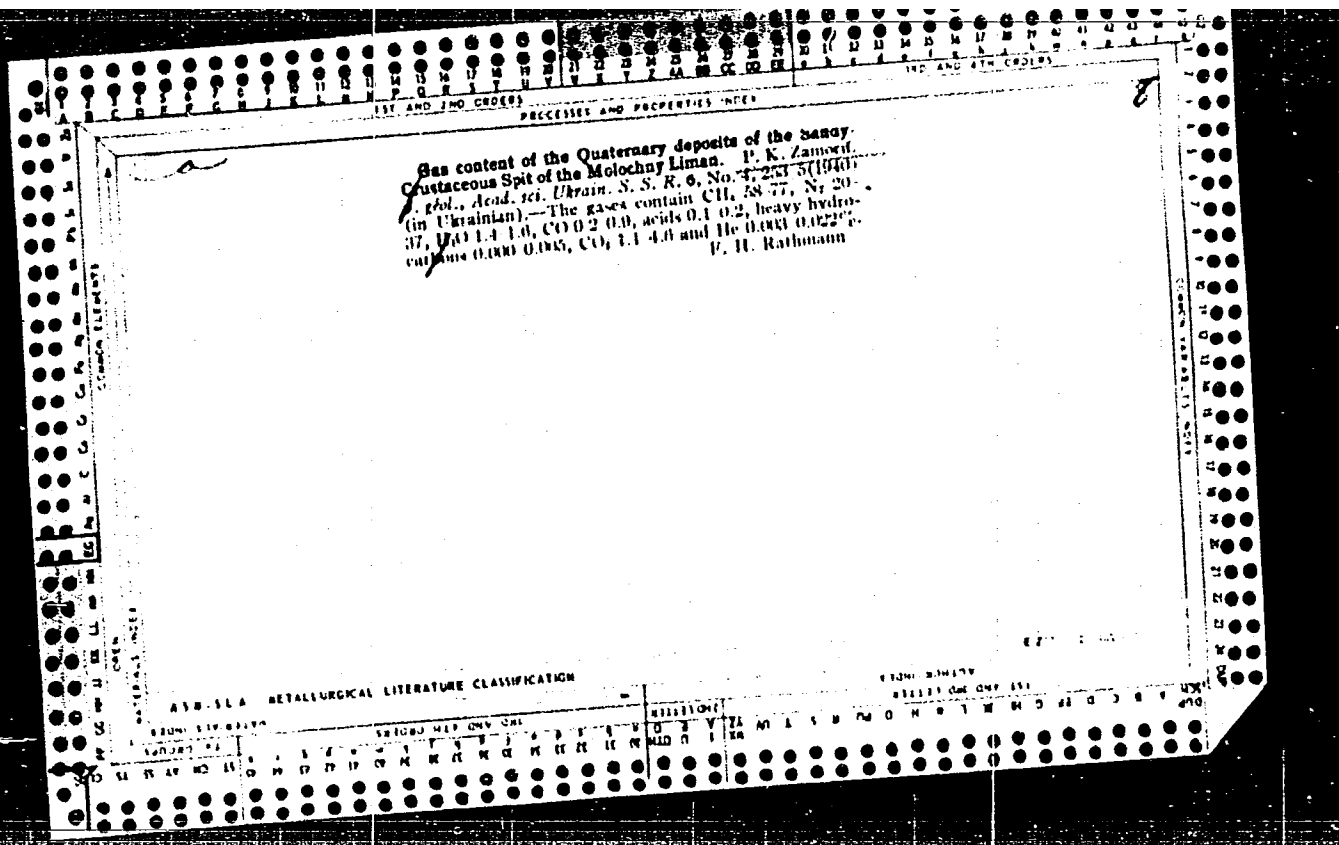
Eocene deposits in the Volodarsk-Volhynia district of the Zhitomir region. P. K. Zamoril, *J. Geol. Acad. Sci. Ukrain. S. S. R.* 7, No. 1-2: 235-7 (1940) (in Ukrainian).—The Shlakhsvoi clays contain up to 14% strom. 2% tourmaline, 5% rutile, 1% kyanite, 3% sillimanite, 2% staurolite and 1.3% epidote. F. H. Rathmann

ASB.SLA METALLURGICAL LITERATURE CLASSIFICATION

1ST AND 2ND CODERS

3RD AND 4TH CODERS

5TH AND 6TH CODERS



USSR/Soil Science - Soil Genesis and Geography.

J

Abs Jour : Ref Zhur Biol., No 1, 1959, 1315

Author : Zamoriy, P.K.

Inst : Kiev University

Title : Buried Soils in Loess Stratum of the Ukrainian SSR

Orig Pub : Nauk. zap. Kiivs'k. univ., 1957, 15, No 10, 17-21

Abstract : In loess deposits of the Ukraine there were encountered buried chestnut soil, chernozem (south, middle, thick, and extra thick), gray forest soils, podzolic and meadow-bog soils. These types of soils had a regional as well as a latitudinal and vertical distribution and could serve as an excellent criterion for stratigraphic differentiation of loess strata and the study of the genesis of loess deposits.

Card 1/1

ZACHORNY, P.K.

Stratigraphy of Quaternary sediments in the Ukrainian S.S.R.
Vistnyk Kyiv.un.Ser.geol.ta geog. no.1:111-123 '58.

(MIRA 12:10)

(Ukraine--Geology, Stratigraphic)

ZAMORIIY, F. K.

Zamoriy, F. K. "On the problem of the movement of the earth's crust during the Quaternary period in the Ukraine", Geol. zhurnal, Vol. IX, Issue 4, 1948, p. 70-87, (In Ukrainian; resume in Russian), - Bibliog: 54 items.

SO: U-3261, 10 April 53, (Letopis 'Zhurnal 'nykh Statey, No. 11, 1949).

ZAMORIY, P. K.

Zamoriy, P. K.- "The buried peat bogs of the Ukraine," Nauch. Zapiski gos. un-t im. Shevchenko), vol. VII, Issue 5, 1948, p. 169-215 (In Ukrainian, resume in Russian), - Bibliog: 49 items

SO: U-4934, 29 Oct 53, (Letopis 'Zhurnal 'nykh Statey, No. 16, 1949).

ZAMORIY, P. K.

33053

K Voprosu o vremeni obrazovaniy, B ugskogo limana. Doklady Akad. Nauk ukr. SSR, 1949, No 4, c. 11-14- Na ukr. yaz- Reyume na Rus. Yaz- Bibliogr: 7 Nazv.

SO: Letopis' Zhurnal'nykh Statey, Vol. 45. Moskva, 1949

1. ZAMORIY, P. K.
2. USSR(600)
4. Hydroelectric power stations
7. Task of the geologists of the Ukrainian S. S. R. in the construction of the gigantic hydroelectric structures, Visnyk URSR 23 No. 3 1951

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

ZAMORII, P.K.

✓ New data on the discovery of volcanic ashes in layers of
 Quaternary deposits of Ukraine, S.S.R. P. K. Zamoril,
 and T. O. Tkachenko, *Dopovid Akad. Nauk Ukr. R.S.S.R.* No. 1
 1955, 21-4 (Russian summary).—Description of a volcanic
 ash deposit of the Quaternary nature on the left bank of the
 Dniester River in the Ukraine. Chem. analysis of the mate-
 rial showed: SiO₂ 64.22; TiO₂ 0.27; Al₂O₃ 17.44; Fe₂O₃
 3.56; FeO 1.48; MnO 0.16; MgO 0.83; CaO 2.10; Na₂O
 4.14; K₂O 6.28%. The principal constituent of the mineral
 matter is volcanic glass in the form of thin lamellas and
 needles.

M. O. Holowaty

Geol. Inst., Acad. Sci. Ukr. SSR.

ZAMORIY, P.K., professor.

Red-brown clays in the Ukrainian S.S.R. Pratsi Kyiv, un. 2:199-211
'54. (MIRA 10:1)

(Ukraine--Clay)

ZAMORIY, P.K., professor; DIDEKOV'S'KIY, V.Ya., starshiy naukoviy
spivrobіtnik.

Geomorphology of the Uzh Valley (right bank tributary of the
Fripet). Nauk.zap.Kiev.un. 13 no.3:195-205 '54. (MLRA 9:10)

(Uzh Valley--Physical geography)

ZAHORII, P.K., professor; vidpovidal'nyy redaktor; MARINICH, O.M., dotsent, redaktor; MUKOMEL', I.F., dotsent, redaktor; NAZAROV, V.O., professor, redaktor; POCHUBNYAK, P.S., professor, redaktor; POPOV, V.P., professor, redaktor; FYARTLI, K.P., dotsent, redaktor

[Papers on the nature and agriculture of the Ukrainian Polesye]
Narysy pro pryrodu i sil's'ke hospodarstvo Ukrain's'koho Polissia.
[Kyiv] Vyd-vo Kyivs'koho derzh.univ.in, T.H.Shevchenka, 1955,
529 p. (MLRA 10:7)

1. Kiyev. Universitet.
(Polesye--Agriculture)

Translation from: Referativnyy zhurnal, Geologiya, 1957, Nr 12, 15-1957-12-16974
p 41 (USSR)

AUTHOR: Zamoriy, P. K.

TITLE: Quaternary Deposits in the Ukrainian Poles'ye (Chet-
vertichnyye otlozheniya Ukrainского Poles'ya) Ukrainian,
Summary Russian.

PERIODICAL: V sb: Narisi pro prirodu i sil's'ke gospodarstvo Ukr.
Polissya. Kyiv Un-t, 1955, pp 45-90

ABSTRACT: Bibliographical entry

Card 1/1

BURKSER, Yevgeniy Sanyolovich; ZAMORIY, Petr Konstantinovich; ROMODANOVA, Ada Petrovna; BURKSER, Vasilisa Vasil'yevna, POLOVKO, Ivan Kirillovich; KUL'SKAYA, Ol'ga Adol'fovna; Zaydis Bronya Borisovna; BONDARCHUK, Y.G., otvetstvennyy redaktor; LYSENKO, F.K., redaktor izdatel'stva; ZHUKOV-SKIY, A.D., tekhnicheskyy redaktor

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

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

ZAMORIY, P.K. [Zamoryi, P.K.]

Geomorphological study of the irrigated region in the southern
Ukraine. Geog.zbir. no.1:113-132 '56. (MIRA 12:7)
(Ukraine--Physical geography)

ZAMORIY, P.K.

Translation from: Referativnyy zhurnal, Geologiya, 1957, Nr 1,
p 28 (USSR) 15-57-1-199

AUTHOR: Lysenko, M. P.

TITLE: Conference on the Loess Formations of the Ukrainian SSR
(Kiyev, June 16 through July 1, 1955) [Soveshchaniye
po lessovym porodam Ukrainskoy SSR (g. Kiyev, 16 iyunya-
1 iyulya 1955 g.)]

PERIODICAL: Vestn. Leningr. un-ta, 1956, Nr 12, pp 113-115

ABSTRACT: The purpose of this conference consisted of a thorough
investigation of a large quantity of data on the loess
formations in the Ukrainian SSR; establishment of the
main goals and problems to be solved in the future; a
general interchange of ideas on the subject of loess.
A general report entitled "Loess in the Southwestern
Part of the Russian Plain" was delivered by Professor
P. K. Zamoriy (Kiyev University).

Card 1/1

T. A. G.

ZAMORII, P.K.

POLOVKO, Ivan Kirillovich, professor; ZAMORII, P.K., professor, otvetstvennyy redaktor; POLOTAY, A.M., redaktor; KHOKHANOVSKAYA, T.I., tekhnicheskii redaktor.

[Great and small phenomena of nature] Velikie i malye iavlenia prirody. [Kiev] Izd-vo Kievskii gos.univ.im.T.G.Shevchenko, 1957. 30 p. (MLRA 10:6)
(Geophysics)

Country : USSR

J

Category: Soil Science. Soil Genesis and Geography.

Abs Jour: RZhBiol., No 14, 1958, No 63021

Author : Zamoriy, P.K.

Inst : ~~Inst.~~ of Geological Sciences. A.S. USSR

Title : Loess Formations of the Southwestern Part of the Russian Plain.

Orig Pub: Tr. In-ta geol. nauk AN VSSR. Ser. geomorfol. i chetvertichn. geol. 1957, vyp. 1, 9-21

Abstract: Features of the occurrence of loess deposits from the Rhine River (FRG) to the Huang-he River in China are examined. Hypotheses for the eolian and water mode of formation of the loess are reviewed. There are examined genetic types of the loess, the breakdown of the loess mass by the mineral soils into

Card : 1/2

J-5

SOV/14-57-12-25516
Translation from: Referativnyy zhurnal, Geografiya, 1957, Nr 12,
p 23 (USSR)

AUTHOR: Zamoriy, P. K.

TITLE: Buried Soils in the Loess Stratum of the Ukrainian SSR
(Pokhovani grunty v lesoviy tovshchi URSR -- in
Ukrainian; Russ. summary)

PERIODICAL: Nauk. zap. Kyyivs'k. un-t, 1957, Vol 15, Nr 10, pp 17-
21

ABSTRACT: Thickest loess cover and greatest amount of buried
soils are found in the lower regions which tended to
subside epeirogenetically during the Quaternary period.
The soils buried in the loess stratum of the Ukrainian
SSR are distributed locally. Chestnut, southern,
central and degraded chernozems, gray forest soils
and podzols are found among them. All these soils ex-
hibit both vertical and horizontal zoning. The author

Card 1/2

Buried Soils in the Loess Stratum (Cont.)

SOV/14-57-12-25516

believes that buried soils with well-formed genetic horizons should be correlated stratigraphically. Paleo-pedological observations, supported by dust analyses, show that climates and morphology altered during the Quaternary period, and that these changes influenced the formation of the buried soils.

Card 2/2

M. G. B.

ZAMORIY P.K.

VEKLICH, M.F. [Veklych, M.F.]; DYADCHENKO, M.G. [Diadchenko, M.H.];
ZAMORIY, P.K. [Zamoryi, P.K.]; ROMODANOVA, A.P.; KHATUNTSEVA, A.Ya.
[Khatuntseva, A.IA.]

Principal characteristics of the geology of Ukrainian placers.
Geol. zhur. 17 no.3:40-47 '57. (MIRA 11:2)
(Ukraine--Ore deposits)

AYZENVERG, D.Ye., geolog; BALUKHOVSKIY, N.F., geolog; BARTOSHEVSKIY, V.I., geolog; BASS, Yu.B., geolog; VADIMOV, N.T., geolog; GLADKIY, V.Ya., geolog; DIDKOVSKIY, V.Ya., geolog; YERSHOV, V.A., geolog; ZHUKOV, G.V., geolog; ZAMORIY, P.K., geolog; IVANFISHIN, M.N., geolog; KAPTARENKO-CHERNOUSOVA, O.K., geolog; KLIMENKO, V.Ya., geolog; KLUSHIN, V.I., geolog; KLYUSHNIKOV, M.N., geolog; KRASHENINNIKOVA, O.V., geolog; KUTSYBA, A.M., geolog; LAPCHIK, F.Ye., geolog; LICHAK, I.L., geolog; MAKUKHINA, A.A., geolog; MATVIYENKO, Ye.M., geolog; MEDYNA, V.S., geolog; MOLYAVKO, G.I., geolog; NAYDIN, D.P., geolog; NOVIK, Ye.O., geolog; POLOVKO, I.K., geolog; RODIONOV, S.P., geolog; SEMENENKO, N.P., akademik, geolog; SERGEYEV, A.D., geolog; SIROSHTAN, R.I., geolog; SLAVIN, V.I., geolog; SUKHAREVICH, P.P., geolog; TKACHUK, L.G., geolog; USENKO, I.S., geolog; USTIKOVSKIY, Yu.B., geolog; TSAROVSKIY, I.D., geolog; SHUL'GA, P.L., geolog; YURK, Yu.Yu., geolog; YAMNICHENKO, I.M., geolog; ANTROPOV, P.Ya., glavnyy redaktor; FILIPPOVA, B.S., red. izd-va; GURKOVA, O.A., tekhn.red.

[Geology of the U.S.S.R.] Geologia SSSR. Glav. red. P.IA. Antropov. Vol.5. [Ukrainian S.S.R., Moldavian S.S.R.] . Ukrainskaia SSR, Moldavskaiia SSR. Red. V.A. Ershov, N.P. Semenenko. Pt.1. [Geological description of the platform area] Geologicheskoe opisaniie platformnoi chasti. Moskva, Gos. nauchno-tekhn.izd-vo lit-ry po geol. i okhrane nedr. 1958. 1000 p. [__ Supplement] __ Prilozheniia.
(Continued on next card)

AYZENVERG, D.Ye.---(continued) Card 2.

3 fold.maps (in portfolio)

(MIRA 12:1)

1. Russia (1923- U.S.S.R.) Glavnoye upravleniye geologii i okhrany neдр. 2. Ukrainskoye geologicheskoye upravleniye Ministerstva geologii i okhrany neдр SSSR i Institut geologicheskikh nauk Akademii nauk USSR (for all except Antropov, Filippova, Gurova).
3. Glavnyy geolog Ukrainskogo geologicheskogo upravleniya (for Yershov).
4. AN Ukrainskoy SSR (for Semenenko).
(Ukraine--Geology) (Moldavia--Geology)

ZAMORIY, P.K.; MARINICH, A.M.; SHCHERBAKOVA, M.V.

Review of "Geomorphology of the European part of the U.S.S.R."
by M.V.Karandsev. Reviewed by P.K.Zamorii, A.M.Marinich, M.V.
Shcherbakova. Nauch.dokl.vya.shkoly; geol.-geog.nauki no.2:
227-228 '59. (MIRA 12:8)
(Geology, Structural)

POPOV, V.P., prof., otv. red.; BOGATYR, T.K., red.; DIBROVA, O.T.,
prof., red.; ZAMORIY, P.K., prof., red.; MARYNICH, O.M.,
doktor geogr. nauk, red.; POGREBNIYAK, P.S. [Pohrebniak,
P.S.], akademik, red.; PYSHKIN, B.A., red.; STAROVOYTENKO,
I.P. [Starovoitenko, I.P.], kand. geogr. nauk, red.;
KHARCHENKO, A.S., dots., red.; MEL'NIK, G.F. [Mel'nyk, H.F.],
red.izd-va; TURBANOVA, N.A., tekhn. red.

[Materials on the meteorology and hydrology of the Ukraine]
Materialy z meteorologii i gidrologii Ukrainy. Kyiv, Vyd-
vo AN URSR, 1963. 140 p. (MIRA 16:10)

1. Akademiya nauk URSR, Kiev, Ukrain's'ke geografichne to-
varystvo. 2. AN Ukr.SSR (for Pogrebnyak). 3. Chlen-korres-
pondent AN Ukr.SSR (for Pyshkin).
(Ukraine--Meteorology) (Ukraine--Hydrology)

POPOV, V.P., prof., otv. red.; BOGATYR, T.K. [Bohatyr, T.K.], red.;
DIBROVA, O.T., prof., red.; ~~ZAMORII, P.K.~~ [Zamorii, P.K.],
prof., red.; MARINICH, O.M. [Marynich, O.M.], doktor geogr.
nauk, red.; POGREBNIYAK, P.S. [Pohrebniak, P.S.], akademik,
red.; PYSHKIN, B.A., red.; STAROVOYTENKO, I.P.
[Starovoitenko, I.P.], kand. geogr. nauk, red.; KHARCHENKO,
A.S., dots., red.; MEL'NIK, G.F. [Mel'nyk, H.F.], red. izd-va;
TURBANOVA, N.A., tekhn. red.

[Materials on the meteorology and hydrology of the Ukraine]
Materialy z meteorologii i gidrologii Ukrainy. Kyiv, Vyd-vo
AN URSR, 1963. 140 p. (MIRA 16:8)

1. Akademiya nauk URSR, Kiev. Ukrain's'ke geografichne tova-
rystvo. 2. AN Ukr.SSR (for Pogrebnyak). 3. Chlen-korrespondent
AN Ukr.SSR (for Pishkin).
(Ukraine--Meteorology) (Ukraine--Hydrology)

ZAMORIY, P. K.; MOLYAVKO, G. I.

Status of the boundary between the Tertiary and Quaternary
in the Ukrainian S.S.R. Trudy Kom. chetv. per. 20:170-172
'62. (MIRA 16:1)

(Ukraine--Geology, Stratigraphic)

ZAMORIY, P.K., prof.; KHARCHENKO, A.S., dotsent

Work report of the Ukrainian Geographical Society for 1960.
Geog. zbir. no.6:201-207 '62. (MIRA 15:9)

1. Prezident Ukrainskogo geograficheskogo obshchestva (for Zamoriy). 2. Glavnyy uchenyy sekretar' Ukrainskogo geograficheskogo obshchestva (for Kharchenko).
(Ukraine—Geographical societies)

ZAMORIY, P.K., prof.; KHARCHENKO, A.S., dotsent

Resolutions of the Academic Council of the Ukrainian Geographical Society. Geog. zbir. no.6:209-211 '62. (MIRA 15:9)

1. Prezident Ukrainskogo geograficheskogo obshchestva (for Zamoriy).
 2. Glavnyy uchenyy sekretar' Ukrainskogo geograficheskogo obshchestva (for Kharchenko).
- (Ukraine—Geographical societies)

ZAMORIY, P.K., prof.; KHARCHENKO, A.S., dotsent

Decree of the Academic Council of the Ukrainian Geographical
Society. Geog. zbir. no.6:211-212 '62. (MIRA 15:9)

1. President Ukrainskog geograficheskogo obshchestva (for Zamoriy).
 2. Glavnyy uchenyy sekretar' Ukrainskogo geografi-cheskogo obshchestva (for Kharchenko).
- (Ukraine--Geography)

ZAMORIY, Petr Konstantinovich [Zamorii, P.K.]; BEZUGLYY, A.M.,
~~[Besuhlyi, A.M.]~~, dots., otv. red.; LEONT'YEV, P.D [Leont'iev, P.D.],
red.; MINEVICH, M.I. [Minevych, M.I.], tekhn. red.

[Quaternary sediments of the Ukrainian S.S.R.] Chetvortyrni vid-
klady Ukraini'koi RSR. Kyiv, Vyd-vo Kyivs'koho univ. Pt.1. 1961.
548 p. (MIRA 15:6)

(Ukraine--Geology, Stratigraphic)
(Ukraine--Geomorphology)

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.; ZAMORYI, 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 Kievskogo 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 Prihot'ko).

(Continued on next card)

BONDARCHUK, V.G.---(continued) Card 3.

13. Direktor Ukrainского nauchno-issledovatel'skogo instituta ekonomiki i organizatsii sel'skogo khozyaystva, Chlen-korrespondent Vsesoyuznoy akademii sel'skokhozyaystvennykh nauk im. V.I.Lenina (for Romanenko). 14. Direktor fabriki No.1 (for Tal'nova). 15. Chlen-korrespondent Akademii nauk USSR (for Pidoplichko).

(Ukraine--Maps)

(Moldavia--Maps)

ZAMORIY, P.K.

Main geomorphological problems in connection with the seven-year plan for economic development. Geog. zbir. no.4:3-13 '61.

(MIRA 14:8)

(Geomorphology)

(Russia—Economic policy)

ZAMORIY, P.K., doktor geol.nauk, prof.; MARINICH, O.M. [Marynych, O.M.],
kand.geograf.nauk, dots.

Discoveries and studies of Soviet geographers. Nauka i
zhyttia 10 no.9:21-22 S '60. (MIRA 13:9)
(Geographical research)

BONDARCHUK, V.G. [Bondarchuk, V.H.]; ZAKORIY, 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)

ZABIYAKIN, G.I.; ZAMRIY, V.N.

Transistorized decade scaler. Prib. i tekhn. eksp. no.6:126-127
H-D '60. (MIRA 13:12)

1. Ob'yedinennyy institut yadernykh issledovaniy.
(Electronic apparatus and appliances)

ZAMOROCZY, D.

2334. IDEEMI SHAFI STIKINI IN SOVIET UNION. Zamorozcy, D.
(Soviet. Lap. (J. Min., Bak.), 1991, vol. 9, nr. 130724, Apr. 1991-2001).

ZAMOR'ONOV, M.P.; CHUZHINOV, D.K.; PECHKOV'S'KIY, V., redaktor; PISARENKO, V., tekhnicheskii redaktor.

[Organization of continuous operation in preparatory mine workings; practice of mines of the Ministry of Local and Fuel Industries of the Ukrainian S.S.R.] Orhanizatsiia tsyklichnoi roboty u pidhotovchykh vyrotitkakh. Z dosvidu shakht ministerstva mistsevoi i palyvnoi promyslovosti ukrains'koi BSR, Kyiv, Derzhavne vyd-vo tekhnichnoi lit-ry UBSR, 1953. 42 p. (MLRA 8:2)

(Ukraine--Coal mines and mining)

80431
SOV/112-59-23-48322

9.4220

Translation from: Referativnyy zhurnal Elektrotehnika, 1959, Nr 23, p 152,
(USSR)

AUTHOR: Zamorozkov, F E.

TITLE: On the Efficiency Calculation of Klystron Electronics

PERIODICAL: Uoh. zap. Saratovsk. un-t, 1957, Nr 56, pp 22 - 29

ABSTRACT: Additional effects of interaction of a grouped electron flow with the HF-field of an output resonator, leading to some corrections in the efficiency evaluation of electronics of a double-circuit klystron are analyzed. In deriving formulae for electronics efficiency it is taken into account that a modulator has a finite width and the speed modulation affects the interaction process in the output resonator. An analysis of the formula for infinitely small amplitudes warrants a conclusion, that besides the main effect that of interaction of the electron flow grouped in the drift zone with the HF-field of the output zone, there are three interaction effects more; interaction of the electron flow grouped in the modulator with the

Card 1/2

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89/21
SOV/112-59-23-48322

On the Efficiency Calculation of Klystron Electronics

HF-field of the output zone (second klystron effect); interaction of the electron flow grouped in the output zone on account of an additional speed modulation in the HF-field of the same zone ("speed effect"); "diode effect". An allowance for the latter three effects gives a correction to the electronics efficiency up to 30%. In case of finite amplitudes such expansion of the formula cannot be done simply enough, therefore an error of about 20 - 30% in the electronics efficiency evaluation is probable. In case of a reflex klystron, the second klystron effect and the "speed effect" are mutually cancelled without affecting the value of electronic efficiency of the klystron.

A.G.P.

X

Card 2/2

KASHIRIN, A.I.; GEIKHNO, G.P.; BOERIK, P.I.; ZAMOROV, D.F.

Investigation of adjustable tool attachment used in surface
machining. Trudy MATI no. 24:69-79 '54. (MIRA 8:10)
(Machine tools)

ZAMOROZKOV, B.M.; STAL'MAKHOV, V.S.

Theory of the electron beam diode with pre-modulation. Uch.zap. Sar.
un. Vyp.fiz. 56:3-21 '57. (Diodes) (MIRA 12:11)

ZAMOROZKOV, B.M.; STAL'MAKHOV, V.S.

Problem of calculating the efficiency of the electronic components
of a klystron. Uch.zap. Sar.un. Vyp.fiz. 56:22-29 '57. (MIRA 12:11)
(Klystrons)

ZAMOROZKOV, B. M.

PA 150T75

USSR/Physics - Magnetron
Phase Focusing

Nov 49

"Phase Focusing in a Magnetron With Plane Electrodes,
B. M. Zamorozkov, Phys Inst, Saratov, 8 pp.

"Zhur Tekh Fiz" Vol XIX, No 11-^{p.} 1311-28

Attempts to find physical laws which would generalize the mechanism controlling sustaining of oscillations in all known types of ultrahigh-frequency oscillators. Construction of a generalized theory attempted is based on the idea of phase focusing suggested by Prof Solubkov of Saratov State U in 1939 as applied to the magnetron oscillator. One fundamental conclusion

USSR/Physics - Magnetron (Contd)

150T75
Nov 49

obtained is that the process of phase focusing of electrons and the following interaction of the electron bunches with the variable electric field is responsible for sustaining oscillations in oscillators with a magnetic field in the same way that it is responsible in other types of microwave oscillators, where the process of phase focusing has been studied more completely, e.g., in klystrons. Submitted 19 Jul 48.

150T75

ZAMORSKA, Lucyna

Influence of dimethyl-amino-azobenzene (butter yellow) on
the liver of tadpoles of *Rana temporaria* L. Prace zool
no.7:47-67 1962.

1. Zakład Fizjologii Zwierząt, Uniwersytet Jagielloński,
Kraków, Kierownik: prof. dr. A. Kulczycki.

NIWELINSKI, Jozef; ZAMORSKA, Lucyna

Histochemistry of oxidizing enzymes in the rat thyroid under the influence of methylthiouracil. Endokry. pol. 13 no.3:267-274 '62.

1. Zakład Biologii AM w Krakowie Kierownik: prof. dr S. Skowron
Pracownia Histochemii Zakładu Zoologii Doświadczalnej PAN w
Krakowie Kierownik: doc. dr J. Niwelinski.
(THYROID GLAND metab) (OXIDASES metab)
(THIOURACIL rel cpds)

USATENKO, Yu.I.; ZAMORSKAYA, T.V.

Solubility of thionalide and metal thionalidates. Ukr. khim. zhur.
29 no.9:925-928 '63. (MIRA 17:4)

1. Dnepropetrovskiy khimiko-tekhnologicheskii institut im.
F.E.Dzerzhinskogo.

USATENKO, Yu.I.; ZAMORSKAYA, T.V.

Amperometric titration of palladium by thionalide.

Zav.lab. 29 no.3:291-293 '63.

(MIRA 16:2)

1. Dnepropetrovskiy khimiko-tehnologicheskiy institut
imeni F.E. Dzerzhinskogo.

(Palladium--Analysis)

(Conductometric analysis)

(Acetamide)

USATENKO, Yu.I.; ZAMORSKAYA, T.V.

Comparing the method of amperometric titration of metals with a
solution of thionalide to other methods. Zav.lab. 30 no.3;
270-272 '64. (MIRA 17:4)

1. Dnepropetrovskiy khimiko-tekhnologicheskii institut.

USATENKO, Yu.I., doktor khim. nauk; ZAMORSKAYA, T.V. [Zamors'ka, T.V.]

Amperometric titration of mercury, antimony and bismuth with a
solution of thionalide. Khim. prom. [Ukr.] no.3:78-79 J1-S '64.

(MIRA 17:12)

ZAMORSKAYA, Ye.V.

Glandular cyst of the sophagus. Vest. khir. 85 no. 8:122-123 Ag '60.

(ESOPHAGUS—TUMORS) (CYSTS)

(MIRA 14:1)

ZAMORSKAYA, Ye. V.

Comparative evaluation of the clinical study of some types of combined endotracheal anesthesia. Zdrav. Kazakh. no.4:25-32 '62. (MIRA 15:6)

1. Iz kafedry gospital'noy khirurgii (zav. - professor M. I. Bryakin) Kazakhskogo meditsinskogo instituta.

(INTRATRACHEAL ANESTHESIA)

ZAMORSKAYA, Ye.V.

Alleviating or analgesic narcosis. Zdrav. Kazakh. 21 no. 4:10-14
'61. (MIRA 14:4)

1. Iz kafedry gospital'noy khirurgii lechebnogo fakul'teta (zav. -
professor M.I. Bryakin) Kazakhskogo meditsinskogo instituta.
(ANESTHESIA)

ZAMORSKAYA, Ye.V.

Reflection of N.I.Pirogov's ideas in modern anesthesia. Zdrav.
Kazakh. 21 no.2:3-6 '61. (MIRA 14:3)

1. Iz kafedry gospital'noy khirurgii lechebnogo fakul'teta (zav. -
professor N.I.Bryakin) Kazakhskogo meditsinskogo instituta.
(PIROGOV, NIKOLAI IVANOVICH, 1810-1881)

$$F(z) = \frac{1}{z} + b_1 z + b_2 z^2 + \dots$$

Let $F(z)$ denote the n th

partial sum

of the series

for $|z| < 1$

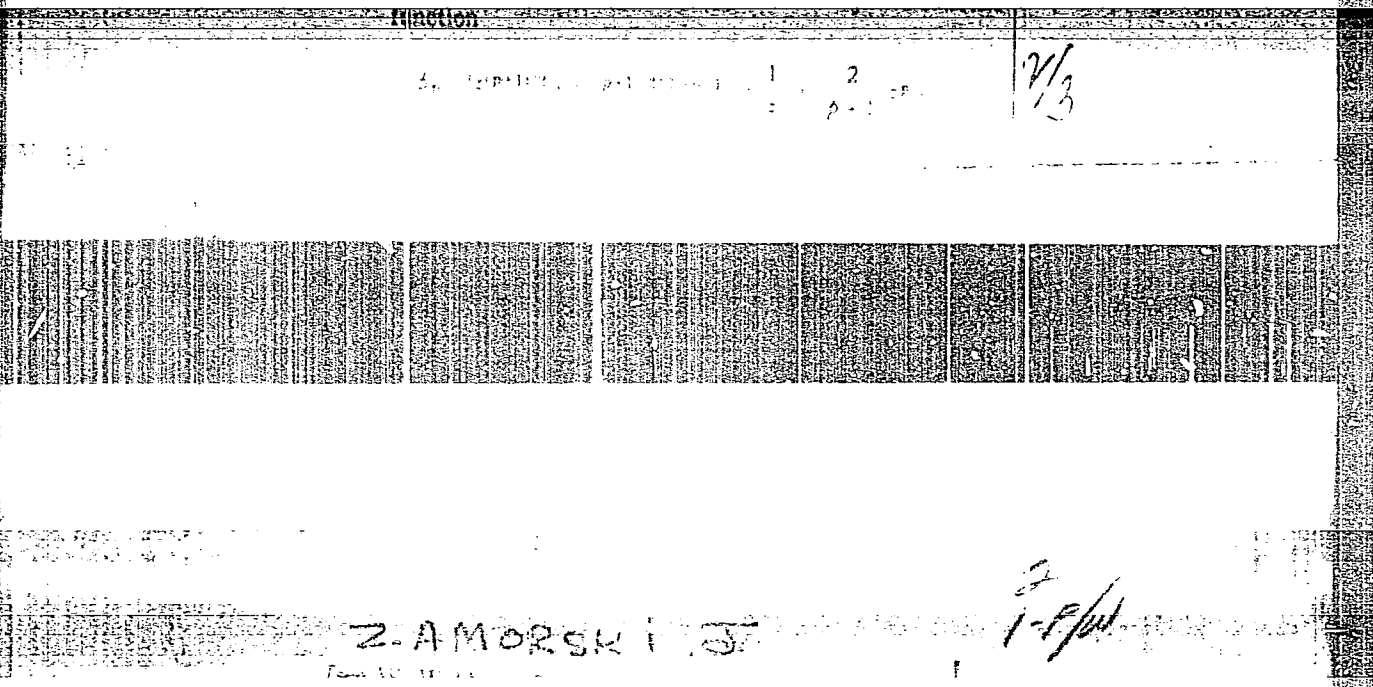
and for

$|z| > 1$

(1.1)

The proof of the author's theorem is based on analogous results of Schaeffer and Singer (Coefficient regions for

L.F.W



MT



ZAMORSKI, J.

DECEASED

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C' 1961

MATHEMATICS

ZAMORSKI, Kazimierz

ZAMORSKI, Kazimierz. Kolyma; gold and forced labor in the USSR, by Silvester Mora
[pseud.]. Washington, Foundation for Foreign Affairs, [1949]. vi, 66 p.
(Foundation pamphlet no. 7.).
Bibliographical foot-notes.

DLC: HV8959.R9Z3

SO: IC, Soviet Geography, Part II, 1951/Unclassified

ZAMORSKI, J.

POLAND / Chemical Technology. Chemical Products
and Their Application. Water Treatment.
Sewage.

H

Abs Jour: Ref Zhur-Khimiya, No 9, 1959, 31775.

Author : Zamorski, J.

Inst : ~~Not given.~~

Title : Concerning the Problem of the Purification of
Water in the Upper Silesian Region.

Orig Pub: Gospod. wodna, 1957, 17, No 9, 420-424.

Abstract: The nature of the pollution of the Vistula and
Oder rivers and their tributaries, and the pos-
sibility of their utilization as an everyday
water supply in the fish and agriculture indus-
tries, is described. A program of the building
and exploitation of purification installations
is studied. -- S. Yavorovskaya.

Card 1/1

ZAMORSKI, J.

Typical Imhoff tanks for the smaller sewage-treatment plants. p. 210.

GAZ, WODA I TECHNIKA SANITARNA. (Stowarzyszenie Naukowo-Techniczne
Inzynierow i Technikow Sanitarnych, Ogrzewnictwa i Gazownictwa)
Warszawa, Poland. Vol. 32, no. 6, June 1958

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

Uncl.

COUNTRY : POLAND
CATEGORY : Chemical technology. Chemical Products and their Applications. Water Treatment. Sewage
ABS. JOUR. : RZAKHM., No 19, 1959, No. 68332
AUTHOR : Mamon, K.; Samorski, J.
INSTITUTE : -
TITLE : Utilization and Purification of the Effluent Phenolic Waters from Chemical and Gas Industries *
ORIG. PUB. : Gas woda i techn. sanit., 1958, 32, No 10, 383-389
ABSTRACT : No abstract

*in the USSR.

Card: 1/1

ZAMORSKIY, A.

On Determination of Cloudiness Under the Observer's Horizon According to the
Shadow Phenomena in the Aurora, by A. Zamorskiy, Central Board of Hydrometeoro-
logical Service. Iz Ak nauk SSSR, Ser Geggraf. i Geofiz, No 1-6, 1944

ZAMORSKIY, A. D.

PA 27T74

USSR/Meteorological Research

May 1946

Dust
Storms

"Teheran Dust Storms," A. D. Zamorskiy, 1½ pp

"Priroda" No 5

Short description of dust storms found in the area around Teheran. Gives some data of the more important dust storms during the past four years. Discusses the generation and causes for "colored" rain, usually the droplets are colored orange. This "colored" rain is usually found in a cold front area.

ID

27T74

ZAMORSKIY, A. D.

SAPOZHNIKOV, A. A., ZAMORSKIY, A. D., FINDEYZEN, V., and SHUL'TS, G., "Experimental Study of the Formation of Ice Particles in the Atmosphere," No 1, pp 90-97. (Meteorologiya i Gidrologiya, No 6 Nov/Dec 1947)

SO: U-3218, 3 Apr 1953

ZAMORSKIY, A. D.

Meteorology

Some rare meteorological occurrences. Met. i gidrol, no. 6, 1947.

Monthly List of Russian Accessions, Library of Congress, December 1952. Unclassified.

ZAMORSKIY, A.D.

Mar 1947

USSR/Geophysics
Solar Radiation

"Photometry of the Twilight Glow, "M.V. Gushchina, A.D. Zamorskiy, 9 pp

"Izv Akad Nauk SSR, Ser Geograf i Geofiz" Vol XI, No 2

Photography of the particolored horizontal strip along the horizon caused by the absorption and scattering of the light of the twilight light-body on the way to the observer's eye, carried out through red and green filters. Data shows that the more the air mass is covered with dust, the larger the relation green/red and the higher the angle-height of the maximum of brightness of the given color. With the sun's depth under the horizon the angle-height of the maximum of brightness decreases. The relation green/red decreases with the sun's depth to 2° , and then increases slowly to the end of the twilight. The relation green/red increases continuously from the horizon to 20° . Submitted by Academician L.S. Leybenzon.

PA 50T46

ZANDECKII, W. D.

"Forms of Cumulus Clouds", Trudy GGO No 7, 1940 (33-40)

SO: U-3039, 11 Mar 1953

ZAMONKIY J. D.

"Snow Forms of Precipitations from Winter Shower Clouds", Tekhn. Gidrom., No 7, 1948 (135-139)

SO: U-3639, 11 Mar 1953

ZAMORSKIY, A.D.

Forms of snowflakes. Trudy GGO no.13:52-60 '48.
(Snow)

(MIRA 10:1)

ZAMORSKIY, A.D.

Sublimation growth of snowflakes. Trudy GGO no.13:61-69 '48.
(Snow) (MIRA 10:1)

ZAFORSKIY, A. D.

"Ground Needle Ice," Priroda, No. 10, 1949.

L

AMS/A+B

10-117
 Zamenkov, A. D., *Krupnabill snezhny grad. [The biggest snow pellets.] Priroda, Moscow, 1957, May 1950. 3 figs., 10 refs. DLC—Details of the unusually large (15 mm.) graupel which fell on Oct. 28, 1949 (near Leningrad). Other such occurrences are cited and the physics of the formation of snow pellets discussed. Largest previous pellets measured 10-12 mm. (in Smolensk, 1937). Synoptic conditions are described (secondary maximum arctic air coming across Norway at the rear of a deep cyclone, shower clouds and deep, moist, unstable air over Leningrad). The conical pellets which are illustrated fell only in a narrow strip in the northern part of the city. Subject headings: Graupel, Snow, Leningrad, U.S.S.R.*
 M.R.

Hydrometeorology

ASH-31A METALLURGICAL LITERATURE CLASSIFICATION

FROM SYMBOLS

FROM SYMBOLS

FROM SYMBOLS

ZAMORSKIY, A.D.; KIRYUKHIN, V.V., redaktor; YULISH, F.A., tekhnicheskiy
redaktor; RUIEVA, M.S., tekhnicheskiy redaktor

[Hoarfrost, rime, ice crust] Inei, izmoroz', gololed. Leningrad,
Gidrometeorologicheskoe izd-vo, 1951. 63 p. [Microfilm]
(Ice) (MLRA 7:10)

ZAMORSKIY, A. D.

Aug 52

USSR/Meteorology - Criticism
"Atmospheric Phenomena," A. D. Zamorskiy, Lenin-

grad, Higher School of Arctic Navigation

"Meteorol 1 Gidrol" No 8, pp 41-44

Remarks on the description of atm phenomena in
"Yastavleniya Gidrometeorologicheskim Statistiyam
i Postam" (Instructions to Hydrometeorological

Stations and Posts) No 3, Part 1, 1946. Ex-
presses criticism of the chapter or obsolete terminology
"phenomena" in using wrong or obsolete terminology
Suggests improvements in classification of atm
phenomena such as: liquid and solid depositions
(and not pptns) on earth's surface of water and

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ice; liquid and solid pptns of rain, snow, or
hail; turbidity of air; solid suspension; wind
phenomena; and optic phenomena.

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ZAMORSKIY, A. D.

USSR/Meteorology - Criticism

Aug 52

"Atmospheric Phenomena," A. D. Zamorskly, Lenin-
grad, Higher School of Arctic Navigation,
"Meteorol 1 Gidrol" No 8, pp 41-44

Remarks on the description of atm phenomena in
"Mastavleniya Gidrometeorologicheskim Stantsiyam
i Postam" (Instructions to Hydrometeorological
Stations and Posts) No 3, Part 1, 1946. Ex-
presses criticism of the chapter "Atmospheric
Phenomena" in using wrong or obsolete terminology.
Suggests improvements in classification of atm
phenomena such as: liquid and solid depositions
(and not pptns) on earth's surface of water and

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ice; liquid and solid pptns of rain, snow, or
hail; turbidity of air; solid suspension; wind
phenomena; and optic phenomena.

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САФОНОВСКИЙ, А. Д., Prof.

Snow

Acicular crystals of snow. Priroda 41 no. 8, 1952.

Monthly List of Russian Accessions, Library of Congress. November, 1952. UNCLASSIFIED.

ZAMORSKIY, A. D.

The Quantity of Hoarfrost and the Temperature of the Air Meteorol. i
gidrologiya, No 2, 1953, pp 30-31

From the data of observations by the meteorological stations of the USSR the author shows the development of hoarfrost (iney) during severe freezing spells (down to -40° and lower). He carries out calculations that clarify the possibility of the formation of hoarfrost at such low temperatures, but for which the moisture is still sufficient. He notes the similar character of hoarfrost for various temperatures of the air from small positive values down to -40° . He gives a number of statements on the causes for this, at first glance, anomalous phenomenon. At high temperatures the quantity of hoarfrost is limited by the low relative humidity, briefness of the summer night, and decreased heat capacity. (RZhGeol, No 5, 1954)

SO: Sum. No. 568, 6 Jul 55

ZAMORSKIY, A. D.

Frost (moris') and Glaze (gololed) During Marked Freezes Meteorol. i gidrologiya, No 4, 1953, pp 34-36

The author describes a number of cases of the fall-out of super-cooled rain and of the formation of glaze at temperatures from -12° to 16° , and also the synoptic circumstances surrounding them. Under natural conditions drops of atmospheric water cooling at the rate of $0.7-1.0^{\circ}\text{d}/\text{min}$ can remain liquid down to temperature -16° , having a diameter of approximately 0.2 mm . Freezing of the drops on objects occurs under these conditions so slowly that they succeed in fusing together and in forming glass-like hoarfrost (gololed). Supercooling of rain or frost down to temperatures below -10° each year recurs in the USSR. Such supercooling is not always realized, being disrupted by the action of still unknown factors. The fact of the simultaneous fall-out of snow together with supercooled rain requires that the concepts of "wet snow" and "snow with rain" be more precise. (RZhGeol, No 5, 1954)

SO: Sum. No. 568, 6 Jul 55

ZAMORSKIY, A. D.

PHASE I

TREASURE ISLAND BIBLIOGRAPHICAL REPORT

AID 452 - I

BOOK

Call No.: AP632826

Author: ZAMORSKIY, A. D.

Full Title: ATMOSPHERIC PHENOMENA

Transliterated Title: Atmosfernyye yavleniya

Publishing Data

Originating Agency: None

Publishing House: Hydrometeorological Publishing House ("Gidrometeoizdat")

Date: 1954 No. pp.: 94

No. of copies: 15,000

Editorial Staff

Editor: Karol', B. P.

Text Data

Coverage: This is a monograph of the series "Scientific-Popular Library". It explains in a very popular form the physical causes of usual and rare atmospheric phenomena and their relation to each other, and describes the distinctive characteristics of apparently similar phenomena. New definitions are given and the old terms are made more precise. The Introduction contains a Classification Table of Atmospheric Phenomena. Descriptions of various unusual phenomena observed in Russia are scattered through the book (with names of places and dates). The monograph is illustrated.

TABLE OF CONTENTS

Introduction

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1/2

ZAMORSKIY, A.D.

Solar reflection on clouds. Izv.Vses.geog.ob-va 86 no.1:104-105
Ja-F '54. (MLRA 7:2)
(Clouds) (Solar radiation)

BUCHINSKIY, Vasilii Yevstaf'yevich; ZAMORSKIY, A.D., professor, redaktor;
YASOGORODSKAYA, M.M., redaktor; BRAYNINA, N.I., tekhnicheskiy
redaktor.

[Atlas of ice formations on electric conductors] Atlas obledeneniya
provodov. Pod red. A.D.Zamorskogo. Leningrad, Gidrometeorologicheskoe
izd-vo, 1955. 21 p. 55 plates. (MLRA 8:11)
(Ice) (Electric conductors)

11-12
*1.2.1.1. Aleksandr Dmitrievich Atoafurnyi led. inzh. gololed. eneg. I grad. CA-551 57(02)
At head of top Akademi Nauk SSSR.

[Handwritten signature]

AID P - 3848

Subject : USSR/Meteorology
Card 1/1 Pub. 71-a - 11/35
Author : Zamorskiy, A. D.
Title : Thunder in a cloudless sky
Periodical : Met. 1. gidr., 6, 37-38, N/D 1955
Abstract : The author describes a phenomenon which occurred in Leningrad on July 12, 1954. While the sky was cloudless and the sun shining, a very loud sound of thunder without lightning was registered.
Institution : None
Submitted : No date

ZAMORSKIY, A.D., professor (Leningrad).

Fluttering of leaves in the evening. Priroda 44 no,12:108-109 D '55.

(MLRA 9:1)

(Temperature) (Leaves)

ZAMORSKIY, A.D.

Determination of the optical air mass at different altitudes above
the earth's surface on the basis of sunrise coloration of clouds.
Meteor. i gidrol. no.3:34 Kr 156. (MLRA 9:7)
(Atmospheric transparency) (Meteorological optics)

ZAMORSKIY, A. D.

Rose colored overcast sky. Meteor. i gidrol. no. 7:27-28 JI '56.
(Meteorological optics) (MIRA 9:10)

ZAMORSKIY, A.D.

"Regulations for hydrometeorological stations and posts. No.3,
part 1, section 2, chapter 9, 'Atmospheric phenomena'." Reviewed
by A.D.Zamorskii. Izv.Vses.geog.ob-va 88 no.3:303-304 Ky-Je '56.
(Meteorology) (MIRA 9:9)

ZAMORSKIY, A.D.

Defining the concept of climate. Izv.Vses.geog.ob-va 88 no.4:
389-390 J1-Ag '56. (MLRA 9:10)

(Climatology)

ZAMORSKIY, A.D.

26-10-10/44

AUTHORS: Skarutskiy, A.A., Barsa-Kel'messkiy Reservation;
Trishin, V.P., Village of Kozel'shchina, Poltava oblast, and
Zamorskiy, A.D., Professor (Leningrad)

TITLE: Rare Forms of Solar Halo (Redkiye formy solnechnogo galo)

PERIODICAL: Priroda, 1957, No 10, pp 79-81 (USSR)

ABSTRACT: Two "Priroda" readers, Zarutskiy and Trishin sent in reports about solar haloes of very unusual shape and size which were accompanied by several pseudo suns (Figures 1 and 2) and luminescent bows or stripes, they had observed in 1956. Professor Zamorskiy, whom the editors approached for information, says that such light phenomena or haloes are due to refraction and reflection of sunrays caused by tiny ice crystals in the air. Some forms are very unusual and originate from rare optical phenomena of the atmosphere. There are 3 figures and 2 references, of which one is Slavic.

AVAILABLE: Library of Congress

Card 1/1

ZAMORSKIY, A. D.,

"Instructions Projected for the Observation of the Shape of Snowflakes,"
Trudy Tashkentskoy Geofizicheskoy Observatorii (Transactions of the Tashkent
Geophysical Observatory), No 13, 1957 p. 152.

ZAMORSKIY, A.D.

Outline of instructions for observations of snowflake shapes.
Trudy Tashk. geofis. obser. no.13:152-161 '57. (MLBA 10:8)
(Snow)

ZAMORSKIY, Aleksandr Dmitriyevich, TEREKHINA, G.I., red.; KREYS, I.G.,
tekhn.red.

[Manual of atmospheric phenomena] Opredelitel' atmosferykh yavlenii;
posobie dlia uchitelei. Moskva, Gos. uchebno-pedagog. izd-vo
M-va prosv. RSFSR, 1958. 79 p. (MIRA 11:9)
(Meteorology)

AUTHOR: Zamorskiy, A.D., Professor (Leningrad) SOV-26-58-3-16/51
TITLE: Precipitation of Large-Sized Hail (Vypadeniye Krupnogo Grada)
PERIODICAL: Priroda, 1958,⁴⁷ Nr 3, pp 76-79 (USSR)

ABSTRACT: The author describes the phenomena and disastrous effects of hail as recorded in literature and by contemporary observers, among them Candidate of Geologo-Mineralogical Sciences M.I. Aleksandrova; Senior Scientific Assistant of the Voronezhskiy zapovednik (Voronezh Natural Reservations) S.A. Kazadayev, Senior Forest Master N.N. Ivan'kov; Scientific Assistant S.A. Kostrovskiy; Geologist R.A. Il'khovskiy; G.I. Konev; Students of the Veterinarnaya Akademiya (Veterinary Academy) V.M. Mutsetoni; A.M. Lenkova; and Candidate of Physico-Mathematical Sciences N.I. Yegorov (Leningrad). There is 1 figure, 1 chart, 2 photos and 1 Soviet reference.

1. Hail damage--USSR

Card 1/1