

CHEREVATSKAYA, O.M.; CHUVILOVA, V.A.

Effect of anodic inhibitors on the electrode potential of  
various steels. Izv. vys. ucheb. zav.; chern. met. no. 7:184-192  
'60. (MIRA 13:8)

1. Chelyabinskiy politekhnicheskiy institut.  
(Steel alloys--Electric properties)  
(Corrosion and anticorrosives)

CHEREVATSKAYA, O.M.; CHUVILOVA, V.A.

Effect of anode inhibitor mixtures on electrode potentials in  
steel. Izv. vys. ucheb. zav.; Chern. met. 5 no.7:151-157  
'62. (MIRA 15:8)

1. Chelyabinskiy politekhnicheskiy institut.  
(Steel--Electrometallurgy) (Electrolytes)

CHEREVATSKAYA, O.M.; CHUVILOVA, V.A.

Effect of phosphates on the electrode potentials of steels. *Izv.vys.  
ucheb.zav.;khim.i khim.tekh.* 6 no.4:688-692 '63. (MIRA 17:2)

1. Chelyabinskiy politekhnicheskiy institut. Kafedra obshchey khimii.

KAMANOVSKIY, E.M., inzh.; CHEREVATSKIY, B.P., inzh.; ERBLAT, I.V.,  
inzh.

Humidifying waste gases by multinozzle sprayers. Tsement 31  
no. 6:20-21 N-D '65. (MIRA 18:12)

1. Orgpromstroy, Dnepropetrovsk.



1. CHEREVATSKIY, M. L., ENG.
2. USSR (600)
3. Welding
4. Device designed by Stakhanovite Shuliak. Mekh.stroi. 10 No. 3, 1953.

9. Monthly List of Russian Accessions. Library of Congress. June 1953. Unclassified.

CHERNEVATSKIY, M.L.

Method of digging trenches for pipelines with the Dk-0,25 excavator equipped with reversible shovel. Biul.stroi.tekh. 10 no.3:26 F '53.  
(MLRA 6:12)

1. Trest Sibspetsstroy Mintyashstroya. (Excavating machinery)

CHEREVATSKIY, M.L., inzhener.

"Reversible blade" for bulldozers. Biul.stroi.tekh. 10 no.13:16-17 Ag '53.  
(MLRA 6:10)

1. Trest Sibspetsstroy.

(Bulldozers)



CHEREVATSKIY, M.L.

Automatic device for maintaining a constant water level in foundation pits  
during drainage. *Biul.stroi.tekh.* 10 no.15:20-21 0 '53. (MLRA 6:10)  
(Foundations) (Pumping machinery)

CHERNATSKII, M. L., Eng.

Sewer Pipe

Constructing outdoor water mains and sewers in winter. Sbor. nat. o nov. tekhn v stroi.  
15, No. 4, 1953.

Monthly List of Russian Accessions, Library of Congress  
June 1953. UNCL.

1. CHEREVATSKIY, M. L., ENG.
2. USSR (600)
3. Water pipes
4. Applying mechanization in building steel, water-supply main lines. *Biul.stroi.tekh.* 10 No. 5, 1953.

9. Monthly List of Russian Accessions, Library of Congress, June 1953, Uncl.

1. CHEREVATSKIY, M. L.,ENG.
2. USSR (600)
3. Water pipes
4. Constructing outdoor water mains and sewers in winter. Sbor.mat. o nov.tekh. v stroi.  
15 No. 4, 1953.

9. Monthly List of Russian Accessions, Library of Congress, June 1953, Uncl.

CHEKOVATSKIY, M.L., inzhener.

Joining a new water-supply line to an operating network. Sbor.mat.o  
nov.tekh.v stroi. 15 no.10:17-19 '53. (MLRA 6:12)  
(Water pipes)

*CHEREVATSKIY, M. L.*

AID P - 588

Subject : USSR/Engineering  
Card 1/1 Pub. 93 - 3/11  
Author : Cherevatskiy, M. L., Engineer  
Title : Construction of piers for a wooden bridge across a mountain stream  
Periodical : Sbor. mat. o nov. tekhn. v stroit., 8, 7-9, 1954  
Abstract : The construction of piers for a wooden highway bridge with short spans under the conditions of a rapid mountain stream flow is described. The piers were made out of pre-fabricated log cribworks placed in foundation pits and filled with stones. Photos, diagrams.  
Institution : None  
Submitted : No date

CHEREVATSKIY, M.L., inzhener.

Mechanisation of railroad construction; experience of the Siberian  
Special Construction Trust. Sbor.mat.o nov.tekh.v stroi. 16 no.2:  
18-21 '54. (MLRA 7:5)  
(Railroads--Construction)

КАИПОВ, М.Р., канд. техн. наук; ЧЕРЕВАТСКИЙ, М.Л., инж.

Constructing suction pipes in water intake installations.  
Bul.stroi.tekh. 12 no.10:17 0 '55. (MIRA 12:1)

1. Vostoktranspetsstroy.  
(Water pipes) (Water-supply engineering)



CHEREVATSKIY, M.L., inzhener

~~Wheelbarrow~~  
Wheelbarrow for transporting and placing curbstone. Avt. dor.  
18 no.3:27 My-Je '55. (MLRA 8:9)  
(Road machinery)

*M. L.*

CHEREVATSKIY, M.K., inzhener.

Experience with trenchless pipelaying using the penetration method.  
Biul.stroi.tekh. 13 no.1:16-18 Ja '56. (MIRA 9:5)

1. Trest Vostoktranspotsstroy.  
(Pipelines)

[ML]  
CHEREVATSKIY, L.M., inzhener.

Drilling holes in frozen ground by means of hot compressed air.  
Nov.tekh.i pered.op.v stroi. 18 no.10:15-18 0 '56. (MLRA 9:11)  
(Frozen ground)  
(Earthwork--Cold weather conditions)

CHEREVATSKIY, M.L. (Novosibirsk).

Connecting newly installed water pipes with those already in  
operation. Vod. i san. tekhn. no.3:31-32 Mr '57. (MLRA 10:6)  
(Water pipes)

LYSOGOROV, Sergey Dmitriyevich [Lysohorov, S.D.], prof., doktor  
sel'khoz. nauk; RYABENKO, A.Y., red.; CHEREVATSKIY, S.A.  
[Cherevats'kyi, S.A.], tekhn. red.

[Fertilizers for the irrigated lands in the Ukraine] Udob-  
rennia na zroshuvanykh zemliakh URSR. Kyiv, Derzhsil'hosp-  
vydav URSR, 1964. 34 p. (MIRA 17:3)

POLYANSKIY, Nikolay Pavlovich [Polians'kyi, M.P.], kand. ekon.  
nauk; KOVALENKO, O.I., red.; CHEREVATSKIY, S.A.  
[Chervats'kyi, S.A.], tekhn. red.

[Goose raising as an important source of meat production]  
Husivnytstvo - vazhlyvyi rezerv vyrobnytstva m'iasa. Kyiv,  
Derzhsil'hospvydav URSR, 1963. 77 p. (MIRA 17:3)

CHEREVATYY, N., general-direktor tyagi 3-go ranga

Principal problems in the operation of locomotive roundhouses.  
Zhel. dor. transp. no.3:38-43 '47. (MIRA 13:2)  
(Locomotives--Maintenance and repair) (Railroads--Roundhouses)

SMUSHKOV, P.I., inzhener; CHEREVATYY, N.S., retsenzent; YEGOROV, A.V.,  
retsenzent; CHEREMUSHKIN, N.A., redaktor.

[Steam boiler safety plugs] Kontrol'nye probki parovoznykh kotlov.  
Izd. 2-e, ispr. Moskva, Gos. transp.zhel-dor. izd-vo, 1952. 99 p.  
[Microfilm] (MLRA 7:10)  
(Steam boilers--Safety plugs)



## CHEREVATYY, V.S.

ALFEROV, A.A.; ARTEMKIN, A.A.; ASHKENAZI, Ye.A.; VINOGRADOV, G.P.; GALEYEV, A.U.; GRIGOR'YEV, A.N.; D'YACHENKO, P.Ye.; ZALIT, N.N.; ZAKHAROV, P.M.; ZOBNIN, N.P.; IVANOV, I.I.; IL'IN, I.P.; KMETIK, P.I.; KUDRYASHOV, A.T.; LAPSHIN, F.A.; MOLYARCHUK, V.S.; PERTSOVSKIY, L.M.; POGODIN, A.M.; RUDOY, M.L.; SAVIN, K.D.; SIMONOV, K.S.; SITKOVSKIY, I.P.; SITNIK, M.D.; TETREEV, B.K.; TSETYKIN, I.Ye.; TSUKANOV, P.P.; SHADIKYAN, V.S.; ADELUNG, N.N., retsenzent; AFANAS'YEV, Ye.V., retsenzent; VLASOV, V.I., retsenzent; VOROB'YEV, I.Ye., retsenzent; VORONOV, N.M., retsenzent; GRITCHENKO, V.A., retsenzent; ZHEREBIN, M.N., retsenzent; IVLIYEV, I.V., retsenzent; KAPORTSEV, N.V., retsenzent; KOCHUROV, P.M., retsenzent; KRIVORUCHKO, N.Z., retsenzent; KUCHKO, A.P., retsenzent; LOBANOV, V.V., retsenzent; MOROZOV, A.S., retsenzent; ORLOV, S.P., retsenzent; PAVIUSHKOV, E.D., retsenzent; POPOV, A.N., retsenzent; PROKOF'YEV, P.F., retsenzent; RAKOV, V.A., retsenzent; SINEGUBOV, N.I., retsenzent; TEREIN, D.F., retsenzent; TIKHOMIROV, I.G., retsenzent; URBAN, I.V., retsenzent; FIALKOVSKIY, I.A., retsenzent; CHEPYZHEV, B.F., retsenzent; SHEBYAKIN, O.S., retsenzent; SHCHERBAKOV, P.D., retsenzent; GARNYK, V.A., redaktor; LOMAGIN, N.A., redaktor; MCRDVINKIN, N.A., redaktor; NAUMOV, A.N., redaktor; POBEDIN, V.F., redaktor; RYAZANTSEV, B.S., redaktor; TVERSKOY, K.N., redaktor; ~~CHEREVATYY, N.S., redaktor~~; ARSHINOV, I.M., redaktor; BABELYAN, V.B., redaktor; BERNGARD, K.A., redaktor; VERSHINSKIY, S.V., redaktor; GAMBURG, Ye.Yu., redaktor; DERIBAS, A.T., redaktor; DOMBROVSKIY, K.I., redaktor; KORNEYEV, A.I., redaktor; MIKHEYEV, A.P., redaktor

(Continued on next card)

ALFEROV, A.A. ---- (continued) Card 2.

MOSKVIN, G.N., redaktor; RUBINSHTEYN, S.A., redaktor; TSYPIN, G.S.,  
redaktor; CHERNYAVSKIY, V.Ya., redaktor; CHERNYSHEV, V.I., redaktor;  
CHERNYSHEV, M.A., redaktor; SHADUR, L.A., redaktor; SHISHKIN, K.A.,  
redaktor

[Railroad handbook] Spravochnaia knizhka zheleznodorozhnika, Izd.  
3-e, ispr. i dop. Pod obshchei red. V.A.Garnyka. Moskva, Gos.  
transp.zhel-dor. izd-vo, 1956. 1103 p. (MLRA 9:10)

1. Nauchno-tekhnicheskoye obshchestvo zheleznodorozhnogo transporta.  
(Railroads)

CHEREVATYY, N.S.

Polymers to be used in railroad transportation. Vest. TSNII MPS  
no. 5:3-7 J1 '58. (MIRA 11:8)

1. Zamestitel' direktora Tsentral'nogo nauchno-issledovatel'skogo  
instituta Ministerstva putey soobshcheniya.  
(Polymers)

CHEREVATYY, V. S., Cand Med Sci -- (diss) "Effect of antibiotics on the variability of sulfanilamido-resistant agents of dysentery and on the longevity of the percentage survival of these in an external media." Kursk, 1960. 18 pp; (Dnepropetrovsk State Medical Inst); 200 copies; price not given; (KL, 21-60, 131)

CHEREVATYY, V.S., aspirant

Changes in the causative agents of dysentery resistant to sulfanilamides following the action of antibiotics. Sbor. trud. Kursk. gos. med. inst. no.13:199-203 '58. (MIRA 14:3)

1. Iz kafedry mikrobiologii (zav. - prof. A.M.Brusin) Kurskogo gosudarstvennogo meditsinskogo instituta.  
(SHIGELLA) (ANTIBIOTICS)

CHEREVATYY, V.S.

Influence of acquired resistance to antibiotics on the viability  
of dysenterial bacteria. Zdrav. Kazakh. 21 no.10:57-59 '61.  
(MIRA 15:2)

1. Iz kafedry mikrobiologii (zav. - prof. A.M.Brusin) Kurskogo meditsin-  
skogo instituta i kafedry mikrobiologii (zav. - dotsent A.T.Starodubova)  
Aktyubinskogo meditsinskogo instituta.  
(SHIGELLA) (ANTIBIOTICS) (BACTERIA, EFFECT OF DRUGS ON)

CHEREVATYY, V.S.

Effect of hexavalent chromium on microorganisms. Zdrav.  
Kazakh. 23 no.2:70-71'63. (MIRA 16:10)

1. Iz kafedry mikrobiologii (zav. - dotsent A.T.Starodubova)  
Aktyubinskogo meditsinskogo instituta.  
(CHROMIUM—PHYSIOLOGICAL EFFECT)  
(BACTERICIDES)

KAZANTSEV, N.No.; ISAYEV, M.G.; CHEREVAYKO, V.L.; KOZLOVA, T.Ye.

Using sludge acid. Neftoper. i neftekhim. no.6:23-25 '64. (MIRA 17:9)

1. Permskiy neftepererabatyvayushchiy zavod.



KAZANTSEV, H.Ye.; ISAYEV, M.G.; CHEREVAYKO, V.P.

Plant test of a hydroxyethylated fatty acid demulsifier for  
desalting oil. Nefteper. i neftekhim. no. 4:10-12 '64.  
(MIRA 17:5)

1. Permskiy neftepererabatyvayushchiy zavod.

CHEREVAYKO, V.P.; SHARIPOV, R.S.

Monostand amine removal of carbon dioxide from an inert gas  
on a catalytic reforming device. Neftepar. i neftekhim. no.5:  
33-35 '64. (MIRA 17:8)

1. Permiski neftepererabatyvayushchiy zavod.

ROTOVS'KA, V.S.; ~~CHERVCHENKO, T.M.~~, student 5 kursu.

Long distance transportation of sturgeon larvae by rail. Stud.  
nauki.pratsi no.20:47-49 '56. (MLRA 9:12)

1. Naukoviy kerivnik - chlen-korrespondent Akademii nauk URSR  
professor V.A.Movchan.  
(Fishes--Transportation) (Sturgeons)

CHEREVICHNAYA, Ye.V. [Cherevychna, IE.V.]; CHIKALO, I.I.

Age variations in the intensity of radiomethionine incorporation into the proteins of the crystalline lens. Ukr. biokhim. zhur. 32 no.5:678-683 '60. (MIRA 14:1)

1. Ukrainskiy nauchno-issledovatel'skiy eksperimental'nyy institut glaznykh bolezney i tkanevoy terapii im. akademika V.P.Filatova, Odesa.

(CRYSTALLINE LENS)

(METHIONINE)

(AGE)

CHEREVICHMYI, I.

PHASE I BOOK EXPLOITATION

SOV/5174

Pravda, Moscow.

Vtoroy Sovetskiy kosmicheskiy korabl'; materialy, opublikovannyye v gazete "Pravda" (The Second Soviet Cosmic Ship; Materials Published in the Newspaper "Pravda") Moscow, 1960. 198 p. 50,000 copies printed.

Resp. for this Publication: V. Reut and V. Smirnov; Tech. Ed.: V. Yagodkina.

PURPOSE: This book is intended for the general reader.

COVERAGE: The book is a compilation of articles which appeared in the newspaper Pravda after the launching, orbiting, and recovery of the capsule of the Soviet 4,600 kg spaceship on August 19, 1960. The articles give some details of scientific research undertaken in this flight in the fields of biology, cytology, genetics, cosmic radiation, solar radiation, ultra-violet radiation, and radiation levels. A description and

Card 1/7

The Second Soviet Cosmic Ship (Cont.)

SOV/5174

three photos of the capsule are given. No personalities are mentioned. There are no references.

TABLE OF CONTENTS:

Great Contribution to the Treasury of World Science and Culture.  
Greetings From the Central Committee of the Communist Party and  
the Council of Ministers of the USSR 3

SECOND SOVIET SPACESHIP ENTERS THE ORBIT OF THE EARTH SATELLITE

TASS Communiqué 7

Path of the Second Soviet Spaceship 9

From the First Sputnik to the Spaceship 12

Fatherland, I am Proud of You! Vilis Latsis 13

Signals From the Spaceship Are Received 13

Card 2/7

The Second Soviet Cosmic Ship (Cont.)	SOV/5174
Good News From Moscow	14
Bravo to Soviet Scientists! [ <u>I. Cherevichnyy</u> , Polar Flyer, Hero of the Soviet Union]	14
Tremendous Impression	16
The Assault of Space Continues	18
SPACESHIP RETURNED TO EARTH	
Outstanding Achievement of Soviet Science and Engineering. TASS Communiqué	23
Program of Scientific Research Successfully Fulfilled. TASS Communiqué	25
Complicated Scientific and Engineering Problems Are Solved Layout of the spaceship-satellite	28 29
Card 3/7	

CHEREVICHNYI, Ivan Ivanovich, polyarnyy letchik, Geroy Sovetskogo  
Soyuza; ANDREYEVA, L.S., red.; USANOVA, N.B., tekhn. red.

[In the Antarctic sky] V nebe Antarkidy. Moskva, Izd-vo  
"Morskoi transport," 1963. 147 p. (MIRA 16:5)  
(Antarctic regions--Aerial exploration)



L 13257-63

EWT(d)/FCC(w)/BDS

AFFTC

Pg-4

IJP(C)

S/044/63/000/003/014/047

AUTHOR:

Cherevichnyy, P. T. 56

TITLE:

On the distribution of integral curves of a differential equation in the neighborhood of a high-order singularity 16

PERIODICAL: Referativnyy Zhurnal, Matematika, no 3, 1963, 44, Abstract 3B199  
(Nauchn. Zap. Odessk. Politekhn. In-t, 34, 1961, 39-45).

TEXT:

Examining the homogeneous differential equation

$$\frac{dy}{dx} = \frac{(y-k_1x)(y-k_2x)\dots(y-k_nx)}{(y-\bar{k}_1x)(y-\bar{k}_2x)\dots(y-\bar{k}_nx)} \quad (1)$$

where the constants  $k_1$  and  $\bar{k}_1$  are nonzero and satisfy the following inequalities:

$$\bar{k}_1 < k_1 < \bar{k}_2 < \dots < \bar{k}_p < k_{p+1} < \dots < k_n < \bar{k}_n \quad (2)$$

( $p \leq n$ ), the author proves the following theorems:

Theorem 1. If  $p = 0$ ,  $2n + 2$  hyperbolic regions adjoin the origin.

Card 1/2

L 13257-63

S/044/63/000/003/014/047<sup>0</sup>

On the distribution of integral curves .....

Theorem 3. If  $p = n$ ,  $2n -$  elliptic regions adjoin the origin and, in addition, two or four parabolic regions may adjoin it.

Theorem 5. If  $0 < p < n$  and  $a_p < 0$ , then four parabolic,  $2(n - p)$  hyperbolic, and  $2(p - 1)$  elliptic regions adjoin the origin.

[Abstracter's note: Complete translation.]

Card 2/2

L 13256-63

ENT(d)/FCC(w)/BDS AFFTC

Pg-4 IJP(C)

S/044/63/000/003/015/047

56

AUTHOR: Cherevichnyy, P. T.

TITLE: Expression of the number of elliptic and hyperbolic regions adjoining a singularity of a differential equation by means of the number of parabolic regions and the Poincare index

PERIODICAL: Referativnyy Zhurnal, Matematika, no. 3, 1963, 44, Abstract 3B200 (Nauchn. Zap. Odessk. Politekhn. In-t, 34, 1961, 50-54).

TEXT: As a continuation of a previous article (Abstract 3B199) the author proves the following theorems:

Theorem 2. Let  $f$  be the Poincare index for the singular point (the origin or the coordinate system) of equation (1) of the cited article under conditions (2),  $E$  the number of elliptic,  $H$  the number of hyperbolic, and  $P$  the number of parabolic regions adjoining the origin, and  $N$  the number of different roots of the equation of possible tangents (that is, the number of different invariant straight lines). The following equalities hold:

$$E = N + j - 1 - \frac{P}{2}; \quad H = N - j + 1 - \frac{P}{2}.$$

Card 1/2

L 13256-63

S/044/63/000/003/015/047<sup>0</sup>

Expression of the number of elliptic .....

Theorem 3. If for equation (1), and under the same conditions (2) the inequalities  $2 < p < n - 1$  ( $n > 4$ ) hold and the equation of possible tangents has  $n - 1$  simple and one double root, then the following equalities hold:  $E = 2(p - 2)$ ,  $p = 4$ , and  $H = 2(n - p - 1)$ .

Abstracter's [I. Kukles] comment. The article contains still another theorem 1. We shall not give it as it is a simple repetition of Theorem 5 of the article cited above.

[Abstracter's note: Complete translation.]

Card 2/2

L 13255-63

EWT(d)/FCC(w)/BDS AFFTC IJP(C)

S/044/63/000/003/016/047

52

AUTHOR: Cherovichnyy, P. T.

TITLE: On additional terms and the structure of a singularity of a certain differential equation. |6

PERIODICAL: Referativnyy Zhurnal, Matematika, no. 3, 1963, 44, Abstract 3B201 (Nauchn. Zap. Odessk. Politekhn. In-t., 34, 1961, 62-69).

TEXT: A study is made of the equation

$$\frac{dy}{dx} = \frac{(y-k_1x)(y-k_2x) \dots (y-k_nx) + \eta_1(x, y)}{(y-k_1x)(y-k_2x) \dots (y-k_nx) + \eta_1(x, y)} \quad (1)$$

where the nonzero coefficients  $k_1$  and  $K_1$  satisfy the inequalities:

Card 1/3

L 13255-63

S/044/63/000/003/016/047

On additional terms and the structure .....

$$\begin{aligned} \bar{k}_1 < k_1 < \bar{k}_2 < \dots < \bar{k}_p < k_p < k_{p+1} < \dots \\ \dots < k_n < \bar{k}_n \quad (1 < p < n). \end{aligned} \quad (2)$$

while the functions  $\frac{\eta_1(x, y)}{r^n}$  and  $\frac{\eta_2(x, y)}{r^n}$  satisfy the

conditions: 1) they should tend toward zero when  $r \rightarrow 0$ ; 2) they should satisfy a Lipschitz condition for  $\rho$  with as small a constant as we please. In addition, it is understood that the origin is the sole singularity and that the characteristic equation has only simple roots. The author proves three theorems: 1) If  $p = 1$ , then the distribution of characteristics of equation (1) in the neighborhood of the origin will be qualitatively the same as for the truncated equation (that is, an equation obtained from equation (1) if we set

$$\eta_1(x, y) \equiv \eta_2(x, y) \equiv 0.$$

2) The same also holds true when  $p = n$ . 3) The same holds when  $1 < p < n$  and  $k_p < 0$ .

Card 2/3

L 13255-63

S/044/63/000/003/016/047

On additional terms and the structure .....

Abstracter's [I. Kukles] comment. The problem examined by the author is wholly elementary. If all roots of the characteristic equation are simple and the

fraction  $\frac{Y_n(x, y)}{X_n(x, y)}$  cannot be reduced, then in the case of the equation

$$\frac{dy}{dx} = \frac{Y_n(x, y) + \eta_1(x, y)}{X_n(x, y) + \eta_2(x, y)}$$

(where  $Y_n(x, y)$  and  $X_n(x, y)$  are homogeneous polynomials of degree  $n$  and  $\eta_1$  and  $\eta_2$  satisfy the conditions stated in the article) all exceptional directions will be simple and ordinary. In this case it is well known (refer, for example, to M. Frommer, Uspekhi Matem. Nauk, v. 9, 1941) that the behavior of the characteristics of the total and the truncated equations coincide qualitatively. Thus, all proofs, also the introduced restrictions (Condition (2) requiring that the origin be the sole singularity, also requiring the inequality  $k_p < 0$ ) are superfluous.

[Abstracter's note: Complete translation.]

Card 3/3

CHEREVICHNYI, P.T. (Odessa)

Some applications of Poincaré's index. Ukr. mat. zhur. 17  
no.5:135-136 '65. (MIRA 18:12)

1. Submitted June 23, 1964.



KOZKO, Fedor Isaakovich; PRYAKHIN, Ivan Mikhaylovich; KIRZHNER, D.M.,  
retsenzent; CHEREVIK, A.K., retsenzent; BOYKO, A.A., otv. red.;  
SUROVA, V.A., red. izd-va; BOLDYREVA, Z.A., tekhr. red.

[The economics, organization and planning of production in coal  
mines] Ekonomika, organizatsiia i planirovanie proizvodstva na  
ugol'nykh shakhtakh. Moskva, Gosgortekhnizdat, 1962. 397 p.  
(MIRA 16:1)

(Coal mines and mining)

CHEREVISHNYY, P.

For the masses, that's the basis. Voен.znan. 39 no.9:29 S  
'63. (MIRA 16:10)

1. Nachal'nik Cherkasskogo morskogo kluba.

CHEREVKA, P.P.; MALYUTINA, T.Z.; KOSTIK, N.I.; BYK, I.I.; MIKITYUK, L.P.;  
KISELEVA, M.I.

Analyzing the composition of high-boiling hydrocarbons in the gases  
of the oxidative pyrolysis of methane. Khim. prom. 40 no.8:582-585  
Ag '64. (MIRA 18:4)

SOV/126-8-2-1/26

AUTHORS: Krivoglaz, M. A. and Cherevko, A. S.

TITLE: On the Elastic Moduli of a Solid Mixture

PERIODICAL: Fizika metallov i metallovedeniye, 1959, Vol 8, Nr 2, pp 161-164 (USSR)

ABSTRACT: A theoretical paper in which the elastic properties of a solid two phase system are considered. Formulae are derived for the elastic moduli when the amount of one of the phases is small, or when the concentration is arbitrary but the moduli of the two phases are not very different. The corresponding problem for liquids was solved in Ref 1 in which it was shown that the compressibility of an emulsion is equal to the arithmetic mean of the compressibilities of its components. In the case of a solid mixture the formulae for the elastic moduli are more complicated. Eqs (8) and (9) give the formulae for the bulk modulus and the modulus of rigidity, where  $\sigma_1$  and  $\sigma_2$  are the Poisson coefficients of the two components, and  $K_1$  and  $K_2$  are the bulk moduli;  $c$  is the concentration of the second phase. The elastic properties of each of the phases are considered in the

Card1/2

SOV/126-8-2-1/26

On the Elastic Moduli of a Solid Mixture

elastic continuum approximation. The results obtained are in qualitative agreement with the experimental data reported by Koster and Rauscher (Ref 4) for Ag-Cu, Cd-Zn, Al-Sn and Pb-Sn.

There are 4 references, 3 of which are Soviet and 1 German.

ASSOCIATION: Institut metallofiziki AN UkrSSR (Institute of Metal Physics, Ac. Sc. of the Ukrainian SSR)

SUBMITTED: July 17, 1958

Card 2/2

SHROKUTAN, V.I.; CHEBREVKO, A.S.

Quick-removable device for measuring tension in cables.  
Dokl. Akad. Nauk SSSR, Ser. Tekh. Nauk, 1965, vol. 12, no. 12, p. 1911.  
1 tekhn. inform. 18 no. 12:61-62 D '65 (MIRA 19:1)

CHEREVKO, G., mayor

Visual aids for radio operators. Voen.vest. 41 no.12:95-97  
D '61. (MIRA 15:3)  
(Radio frequency modulation—Receivers and reception)

CHEREVKO, G.I., mayor

Field is the best school of combat training. Vest. protivovozd.  
obor. no.7:65-67 JI '61. (MIRA 14:8)  
(Radio, Military)



OBOZOVSKAYA, V.B.; CHEREVKO, G.P.; GLOGOVYAK, G.I.; MONOKHOV, S.V.

Inexpensive and effective sludge diluent. TSement 27 no.1:21-23  
Ja-F '61. (MIRA 14:2)  
(Cement kilns)

CHEIEVKO, G.P., inzh.; BEVZ, A.N., inzh.; KUDENKO, V.S., inzh.

Technology of production is improving. TSement 30 no.3:18-19  
My-Je '64. (MIRA 17:11)

1. Bakhchisarayskiy kombinat stroitel'nykh materialov.

SENCHENKO, Ya.I.; CHEREVKO, I.A.

History of the central heat supply system in Russia. Nar. z ist.  
tekh. no.2:78-87 '55. (MLRA 9:4)  
(Heating from central stations)

DANILYAK, M.I. [Danyliak, M.I.]; CHEREVKO, N.G. [Cherevko, N.H.]; STARCHAK,  
V.G. [Starchak, V.H.]

Effect of the pH of the medium on determining the activity of the  
"Aspergillus orizae" amyolytic ferments. Khar.prom. no.4:76-78  
O-D '62. (MIRA 16:1)

(Fermentation) (Aspergillus)

DANILYAK, N. I.; CHEREVKO, N. G.; KLEPIKOVA, R. A.

Stability of amylolytic ferments in storage. Spirt. prom. 28  
no.8:11-12 '62. (MIRA 16:1)

1. L'vovskiy sovet narodnogo khozyaystva (for Danilyak).
2. L'vovskiy gosudarstvennyy universitet im. I. Franko (for Cherevko).
3. L'vovskaya vysshaya partiynaya shkola (for Klepikova).

(Fermentation)

CHEREVKO, P., rukovoditel' sovetskoy delegatsii na XX mezhdunarodnom sudokhodnom kongresse v Baltimore (SShA); BALANIN, V., chlen delegatsii na XX mezhdunarodnom sudokhodnom kongresse v Baltimore (SShA)

Twentieth International Congress of Navigation. Rech.transp  
21 no.4:49-53 Ap '62. (MIRA 15:4)  
(Navigation--Congresses)

CHERENKO, P.I.; TESLENKO, V.I.

Experiments. explosions of borehole charges in salt pits.

Sbor. nauch. trua. UkrNIISol' no.7:86-89 '64

(MIRA 18:1)

GOLIK, V.B., inzh.; CHEREVKO, P.I., inzh.; GLYAVIN, V.A.

Industrial testing of the borehole method of salt breaking  
in the Artemovsk deposits. Vzryv. delo no.57/14:290-294 '65.  
(MIRA 18:11)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut solyancy  
promyshlennosti (for Golik, Cherevko). 2. Filial Instituta  
mekhaniki AN UkrSSR (for Glyavin).



CHEREVKO, N. G.

USSR/Chemical Technology. Chemical Products and Their Application -- Fermentation industry, I-27

Abst Journal: Referat Zhur - Khimiya, No 2, 1957, 6470

Author: Chernyavskiy, A. I., Cherevko, N. G., Polishchuk, A. G.

Institution: L'vov Polytechnic Institute

Title: Steeping of Grain by Irrigation

Original

Publication: Nauch. zap. L'vovsk. politekhn. in-ta, 1956, No 22, 135-139

Abstract: Laboratory investigations have shown that on steeping of grain by the irrigation method, with intervals of up to 2 hours, steeping of the grain and its sprouting are accelerated considerably in comparison with the generally utilized method of air-water steeping (4 hours under water and 2 hours without water), while retaining the same qualitative indices of the resulting malt. A project has been worked out of an industrial unit for continuous steeping of grain by the irrigation method, which consists of a washing apparatus (of the potato washing type) and a steeping chamber which comprises a vertical shaft

Card 1/2

USSR/Chemical Technology. Chemical Products and Their Application -- Fermentation industry, I-27

Abst Journal: Referat Zhur - Khimiya, No 2, 1957, 6470

Abstract: inside of which are set, in horizontal position, several rows of screens disposed in a roof-like manner, checkerboard fashion in the vertical direction. There is given a diagram of the unit as well as its principal dimensions and a description of its operation. It is assumed that the proposed unit will make it possible to reduce the duration of malt production, decrease expenditure of water for steeping, eliminate the need of compressed air and decrease the over-all dimensions of the steeping department building.

Card 2/2

DANILYAK, N.I.; CHEREVKO, N.G.

Effect of the active acidity of the culture medium on the  
amylolytic enzymes of the "Aspergillus oryzae" mold fungus.  
Spart. prom. 29 no.7:11-15 '63. (MIRA 16:12)

1. L'vovskiy sovet narodnogo khozyaystva (for Danilyak).
2. L'vovskaya vysshaya partiynaya shkola (for Cherevko).

CHEREVKO, P.

Stroitel'stvo novykh gidrouzlov i zadachi rechnogo transporta. [Construction of new hydroelectric power centers and the problems of river transportation]. (Pravda, 1950, Sept. 18).

SO: Soviet Transportation and Communications, A Bibliography, Library of Congress, Reference Department, Washington, 1952, Unclassified.

CHEREVKO, P. V.

"Completing Successfully the Preparations for Exploitation of the Volga-Don Waterway,"  
Rech. transp., 12, No.2, 1952

CHEREVKO, P.V., zamestitel' ministra.

[Development of river transportation in the U.S.S.R. in the fifth five-year plan] Razvitie rechnogo transporta SSSR v piatoi piatiletke. Moskva, Znanie, 1953. 29 p. (MLRA 6:8)

1. Ministerstvo Morskogo i Rechnogo Flota SSSR.  
(Inland water transportation)

CHEREVKO, P.V., ~~name~~ 'Ministra.

Development of river ports during the fifth five-year plan. no.1:1-4 Ja-F '53. Rech. transp. 13  
(MIRA 6:11)

1. Ministerstvo rechnogo flota SSSR.

(Harbors)

CHEREVKO, P.V.

New machinery and progressive technology are the basis for further improvement in river transportation. Rech.transp. 14 no.12:1-5  
D '55. (MLRA 9:3)

1. Zamestitel' Ministra rechnogo flota.  
(Inland water transportation) (Ships)



CHEMUNAO, P.V.

Water transportations in Belgium. Proizv.-tekh. sbor. no.4:83-98  
'59.

(MIRA 13:10)

(Belgium--Shipping)

CHEREVKO, P.

Provide collective farms of our district with an adequate supply of inexpensive bricks. Sil'.bud. 9 no.5:18  
My '59. (MIRA 13:3)

1. Nachal'nik soveta Aleksandriyskoy mezhkolkhoznoy stroitel'noy organizatsii Kirovogradskoy oblasti.  
(Aleksandriya District--Brickmaking)

GAVRILOV, V.S.; CHEREVKO, P.V.

Increase scientific assistance in solving problems connected  
with the over-all development of transportation. Zhel.dor.transp.  
41 no.3:26-30 Nr '59. (MIRA 12:6)

1. Zamestitel' ministra putey soobshcheniya (for Gavrilov).
2. Zamestitel' ministra rechnogo flota (for Cherevko).  
(Railroad research)

GAVRILOV, V.S.; CHEREVKO, R.V.

"Increase scientific assistance in solving problems connected  
with the over-all development of transportation" by V.S.Gavrilov,  
P.B.Cherevko. Zhel.-dor.transp. 41 no.9:80 S '59.  
(MIRA 13:2)

(Transportation)

CHEREVKO, P.

The Volga-Baltic Sea Waterway is operational. Rech. transp.  
23 no.7:4 J1 '64. (MIRA 17:10)

1. Zamestitel' ministra rechnogo flota RSFSR.

CHEREVKO, P.V., kand.tekhn.nauk

Acceleration of the technical progress in river transportation and problems facing scientists, planners, and designers. Trudy LIVT no.61:5-13 '64.

(MIRA 18:11).

L 38673-66

ACC NR: AT6005156

(N)

SOURCE CODE: UR/3188/64/000/061/0005/0013

AUTHOR: Cherevko, P. V. (Candidate of technical sciences)

ORG: none

TITLE: Acceleration of technical progress in river transport and problems confronting scientists, planners, and designers. (Abridged text of a report delivered at the XVII Scientific-Technical Conference of the Leningrad Institute of Water Transport on 8 April, 1963)

SOURCE: Leningrad. Institut vodnogo transporta. Trudy, no. 61, 1964. Vodnyye puti (Waterways), 5-13

TOPIC TAGS: shipbuilding engineering, hydrofoil, inland waterway transportation, waterway engineering

ABSTRACT: Recommendations for improving inland freight and passenger vessel design and for improving waterways are enumerated. It is proposed that the speeds of freight and passenger vessels be increased by an average of 30-40% (23-30 km/hr) and that those of high-speed vessels be increased by 70-80% (120-140 km/hr). The construction of the following ships and components was mentioned: a diesel freighter with a carrying capacity of 2700 t for traffic in the White-Baltic Sea through the Volga-Baltic waterway; an M-class diesel freighter with a carrying capacity of 5000 t, drive mecha-

UDC: 656.6.004

Card 1/2

L 38673-66

ACC NR: AT6005156

nisms with 1500-2000 and 4000-6000 hp; hydrofoil passenger vessels capable of carrying 40-50 passengers at speeds of 50-60 and 100-120 km/hr and hydrofoil freighters. Mechanization and automation of loading and unloading processes and work connected with cleaning ship holds was urged. Improvement of inland waterways by means of dredging is discussed at length.

SUB CODE: 13/5/      SUBM DATE: none

Card 2/2      vmb



CHEREVKO, S.A.

State of the cardiovascular system in children with chronic  
angiocholecystitis. *Pediatrics* 42 no.8:56-60 Ag'63 (MIRA 17:4)

1. Iz kafedry detskikh bolezney ( zav. - prof. P.N. Gudzenko)  
Chernovitskogo meditsinskogo instituta na Chernovitskoy ob-  
lastnoy detskoy bol'nitsy (glavnyy vrach M.V.Popova)

TENILOV, Aleksandr Pavlovich, inzh.; CHEREVKO, Taisiya Grigor'yevna,  
inzh.; EYDINOV, Yu.S., inzh., red.

[Detection of defects in reinforced concrete articles by means of  
gamma rays] Gammadefektoskopiia zhelezobetonnykh konstruksii. Mo-  
skva, Gos. izd-vo lit-ry po stroit., arkhitekt., i stroit. materialam,  
1961. 11 p. (MIRA 14:11)

1. Akademiya stroitel'stva i arkhitektury SSSR. Institut organizatsii,  
mekhanizatsii i tekhnicheskoy pomoshchi stroitel'stvu. Byuro tekhnicheskoy informatsii.

(Precast concrete--Testing) (Gamma-ray spectrometry)

S/081/61/000/024/058/086  
B149/B102

AUTHOR: Cherevko, T. G.

TITLE: Experience in the application of radioisotopes in quality control of reinforced concrete construction by means of gamma flaw detection

PERIODICAL: Referativnyy zhurnal. Khimiya, no. 24, 1961, 367, abstract 24K335 (Sb. "Radioaktivn. izotopy i yadern. izlucheniya v nar. kh-ve SSSR v. 2". M., Gostoptekhizdat, 1961, 43)

TEXT: Co<sup>60</sup> was used as a gamma radiation source. It had an activity of 0.5 g-equiv. Ra. This activity was sufficient for testing reinforced concrete structural members up to 500 mm thick. With the help of gamma detection the following is determined: concrete density in the part of the object being checked, the presence of voids and air bubbles within concrete, compactness of concrete adherence to reinforcement and the arrangement of the latter, coordinates and contours of defects in the construction element. [Abstracter's note: Complete translation.]

Card 1/1

ACC NR: AP6033211

(N)

SOURCE CODE: UR/0229/66/000/009/0050/0052

AUTHORS: Barannik, V. P.; Lagutina, A. G.; Miroshnichenko, Yu. M.; Cherevko, T. G.

ORG: none

TITLE: Investigation of contact corrosion of welded joints in body steels under sea water

SOURCE: Sudostroyeniye, no. 9, 1966, 50-52

TOPIC TAGS: sea water corrosion, steel welding, corrosion rate, carbon steel, steel, austenitic steel / 09G2 steel, SKhL-4 steel, Yu3 steel, AK-25 steel, AK-29 steel, 3S steel, 4S steel

ABSTRACT: Corrosion stability of body steels 09G2, SKhL-4, Yu3, AK-25, AK-29, 3S, and 4S has been investigated in contact with each other as well as on control samples. The study was performed in the Black Sea. The contact of the body steels was accomplished by hand arc welding with electrodes of the austenitic class. The first five steels were subjected to total, irregular, and algae-type corrosion, the remaining two steels--to total, uniform corrosion. The rate of corrosion was found to be within the limits of  $K_{av} = 0.10 - 0.20$  mm/year,  $K_{max} = 0.30$  mm/year. Towards the end of the 3-year experimental period the corrosion rate tapered down to 0.05 mm/year. Steel Yu3 in contact with steels AK-25 and AK-29 behaves as anodic material and when the ratio

UDC: 620.193.27

Card 1/2

ACC NR: AP6033211'

of surfaces is 1:1 its corrosion rate doubles (as compared with controls). Increase of the area of the anodic material in the welded joint to the ratio 2:1 protects the Yu3 steel from the contact effect of AK-25 steel. Seams welded with austenitic electrodes assure high corrosion stability of joints in sea water. Orig. art. has: 2 tables.

SUB CODE: 11, 13/ SUBM DATE: none/ ORIG REF: 006/ OTH REF: 001

Card 2/2

ACC NR: AP7006021

SOURCE CODE: UR/0203/66/006/005/0956/0956

AUTHOR: Vinnikova, T. L.; Tsivtsivadze, M. M.; Cherevko, T. N.

ORG: Institute of Terrestrial Magnetism, the Ionosphere and Radio Wave Propagation, AN SSSR (Institut zemnogo magnetizma, ionosfery i rasprostraneniya radiovoln AN SSSR)

TITLE: Programs for computing the geomagnetic field by the spherical analysis method

SOURCE: Geomagnetizm i aeronomiya, v. 6, no. 5, 1966, 956

TOPIC TAGS: geomagnetic field, electronic computer / Ural-2 electronic computer

ABSTRACT: The accumulation of much experimental data on the geomagnetic field makes necessary the use of electronic computers for its analysis. This brief paper describes a group of programs which has been developed for use with a "Ural-2" computer for computing the geomagnetic field by the spherical analysis method. Using the programs for different heights  $h$  above the earth it is possible to compute the total vector  $T$  of the magnetic field and its components  $X$ ,  $Y$ ,  $Z$ , the vertical gradients  $\partial T/\partial r$ ,  $\partial X/\partial r$ ,  $\partial Y/\partial r$ ,  $\partial Z/\partial r$ , and also the difference  $\Delta T = T_{\text{obs}} - T_{\text{com}}$  ( $T_{\text{obs}}$  is the total vector of the observed field,  $T_{\text{com}}$  -- the computed field) for projection of the observed field onto a sphere of stipulated radius.

The authors thank N. P. Ben'kovaya and L. O. Tyurminaya for setting up the problem and for constant attention. Orig. art. has: 1 formula. [JPRS: 38,937]

SUB CODE: 08, 09 / SUBM DATE: 18Jan66 / ORIG REF: 002 / OTH REF: 001

Card 1/1

UDC: 550.383

09270803

APRELENKO, G., master radiolyubitel'skogo sporta; CHEREVKO, V., master  
radiolyubitel'skogo sporta.

Radio station collective in the competitions. Radio no.10:  
11-12 '56. (MLRA 9:11)

(Kiev--Radio, Shortwave--Competitions)

L 57505-65 EMT(m)/EMP(i)/EMP(t)/EMP(b)/EMA(h) Feb JD  
ACCESSION NR: AR5013012 UR/0137/65/000/004/E048/E048  
621.791.75.042

2/  
B

SOURCE: Ref. zh. Metallurgiya, Abs. 4E302

AUTHOR: Svyatov, V. A.; Cherevko, V. A.

TITLE: Use of ultrasound to intensify the process of cleaning welding rod

CITED SOURCE: Sb. Primeneniye ul'trazvuka v mashinostr. Minsk, Nauka i tekhnika, 1964, 149-150

TOPIC TAGS: ultrasound, welding rod

TRANSLATION: The Novokramatorsk Machine Building Plant has introduced equipment and technology for cleaning welding wire with the use of ultrasonic oscillations. The method and equipment were developed by associates of the Ultrasound Laboratory of the Scientific Research Institute of the Heavy Machine Building Industry. Wire cleaning is conducted directly in bins. The cleaning process includes the following operations: pickling in an ultrasonic field, washing in running water, passivation, drying with heated air. V. Fomenko.

SUB CODE: IE, GP  
Card 1/1 282

ENCL: 00



CHEREVKOV, A.

MOVEMENT, PSYCHOLOGY OF

Idealistic errors in the study of human movement. P. I. Shpil'berg.  
Fiziol. zhur. 39 no. 1:117 - 121 Ja - F '53

Psychological characteristic of motor habits on the basis of I. P.  
Pavlov's theory of the signal function of the cerebral cortex. A. TS.  
Puni. Teor. i prak. fizkul. 16 no. 1:29 - 39 Ja '53

Social training of the movements of the child. A. Cherevko. Sem'ia i  
shkola 8 no. 3: 13 - 16 Mr '53

KORZHENEVSKIY, I.B.; LOYENKO, A.A.; CHEREVKOV, A.

Development of erosion-caused landslides on the south shore of the  
Crimea. Razved.i okh.nedr 28 no.4:50-51 Ap '62. (MIRA 15:4)

1. Krymskaya opolznevaya gidrogeologicheskaya stantsiya.  
(Crimea--Landslides)

SIZOV, A.A.; CHEREVKOV, K.P., redaktor.

[Mixed crews for introducing new building techniques] Kompleksnye  
brigady po vnedreniiu novoi tekhniki na stroikakh. Leningrad, Gos.  
izd-vo lit-ry po stroit. i architekture, 1953. 46 p. (MLRA 7:8)  
(Building)

CHEREVKOV, M.A.; KHOTYANOVA, G.B., red.; DOTSENKO, A.A., tekhn.  
red.

[Will, courage, friendship; a book on physical culture  
for high-school students] Volia, smelost', druzhba; kniga  
o fizicheskoi kul'ture dlia uchashchikhsia srednego shkol'-  
nogo vozrasta. Moskva, Fizkul'tura i sport, 1963. 294 p.  
(MIRA 17:2)

CHEREVKOV, M. A.

Physical education of pupils Prevel ot ruski Ivan Pavlov. Sofiia. Fizkultura 1951  
275 p.

4 GV 4 82

KORZHENEVSKIY, I.B.; LOENKO, A.A.; CHEREVKOV, V.A. (Yalta)

Fate of beaches of the southern Crimea. Priroda 50 no. 2:60  
F '61. (MIRA 14:2)  
(Crimea--Beaches)

KORZHENEVSKIY, I.V.; LOYENKO, A.A.; CHEREVKOV, V.A.; SUVOROV, A.S.

Control of landslides on mountain roads. Avt.dor. 24 no.4:13-15  
Ap '61. (MIRA 14:5)  
(Road construction) (Landslides)

KORZHENEVSKIY, I.B. (Yalta); LOYENKO, A.A. (Yalta); CHEREVKOV, V.A.  
(Yalta)

Landslides of the shore of southern Crimea. Priroda 52 no.3:69  
'63. (MIRA 16:4)

(Crimea--Landslides)



KORZHENEVSKIY, I.B.; LOYENKO, A.A.; SHEREMETOV, V.A.

Determining the laying of upper slopes of mountain roads. Avt.dor.  
26 no.9:23-24 S '63. (MIRA 16:10)

KORZHENEVSKIY, I.B.; LOYENKO, A.A.; CHEREVKOV, V.A.

New data on landslide phenomena in the Crimean southern coast.  
Sov.geol. 6 no.12:138-142 D '63. (MIRA 16:12)

1. Krymskaya opolznevaya i gidrogeologicheskaya stantsiya.

CHEREVKOV, V1.

Proficient customer service. Prem. keep. no. 9:23 S '56. (MIRA 9:10)  
(Clothing and dress--Repairing)

CHEREVKOVA, D.S.

Some data on the interaction between infusoria and bacteria of  
the Escherichia coli group. Pratsi Od. un. zbir. mol. vchen. un.  
148 no.3:282-292 '58 (MIRA 13:3)  
(Infusoria) (Escherichia coli)