

GIBSEMAN, Ye.Ye., professor; SLOBODOHIKOV, A.Ye., kandidat tekhnicheskikh  
~~INENI;~~ PUSHTORSKIY, Ye.I., redakter; OTOCHNYA, M.A., redakter;  
PETROVSKAYA, Ye., tekhnicheskiy redakter.

[Planning city bridges] Planirovka mostov v gorodakh. Moskva, Izd-vo  
Ministerstva kommunal'nogo khesialistva RSFSR, 1955. 111p. (MIRA 8:6)  
(Bridges--Design)

ANDREYEV, A.B.; ANTONOV, A.I.; ARAPOV, P.P.; BARMASH, A.I.; BEDNYAKOVA,  
 A.B.; BENIN, G.S.; BERESNEVICH, V.V.; BERNSHTEYN, S.A.; BITYUTSKOV,  
 V.I.; BLYUMENBERG, V.V.; BONCH-BRUYKOVICH, M.D.; BORMOTOV, A.D.;  
 BULGAKOV, N.I.; VEKSLER, B.A.; GAVRILENKO, I.V.; GENDLER, Ye.S.,  
 [deceased]; GERLIVANOV, N.A., [deceased]; GIBSHMAN, Ye.Ye.;  
 GOLDOVSKIY, Ye.M.; GOEBUNOV, P.P.; GORYALOV, F.A.; GRINBERG, B.G.;  
 GEYUNER, V.S.; DAMOVSKIY, N.F.; DZEVUL'SKIY, V.M., [deceased];  
 DEMAYLO, P.G.; DYBETS, S.G.; D'YACHENKO, P.F.; DYURNBAUM, N.S.,  
 [deceased]; YEGORCHENKO, B.F. [deceased]; YEL'YASHKEVICH, S.A.;  
 ZHURKOV, L.P.; ZAVEL'SKIY, A.S.; ZAVEL'SKIY, F.S.; IVANOVSKIY,  
 S.R.; ITKIN, I.M.; KAZHDAN, A.Ya.; KAZHINSKIY, B.B.; KAPLINSKIY, S.V.;  
 KASATKIN, F.S.; KATSAUROV, I.N.; KITAYGORODSKIY, I.I.; KOLEBNIKOV,  
 I.F.; KOLOSOV, V.A.; KOMAROV, N.S.; KOTOV, B.I.; LINDE, V.V.;  
 LEBEDEV, H.V.; LEVITSKIY, N.I.; LOKSHIN, Ya.Yu.; LUTSAU, V.K.;  
 MANNKHEBERGER, A.A.; MIKHAYLOV, V.A.; MIKHAYLOV, N.M.; MURAV'YEV, I.M.;  
 NYDEL'MAN, G.E.; PAVLYSHKOV, L.S.; POLUYANOV, V.A.; POLYAKOV, Ye.S.;  
 POPOV, V.V.; POPOV, N.I.; RAKHLIN, I.Ye.; RZHEVSKIY, V.V.; ROZENBERG,  
 G.V.; ROZENTRETER, B.A.; ROKOTYAN, Ye.S.; RUKAVISHNIKOV, V.I.;  
 RUTOVSKIY, B.N. [deceased]; RYVKIN, P.M.; SMIRNOV, A.P.; STEPANOV, G.Yu.,  
 STEPANOV, Yu.A.; TARASOV, L.Ya.; TOKAREV, L.I.; USPASSKIY, P.P.;  
 FEDOROV, A.V.; FERRE, N.E.; FRANKEL', N.Z.; KHEYFETS, S.Ya.; KHLOPIN,  
 M.I.; KHODOT, V.V.; SHAMSHUR, V.I.; SHAPIRO, A.Ye.; SHATSOV, M.I.;  
 SHISHKINA, N.N.; SHOR, E.R.; SHPICHENETSKIY, Ye.S.; SHPRINK, B.E.;  
 SHTERLING, S.Z.; SHUTYY, L.R.; SHUKHGAL'TER, L. Ya.; ERVAYS, A.V.;

(Continued on next card)

ANDREYEV, A.B. (continued) .... Card 2.

YAKOVLEV, A.V.; ANDREYEV, Ye.S., retsensent, redaktor; BERKENGHEYM, B.M., retsensent, redaktor; BERMAN, L.D., retsensent, redaktor; BOLTINSKIY, V.N., retsensent, redaktor; BONCH-BRUYEVICH, V.L., retsensent, redaktor; VELLER, M.A., retsensent, redaktor; VINOGRADOV, A.V., retsensent, redaktor; GUDTSOV, N.T., retsensent, redaktor; DEGTYAREV, I.L., retsensent, redaktor; DEM'YANYUK, F.S., retsensent, redaktor; DOBROSMYSLOV, I.N., retsensent, redaktor; YKLANCHIK, G.M., retsensent, redaktor; ZHEMOCHKIN, D.N., retsensent, redaktor; SHURAVCHENKO, A.N., retsensent, redaktor; ZLODEYEV, G.A., retsensent, redaktor; KAPLUNOV, R.P., retsensent, redaktor; KUSAKOV, M.M., retsensent, redaktor; LEVINSON, L.Ye., [deceased] retsensent, redaktor; MALOV, N.N., retsensent, redaktor; MARKUS, V.A., retsensent, redaktor; METELITSYN, I.I., retsensent, redaktor; MIKHAYLOV, S.M., retsensent, redaktor; OLIVETSKIY, B.A., retsensent, redaktor; PAVLOV, B.A., retsensent, redaktor; PANTUKOV, M.P., retsensent, redaktor; PLAKSIN, I.N., retsensent, redaktor; RAKOV, K.A., retsensent, redaktor; RZHAVINSKIY, V.V., retsensent, redaktor; RINBERG, A.M., retsensent, redaktor; BOGOVIN, N. Ye., retsensent, redaktor; RUDENKO, K.G., retsensent, redaktor; RUTOVSKIY, R.N., [deceased] retsensent, redaktor; RYZHOV, P.A., retsensent, redaktor; SANDOMIRSKIY, V.B., retsensent, redaktor; SKRAMTAYEV, B.G., retsensent, redaktor; SOKOV, V.S., retsensent, redaktor; SOKOLOV, N.S., retsensent, redaktor; SPIVAKOVSKIY, A.O., retsensent, redaktor; STRAMENTOV, A.Ye., retsensent, redaktor; STRELETSKIY, N.S., retsensent, redaktor;  
(Continued on next card)

ANDREYEV, A.V., (continued) .... Card 3.

TRIT'YAKOV, A.P., retsenzent, redaktor; FAYERMAN, Ye.M., retsenzent, redaktor; KHACHATYROV, T.S., retsenzent, redaktor; CHERNOV, H.V., retsenzent, redaktor; SHERGIN, A.P., retsenzent, redaktor; SHESTOPAL, V.M., retsenzent, redaktor; SHESHKO, Ye.F., retsenzent, redaktor; SECHAPOV, N.M., retsenzent, redaktor; YAKOBSON, M.O., retsenzent, redaktor; STEKпанOV, Yu.A., Professor, redaktor; DEM'YANYUK, F.S., professor, redaktor; ZNAMENSKIY, A.A., inzhener, redaktor; PLAKSIN, I.N., redaktor; RUTOVSKIY, B.N. [deceased] doktor khimicheskikh nauk, professor, redaktor; SHUKHGAL'TER, L. Ya, kandidat tekhnicheskikh nauk, dotsent, redaktor; BRESTINA, B.S., redaktor; ZNAMENSKIY, A.A., redaktor.

(Continued on next card)

ANDREYEV, A.V. (continued) .... Card 4.

[Concise polytechnical dictionary] Kratkii politekhnicheskii slovar'. Redaktsionnyi sovet; IU.A.Stepanov i dr. Moskva, Gos. izd-vo tekhniko-teoret. lit-ry, 1955. 1136 p. (MLRA 8:12)

1. Chlen-korrespondent AN SSSR (for Plaksin)  
(Technology--Dictionaries)

GIBSHMAN, Yevgeniy Yevgen'yevich, professor; AVRUSHCHENKO, P.A., redaktor;  
~~KONYASHINA, A., tekhnicheskij redaktor~~

[Construction of wooden bridges in cities] Stroitel'stvo derevian-  
nykh mostov v gorodakh. Moskva, Izd-vo Ministerstva kommunal'nogo  
khoziaistva RSFSR, 1956. 110 p. (MLRA 9:9)  
(Bridges, Wooden)

GIBSEMAN, Yevgeniy Yevgen'yevich, professor, doktor tekhnicheskikh nauk;  
POLIVANOV, S.I., redaktor; KOGAN, P.L., tekhnicheskii redaktor.

[Designing steel structures, combined with reinforced concrete,  
for automobile-road bridges] Preektirovanie stal'nykh konstruk-  
tsii, ob"edinennykh s zhelezobetonem, v avtodorozhnykh mostakh.  
Moskva, Nauchno-tekhn. izd-vo avtotransp. lit-ry, 1956. 230 p.  
(Bridges) MLRA 9:6)

GIBSHMAN, Ye.Ye., prof.

Fifth international congress on bridges held in Lisbon. Avt.dor.  
19 no.11:30-32 N '56. (MIRA 10:10)  
(Lisbon--Bridges--Congresses)



GIBSEMAN, Yevgeniy Yevgen'yevich, prof., doktor tekhn.nauk, zaslužennyy  
doyatel nauki i tekhniki RSPSR; GOLUBKOVA, Ye.S., red.; KOGAN,  
F.L., tekhn.red.

[Fifth International Congress on Bridge and Structural Engineering]  
Platy Mezhdunarodnyi kongress po mostam i konstruktsiam. Moskva,  
Nauchno-tekhn.isd-vo avtotransp.lit-ry, 1957. 51 p. (MIRA 12:10)  
(Bridges) (Building, Iron and steel)

SKOPICH, V.M., kandidat tekhnicheskikh nauk; GIBSHMAN, Ye.Ye., zasluzhennyy deyatel' nauki i tekhniki RSFSR, professor, redaktor; GOLUBKOVA, Ye.S., redaktor; GALAKTIONOVA, Ye.N., tekhnicheskiy redaktor

[Highway bridges made of prestressed reinforced concrete] Avtodorozhnye mosty iz napriazhenno-armirovannogo betona. Pod red. E.M. Gibshmana. Moskva, Nauchno-tekhn. izd-vo avtotransp. lit-ry, 1957. 311 p. (MLRA 10:4)  
(Bridges, Concrete)

*Г. И. С. ...*  
GIBSEMAN, Yevgeniy Yevgen'yevich, prof. doktor tekhn.nauk, zasluzhennyy  
deyatel' nauki i tekhniki RSPSR; GOLUBKOVA, Ye.S., red.;;  
GALAKTIONOVA, Ye.N., tekhn.red.

[Bridges] Mosty. Moskva, Nauchno-tekhn.izd-vo avtotransp. lit-ry,  
1957. 490 p. (MIRA 11:2)  
(Bridges)

*Содержание*  
GIBSHMAN, Ye.Ye., prof.; KHAZAN, I.A., insh.; CHARUYSKIY, A.P., insh.

Highway bridge construction during the years of the Soviet regime.  
Avt.dor. 20 no.10:25-28 0 '57. (MIRA 10:12)  
(Bridge construction--History)

SOV/97-58-8-2/13

AUTHOR: Gibshman, Ya. Ye., Doctor of Technical Sciences, Professor

TITLE: Building Pre-cast Pre-stressed Reinforced Concrete Road  
Bridges in USSR (Stoitel'stvo predvaritel'no napryazhennykh  
zhelezobetonnykh avtodorozhnykh mostov v SSSR)

PERIODICAL: Beton i Zhelezobeton, 1958, Nr 8, pp 286-291 (USSR)

ABSTRACT: The use of pre-cast pre-stressed reinforced concrete for  
bridge constructions in the USSR commenced in 1948-1949.  
Figure 1 illustrates the first bridge constructed by this  
method. Bridges constructed prior to 1948 were mainly  
of beam constructions, or concrete bridges with post-  
tensioning using the reinforcing elements system of A.P.  
Korovkin. Pre-stressed reinforced concrete multi-beam road  
bridges constructed in the USSR have spans up to 42 m and  
multi-beam console-type bridges up to 53 m; at the  
present time, bridges built with the latter construction  
have spans of 84 m. All these bridges are designed for  
traffic of vehicles of up to 19.9 or 30 tons and single  
heavy loads of up to 60 or 80 tons. Figure 2 illustrates  
standard construction of pre-cast bridge spanning 31.96 m.  
Batch reinforcement consisting of 4 or 5 mm diameter wires  
is used varying in numbers from 30 - 45, depending on their

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Building Pre-cast Pre-stressed Reinforced Concrete Road Bridges in USSR

limit of strength (12 000 - 17 000 kg/cm<sup>2</sup>). This reinforcement is tensioned by applying a load of 54 tons. A bridge across the River Moskva constructed in 1956, according to the design of Engineer I.A. Stolyarskay, has the largest span (Figure 3). It has four arches and a total length of 180 m. These bridge beams were cast on the site from concrete of 500 kg/cm<sup>2</sup>. Figure 4 illustrates details of batch reinforcement used for these beams spanning 42.3 m. Each span is bridged by seven "I"-shaped beams 2 m high weighing 80 tons. Figure 5 illustrates construction of pre-cast bridge trusses consisting of standard sections. Completed pre-cast block of a bridge span is illustrated in Figure 6. It weighs between 5 - 6 tons. It is constructed using coupled metal-form as illustrated in Figure 7. These standard bridge sections could be used for bridges of various widths from 6 - 24.5 m. Plans for bridges of this type were worked out by Engineer Bakit'ko. Construction of pre-cast multi-beam console type bridge from pre-stressed reinforced concrete is shown in Figure 8. The "crane-frame" is a steel truss construction consisting of two spans which assist during the assembly of these pre-cast bridge units (Figure 9). The following two new

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methods were developed: in the first, reinforcing elements are situated in open channels which are finally filled with concrete and the second envisages considerable use of stand method of production of bridge beams. In this latter method, the tensioning of reinforcement is carried out before casting of the concrete. The construction with the reinforcement in open channels is used for aqueducts and trestles in Moscow. Figure 10 illustrates such a construction from pre-cast, pre-stressed reinforced concrete 1.25 m high, spanning 22.2 m. These beams weigh 36 tons. The construction of this bridge was designed by Candidate of Technical Sciences M.A. Kalashnikov, who received an award for this in 1956. At present, the stand method of production of bridge units is being developed. These constructions have sizeable batch reinforcement and are fixed by reinforced concrete anchors, type MIIT. The most effective constructions of multi-span pre-cast reinforced concrete bridges are those having similar moments. Construction of such a bridge spanning 33 m was designed by Engineer A. Ya. Zhuravlev (Figure 11). Other constructions are designed in such a way that the

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in USSR

lower part is compressed and the top part forms the  
bracing as, for example, in the design of Engineer  
V.A. Korobov, as illustrated in Figure 12a, b. Construction  
of Engineer V.D. Vasilyev (Figure 12v) is similar to  
that of Professor V.M. Pankratov. Arch bridge elements  
consisting of individual blocks are illustrated in  
Figure 12g. There are 12 figures.

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GIBSHMAN, Yevgeniy Yevgen'yevich, prof., doktor tekhn.nauk; POLIVANOV,  
N.I., red.; VARGANOVA, A.N., red.izd-va; LELYUKHIN, A.A.,  
tekhn.red.

[Urban engineering structures] Gorodskie inzhenernye sooruzhenia.  
Moskva, Izd-vo M-vo kommun.khoz. RSFSR, 1959. 357 p. (MIRA 12:11)  
(Civil engineering)

GIBSHMAN, Ye.Ye., prof.

Technical and economic trends in bridge construction. Avt.dor.  
22 no.2:6-9 P '59. (MIRA 12:2)  
(Bridge construction)

GIBSHI ~~all~~ Ye.Ye., prof.; POGORELKO, K.A., dotsent

Rubber shock absorbers for bridges. Avt.dor. 23 no.11:23-24  
N°60. (MIRA 13:11)  
(Bridges, Concrete)

GIBSEMAN, Ye.Ye., prof.

Sixth International Congress on Bridge Construction. Avt. dor.  
23 no. 12:22-25 D '60. (MIRA 13:12)  
(Stockholm--Bridge construction--Congresses)

GIBSHMAN, Yevgeniy Yevgeniyevich, prof., doktor tekhn. nauk, zaslushen-  
nyy deyatel' nauki i tekhniki RSFSR; GOLUBKOVA, Ye.S., red.;  
NIKOLAYEVA, L.N., tekhn. red.

[International Congress on Bridge and Structural Engineering] VI  
Mezhdunarodnyi kongress po mostam i konstruksiiam. Moskva,  
Nauchno-tekhn. izd-vo M-va avtomobil'nogo transp. i shosseinykh  
dorog RSFSR, 1961. 62 p. (MIRA 14:8)  
(Bridge construction.—Congresses)

GRATSIANSKIY, M.N., kand. tekhn. nauk; KOSTOMAROV, V.M., kand. tekhn. nauk; ALEKSANDROVSKIY, Yu.V., kand. tekhn. nauk; KARAGODIN, V.L., inzh.; KARAGODIN, A.L., inzh.; ANUPOLYEV, V.Ye., kand. tekhn. nauk; KURDYUMOV, M.D., inzh.; DZHUNKOVSKIY, N.N., doktor tekhn. nauk, prof.; ABRAMOV, S.K., kand. tekhn. nauk; KEDROV, V.S., kand. tekhn. nauk; GIBSHMAN, Ye.Ye., prof., red.; YEGOROV, P.A., inzh., red.; VARGANOVA, A.N., red. izd-va; LELYUKHIN, A.A., tekhn. red.

[Manual for the design, construction and operation of urban roads, bridges and hydrotechnical structures] Spravochnik po proektirovaniu, stroitel'stvu i ekspluatatsii gorodskikh dorog, mostov i gidrotekhnicheskikh sooruzhenii. Red. kol. E.E. Gibshan, N.N.Dzhunkovskii, P.A.Egorov. Moskva, Izd-vo M-va kommun.khoz. RSFSR. Vol.2. [Hydrotechnical structures] Gidrotekhnicheskie sooruzhenia. Red. toma: N.N.Dzhunkovskii, M.D.Kurdiumov. 1961. 706 p. (MIRA 15:3)  
(Hydraulics) (Hydraulic engineering)

GIBSHMAN, Yevgeniy Yevgen'yevich, prof., zasl. deyatel' nauki i tekhniki  
RSFSR, doktor tekhn. nauk; KALMYKOV, Nikolay Yakovlevich, prof.  
[deceased]; POLIVANOV, Nikolay Ivanovich, prof.; KIRILLOV, Vya-  
cheslav Sergeevich, dots.; IL'YASEVICH, S.A., doktor tekhn.  
nauk, prof., retsenzent; DEBERDEYEV, B.S., red.; GALAKTIONOVA,  
Ye.N., tekhn. red.

[Bridges and other road structures] Mosty i sooruzhenia na dorogakh;  
obshchii kurs. Moskva, Nauchno-tekhn.izd-vo M-va avtomobil'nogo  
transp.i shosseinykh dorog RSFSR, 1961. 813 p. (MIRA 14:12)  
(Road construction)

ROSSIYSKIY, Vladimir Alekseyevich, prof.; NAZARENKO, Boris Pavlovich, kand. tekhn. nauk; SLOVINSKIY, Nikolay Aleksandrovich, kand. tekhn. nauk; GIBSHMAN, Ye.Ye., prof., doktor tekhn. nauk, retsenzent; KALMYKOV, N.Ya., doktor tekhn. nauk, prof., retsenzent[deceased]; POLIVANOV, N.I., prof., doktor tekhn. nauk, retsenzent; KIRILLOV, V.S., kand. tekhn. nauk, retsenzent; BASOV, S.Ye., inzh., retsenzent; PANKRATOV, V.M., inzh., red.; GANYUSHIN, A.I., red., izd-va; BODANOVA, A.P., tekhn. red.

[Examples of the design of precast reinforced concrete bridges]  
Primery proektirovaniya sbornykh zhelezobetonnykh mostov. Moskva, Avtotransizdat, 1962. 494 p. (MIRA 16:2)

1. Glavnyy spetsialist po mostam Khar'kovskogo otdeleniya Gosudarstvennogo proyektного instituta po promyshlennomu transportu (for Basov).

(Bridges, Concrete--Design and construction)



GIBSHMAN, Ye.Ye., doktor tekhn.nauk; KALASHNIKOV, N.A., kand.tekhn.nauk;  
SERFGIN, I.N., inzh.

Make wider use of composite beams in the spans of road  
bridges. Transp.stroi. 12 no.7:49-51 J1 '62. (MIRA 16:2)  
(Beams and girders) (Bridge construction)

ULITSKIY, Boris Yefimovich, doktor tekhn. nauk; GIBSHMAN, Ye.Ye.,  
doktor tekhn. nauk, ~~prof.~~, ~~sovl.~~ deyatel' nauki i tekhniki  
RSPSR, reitsent; GOLUBKOVA, Ye.S., red.; BODANCOVA, A.P.,  
tekhn. red.

[Three-dimensional calculation of coreless bridge spans]  
Prostranstvennyi raschet bezdiafragmennykh proletnykh stro-  
enii mostov. Moskva, Avtotransizdat, 1963. 204 p.

(MIRA 16:7)

(Bridges--Design and construction)

GIESHMAN, Yevgeniy Yevgen'yevich, inzh.; GIESHMAN, Mikhail  
Yevgen'yevich, dots.; DRUGANOVA, A.B., inzh., retsenzent;  
GOLUEKOVA, Ye.S., red.; GALAKTIONOVA, Ye.N., tekhn. red.

[Theory and calculations of prestressed concrete bridges]  
Teoriia i raschet predvaritel'no napriashennykh zhelezo-  
betonnykh mostov. Moskva, Avtotransizdat, 1963. 396 p.  
(MIRA 16:5)

(Bridges, Concrete—Design and construction)

SOSYANTS, V.G., inzh.; YUDIN, V.A., kand. tekhn.nauk; KNORRE, V.E., inzh.; LANTSEBERG, Yu.S., inzh.; DAVIDYANTS, N.M., inzh.; GEZENTSVEY, I.B., kand. tekhn. nauk; YEGOROV, P.A., inzh.; FAYNEBERG, E.S., inzh.; BAGDASAROV, S.M., inzh.; GUREVICH, I.V., kand. tekhn. nauk; CHERNYSHOV, B.G., inzh.; GADZHINSKIY, T.G., inzh.; ZASOV, I.A., kand. tekhn.nauk; BALOVNEV, V.I., kand. tekhn.nauk; GIBSHMAN, Ye.Ye., prof., red.; DZHUNKOVSKIY, N.N., prof., red.; BOLOTINA, A.V., red. izd-va; LELYUKHIN, A.A., tekhn. red.

[Manual for the design, construction, and maintenance of urban roads, bridges, and hydrotechnical structures]  
Spravochnik po proektirovaniu, stroitel'stvu i ekspluatatsii gorodskikh dorog, mostov i gidrotekhnicheskikh sooruzhenii. Red. kol.E.E.Gibshman, N.N.Dzhunkovskii, P.A. Egorov. Moskva, Izd-vo M-va kommun.khoz.RSFSR. Vol.3.  
[Roads] Dorogi. 1963. 814 p. (MIRA 16:7)  
(Roads)

GIBSHMAN, Yevgeniy Yevgen'yevich, prof., doktor tekhn.nauk, zasl.  
deyatel' nauki i tekhniki RSFSR; GOLUBKOVA, Ye.S., red.;  
GORYACHKINA, R.A., tekhn. red.

[New developments in the construction of reinforced-  
concrete bridges] Novoe v stroitel'stve zhelezobetonnykh  
mostov; konferentsiya po zhelezobetonnykh mostam v Smolenske.  
Moskva, Avtotransizdat, 1963. 49 p. (MIRA 16:10)  
(Bridges, Concrete)

GILSHMAN, Ye.Ye., prof.; SLOBODCHIKOV, A.Ya., dots.; GROUDA, V.I.,  
red.

[Municipal engineering structures] Gorodskie inzhener-  
nye sooruzhenia. Moskva, Rosvuzizdat, 1963. 72 p.  
(MIRA 17:6)

ALLENBY, ...  
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GLASHMAN, Yevgeniy Yevgen'yevich, eng. nauch. kandid. i dokt. nauch. KSPSR, prof., doktor tekhn. nauk; GIL'BERMAN, V.A., prof.,  
retsensent; ROSSLYSKIY, V.A., prof., retsenzent;  
GOLIKOVA, Ye.N., red.

[Design of wooden bridges] Proektirovaniye derev'yannykh  
mostov. Moskva, Transport, 1966. 307 p. (LIBA 18:3)



GIBSMAN, E.

Comparative test results of foreign and domestic types of winter wheat  
in Vojvodina in 1956/57. P 24

POLJOPRIVREDA. (Društvo podjoprivrednih inženjera i tehničara Srbije)  
Beograd, Yugoslavia Vol. 6, no. 4, Apr. 1958

Monthly List of East European Accessions (EEAI) LC. vol. 8, no. 9, Sept. 1959

Uncl.

GIBSON, T.

Cartilage transplants. Khirurgia 35 no.8:102-103 Ag '59.  
(MIRA 13:12)

(CARTILAGE--TRANSPLANTATION)

GIBI, E.

Gibi, E. -- 'On the Structure of the Physical-Training Lessons in the  
Soviet State Order of Lenin and Order of Labor Red Banner Insti-  
tute of Physical Culture and P. F. Lesyaft. Leningrad, 1951.  
(Dissertation for the Degree of Candidate in Pedagogical Science)

in: Knizhnaya katekhoz, No 1, 1956

(SIC) ALL INFORMATION CONTAINED

Poland/Chemical Technology - Chemical Products and Their Application. Treatment  
of Natural Gases and Petroleum. Motor Fuels.  
Lubricants, I-13

Abst Journal: Referat Zhur - Khimiya, No 19, 1956, 62621

Author: Gicala, Roman

Institution: None

Title: Utilization of Petroleum from One of the Polish Deposits for the  
Production of High Grade Oils

Original  
Periodical: Wykorzystanie ropy Wielopole dla produkcji olejow lux, Nafta (Polska),  
1956, 12, No 3, 76-78; Polish

Abstract: Technological data on processing of low paraffin petroleum and pro-  
duction of lubricating oil of Lux grade.

Card 1/1

GICHEV, PENYU

Induction Heating and High Frequency Hardening of Steel Parts.  
In the Bulgarian Heavy Industry, 4:42:April 55

GICHEVA, Eva Petrova

~~SOURCE (in caps); Given Names~~

Country: Bulgaria

Academic Degrees: not indicated

Affiliation: not indicated

Source: Sofia, Geografiya, No 2, 1961, pp 20-22

Data: "The Fiji Archipelago--A Product of Corals and Volcanoes"

*С. П. П. П.*

LEFAYET, A.A.; RYAZANOV, V.A.; KHOTSYANOV, L.K.; MOROZOV, A.L.; MARTSINKOVSKIY,  
B.I.; MITREYEV, G.A.; IVANOV, V.A.; IZRAEL'SON, Z.I.; ORLOV, N.I.; CHER-  
KINSKIY, S.N.; BERYUSHOV, K.G.; KIBAL'CHICH, I.A.; TARASENKO, N.Yu.; DRA-  
GICHINA, Ya.A.; VORONTSOVA, Ye.I.; SANINA, Yu.P.; KREMNEVA, S.N.; KULA-  
GINA, V.K.; SHAFRANOVA, A.S.; TIKHAYA, M.G.; MOLOKANOV, K.P.; RAZUMOV, N.P.;  
KURLYANDSKAYA, E.B.; KHALIZOVA, O.D.

In memory of Professor N.S.Pravdin. Sig.1 san. no.4:61 Ap '54.

(WLRA 7:4)

(Pravdin, Nikolai Sergeevich, )

SIMPSON, J. . .

SIMPSON, J. . . -- "Wild and Scenic Rivers in America: The Outlook  
for Its Utilization." San Diego: Western Wild and Scenic Rivers  
Council, 1966.  
(Dissertation for the degree of Master of Arts in Geography, University of  
California, San Diego, 1966).

2: Management of Wild and Scenic Rivers, 1966



1. 22175-66 ENT(d)/FEC/ISS-2/ENT(1)/SEC(k)-2/ENK(d)/T-2 WR

ACC NR: AP8007801

SOURCE CODE: UR/0256/86/000/002/0043/0047

AUTHOR: Gienko, G. A. (Colonel)

55  
B

ORG: none

TITLE: Tracking a large number of targets

SOURCE: Vestnik protivovzduшной oborony, no. 2, 1966, 43-47

TOPIC TAGS: radar, personnel training, radar operator training, target tracking, antiaircraft defense

ABSTRACT: This article discusses improved training techniques for use in radar target-tracking stations. The techniques are designed to improve and evaluate operators and station personnel in the acquisition and tracking of a large number of targets at all altitudes and in the presence of radio interference. The need to develop teams of operators, plotters, computers, etc., whose capabilities in their fields are of a comparable level, is stressed. Outlines for following and evaluating trainee progress are discussed along with shortcomings in other training and operational procedures. More use of training films, simulators, and other training aids is suggested. Orig. art. has: 2 figures. [LB]

Card 1/1 BK

SUB CODE: 17/ SUBM DATE: none

FISHOV, N.I.; CHERNOV, M.S.; GICHKO, T.A.

Leonid Petrovich Khersonskii. 30th anniversary of the medical,  
scientific and public activity. Vest.oto-rin 17 no.4:82  
Jl-Ag '55. (MLRA 8:10)

(BIOGRAPHIES,  
Khersonskii, Leonid P.)

GICHKO, V.A.

Work practices of Mine No.76/75 for the improvement of technical  
and economic indices. Ugol' 36 no.6:11-13 Je '61.

(MFA 14:7)

1. Nachal'nik shakhty No.76/75 kombinata Kizelugol'  
(Permskiy sovnarkhoz).  
(Kizel Basin--Coal mines and mining)

SIDOROV, I.N.; KUKLIN, I.S.; KHRUSHCHEV, G.N.; SHTUKATUROV, K.M.; ROZOV,  
B.V.; BUDKOV, V.Ye.; VANYUSHIN, N.M.; GICHKO, V.A.; SUMIN, A.A.

Hydraulic breaking of hards in the Kizel Basin coal mines. Ugol'  
37 no.3:16-18 Mr '62. (MIRA 15:2)

1. Gornogeologicheskii institut Ural'skogo filiala AN SSSR (for  
Sidorov, Kuklin, Khurshchev, Shtukaturv). 2. Kombinat Kizelugol'  
(for Rozov, Budkov, Vanyushin, Gichko, Sumin).  
(Kizel Basin--Hydraulic mining)

GICHNER, Tomas

SURNAMES, Given Names

Country: Czechoslovakia

Academic Degrees: not given

Affiliation: Biologic Institute, Czecho slovak Academy of Sciences  
(Biologicky ustav CSAV, Prague)

Source: Prague, Biologia Plantarum, Vol 3, No 4, 1961; pp305-311

Data: The Activity of Trypsin-Inhibitor in Seeds of some Varieties  
and Species of Soyabeans and correlation between the activity  
of Trypsin Inhibitor and content of oil"

(CSAV: Ceskoslovenska Akademie Ved)

GPO 98164)

VELEMINSKY, Jiri; GICHNER, Tomas

Cytological and genetic effects of the insecticide Systox  
on the *Vicia faba* L. and *Arabidopsis thaliana* L. (Heynh).  
*Biologia plantarum* 5 no.1:41-52 '63.

1. Institute of Experimental Botany, Czechoslovak Academy  
of Sciences, Praha - Dejvice, Na cvicisti 2.

VELEMINSKY, J.; GICHNER, T.

Symposium on mutation induction and mutation processes. Vestnik  
CSAV 73 no.3:494-497 '64.

GIDAI, L.

"Lithogenetic and paleogeographic examination of the sea Middle  
Eocene sediments west and southwest of Cluj" by N. Meszaros.  
Reviewed by L. Gidai. Foldt kozl 93 no.1:141 Ja-Mr '63.



GIDAKOVIC, S.

Norms achieved during the construction of the Zvornik Hydroelectric Station. p. 21.  
(Izgradnja, Vol. 11, No. 1, Jan. 1957, Beograd, Yugoslavia)

SO: Monthly List of East European Accessions (EAL) Lc. Vol. 6, No. 8, Aug 1957, Uncl.

GIDAL', G.; PUZYR', V.

Striving for over-all mechanization. Mor. flot 22 no.2:17  
F '62. (MIRA 15:4)

1. Predsedatel' pervichnoy organizatsii Nauchno-tekhnicheskogo  
obshchestva vodnogo transporta (for Gidal'). 2. Zamestitel'  
predsedatelya pervichnoy organizatsii Nauchno-tekhnicheskogo  
obshchestva vodnogo transporta (for Puzyr').  
(Harbors--Equipment and supplies)

GIBAL', Grlgoriy Mikhaylovich; ZAREZIN, I.V., red.

[Effective use of mooring structures during reconstruction] Effektivnoe ispol'zovanie prichal'nykh sooruzhenii pri rekonstruktsii. Moskva, Transport, 1964. 111 p.  
(MIRA 18:1)

JELLINEK, Harry, dr.; TABAK, Peter; GIDAL, Julia

Diagnostic problems in tuberculosis in aged patients. Tuberkulozis  
13 no.4:104-106 Ap '60.

1. A Budapesti Orvostudományi Egyetem II. sz. Kóronctani Intézetének  
(igazgató: Haranghy, László, dr.) és a Kallai, Éva utcai Kisegítő, Korház  
(igazgató: Kemény, János, dr.) prosecturájának közleménye.  
(TUBERCULOSIS PULMONARY in old age)

PAVLOVSKIY, Ye.N., akademik, glav. red.; KOZHIN, N.I., prof.,  
red.; PIROZHNIKOV, P.L., kand. biol. nauk, red.;  
ISAYEV, A.I., red.; REZNICHENKO, O.G., red.;  
GIDALEVICH, A.M., red. izd-va; MAKUNI, Ye.V., tekhn. red.

[Fishing industry of inland bodies of water of the U.S.S.R.]  
Rybnoe khoziaistvo vnutrennikh vodoemov SSSR; osnovnye dokla-  
dy. Moskva, Izd-vo AN SSSR, 1963. 227 p. (MIRA 16:12)

1. Vsesoyuznoye soveshchaniye po biologicheskim osnovam ryb-  
nogo khozyaystva na vnutrennikh vodoemakh SSSR. 2. Gosudar-  
stvennyy nauchno-issledovatel'skiy institut ozernogo i rechno-  
nogo rybnogo khozyaystva, Leningrad (for Pirozhnikov).

SHAPOSHNIKOVA, Gayana Khristorovna; ZHADIN, V.I., prof., otv. red.

~~GIDALEVICH, A.M., red,~~

[Biology and distribution of fishes in rivers of the Ural  
River type] Biologiya i raspredelenie ryb v rekakh Ural'skogo  
tipa. Moskva, Nauka, 1964. 174 p. (MIRA 17:11)

AUTHOR: Sidalevich, B A 007/132-58-12-13/14  
TITLE: Our Remarks (Nashi zamechaniya)  
PERIODICAL: Razvedka i okhrana nedr, 1958, Nr 12, p 57 (USSR)  
ABSTRACT: This is an answer to an article published in Nr 3 (1957) by  
A.F. Charkin on the classification of reserves of brick and  
tile clays.  
ASSOCIATION: Yuzhnaya geologorazvedochnaya ekspeditsiya (The South Geo-  
logical and Prospecting Expedition).

Card 1/1

ARENZOV, Yu.N.; ARBUZOV, L.S.; GIDALEVICH, B.A.; POPOV, I.S.,  
red.; NATSIK, F.F., red.; YAITSKIY, G.G., red.;  
KOCHEVNIKOV, K.I., red.

[Building materials of Kherson Province; mineral raw  
material base] Stroitel'nye materialy Khersonskoi ob-  
lasti; mineral'no-syr'evaya baza. Kiev, Gosstroizdat  
USSR, 1966. 102 p. (MIA 17:6)

1. Eneprogeologiya, trust.



GIDALEVICH, M.G.; DUL'NEVA, I.P.; ZASLAVSKIY, A.S.; UL'YANKIN, M.G.

Removal of water from washed grapes during the manufacture of  
juice. Kons. i ov. prom. 14 no.6:5-7 Je '59. (MIRA 12:8)

1. Moldavskiy nauchno-issledovatel'skiy institut pishchevoy promyshlen-  
nosti.

(Grape juice)

POPOVSKIY, V.G.; GIDALEVICH, M.G.; DUL'NEVA, I.P.

Using new equipment for the manufacture of grape juice.  
Kons.i ov.prom. 14 no.12:8-12 D '59. (MIRA 13:3)

1. Moldavskiy nauchno-issledovatel'skiy institut pishchevoy  
promyshlennosti.  
(Grape juice)

POPOVSKIY, V. G.; ~~GIDALEVICH, M. G.~~; DUL'NEVA, I. P.; ZASLAVSKIY, A. S.;  
Prinimali uchastiye: UL'YANKIN, M. G.; ZELENSKAYA, M. I.;  
SHCHELOKOVA, I. M.; DANILOV, M. A.; SHVETS, A. T.

Improving the technology of grape juice manufacture. Trudy  
MNIIPP 1:9-37 '61. (MIRA 16:1)

(Moldavia--Grape juice)

GIDALEVICH, M. G.; DUL'NEVA, I. P.; ZASLAVSKIY, A. S.; UL'YANKIN, M. G.;  
Prinimali uchastiye: ZELENSKAYA, M. I.; SHCHELOKOVA, I. M.;  
DANILOV, M. A.; SHVETS, A. G.

Investigating the efficiency of grape washing. Trudy MNIIPP 1:  
39-44 '61. (MIRA 16:1)

(Moldavia—Grape juice)

POPOVSKIY, V. G.; GIDALEVICH, M. G.; DUL'NEVA, I. P.; Primali  
uchastiye: ZELENSKAYA, M. I.; SHCHELOKOVA, I. M.

Tartar crystallization during partial freezing of grape juice.  
Trudy MNIIPP 1:89-98 '61. (MIRA 16:1)

(Grape juice) (Crystallization)

GIDALEVICH, M. G.; KOL'CHITSKIY, V. I.

Manufacture of grape juice without aging in tanks and ten-liter vessels. Trudy MNIIPP 1:107-113 '61. (MIRA 16:1)

(Grape juice)

UL'YANKIN, M. G.; Prinsipali uchastiye: GIDALEVICH, M. G.;  
DUL'NEVA, I. P.; ZASLAVSKIY, A. S.; SHABALINA, N. S.;  
CEMILENKO, N. M.; PROKHOROVICH, L. Ye.

Separators for juice manufacture. Trudy MNIIPP 1:49-62 '61.  
(MIRA 16:1)

(Separators(Machines)) (Fruit juices)

ZASLAVSKIY, A. S.; GIDALEVICH, M. G.

Storage of semiprocessed grape juice in tanks under reduced  
pressure of carbon dioxide. Trudy MNIIPP 1:99-106 '61.  
(MIRA 16:1)

(Grape juice—Storage)



ZASLAVSKIY, A. S.; GIDALEVICH, M. G.; Primalni uchastiye:  
GRISHINA, Ye. M.; TSVETKOVA, L. M.

Use of sorbic acid in the preparation of semiprocessed grape  
juice. Trudy MNIIPP 1:115-118 '61. (MIRA 16:1)

(Grape juice--Preservation)  
(Sorbic acid)

HUNGARY

SEDAL, Julia, Dr, FEHER, Imre, Dr, CSIKVARI, Julia, technical asst; National Frederic Joliot-Curie Research Institute of Isotopic Chemistry and Radiation Hygiene (Orszagos "Frederic Joliot-Curie" Kutatóintézet) (director: VARGASZ, Valnos, Dr).

"Data on the Mechanism of Leukopenia and Leukocytosis Occurring After Irradiation Therapy."

Budapest, Magyar Rontgenologia, Vol XV, No 4, Aug, 1983, pages 292-299.

Abstract: [Authors' English summary modified] In rabbits irradiated with 150-300 r, granulopenia of short duration preceded the granulocytosis. The plasma, obtained from animals suffering from granulopenia, produces granulopenia and thrombopenia in normal animals. This is followed by granulocytosis. It is the opinion of the authors that the substance, traceable in the plasma after irradiation and influencing the number of circulating granulocytes and thrombocytes, is not a toxin (leukotoxin), but a substance which also develops under the effect of physiological stimuli. 1 Hungarian, 13 Western references.

1/1

ZASLAVSKIY, A.S.; GIDALEVICH, M.G.

Technology of the manufacture of grape juice preserved with sorbic acid. Kons. i ov. prom. 19 no.1-14-16 Ja '64.

(MIRA 17:2)

1. Moldavskiy nauchno-issledovatel'skiy institut pishchevoy promyshlennosti.

GIDALEVICH, M.G.; ZELENKAYA, M.I.

Production of clarified grape juice by the simplified  
technology with the use of refrigeration. Trudy MNIIFF  
5:32-36 '64. (MIRA 10:1)

ZASLAVSKIY, A.S.; QIDALEVICH, M.O.

Some problems of the preparation technology of grape juice  
preserved by sorbic acid. Trudy MNIIPP 5:67-71 '64.  
(MIRA 19:1)

ACC NR: AR6033092 SOURCE CODE: UR/0269/66/000/007/0035/0035

AUTHOR: Gidalevch, Ye. Ya.

TITLE: Automatic-modeling problem concerning shock-wave propagation in a gaseous-dust medium

SOURCE: Ref. zh. Astronomiya, Abs. 7. 51, 237

REF SOURCE: Tr. Astrofiz. in-ta. AN KazSSR, v. 7, 1966, 12-15

TOPIC TAGS: shock wave propagation, shock wave, gaseous dust medium

ABSTRACT: The problem of shock-wave propagation is solved under the assumption of a variation in gas density

$$\frac{\partial p}{\partial t} = k \frac{\rho}{t}$$

where  $k > 0$  for dust-grain vaporization and  $k < 0$  for dust-grain growth. This condition makes the problem self modeling. Some properties of the obtained solution are discussed. [Translation of abstract] [DW]

SUB CODE: 03/

Card 1/1

UDC: 523.161

L 00906-67 EWP(2)/EWT(1) WH/GH

ACC NR: AP6019670

SOURCE CODE: UR/0033/66/043/003/0553/0556

AUTHOR: Gidalevich, Ye. Ye.

ORG: Institute of Astrophysics, Academy of Sciences Kazakh SSR (Astrofizicheskiy in-t Akademi nauk KazSSR)

TITLE: Propagation of shock waves in gas-dust medium. 2

SOURCE: Astronicheskii zhurnal, v. 43, no. 3, 1966, 553-556

TOPIC TAGS: shock wave, gas dynamics, cosmic dust, temperature distribution

ABSTRACT: The dynamics of a dust-laden gas stream in a stationary shock wave is studied for two cases:  $P = \text{const}$  and  $P = Pc^2$ . The governing flow equations are given in one dimension, and the following two equations are obtained for the gas and dust velocities at an infinite distance from the shock front

$$v_{\infty} = u_{\infty} = \frac{\Pi - P}{I_1 + I_2}$$

$$v_{\infty} = u_{\infty} = \frac{\Pi - [\Pi^2 - 4I_1(I_1 + I_2)c^2]^{1/2}}{2(I_1 + I_2)}$$

These equations correspond to the above two cases respectively where,

$$I_1 = \rho v, \quad I_2 = \delta v.$$

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31  
B

Card 1/2

UDC: 523.152.2

L 00906-67

ACC NR: AP601967D

$\rho$  and  $\delta$  are the gas and dust densities, respectively, and

$$\Pi = I_1 u + I_2 v + P_1$$

The problem is generalized to the case of growing and decaying motion of dust particles. It is shown that the terminal velocity of the dust is the same in the case of growth as well as on particle decay and is given by

$$v_{\infty} = \frac{1}{2I} [\Pi - (\Pi^2 - 4c^2 I^2)^{1/2}]$$

The author expresses gratitude to S. A. Kaplan for formulating the problem and evaluating the results. Orig. art. has: 18 equations and 2 figures.

SUB CODE: 24, 03, 04/ SUBM DATE: 11Oct65/ ORIG REF: 002

hs

Card 2/2



VIDALEVICH, Yo.Ya.

Model of an infrared giant. TSir.Astron.obser.Khar.un. no.25:  
35-39 '62. (MIRA 17:3)

L 6748-66 ENT(1)/FCC/EWA(h) GW  
ACC NR: AP5025814

SOURCE CODE: UR/0033/65/042/005/0932/0938

AUTHOR: Gidalevich, Ye. Ya.

ORG: Astrophysical Institute, Academy of Sciences KazSSR (Astrofizicheskiy institut Akademii nauk KazSSR)

*5/28*

TITLE: Propagation of shock and ionization fronts in a gas-dust medium

SOURCE: Astronomicheskiy zhurnal, v. 42, no. 5, 1965, 932-938

TOPIC TAGS: shock wave analysis, cosmic dust, nebula, ionizing shock wave, space-borne ionizing measurement

ABSTRACT: The physical picture of the concentration of dust behind the shock wave front is quite clear. Since the velocity of a dust particle increases with time the velocity of a dust particle trapped earlier by the wave front always will exceed the velocity of successive dust particles so that the first dust particle always will overtake the later ones. The dust concentration increases exponentially with increasing distance from the wave front; this fact may be important in the theory of propagation of ionization fronts. The dust concentration in front of the ionization

Card 1/2

UDC: 523.161

*09-1 1864*

L 6348-66

ACC NR: AP5025614

2

zation front is considerably greater than behind it. As the front propagates in such a medium the dust is also affected by the pressure gradient in the ionization front and the radiation pressure behind the front. At the ionization discontinuity there is a considerable temperature gradient. This situation may impart an additional acceleration to the dust particle further increasing the dust concentration in the shock wave. Only radiation with a frequency less than the limits of the Balmer series penetrates beyond the ionization front. When a dust particle passes through the ionization front the latter is subjected to the effects of short-wave radiation which leads to an increase in the dust concentration in front of the ionization front. It is shown that during the propagation of D-type ionization fronts the dust particles of virtually all sizes remain in front of the ionization front, i. e., there is a "sweeping" of dust by the ionization front. This leads to a great increase of the dust concentration in the region behind the shock wave front. It is also shown that behind the shock front the dust is dissociated under the influence of fast atoms. "I express appreciation to S. A. Kaplan and D. A. Rozhkovskiy for valuable discussion". Orig. art. has: 24 formulas.

SUB CODE: AS/

SUBM DATE: 06Jan65/

ORIG REF: 005/

OTH REF: 006

nw  
Card 2/2

ACC NR: AF6095168

SOURCE CODE: UR/0095/66/043/005/1018/1024

AUTHOR: Gidalevich, Ye. Ya.

ORG: Astrophysical Institute, Academy of Sciences Kazakh SSR (Astrofizicheskiy Institut, Akademii nauk Kazakhskoy SSR)

TITLE: Propagation of ionizational discontinuities in a gasdust medium. III

SOURCE: Astronomicheskij zhurnal, v. 43, no. 5, 1966, 1018-1024

TOPIC TAGS: astrophysics, ionizing shock wave, gas dynamics, cosmic dust

ABSTRACT: The dynamics of dust particles in a shock wave preceding a D-type ionizational discontinuity are discussed. It is assumed the dust particles before the shock wave front exist as "embryos" with zero mass. At the wave front these "embryos" acquire a velocity equal to the gas velocity in the shock wave. Further relative motion of the gas and dust is due to gas adsorption onto the dust and related changes in pressure. The method of automodel motions was used since the adopted law of dust particle growth excludes the existence of any characteristic distance- or time-dimensional parameters. The velocity and density distribution of the gas and dust in a shock wave was calculated by numerical integration of the system of equations of motion and continuity. Gas density was found to remain practically constant while the mass and concentration of dust particles increases significantly. Asymptotic

UIC: 523.852.21

Card 1/2

ACC NR: AF6033168

expressions were obtained for the velocity and dust density. The conjugate point of the shock wave with ionizational discontinuity was found. The distribution of all the parameters in the region between the wave front and the ionizational discontinuity was shown to depend on the propagation time of the shock wave. "The author thanks S. A. Kaplan for constant attention to this work." Orig. art. has: 17 equations, 1 table and 1 figure.

SUB CODE: 03/ SUBM DATE: 05Nov65/ ORIG REF: 007/ OTH REF: 004

Card 2/2

SOLTI, F., dr.; RACZ, P., dr.; KONYAR, E., dr.; GIDALI, J.

Cardiac rupture and tamponade following fatty infiltration of the heart. Orv. hetil. 103 no.32:1520-1521 12 Ag '62.

1. A Budapesti Orvostudományi Egyetem I. sz. Kóronctani Intézete.  
(HEART DISEASES case reports)

L 18799-63 EWT(1)/EWT(m)/BDS/ES(j) AMD/AFFTC/ASD AR/K  
ACCESSION NR: AP3005988 H/0021/63/000/004/0232/0239

AUTHOR: Gidali, Julia (Dr.); Feher, Imre (Dr.); Osgyani, Julia (Technical assistant) 57  
58

TITLE: Data on the mechanism of leucopenia and leucocytosis occurring after irradiation 19

SOURCE: Magyar radiologia, no. 4, 1963, 232-239

TOPIC TAGS: granulocytosis, granulopenia, leucopenia, thrombocyte count, irradiation

ABSTRACT: The study was undertaken to determine whether any toxins or humoral agents can be identified in the period immediately following irradiation which exert an influence on the number of circulating leucocytes and thrombocytes. To this end 76 rabbits were irradiated by means of a Medicor TEX-250 source with 150 and 600 r. It was found that the granulocytosis is preceded by a significant granulopenia of short duration, beginning 5-15 minutes after irradiation; with 150 r granulocytosis starts one hour after irradiation, with 600 r after two hours. The change of granulocyte- and thrombocyte count is shown on Figs. 1a

Card 1/8 ✓

L 18799-63

ACCESSION NR: AP3005988

and 1c of Enclosure 1. The animals were bled to death at the lowest point of the granulopenia (about ten minutes after irradiation), and the plasma was injected into normal animals, causing an immediate significant granulopenia of short duration followed by granulocytosis lasting several hours. The same plasma produces thrombopenia of several hours' duration. All the aforementioned effects may be brought about by the administration of a 0.1% starch solution. As a result of these findings the hypothesis is put forward that the leucopeniogenic agent present in the plasma after irradiation is not a toxin but a substance which forms also as a result of various physiological stimuli. Orig. art. has: 4 figures and 3 tables.

ASSOCIATION: Orszagos "Frederic Joliot-Curie" Sugarbiologiai es Sugareges-zsegugyi Kutato Intezet (National "Frederic Joliot-Curie" Institute of Radiation Biology and Radiation Public Health)

SUBMITTED: 00

DATE ACQ: 27Aug63

ENCL: 01

SUB CODE: AM

NO REF SOV: 000

OTHER: 019

Card 2/3



SOLTI, F.; RACZ, P.; KOFYAR, Eva; GIDALI, Julia

Cardiac rupture and tamponade caused by fatty infiltration of the heart. Acta morph. acad. sci. Hung. 12 no.4:447-452 '64

I. Medizinische Klinik (Direktor: Prof. Dr. I. Ruzsnyak) und  
II. Institut für Pathologische Anatomie (Direktor: Prof. Dr. L. Haranghy) der Medizinischen Universität, Budapest.

GIDASPOV, Yu. F.

BUKHMAN, Yakov Zakharovich; GIDASPOV, Yuriy Fedorovich; SAZHIE, D.I.,  
redaktor; LUGHKO, Yu.V., redaktor izdatel'stva; KOVALENKO, N.I.,  
tekhnicheskii redaktor

[Ventilation, lighting, and safety engineering in ore mines; a manual  
for schools and courses for specialists] Provetrivanie, osveshchenie i  
gornospasatel'nos delo na metallicheskih rudnikakh; uchebnoe posobie  
dlia shkol i kursov masterov. Sverdlovsk, Gos. nauchno-tekhn. izd-vo  
lit-ry po chernoi i tsvetnoi metallurgii, Sverdlovskoe otd-nie, 1956.  
260 p. (MIRA 9:12)

(Mine ventilation) (Mine lighting)  
(Mining engineering--Safety measures)

GIDASPOV, Yu.F., inzhener.

Localizing the ignition of pyrite in open chambers. Bezop.  
truda v prom. 1 no.7:19-20 J1 '57. (MLRA 10:7)  
(Pyrites) (Mine fires)

SAMEDOV, G.D.; GIDAYATOV, D.A.

Materials for studying the parasites eating eggs of Eurygaster  
integriceps in the Alazan'-Avtaran Valley of Azerbaijan. Izv.  
AN Azerb.SSR,Ser.biol.i med.nauk no.4:67-72 '62. (MIRA 15:12)  
(AZERBAIJAN--EURYGASTERS)  
(AZERBAIJAN--PARASITES--INSECTS)

GIDYANOV, Behailad Arshadi

[Bugs harmful to farm crops in Azerbaijan] zərərli həndə  
kənd təsərrüfatı bitkilərinə zərər verən jəryəsərtgənədlə-  
lər (takhtabitilər). Bakı, Azərbaycan İnd. Akad. nəşriyyəti,  
1962. 42 p. [In Azerbaijani] (UKA 17:10)

GIDAYATLI, Z. A.

Mixed planting of varieties of berries. Sad. i og. No 4, 1952.

GIDAYATOV, D.

*Aelia acuminata* (Hemiptera - Heteroptera) in the Talysh Mountain  
region. Izv. AN Azerb. SSR Ser. biol.i med.nauk no.1:117-124 '60.  
(MIRA 14:5)

(TALYSH MOUNTAIN REGION—HETEROPTERA)

GIDAYATOV, Dzh.

The true bugs (Hemiptera - Heteroptera) of the Lenkoran (Talysh)  
zone and their distribution. Izv. AN Azerb. SSR. Ser. biol.  
i med. nauk no. 4:51-58 '60. (MIRA 14:2)  
(LENKORAN LOWLAND--HETEROPTERA)



GIDAYATOV, D.A.

~~XXXXXXXXXXXXXXXXXXXX~~  
Fauna of true bugs (Hemiptera - Heteroptera) parasitic on the oak  
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AUTHOR:

~~Gidell, A. Yu.~~, Candidate of Technical Sciences SOV/119-59-1-16/20

TITLE:

A New Method of Measuring Small Displacements (Novyy sposob izmereniya malykh peremeshcheniy)

PERIODICAL:

Priborostroyeniye, 1959, Nr 1, pp 29-29 (USSR)

ABSTRACT:

If a drop of a non-compressible liquid is between two plates moving towards one another at constant volume a relationship is to be observed between the diameter and the forming liquid ring and the thickness of this ring. This principle is applied to a measuring device for which patent Nr 98102 was granted on May 31, 1954. The device consists of two plane parallel quartz plates, with the upper plate being fixed. Between the two plates is a mercury drop. The lower quartz plate is mobile in vertical direction under the action of the movement of the head which is in close connection with the object to be measured. The change of the diameter of the mercury ring can be recorded either by a microscope or a projection system. The relation between diameter and thickness was graphically recorded and partly tabulated. A variation in the thickness of the mercury

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A New Method of Measuring Small Displacements

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layer by 1 micron is equal to a variation of the diameter of almost 2 mm. In order to prevent an evaporation of the mercury drop a rubber ring secures a hermetic sealing of the two quartz plates. There are 4 figures and 1 table.

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