

**Kim, I.S.**

**Filters Observation of Prominences in  $O_3$  and H lines**  
**ASTRONOMICHESKII TSIRKULAR No 703, 1972 pp 7-8**

**\*AFSC (6 Jul 73)**

**July 1973**

Kin, K.<sup>T</sup>, Syngulidze, A., Chemshe, V.

Traveling wave of a magnetic field having variable phase velocity and amplitude during movement of a liquid metal in an expanding channel. 10 pp.

AN. USSR. PROBLEMY TEKHICHESKOY ELEKTRODINAMIKI

Nr. 32, 1971, pp. 35-40

AIR/PTD-NY-23-410-73

Kim Pae-hwan

The Unitary Ideology System of Our Party Is  
the System of the Comch'e Ideology, by  
Kim Pae-hwan, 9 pp.  
KOREAN, par, Kulloja, Pyongyang, No 11,  
Nov 72, pp 38-42.  
JPRS 58904

May 73

Nationalism, Proletarian Internationalism, the  
Revolutionary Process in the East, by  
G. E. KIL, 12 pp.  
RUSSIAN, per. Problemy Dal'nego Vostoka, Moscow,  
No 1, 1973, pp 74-83.  
JPRS 50750

Apr 73

**Kim, M.**

**Monograph on the Social Structure of Soviet Society.**

6 pp

**KOMMUNIST, Moscow, No 12, Aug 74, pp 122-125.**

**JPRS 63097**

Kin. M.

The Leninist National Policy in Action.

8 pp

KOMUNIST, Moscow, No 11, July 1973, pp 120-124.

JPRS 60002

Kim, V. F.

One of the difference systems for a numerical solution  
of the weather forecast problem. 10 pp.

CHISLENNYY PROGNOZ POGODY I TEORIYA KLIMATA, No. 272,

1972, pp 79-87

AIR/FTD-HT-23-186-73

may 73

Concept of Chuch'e Is the Great Banner Leading  
the Unification of Fatherland to Victory,  
by Kim Nam-hyong, 16 pp.  
KOREAN, per, Kulloja, Pyongyang, No 12,  
5 Dec 73, pp 47-54.  
JPRS 59177

Jun 73



The Great Educational Ideology for Bringing Up  
Youth to Be Real Masters of Revolution and  
Construction and Its Resplendent Implementa-  
tion, by Kim Song-ki, 14 pp.  
KOREAN, per, Kulloja, Pyongyang, No 12,  
5 Dec 72, pp 27-34.  
JPRS 59177

Jun 73

The Three Major Tasks of the Technological  
Revolution Are the Brilliant Embodiment of  
the Great Concept of Chuch'e, by Kim Song Il, et al.,  
11 pp.

KOREAN, per, Kuiloja, Pyongyang, No 12,  
5 Dec 72, pp 35-40.

JPRS 59177

Jun 73

**Kin, V.E.**

**Operation of an experimental industrial  
installation for carbon disulfide recovery.  
Khimicheskie Volokna, 1971, pp 66-68, n. 5.  
NTC 75-12108-07A.**

KIMEK, ADOLF

CZ

CHALCOGENIDE GLASS SEMICONDUCTOR SWITCHING STRUCTURES

SLABOPROUDY OBZOR 10 1973 PP. 437 THRU 445 (SV.34)

FSTC-HT-23-0913-74

Kimmel, H.

Representing flow processes by equal-density mapping  
SIEMENS ZEITSCHRIFT, Vol 46, No 12, pp 959-961, Dec  
1972  
C.E. Trans 6179

may 73

Kimstach, A.

North Caucasus Railroad Workers Call for  
Intensive Harvest Shipping, 6 pp.  
GUDOK, Moscow, 17 Jun 73, pp 1, 3.  
JPRS 59450

Jul 73

KIMURA I

JA

EQUIPMENT DEVELOPMENT IN INITIAL STAGE : 20 Y  
EARS RESEARCH AND DEVELOPMENT IN DE

*complete set*

KOKUBO VOL 22 NO 4 1973 PP 59-74

FSTC-HT-23-0623-74

I. Kimura

A Study of the Combustion of Laminar Fuel Jets.  
JAPANESE, per, Nihon Kikai Gakkai Ronbunshu,  
Vol 27, 1961, pp 736-746  
NTC 72-12559-20M

sept 72



Kimura, I. et al

Pt. II - Evaluation of a High-Toughness, High-Strength Steel with a Yield Strength of 90 kg/sq. mm.

TETSU TO HAGANE, Vol.56, 1970, No.11, Lac.323, 124, pp.S455-S456.

RB 8948

SECRET

Details concerning current operations in the  
regulatory system, Report No. 1. Concerning the  
regulatory system, Report No. 1.

200 1000, No 17, No 11, 1971, pp 600-674  
200 751-1000-101

K. Kimura

Experimental studies on the aerosol deposition in the human respiratory system.

JOURNAL OF SCIENCE OF LABOUR, Vol 46, No 2, 1970, pp 53-72.

\*NASA TT F 14,848

apr 73

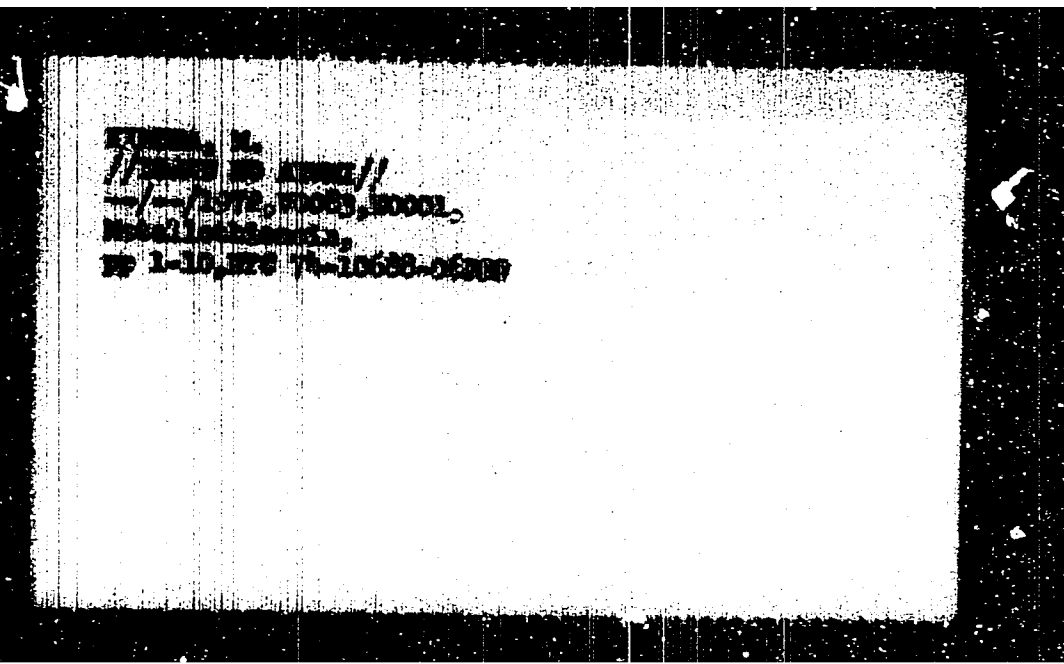
**Kimura, M.**

**Comparative results of distillation by  
manually operated and automatic instru-  
ments.**

**SEKIYO GAKKAI SHI, v. 14, p. 439-437,  
1971**

**TC-12590**

**may 73**



Kimura, S.

Recent organic materials for color photography.  
FUJI SHASHIN FUJIFUMI KENKYU HOKOKU, No 15, p 48-55,  
1967

NTC 73-10544-3 E

may 73

En, A. A.

Book on Comprehensive National Economic Planning  
Reviewed.

4 pp

IZVESTIYA SIBIRSKOGO OTDELENIYA AKADEMII NAUK SSSR

SERIYA OBSHCHESTVENNYE NAUK, Novosibirsk, No 6.

1974, pp 142-143.

JPRS 62836

Kin, Bui Van

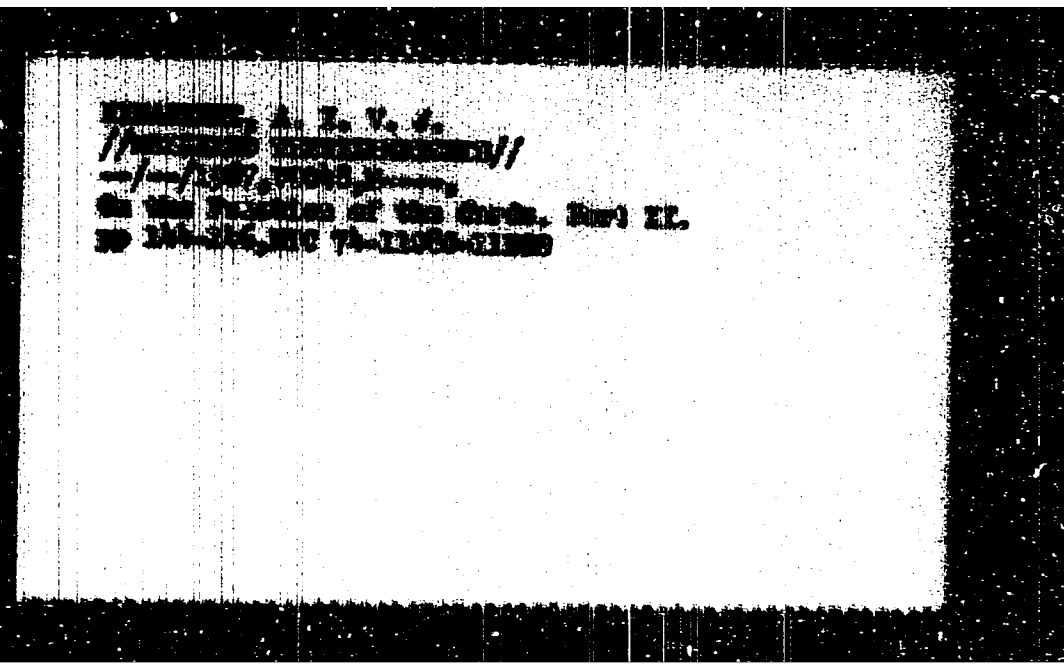
Older Cadres Must Help Train and Lead Young  
Ones, 6 pp.

THANH NIEN, Hanoi, No 8, 1973, pp 5-9.

JPRS 60556

Nov 73





Kind, T.V.

Functional Morphology of Insect Neurosecretory  
System During Active Development and Under  
Various Types of Diapause                      43 pages

PHOTOPERIODIC ADAPTATIONS IN INSECTS AND  
ACARI by Danilevskii, A.S.      pp 153-191      1968

NTIS-TT-70-57120

**Kindelan, D.**

**First DCCM Meeting on Military Construction Held.**

**3 PP**

**VERDE OLIVO, Havana, 2 Jun 74, pp 28-29.**

**JPRS 62968**

Kinderlehrer, F.

The structure of ellagic acid  $\beta$ -lactone,  
*ANNALS AND CHEM. MICROSCOPY*, Vol 80, No 1, 1973,

pp 7-13  
NYC 72-10785-11J

Wolfsberg, V. L.

Epidemiology of foot and mouth disease in Belgium.

Journal of Animal Health, 1971, No 3, pp 41-49

10-71-1001-01

Kinkel, J.

ARCHIV. FUR TOXIKOLOGIE, Vol 22, No 1, 1966  
pp 36-57

\*NTIS-TT-74-53166

KINGELYN, P. EE

//ANNALES DE RECHERCHES VETERINAIRES//  
--/--/1970, V0001, B0001, PP 0017-0030

The ogved virus. Part 1. stability,  
development and structure of the virus  
of the Danish stock (F1)

WTC 74-12705-02E

#

J. Kimumaki

Concerning the Speed of Reaction Between Nitrogen  
Oxide and Hydrogen Sulfide.

JAPANESE, per, Nippon Kagaku Zasshi, Vol 52,  
1931, pp 215-221  
NTC 72-12848-07B

sept 72



*A. A. Kiparisov*

Sintering of a Heat-Resistant Nickel-Base Alloy,  
by A. A. Kiparisov, K. K. Kalinin, 7 pp.

RUSSIAN, per. Izvestiya Vysshikh Uchebnykh  
Zavedeniy, Tsvetnaya Metallurgiya, Ordzhcnikidze,  
No 3, 1971, pp 105-109.

JPRS 58779

Apr 73

Kiparisov, B.S.

Nitriding of High Temperature Alloys

АЗОТИРОВАНИЕ ТЕПЛОУСТОЙЧИХ МЕТАЛЛОВ 1972 159 pp

\*NTIS-IT-25-53053

Kiparisov, S. S.

Research into the Possibility of Sintering  
Tungsten Borides to Nickel.  
IZVESTIYA VYSSHIKH UCHEBNYKH ZAVLDENII.  
TSVETNAYA METALLURGIYA, No. 5, p93-95, 1970  
NTC 75-10668-11F

may 75

Kiperman, G.

Economic Laws, Plan Indicators Discussed.

7 pp

EKONOMICHESKAYA GAZETA, Moscow, No 34, Aug 74.

p 14.

JPRS 63053

Kiperwan, G.

Problems, Merits of Net Product Indicator Described.

10 PP

VOPROSY EKONOMIKI, Moscow, No 6, 1974, pp 61-68.

JPRS 62939

Kiperman, G.

Industrial Association Plan Described.

15 pp

PLANOVYE KHOZYAYSTVO, Moscow, No 12, 1973,

pp 35-47.

JPRS 61010

Kiperman, G. Ya.

Methodological Problems of a Net Output Experiment.

19 pp

FINANSY SSSR, Moscow, No 12, 1973, pp 70-78.

JPRS 61266

Kiperman, G. Ya.

Methodological Problems of Net Output Experiments  
Revealed.

17 pp

FINANSY SSR, Moscow, No12, 1973, pp 70-78.

JPRS 61440



KIPINSKI, H. J.  
//ARCH. KIPINSKI//  
--/--/1974, V0045, N0001,  
Non-Destructive Inspection of Working Rolls for  
Cold Rolling Mills,  
PP 33-38, NISI 1217300

Klysis, S.

Integrated Family of Computers.

15 pp

NAUKA I ZHIZN', Moscow, No 8, 1973, pp 2-11.

JPRS 60682

Results of the Operation of the Oil and Fat  
Industry in 1972 Described, by S. F. Kiporenko,  
22 pp.  
RUSSIAN, per, Maslo-Zhirovaya Promyshlennost',  
Moscow, No 4, Apr 1973, pp 27-35.  
JPRS 59081

May 73

KIRCH R BACHMAN

GE

SAFETY MEASURES IN THE DEVELOPMENT PRODUCTION  
AND TESTING OF ROCKET SOLID PROPEL

DYNAMIT NOBEL INCLOSURES TO IR 2 252 0343 74

ESTC-HI-25-0078-75

Kirchendoerfer, A.

Classification of steels according to their transition temperatures as determined in notched bar impact test.

ARCHIV FUER DAS EISENHUETTENWSEN, v. 38,  
p. 456-460. 1967  
Ntc 73-10967-11F

KIRICHENKO, V. N.  
//ПЛАНОВОЕ ХОЗЯЙСТВО//  
--/--/1974, V-----, N0010, pp 0130-0135  
Book Surveys Development of National Economic Plans  
9 pp  
JPRS 63721  
\*

*A. Kirshenmayer*

**Dynamics of Boiling Water Reactors With  
Natural Circulation, by A. Kirshenmayer.  
GERMAN, per, Nuklenoik, Vol 4, 1962,  
pp 122-137.  
NTC 72-10142-18K**

**Apr 72**

KIRCHNER

GE

ELECTRON EMISSION FROM METAL SURFACES AS A RE  
SULT OF ELECTRIC FIELDS IN INSULATI

ACTA PHYSICA AUSTRIACA VOL 10 1957 P365

FSTC-HT-23-0232-74



E. Kirchner

Technical and Operational Bases of the Manufacture  
of Parts-Families, by E. Kirchner.

GERMAN, per, Industrie-Anzeiger, Vol 85, No 37,  
1963, pp 714-720.

HTC 72-14246-13I

Jan 73

14-Feb-74

Uncl      (BNWL-tr-103)      Handling apparatus for sodium-cooled reactor installations.      Kirchner, G.; Jansing, W. (Internationale Atomreaktorbau G.m.b.H. (INTERATOM), Bensberg; Cologne (F.R. Germany)).      Translated by E.R. Appleby from paper presented at Reactor meeting, Deutsches Atomforum, Bonn, Germany, April 1, 1971      27 Nov 1973. 19p.      (CONF-710346-1).      Dep. NTIS \$3.00.

methods and equipment; reactor engineering; reactors-power; translations      14, 18I, 18L

MN-79κ      P      NSA

*V. A. Kireev*

On the Equilibrium in Liquid Mixtures  
and Solutions. Part II. Solubility  
of Phosgene Vapors in Some Solvents  
at Subatmospheric Pressures, by  
V. A. Kireev.

RUSSIAN, per, Zhurnal Obshchei Khimii,  
Vol 32, 1962, pp 799-805  
NYC 72-12030-07D

June 72

KIREYEV, V. I.

RU

MINSTROYDORMASH EXHIBITIONS AT THE SEL'OKHOZT  
EKHNIKA-72 INTERNATIONAL FAIR

STROITEL'S. I DOROZH. MASH., #8, 1972, PP 8-12  
• PLUS PHOTOS

ARM)  
FSTC/HT-23-1397-73

BERKOVICH, V.  
//VOYENNO-MEDITSINSKIY JURNAL//  
1957/12, Vol. 10, No. 10  
Methods of Approximate Computation of Human  
Endurance in High and Low Temperatures, 12 pp  
no pp given. ARN/ESTC/AT-23-222-7399

Kirichenko, F. G.

Ways for Creating New High-Yielding Spring Wheat  
Varieties.

4 pp

VOPROSY GENETIKI, SELEKTSII I SEMENODSTVA, Odessa,  
1973, pp 40-42.

JPRS 62232

Kirichenko, F. G.

Drought Resistant, Winter Hardy Wheat Variety  
Developed.

11 pp

VESTNIK SEL'SKOKHOZYAYSTVENNOY NAUKI, Moscow.

No 10, 1973. pp 13-20.

JPRS 60726

Kirichenko, F. G.

Prizey Winter Wheat Variety.

7 p3

SELEKTSIYA I SEMENOVODSTVO, Moscow, No 1, 1974,

pp 58-61.

JPRS 62091



**Kirichenko, N.**

**Crimean Agro-Industrial Associations Discussed.**

**7 pp**

**POD ZNAMENEM LENINIZMA, Kiev, No 2, Feb 1974,**

**pp 21-23,**

**JPRS 61653**

**Kirichenko, N.**

**Land Improvement Seen as Vital Factor in Effective  
Agriculture.**

**5 pp**

**SEL'SKAYA ZHIZN', Moscow, 27 Apr 1974, p 2**

**JPRS 62097**

Kirichenko, N. K.

Crimea Party Chief Comments on Agricultural  
Situation.

6 pp

EKONOMICHESKAYA GAZETA, Moscow, No 46, 1973, p 5.

JPRS 60926

V. Kirichenko

Soviet Official Comments on Solutions to Economic Problems, by V. Kirichenko, 11 pp.

RUSSIAN, per, Ekonomika Khovayeva, Moscow, No 3, 1973, pp 41-49.

JPRS 58723

Apr 73

**Kirichenko, V. S.**

**Investigation of Kolkhoz Farmer Disability  
(According to Data Referable to Letichovskiy  
Rayon, Khusel'nitskaya Oblast, for 1965-1969),  
6 pp.**

**SOVETSKOYE ZDRAVOOZHISHANIYE, Moscow, No 5,  
1973, pp 18-24.  
JPRS 59477**

**Jul 73**

**Kirilenko, A. P.**

**Kirilenko Speaks at Georgian Award Ceremony.**

**20 pp**

**ZAVIA VOSTOKA, Tbilisi, 6 Oct 1973. pp 1-3.**

**JPRS 60371**

KIRILLIN, V.

RU

MGD METHOD FOR PRODUCING ELECTRICAL ENERGY

*complete 493 pp*

MAGNITO GIDRO DINAMICHESKIY METOD POLYCHENIYA  
YELEKTROYENERGII 3RD ED.

ENERGIYA MOSCOW, 1972 360 PP

*ARM*  
FSTC-HT-23-1403-73

24-Sep-73  
Uncl (JPRS--59983, pp 103-232) Research on the U-25  
apparatus. KIRILLIN, V.A.; KIRILLOV, V.V.; KIRILLOV,  
V.G.; MOMOTOV, YU. M.; MOSTINSKII, I.L.; NEDOSPASOV,  
A.V.; PASHKOV, S.A.; PINKHASNK, M.S.; PISHCHIKOV, S.I.;  
POBEPECHSKII, L.P.; RABKIN, YU.I.; REKOV, A.I.; SIDOROV,  
V.S.; TELEGIN, G.P.; SHEYNDLIN, A.E.; SHELKOV, E.M.;  
SHUMYATSKII, B.YA. 7 Sep 1973. Translation of  
Issledovaniya na ustanovke U-25 (I), Moscow, 1973.  
USSR High Temperature Institute.

NSA

revision



3-Apr-74  
Uncl (JPRS--61359) Thermal cycle and efficiency of a  
versatile power unit with a magnetohydrodynamic  
generator. KIRILLIN, V.A. Translated from Teplofiz.  
Vys. Temp.; 11: No. 5, 1098-1091(1973). 8p. NTIS.

201 magnetofluidmechanics; translations  
MN-13 NP NSA

24-Jul-74  
Uncl (JPRS--62139) Prospects for MHD power plants in  
power engineering. KIRILLIN, V.A.; MELENT'EV, L.A.;  
SHEYNDLIN, A.E. (JOINT PUBLICATIONS RESEARCH SERVICE,  
WASHINGTON, D.C. (USA)). 1974. Translation of o  
perspektivakh MGD elektrostansiy v energetike. 20p.  
NTIS.

10 energy conversion; translations  
MN-13 NF NSA

Kirillina, V.A.

Magnetohydrodynamic Method of Obtaining Electrical Energy (Collection of Articles)  
Magnitogidro Dinamicheskiy Metod Polucheniya  
Elektroenergii. Izd-vo Energiya, Moscow, 1968,  
pp. 7-76, pp.100-205, 262-307, 315-354, 373-391.

FTD-MT-24-1737-72

Kirillov, A.G. et al

Change in Drilling Rate as a Function of Bit  
Type.

NEFT. KHOZ. Vol. 50, 1972, No.8, pp.18-21.

A.T.S. RO&GB 833

Kirillov, A. M.

Soviet-American Technological Links: Problems and  
Potentialities.

2 pp

USA: ECONOMICS, POLITICS, IDEOLOGY, Moscow, No 9,  
Sep 74, pp 96-97.

JPRS 63209

Kirillov, B. M.

Moscow Suburb Experiments With Reclaimed Water,  
5 pp.  
GORODSKOYE KHOZYAYSTVO MOSKVY, Moscow, No 3,  
Mar 74, pp 12-14.  
JPRS 61968

011 74

B. N. Kirillov

The Tank Company in Combat, by B. N. Kirillov, 131 pp.  
TANKOVAYA ROZTA V BOYU, 1965.

ACST K-34:0  
ID 2901023665

Apr 73

KIRILLOV. II  
//TEORIYA TUBOMASHIN//  
--/--/1972. V-----, N-----  
the theory of turbo machines 324 pp  
pp 211-276, 295-408, 535  
AIR/FTD/MT-24-423-74##



Kirillov, I. I.

Servicing the Variable Portion Energy Systems  
Load Schedule.

12 pp

ENERGOMASHINOSTROYENIYE, Leningrad, No 8, Aug  
1973, pp 1-4.

JPRS 60319

Space-Time Characteristics of Linear Channels with  
Variable Parameters, by N. Ye. Kirillov,  
PROB PERED INFORMATSII, Vol 8, No 2, 1972,  
pp 40-46.  
NAVY/APL/JHU-T-2706

May 73

17-May-74  
Uncl (AECL--4752) Calculation of heat-transfer crisis  
for annular two-phase flow of a steam-liquid mixture  
through an annular channel. KIRILLIV, P.L.; SMJGALEV,  
I.P. (GOSUDARSTVENNYJ KOMITET PD ISPOL'ZOVANIYU ATOMNOJ  
ENERGIJ SSSR, OBNIVSK. FIZIKO-ENERGETICHESKIJ INST.).  
Feb 1974. Translation of FEI--297. 37p. Dep. NTIS  
(US Sales Only) \$5.00.

13 engineering; 20M heat transfer; translations  
MN-38 NP NSA

Kirillov, V.

The Generator of the Future. *is for*  
STARSHINA SERZHANT, No.12, 1973, pp.18-19.  
NAV/NISC TRANS 8539

7570-47-26-254-74

13-Aug-73

Uncl (AEC-tr--7430, pp 37-44) Therapeutic action of heterologous DNA in fractionated prolonged irradiation. KIRILLOVA, E.N.; LIBINZON, R.E. (Inst. of Biophysics, Moscow). Translated from Radiobiologiya; 13: No. 1, 29 34(1973).

HSA