

Gutshabash, S. D.

Diffusion of radiation in a medium limited
by a glassy surface

O DIFFUZII IZLUCHENIYA V SREDE OGRANICHENNOY
ZERKAL'NO OTRAZHAYUSCHEY POVERKHNOST'YU, OPTIKA
OKEAN I ATMOSFERY, Nauka Press, 1972,

pp. 56-62

NASA TT F 14,777

Gutshabash, S. D.

Light regime for a two-layer atmosphere-sea
medium

SVETOFOY REZHIM DVUKHSLOYNOY SREDY ATMOSFERA-
MORE, IN: OPTIKA OKEAN I ATMOSFERY, Nauka

Press, 1972, pp. 44-56

NASA TT F 14,776

GUTSHABASH, S. D.

//UNKNOWN//

--/--/1972, V----, N----

Diffusion of radiation in an medium limited by a glassy surface, 10 pp

pp 56-62, NASA TT F 14777@@

GUTSHABASH, S. D.

//UNKNOWN//

--/--/1972, V----, H----,

Light regime of a two-layer atmosphere-sea medium, 20 pp
pp 44-56, NASA TT F 2477800

Guts, M.

*Experimental studies on adaptation to salinity shown
by the different races of the threespine stickleback.
(Gasterosteus aculeatus L.)*

INTERNATIONALE REVUE DER GESAMTEN HYDROBIOLOGIE UND
HYDROGRAPHIE, Vol 55, No 6, 1970, pp 845-894
NTC 78-13440-08C

GUTZOW, I.
//GLASTECHEMISCHE BERICHTE//
--/--/1973, V0046, N-----,
Activity of Nucleating Agents in the Catalyzed
Crystallization of Glass-Forming Melts,
pp 219-226, NTC 74-11134-11B00

GUYGO, E.

//MYASNAYA INDUSTRIYA//

--/---/1972, V---, N0009,

Prospects for the Development of ; Foodstuff Freeze-
Drying, 8 pp.

pp 38-40, FBTC-HT-23-1778-7300

Guyot, A.

The thermal degradation of polyvinyl-
chloride. Part V. Heat stability of semi-
crystalline polymers.

JOURNAL OF APPLIED POLYMER SCIENCE, 1968,

pp 639-653, v. 12.

NTC 73-12326-111.

Gus', A. N.

Diffraction of Elastic Waves in Multiply Connected
Bodies 267 pp

ДИФРАКЦИЯ УПРУГИХ ВОЛН В НЕОСОБЫХ ТЕЛАХ.
1972, pp. 1-236

AIR/PTD-WT-24-418-73

Guz, A. N.

*Analogies between linearized and linear problems of
the theory of elasticity*
DOKLADY AKADEMII NAUK SSSR, SOVIET PHYSICS, vol. 212,
no. 5, 1973, pp. 1089-1091
AIP

10 pages

Guz', A. N.

Stress Concentration at Holes.

TRUDY VSESOUZNOY KONFERENTSIY PO TEORII OBOZOCHEK
"SALKA", Moscow, 1970, pp 788-793.

I PLASTINOK DNEPROPETROV

ACSI-K-2510

FETC-RT-23-1742-72

Aug 73

Guzhavina, L.

Low Cost-Accounting Price Scheme Proposed
for Fish Industry, 5 pp.

PLANOVOYE KHOZYAYSTVO, Moscow, No 4, Apr 73,

pp 126-129.

JPRS 59607

Aug 73

Guzhenko, T.

Main Lines of Development of Maritime Transportation.

8 pp

TEKHNIKA I VOORUZHENIYE, Moscow, No 7, July 1973, pp 4-7.

JPRS 59812

Guzhenko, T.

CEMA Cooperation in the Maritime Industry.

6 pp

MORSKOY FLOT, Moscow, No 2, Feb 1974, pp 1-3.

JPRS 61837

Guzhenko, T.

Progress Reports on Commercial Fleets.

7 pp

VODNIY TRANSPORT, Moscow, 30 Mar 1974, p 2.

JPRS 61837

Guzhenko, T. B.

Soviet-Cuban Maritime Cooperation Described.

3 pp

LATINSKAYA AMERIKA, Moscow, No 2, Mar-Apr 74,

pp 105-107.

JPRS 62933

Guzhenko, T. B.

Minister of the Maritime Fleet Discusses Problems
of 1974.

5 pp

VOLNYY TRANSPORT, Moscow, 15 Jan 1974, p 2.

JPRS 61231

Guzhvin, F.

Analytical Work in RSFSR State Statistical Agencies.

7 pp

VESTNIK STATISTIKI, Moscow, No 7, 1974, pp 15-20.

JPRS 62975

Guzik, I.S. et al

Some Results of Protecting Offshore Oil Field
Structures.

KORROZ. ZASHCH. NEFTEGAZOV. PROM., 1972, No.7,
pp.22-4.

A.T.S. RO&GB 1006

Gvelesiani, G.

New Book Analyzes Working Conditions at Industrial Enterprises.

4 pp

EKONOMICHESKIYE NAUKI, Moscow, No 7, 1974, pp 114-116.

JPRS 62949

Gvishiani, D. M.

Scientific-Technical Revolution, Social Progress
Considered.

13 pp

VOPROSY FILOSOFII, Moscow, No 4, Apr 1974, pp
6-16.

JPRS 62309

Gvishyani, D.

The Scientific-Technical Revolution and Social
Progress.

6 pp

PRAVDA, Moscow, 2 Mar 1974, pp 3-4.

JPRS 61882

Gvishiani: Democratic Centralism, Elimination of
Bureaucracy Crucial in Management, by
D.M. Gvishiani, 8 pp.
RUSSIAN, per, Izvestiya Akademii Nauk SSSR;
Seriya Ekonomicheskaya, Moscow, No 2, 1973,
pp 6-11.
JPRS 59151

June 73

Gvishiani, Dzhermen Mikhaylovich

Man and His Environment.

7 pp

NAUKA I RELIGIYA, Moscow, No 7, 1973, pp 24-29.

JPRS 60273

Gvishiani, L. A.

Early Beginnings of Economic Cooperation.

13 pp

USA: ECONOMICS, POLITICS, IDEOLOGY, Moscow,

No 1, Jan 1974, pp 8-17.

JPRS 61167

Gvovetsky, Joseph

Czech-Soviet Cooperation in the Textile Industry
Discussed.

8 pp

TEKSTIL'NAYA PROMYSHLENNOST', Moscow, No 7, Jul 74,
pp 15-18.

JPRS 63156

Gvozdev, B. I.

Soviet Policy Toward Latin America Cited.

9 pp

LATINSKAYA AMERIKA, Moscow, No 2, Mar-Apr 74,

pp 12-20.

JPRS 62843

Gvozdev, A. A.

Refinement of the theory of linear creep of concrete.

MEKHANIKA TVERDOGO TELA, No. 6, 1967, pp 13-19.
NRC C-11865

GVOZDOVER. R. S.

//RADTOTEKHNIKA I ELECTRONIKA, //

--/09/1973, V0018, N0009

Quantum theory of the contrast formation in
the image of electric microfields in a mirror
electron microscope

English pp 1405=1414

Russian pp 1922

Gwinner, E.V.

JOURNAL FUR ORNITHOLOGIE, Vol 106, No 2, 1965
pp 145-178

*NTIS-TT-74-53367

Gwinner, E.V.

ZEIT, FUR TIERPSYCHOLOGIE, Vol 21, 1964
pp 657-748

*NTIS-TT-74-53368

27-Feb-74

Uncl (GERHTR--45) Structure of propene-pyrocarbon coating layers on coated nuclear fuel particles and their modification by annealing. GYARMATI, E.; KOIZLIK, K.; GUPTA, A.K. (KERNFORSCHUNGSANLAGE JOELICH G.M.B.H. (F.R. GERMANY). INST. FUER REAKTORWERKSTOFFE). Sep 1971. 30p. (JUL--795-RW). Dep. NTIS \$3.50.

Work performed under United States--German High Temperature Reactor Research Exchange Program.

18J reactor fuels; 18J reactor materials; 18L reactors-power
STD-77 P NSA

11-Jan-74
Uncl (ORNL-tr--2733) Stationary and dynamic
deposition of silicon carbide on coated fuel particles.
GYARMATI, E.; NICKEL, H. (KERNFORSCHUNGSANLAGE JUELICH
G.M.B.H. (F.R. GERMANY)). Nov 1972. Translated by R.
Gregg Mansfield from JUL--900-RW. 57p. Dep. NTIS
\$5.00.

11F metallurgy; 18J reactor fuels; translations
MN-25 P NSA

GYORGY, F.

//MAGYAR KEMTAL FOLYOIRAT//

--/--/1970, V0076, N0005,

Voltametric redox wave at a stationary electrode.

Parts 1 & 2,

pp 233-236, pp 236-240, *NASA TT F 15918##

CYRILY PLNYAI

RU

CONTAINMENTIZATION IN RUSSIA

ATLAS ANTIKOMUNIZATSII SSSR FEB 1973 PP 53-54

PSR-HI-25-1675-75

GYORI, IMRE
//TARSADALMI SZEMLE//
--/11/1974,V----,N0011, pp 0003-0013
In Service of Our Policy: The Work of the
Party Organizations 10 pp
JPRS 63653
#

GYOTOKU, K.

Intraocular Pressure-Decreasing Effdet of Isosorbide
GANKA RINSHO IHO, vol. 62, pp. 25-28, 1968
NTC 73-10009-06E

March 73

Gyozo, Martin
The Development of Plastics Packaging for
the Dairy Industry
ANYAGMOZGATAS-CSEMAGOLAS, Vol. XV, No. 5,
1970, pp 214-217
FSTC-HT-23-755-72

ARM

5-Nov-74
Uncl (LA-tr--74-28) Use of ^{15}N in the study of
nitrogen uptake and metabolism in plants. GYRBUCHEV,
I.; DINCHEV, D. 1974. Translated from pp 63-78 of
STI/PUB--161. (CONF-670852--2). 27p. Dep. NTIS
\$4.50.

From Symposium on the use of isotopes in studies of
nitrogen metabolism in the soil-plant-animal system;
Vienna, Austria (28 Aug 1967).

02 botany; 18 tracer studies; translations
MN-48 P NSA

Gyul'dust, M.A. et al

Some Structural and Tectonic Features of the
Northeastern and Central Parts of the Lower
Kura Depression in Relation to Oil and Gas
Prospects.

IZV. VYSSH. UCHEB. ZAVED, NEFT GAZ, Vol. 15,
1972, No. 8, pp.13-17

A.T.S. RO&GB 910

Gyurov, Levcho

Changes in Income Tax Law Explained, 11 pp.
FINANSI I KREDIT, Sofia, No 9, 1973, pp 38-48.
JPRS 61152

Mar 74

Ha, Hong

Article Reflects on Final Days to Talks Lead-
ing to Paris Agreement, 8 pp.
HANOI RADIO, 1030 GMT, 27 Jan 74.
JPRS 61277

Mar 74

Ha, Le Ngoc

DRV Accelerates Training of Conventional Army,
11 pp.

TAP CHI QUAN DOI NHAN DAN, Hanoi, No 4,

APR 73, pp 36-44, 52.

JPRS 59346

Jul 73

Ha, Thanh

Build-Up of Saigon's Army and National Police
Detailed.

10 pp

TAP CHI QUAN DOI NHAN DAN, Hanoi, No 10, Oct
1973, pp 64-76.

JPRS 60870

Dr. Tran Van

Solving the Livestock Feed Problem Well, 8 pp.
HOC TAP, Hanoi, No 11, Nov 73, pp 23-30, 81.
DPRS 61054

Feb 74

HAACK, A.

//MIKROCHEMICA ACTA//

--/1954, V--., NO001,

The Precision Weighing Pipette According to Pregl
for Determining the Specific Weight of Fluids,
PP 117-121, NTC 74-11257-1488

26-Sep-74
Uncl (LA-tr--73-54) Investigations into the
relationship between DNA content and fluorescence
intensity in cells stained with fluorochromes. HAAG, D.
Translated from Histochemie; 36: 283-291(1973). 13p.
Dep. NTIS \$4.00.

06 biomed; translations
MM-48 P NSA

26-Nov-73
Uncl (ORNL-tr--2719) Contribution to fluidized bed
coating of nuclear fuel particles. HAANGE, R.;
GYARMATI, E.; NICKEL, H. (KERNFORSCHUNGSANLAGE JUELICH
G.M.B.H. (F.R. GERMANY)). May 1973. Translated from
JUL--946-RW. 88p. Dep. NTIS \$6.50.
Thesis. Submitted to Technische Hochschule, Aachen
(West Germany).

11F metallurgy; 18J reactor fuels; translations
MN-25 P NSA

Haas, E.

Large Electrodeposited Molds in the
Production of Tools and Molds 17 pp

WERKSTATT UND BETRIEB, Vol 105, no 4, 1972
pp 257-262

FSTC-HT-23-881-73

DISTRIBUTION LIMITED TO U.S. GOVT AGENCIES

Haas, E.

Rotatory threshold determination and superthreshold tests of Labyrinthine excitability in normal persons.
ZEITSCHRIFT FÜR LARYNGOLOGIE RHINOLOGIE OTOLOGIE UND IHRE GRENZGEBIETE, Vol 44, No 3, 1965, pp 180-189
HTC 73-21790-068

Hans Haass

The fourier coefficients of the eisenstein
series of the second degree 32 p

MAT.-FYS. MEDD., KGL. DAN VIDENSK. SELSK. 1964

pp. 3-24 V. 34, No. 7

NASA TT F 14937

J. Haas

The Effect of Quenching and Tempering as Well as
Strain Aging on the Transition Temperature of Low-
Carbon Rimmed and Fully Aluminium-Killed Steel,
by J. Haas.
PRACE INST. HUTN, 1968, Vol 20, No 2, pp 63-75.
BISI 8275

April 73

HAASE, H.

//TEXTIL-PRAXIS//

--/--/1966, V0021, H-----,

Market Situation and Anticipated Synthetic Fibre

Production Trends in Germany,

pp 701-704, NTC 74-11091-11888

Haase, R.

*Precision measurements for the determination of the
acid dewpoint.*

KORROSION, Vol 15, 1961, pp 47-49

NTC 73-13514-07D

Haastert, H.P. et al

Production of Titaniferous Pig-Iron with Low
Nitrogen Content.

STAHL EISEN, 1973, Vol.93, No.3, pp.93-99.

BISI 11355

Haastert, H. -P.

Production of titanium containing pig iron and its
processing into low nitrogen steel

THYSSEN FORSCHUNG, v. 4, n. 3/4, 1973, pp. 106-112

NTC 73-14026-11F

BISI 11228

Haastert, H. P.

Production of titaniferous pig iron with low
content of nitrogen.

STAHL EISEN, 1972, Vol. 93, No.3, pp.93-99.

ISI 11355

Haastert, H.P.

Treating titaniferous pig iron in the oxygen
converter for producing low-nitrogen steel.
STAHL EISEN, 1973, Vol.93, No.3, pp.100-107.

BISI 11348

Habbal, 'Abd-al-Ghani

Jiddah Port Expansion in Process, 5 pp.
AL-MADINAH, Jiddah, 23 Jul 74, p 4.
JPRS 63362

Dec 74

HABEL, L.

//SCHWEIZER ARCHIV//

--/09/1971, V0037, N----,

Determination of the State of Bonding in Nitrogen
in Plain-Carbon Steels Containing Aluminium,
pp 297-304, BISI 11608e3

HABER, J.
//ZEITSCHRIFT FUER CHEMIE//
--/--/1973, V0013, N00--,
*Mechanism of the catalytic oxidation of
hydrocarbons on oxide catalysts*
pp 241-253, NTC 74-11456-07D##

Haber, J.

*Active sites in catalysts for heterogeneous hydrocarbon
oxidation.*

PRZEMISL CHEMICZNY, Vol 51, No 9, 1972, pp 556-561

NTC 73-13489-07A

Habermann, E.

Vaso-active peptides and proteins.

THROMBOSIS ET DIATHESIS HAEMORRHAGICA, 1971,

pp 193-213, supplement no. 50. *CSISO Trans-1122*

NTC 73-12276-06P

Haberra, Djamel

Construction of New Port Discussed, 7 pp.
EL MOHJAHID, Algiers, 20 Oct 73, p 6;
21-22 Oct 73, p 5.
JPRS 60962

Jan 74

Solution Sought to Alleviate School Health
Inadequacy, by Salwa Habib, 5 pp.
ANATIC, no, al-Ahram, Cairo, 3 Apr 73, p 3.
JPRS 59018

May 73

Habu, R. et al

Hardenability of Aluminum-Boron-Nitrogen Steels.
Pt. I - Boron Content Ensuring Good Hardenability.

TETSU TO HAGANE, Vol.59, 1973, No.4, Lecc.210,
211, 212, pp.S212, S213, S214.

HB 9144

Habu, R. et al

Hardenability of Aluminum-Boron-Nitrogen Steels.
Pt. II - Optimum Amount of Aluminum and Boron
for Improved Hardenability.

TETSU TO HAGANE, Vol.59, 1973, No.4, Lecs.210,
211, 212, pp.S212, S213, S214.

HB 9144

Habu, R. et al

Hardenability of Aluminum-Boron-Nitrogen Steels.
Pt.III - Hardenability Improved by a Double
Quench.

TETSU TO HAGANE, Vol.59, 1973, No.4, Lecs.210,
211, 212, pp.S212, S213, S214.

HB 3144

Habu, Y.

Origin of the Black Spots on Sulfur Prints Taken
of Continuously-Cast Slabs.

TETSU TO HAGANE, Vol. 59, 1973, No. 4, Lec. 86,
p. 888.

HB 9095

Hach, J.P.
Radio Navigation 20 pp
ZEITSCHRIFT VEREIN DEUTSCHER INGENIEURE(VDI-Z)
Vol 115, No 3, 1973 pp 214-219

DMAAC-TC-1975

DISTRIBUTION LIMITED TO U.S. GOVT AGENCIES

O. Hachenberg

A study of the construction of the 100m telescope.
BEITRAEGE ZUR RADIOASTRONOMIE, Vol 1, 1968, pp 31-61
WTC 73-10731-03A

may 73

T. Hachimaki

Chemical Analysis of Nitrogen Oxides in Auto-
mobile Exhaust Gases and Problem Points (Summary).
ENGLISH, per, Panel Discussion on Public Damage
and Analytical Chemistry, 22 Jan 1971, pp 12-16
NTC 72-12831-07B

sept 72

Hachtel, L.

Investigations into the dissolution of lime
single crystals in $\text{FeO}_n\text{-SiO}_2$ melts.

ARCHIV FÜR DAS EISENHÜTTEWESEN, 1972,

pp 361-369, v. 43, n. 5.

HB-8806.

Hackenschmidt, M

*Electrical models to determine fields of flow in
furnaces*

INTERNATIONAL SCIENTIFIC COLLOQUIUM. SECTION ELECTRO-
HEAT (no. 13). Proceedings. Ilmenau. 1968, v. 1,

pp. 1-6

NTC 72-15394-13A

HACKER, JENS

//DEUTSCHE ZEITUNG//

11/10/1974, V----, N----, pp 0006

East German Change of Nation Concept Discussed

5 pp

JPRS 63506

#

Haddad, Ilyas

Euphrates Waters: 12-Year-Old Dispute Solved,
6 pp.

THE DAILY STAR, Beirut, 9 Jun 74, p 9.

JPRS 62392

Sen 74

Haddrill, D.M.

Present situation in the development of welding with wire electrodes without gaseous protection of external origin.

SOUDEGE TECH. CONEXES, 1972, Vol.26, Nos.11/12

, pp.483-87.

8151 11743

Hadert, H.

*Thermoplastic fibers for specialty products of the
paper and textile industries.*

COATING, Vol 4, No 7, 1971, pp 194-195

NFC 73-13551-11E

Nadi, Nabil

Effects of Environmental Pollution on
Lebanese Described, 14 pp.
AL-AKHBAR, Beirut, 22 Sep 73, pp 19-26.
JPRS 60490

Nov 73

1971, 1971

Lebanese Communist Party Proposes Agrarian
Reform Plan, 15 pp.

AL-AZHAB, Beirut, 19 Jan 71, pp 19-26.

REF ID: A1173

1971

Hladorn, H.

Experience with boron trifluoride for the preparation of the methyl esters of fatty acids for gas chromatographic analyses.

MITTEILUNGEN AUS DEM GEBIETE DER LEBENSMITTE-
LUNTERSUCHUNG UND HYGIENE, 1969, pp 109-113,

v. 60, n. 2.

NRC C-12074.

Hadwich, F.

Autosampler - a new type of fibre length measuring instrument

INTERNATIONAL COTTON TESTING CONFERENCE, Bremen,

27-29 Jan. 1972, Figs., refs. omitted

CSIRO-Trans-11312

NTC 73-12907-11E

Hasckel, R.

Automation in clinical chemical analysis.

ZEITSCHRIFT FUER KLINISCHE CHEMIE UND KLINISCHE BIOCHEMIE,

Vol 10, 1972, pp 235-342

NTC 74-10028-08A

Needles, E.

On Freeselection of Larvae for Relative Fungus Hardiness
by Means of a Morphological Characteristic

BERICHTSERGEBNISSE FÜR DEN DEUTSCHEN PFLANZENSCHUTZDIENST.

BEH. V. 23, N. 8, 1969, P. 173-174

WIC 73-11635-02F

Uncl^u (LIB/Trans--496) Prompt supercritical power
excursions in fast reactors. Haefele, W. Translated
by A. Rose (Australian Atomic Energy Commission Research
Establishment, Lucas Heights) from Nukleonik; 5: No. 5,
201-208(1963). 24p. Dep. NTIS (U.S. Sales Only).

IBK reactor physics; translations
MN-79d NP NSA

Haefeli, Ch.

Valandian and hauterivian type profiles
VEREINIGUNG DER SCHWEIZERISCHEN PETROLEUM-GEOLOGEN
UND - INGENIEURE. BULLETIN, v. 31, 1968, pp. 41-75
NTC 73-13056-088

Hasfer, R. A.

Problems of measuring low pressures in isothermal and
non-isothermal vessels - Part 3.

VACUUM-TECHNIK, Vol 16, No 9, 1967, pp 210-215
C. E. trans 5852

Hashn, N.

*Behavior of copper, iron, magnesium, calcium and zinc
in women with a normal menstrual cycle, in those taking
oral hormonal contraceptives and during pregnancy.*
ARCHIV FUR GYNAKOLOGIE, Vol 213, 1972, pp 176-186
NTC 73-14609-00P

O. Haempel

Age Determination and Growth of the Eel.
(*Anguilla Vulgaris* L.).

GERMAN, per, Zeitschrift fuer Fischerei und deren
Hilfswissenschaften, Vol 14, 1914, pp 265-281.

Order from NRC as C-11074

NTC 72-60610-06C

Nov 72

Haanel, G.

Observations on the theory of jet impactors.
ATMOSPHERIC ENVIRONMENT, Vol 3, 1969, pp 69-83
NIC 78-21763-04A

Haanel, G.

*The size of atmospheric aerosol particles as a function
of the relative humidity.*

BEITRÄGE ZUR PHYSIK DER ATMOSPHERE, Vol 43, 1970,

pp 119-132.

NTC 73-14312-04B

Haensch, W.

Gas-powder weld surfacing.

PRAKTIKER. DUESSELDORF, Vol 19, p. 182-184, 1967.

HB-8795

MAY 73

Haensler, E.

Effect of signal delay in optimal filters according
to N. Wiener.

NTZ NACHRICHTENTECHNISCHE ZEITSCHRIFT, Vol 20,
p. 595-600, 1967.

NTC 73-10458-17B

may 73

Haentzsch, S.

Separation of lower aliphatic amines by gas liquid chromatography.

TALANTA, Vol 13, 1986, pp 1297-1302

HTC 73-22047-07C

Cranial Mucormycosis, by F. Haerle, 6 pp.
DEUT ZAHNAERZTLICHE ZEIT, vol 25 1970 pp 565-568.
NAVY/NMFI-1639

May 73

Haessner, F.

A Process for Texture Determination

International Symposium on Textures in Research
& Practice, 2-5 October 1968 pp 1-23

*AFCRI - 4 Dec 73
Available at NTIS

Hastrel, O.

Ecophysiology and Anthropogenic Environmental Changes
DEUTSCHE ZEITSCHRIFT FÜR ANTHROPOLOGISCHE MEDIZIN, Vol. 84,
No. 9, 1971, P. 497-506
NTC 73-11879-068

Hauser

Effects and their significance of new approach methods
on cockpit design: 1970

AUWIRKUNGEN NEUER ANFLUGVERFAHREN AUF DIE COCKPIT-
LEITUNG UND MÖGLICHKEITEN MESSESCHEITT-BOLKOW-

, May 4, 1973, pp. 23

NASA TT F 15613