

**Mikhailov, E. P.**

**Migration Theory of Settling of Aerosol Particles from  
a Turbulent Flow onto the Walls of Tubes and Channels  
ДОКЛАДЫ АКАДЕМИИ НАУК СССР, SOVIET PHYSICS, vol. 206,  
no. 1, September, 1972, pp. 51-54  
CS**

MECHEELS JOERGE

GE

MEASURING THE FUNCTIONAL EFFECT OF CLOTHING ON  
A PEOPLE

MELLIAND TEXTILBERICHTER 7 1971 PP 643-649

↳  
FSTC-HI-25-0774-74

MECKELIS, J.

//TEX//

--/--/1966, V0025, N0002,

The Physiological Properties of Clothing made from  
Tricot Fabrics,

pp 118-121, NTC 74-11090-11E39

Uncl (AWRE-Trans--65, pp 51-54) 3-Aug-73  
importance of nuclear explosions. Geophysical  
1973. Translated from report. MECHLER, P. Mar

MSA

Meckelburg, E.

Production and Use of Plastic Coated Strip and  
Sheet Made of Steel.

BLECH ROHRE PROFILE, 1972, Vol.2, pp.53-56.

BISI 10284

Meclowski, A.

Can the Baltic Sea be turned into a freshwater lake?

POSEIDON, No.3, 1973, pp.104-107.

NRL TRANS 1291

MEDEMA, J.  
//TNO NIEUWS//  
--/--/1972, V0027, N0006,  
Catalytic Decomposition of Toxic Agents, '77  
pp 310-314, PSTC-NF-23-0410-73  
DISTRIBUTION LIMITED TO US GOVT AGENCIES@@

Medgyessy, Peter

Tax Structure in System of Economic  
Management Discussed, 7 pp.

FIGYELC, Budapest, No 35, 29 Aug 73, p 3.

JPRS 60106

Oct 73



Medici

Medici Reports to Congress on His Regime's  
Accomplishments.

13 pp

JORNAL DO BRASIL, Rio de Janeiro, 2 Mar 1974,

p 10.

JFRS 61485

MEDINA, LAZARO BARREDO

//JUVENTUD REBELDE//

17/10/1974, V-----, N-----, pp 0006

Progress Report on Development in Camaguey, 9 pp

JPRS 63606

#

Medina, Lazaro Barredo

Matanzas Construction Progress Surveyed.

5 pp

JUVENTUD REBELDE, Havana, 2 Jul 74, p 6.

JFRS 62721

Mednikov, E. P.

Transverse Migration of Particles suspended in a  
Turbulent Flow

DOKLADY AKADEMII NAUK SSSR, SOVIET PHYSICS, vol. 203,  
no. 3, March, 1972, pp. 543-546

CB

Medova, B. I.

Anodic Breakdown of Crystallizers During Electro-  
slag Remelting.

8 pp

РАФИНИРУЮЩИЕ ПЕРЕПЛАВЫ, Kiev, 1974, pp 35-40.

JPRS 63123

Medovar, B. I.

Some Characteristics of EShP of Metal in Consumable  
Crystallizers.

6 pp

RAFINIRUYUSHCHIYE PEREPLAVY, Kiev, 1974, pp 96-100.

JPRS 63220

Medovar, B. I.

Electroslag Smelting of Large-Size Hollow Billets.

6 pp

RAFINIRUYUSHCHIYE PEREPLAVY, Kiev, 1974, pp 84-90.

JPRS 63220

Medovar, B. I.

Investigating the Quality of Welded Electroslag  
Joints of Rotors 1500 mm in Diameter of 25KhN3MF  
Steel of Electroslag and Electrofurnace Smelting.

9 pp

RAFINIROVUSHCHIYE PEREPLAVY, Moscow, 1974, pp 109-118  
JPRS 63220



Medover, B. I.

Effect of Solubility of Alloying Elements upon Weld  
Hot Cracking

AVTONACHESNAYA SVARKA, vol. 8, no. 2, (1955),

pp. 79-90

EB TRANS. 3554

MEDOUAR, B. I.

RU

ELECTROSLAG REMELTING

*Completed  
8pp*

PRAVDA UKRAINY, NOV 22, NO. 273(8726), 1970,  
P.2, COL. 1-5 17

FSTC-HT-23-0398-74

Medrano, Gerardo Alfredo

Government Performance During 1973 Analyzed.

5 pp

EL CRONISTA, Tegucigalpa, 1 Oct 1973, pp 1, 2, 12.

JPRS 60431

Medricky, Z.

Stabilization of Coke in Transit.

HUTM. LISTY, 1972, No.11, pp.772-778.

BISI 11273

Medshibozhskii, M.Ya.

Theory and Practice of Steelmaking Processes.

SB. NAUCH. TR. MET. INST., 1971, No.14, pp.30-  
40.

BISI 12046

MEDUNOV, S.

//ZAKUPKI SEL'SKOKHOZYAYSTVENNYKH PRODUKTOV//

--/09/1974, V-----, N0009, pp 0010-0012

Krasnodar to Push Strong Wheat Production.

5 pp

JPRS 63611

†

Medunov, S.

Party Official Reports on Kuban' Edce.

7 pp

SOVETSKAYA ROSSIYA, Moscow, 25 Apr 1974, p 2.

JPRS 61988

Medus, J.

First contribution to the palynologic study of some known  
deposits of the lower cretaceous of the haute  
provence

MARSEILLE. UNIVERSITE. FACULTE DES SCIENCES. ANNALES,

v. 44, 1970, pp. 137-142

NTC 73-13115-000



Medus, J.

Contribution to the knowledge of the palynologic  
associations from the berriasian of the occidental  
savoie: application of findings to the provence  
region

MARSEILLE. UNIVERSITE. FACULTE DES SCIENCES. ANNALES.

v. 45, 1971, pp. 243-249

NTC 73-13057-08G

Problems of Hygienists and Toxicologists, by  
L.I. Medved', 5 pp.  
RUSSIAN, per, Zashchita Rasteniy, Moscow, No 2,  
1973, pp 15-17.  
JPRS 59172

June 73

Medvedev, A.

A Book on the Great Friendship Tempered in Severe  
Trials.

8 pp

KOMMUNIST, Moscow, No 2, Jan 1974, pp 120-124.

JPRS 61497

Medvedev, A.

River Passenger Services are Discussed.

5 pp

VODNIY TRANSPORT, Moscow, 29 Jan 1974, p 2.

17-Aug-73

Uncl (AEC-tr--7430, pp 185-189) Effects of growth inhibitors of *Vicia faba* on the survival of Ehrlich's ascites carcinoma cells in vitro. MEDVEDEV, A.I.; YUKOVA, G.S.; KUZIN, A.M. (Inst. of Biological Physics, Pushchino, USSR). Translated from Radiobiologiya; 13: No. 1, 135-138(1973).

NSA

MEYER, A. V.

//STANDARDY I KACHESTVO//

--/1971, V---, N0001

Functions of the plant reliability service in  
quality control system 8 pp

PP 50-52, FSTC-ET-23-0962-7344

Medvedev, I. A. et al

Multi-dimensional regression analysis of blast  
furnace operation.

STAL, 1973, No. 7, pp. 660-663.

\* BISI 11877

Medvedev, N.

Problems of Timber Industry are Outlined by  
Expert,

13 pp

PLANOVOYE KHOZYAYSTVO, Moscow, No 10, Oct 1973.

pp 17-27.

JPRS 60778



RUSSIAN

CSO: 8044/1133  
7 December 1973

The Problem of Democratization and The Problem  
of Dente, by Roy Medvedev  
*Pravda*

No further info

Special type A  
Do not publish  
Translator's draft plus one copy.

Medvedev, S. K.

Overloads and power losses in capacitors in the presence  
of high harmonics.'

ELEKTROTEKHNIKA, no 12, Dec 1966, pp 45-48

C. E. Trans 6212

MEDVEDEV, S. S.

//VYSOKOMOLEKULYARNYE SOEDINENIYA//

--/1972, V014B, N0003,

Investigation of the Emulsion Polymerisation of  
Styrene in the Presence of Cationic and Non-Ionic  
Emulsifiers,

pp 169-172, MTC 74-10126-11199

Medvedev, V.

Economic Policy and Economic Education.

17 pp

KOMMUNIST, Moscow, No 11, Jul 74, pp 31-43.

JPRS 62967

MEDVEDEV. V. A.

//STAL//

---/---/1974. V---, N0005

Improvement in metal scrap preparation quality  
for steelmaking units

pp 424 \*BISI 12570##

Medvedev, V. K.

Location of Belorussian Sampling Analyzed,

by V. Medvedev, Ye. Lektinovich, 5 pp.

RUSSIAN, per. Prosvetlennost' Belorussii, Minsk,

No 1, Jan 1973, pp 59-60.

JFRS 58926

May 73

MEDVEDEV, V. A.

//STAL'//

--/--/1974, V-----, #0002,

Progress in Developing and Introducing New  
Technological Processes in Steelmaking to  
Improve Steel Quality,  
pp 123-125, BISI 1233200

Medvedev, V.A.

A Discussion on Development Trends in Continuous Steelmaking.

STAL', 1973, No.5, pp.414-415.

WISI 11690



Medvedev, V. I.

*Perception of time in the human auditory system*

DOKLADY AKADEMII NAUK SSSR, BIOLOGICAL SCIENCES,

v. 212, no. 6, 1973, pp. 1261-1264

CB

Medvedev, V. N.

Effect of Random Pulse Sequence on a System Having  
a Cadence Mode of Operation.

2 pp

PERVYY VSESOUZNYIY SIMPOZIUM. METODY PREDSTAVLENIYA  
I APPARATURNYY ANALIZ SLUCHAYNYKH PROTSESSOV I

POLEY, Novosibirsk, 1968, pp 134-135.

JPRS 62432

6-Dec-73

Uncl (LA-tr--73-40) And what if we were to switch to  
hydrogen. MEDVEDEV, YU.; MUSLIN, E. Translated by  
A.D. Bernick (Los Alamos Scientific Lab., NM), from  
Izobret. Ratsion.; No. 318, 40-44(1973). 25p. Dep.  
NTIS \$3.25.

10B energy sources; translations  
MN-34 P NSA

revision

MEDVEDEV, YU. V.

//IZV. VISSH. UCHEB. ZAVEDEN., FIZMA//

--/1972, V---, NO010,

Analysis of the Operation of a Superhigh Frequency  
Photoconductivity Detector, 9 pp.

PP 93-97, FBTC-ME-23-1775-7300

MEDZHIBOZHSKII, M. YA

//IZV VUZ CHERN MET//

--/--/1974, V----, N0002

Detailed explanation of the basic law of  
kinetics of the solution of solid bodies in  
liquid

pp 53-57 BISI 12343##

Medzhibozhskii, M. Ya. et al

Approximate Process Modelling of the Assimila-  
tion of Lime by the Slag Process Phase.

IZV. VUZ CHERN. MET., 1973, No.8, pp.41-45.

BISI 11971

Medzhibozhskiy, M. Ya. et al.

Rate of Fusion of Metal Scrap in Open Hearth  
Furnaces when the Bath is Injected with Oxygen.  
IZV. VUZ BHERN. MET., 1972, No. 11, pp.39-42.

BISI 11190

Medzhibozhskiy, M. Ya. et al.

Determination of fume distribution in an OH  
furnace during charging and scrap preheating  
periods.

STAL' 1972, No.11, pp.984-5.

\*BISI 11201



Meerbach, H.

Development of coal dust explosions in underground  
test galleries and testing of explosion control mea-  
sures

STAUB (REINHALTUNG DER LUFT), v. 31, n. 11, 1971, <sup>9/71</sup>

pp. 448-451

NTC 73-12815-081

NLL 8313.4 (6144)

CIA-★ 7865

**Neerson, F. Z.**

**The Effect of Preliminary Cold - Adaptation on the  
Development of Experimental Hypertonia**

**DOKLAH AKADEMI NAUK SSSR. BIOLOGICAL SCIENCES.**

**vol. 210, no. 5, June, 1973, pp. 1243-1245**

**CB**

**Maerson, F. Z.**

**Effect of Preliminary Adaptation to the main  
Environmental Factors on the ATP Concentration and  
Phosphorylation Potential in the Myocardium in acute  
overloading of the Heart**

**DOKLADY AKADEMII NAUK SSSR, BIOLOGICAL SCIENCES,**

**vol. 210, no. 4, June, 1973, pp. 989-992**

**CB**

MEERT, A.

//DEUTSCHE FORSCHUNGS- UND VERSUCHSANSTALT  
FÜR LUFT- UND RAUMFAHRT INSTITUT FÜR  
ENERGIEWANDELUNG UND ELEKTRISCHE ANTRIEBE//

--/07/1973,V----,R----,

Calculation of Inductive Plasma Accelerators  
with Sinusoidal, Electromagnetic Standing  
Waves for Continuous Energy Supply, 42 pp

Report No DLR-FB 73-108

ESRO-TT-76 available at ADIS

#4

Meeus, J.

Occultations of Stars by Jupiter

ASTRONOMIE. Paris, v. 86, 1972, pp. 223-229

NTC 73-21522-03A

NTIS N73-10862

MEYER-RITH, L.

//SEMAINE DES HOPITAUX DE PARIS//

--/--/1968, V0044, H-----,

The Use of Massive Doses of Cyclophosphamide in the  
Treatment of Human Solid Tumors,

PP 3307-3320, WTC 74-11115-06000

Meffert, H.E.

ZEIT. FUR PARASITENKUNDE, Vol 14, 1950, pp 442-498

\*NTIS-TT-74-53018

Meguro, K. et al

Change in Surface Properties as a Result of  
Crystal Transformation. Part 1. Crystal Trans-  
formation of Copper and Nickel Phthalocyanines  
by Treatment in Trichlorobenzene and Changes in  
Their Heats of Immersion on Crystal Transforma-  
tion.

KOGYO KAGAKU ZASSHI, Vol.69, No.9, pp.1724-7,  
1966.

A.T.S JJ-4694



Mehes, Lajos

Ways of Enhancing Influence of Trade Unions  
Suggested, 16 pp.

SZAKSZERVEZETI SZEMLE, Budapest, No 2, 1974,

pp 54-65.

JPRS 62322

See 74

Mehes, Lajos

The Secretary Discusses Safeguarding of  
Craft Interests, 6 pp.  
MINTA, Budapest, No 6, 1973, pp 11-12.  
JAS 5911

Aug 73

MEHLIG, G.

//ENERGIETECHNIK//

---/06/1968, V0018, N0006

Determination of air exit conditions in the  
case of evaporative cooling towers

no 244.247 C. F. TRANS 6541##

Mehlitz, Dieter

INCREASE IN THE Performance of Gun Tube Weapons -  
Internal Ballistics 10 pp

WEHRTECHNIK, No 10, 1972, pp 409-411

FSTC-HT-23-1081-73

DISTRIBUTION LIMITED TO U.S. GOVT AGENCIES

MEHNERT, H.

//DEUTSCHE ZAHN-, MUND-UND KIEFERHEILKUNDE//

--/--/1972, V0059, N----, p 0013-0022

A contribution to the surgical correction  
of deep overbite or an open bite

NTC 74-11969-06E

#

Meier, G.

Explosion hazards and thermal behaviour of  
electrically heated riping.

ELEKTROWAERME (INTERNATIONAL), v. 29. p. 655-  
660, 1971.

NTC 73-11034-20M

Moier, Helmut

More Stress on GDR's Socialist Role in Study  
of History, 6 pp.

SIENH II, East Berlin, Jun 73, pp 705-712.

JPRS 59763

Sen 73

Meier, V.A. et al

AMK-T Transistorized Apparatus for Logging Magnetic Susceptibility.

UCH. ZAP. LENINGR. GOS. UNIV. SER. FIZ. GEOL.

NAUK. No. 13(303), pp.267-73, 1962.

A.T.S RJ-5945



MEIER ZU KOCKER, H.

//CHEMIE-INGENIEUR-TECHNIK//

--/--/1968, V0040, N-----,

Flow Behaviour of Combustible Coal Slurries Mixed  
with Oil,

pp 478-482, NTC 74-10735-07A@

MEIER ZU KOCKER, H.  
//BRENNSTOFF-CHEMIE//  
--/--/1966, V0047, N----,  
Swelling and Flow Behaviour of Coal-Water-Oil  
Mixtures,  
pp 289-295, NTC 74-10741-07A@

Meikiyar, P. V.

The mechanism of sulfur sensitization of photographic emulsions.

ZHURNAL NAUCHNOI I PRIKLADNOI FOTOGRAFII I KINEMATO-  
GRAFII, Vol 13, p 468-472, 1968

NTC 73-10796-14E

may 73

Mailikov, E. A.

Influence of a quantizing Magnetic Field on the  
concentration of Electrons in Semiconductors  
DOKLADY AKADEMII NAUK SSSR, SOVIET PHYSICS, vol. 206,  
no. 6, October, 1972, pp. 1329-1332  
CS

A. Preliminary Study of the Effects of Composition WR-2721 on the Spontaneous & Induced Cerebral Electrical Activity in the Adult Rabbit.

B. Radioprotective Action in an Animal Subjected to a Lethal Dose of Gamma-Globule Irradiation, by M. Malleurat, 28 pp.

A. ETUDE PRELIMINAIRE DES EFFETS DU COMPOSE WR-2721 SUR L'ACTIVITE ELECTRIQUE CEREBRALE SPONTANEE ET EVOQUEE DU LAPIN ADULTE.

B. ACTION RADIOPROTECTRICE CHEZ UN ANIMAL SOUMIS A UNE IRRADIATION GAMMA GLOBALE LETALE, 28 Sept 1972.

ACST K-3479

Meinardi, H.

The relation between the prescribed dose of anti-  
epileptic agents and the measured blood levels  
NEDERLANDS TIJDSCHRIFT VOOR GENEESKUNDE, v. 115,  
1971, pp. 915-920  
NRC 73-12919-060

Meineri, G.

Subgravity effects and simulation methods in laboratory situations and in flight.

RIVISTA DI MEDICINA AERONAUTICA E SPAZIALE (ROMA) vol. 26

no. 1, 1963, pp 80-98

NASA TT F 14, 934

may 1973

MEYNEIT, K.

//PHYS. CHEM.//

--/--/1971,VO246,NO3-4,

Mathematical Evaluation of Complex Consecutive  
Equations Using A special Approximation Method (U), 9 pp

pp 257-264,ACSI-K-2631,FSTC-NI-23-2076-72

DISTRIBUTION LIMITED TO US GOVT AGENCIES@@



Meisel, T.

Process for the determination of phosgene.  
MAGYAR KEMIKUSOK LAPJA, 1962, pp 421-423,  
v. 17.  
NTC 73-12355-07B.

MEISEL, W.  
//WERKSTOFFE UND KORROSION//  
--/--/1970,V0021,N0004,  
Mossbauer Spectrometric Measurement of Corrosion  
Films,  
pp 249-253,HB Trans. 819500

Meiron, D. V.

*On the mechanism of action of Fluorofur, a new  
Antineoplastic agent.*

VOPROSY MEDITSINSKOI KHIMII, Vol 18, No 3, 1972,

pp 288-293

NTC 73-13977-060

Meisel, W.

Mossbauer spectrometric measurement of corrosion films.

WERKSTOFFE UND KORROSION, Vol 21, No 4, 1970,

pp 249-253

HB trans 8195

Meissner, E.

On the buckling of annular circular discs.

SCHWEIZERISCHE BAUZEITUNG

Vol 101, No 8, Feb 25 1933, pp 87-89.

NAL-TR-45

*Maisner, J.*

*Extensional behavior of polyethylene melts.*

*RHEOLOGICA ACTA, Vol 10, 1971, pp 230-242*

*NTC 73-14383-111*

Meissner, J.

*Rheometer for the investigation of the deformation  
mechanistic properties of plastic melts under defined  
tensile stress.*

*RHEOLOGICA ACTA, Vol 8, No 1, 1969, pp 78-88*

~~NTC 73-13~~

NTC 73-14384-111

*Meister, H.*

*Protection of transmitter installations against  
lightning.*

*TECHNISCHE MITTEILUNGEN PTT, Vol 50, 1972, pp 528-534*

*NTC 73-14756-09C*



Meister, H.

Skin changes in monocytic leucosis.

FOLIA HAEMATOLOGICA. LEIPZIG, v. 96, p. 156-166, 1971.

NTC 73-10906-06E.

Meister, R.

Oxygen addition in the heating of glass  
tank furnaces.

GLASTECHNISCHE BERICHTE, v. 45, n.6, p.251-  
260, 1972.

BGIR BGIRA-890

*NTC 73-10575-11B*

Meister, S.

*Specific planning problems during the construction of  
salt cavern storages.*

ERDOEL, ERDGAS, ZEITSCHRIFT FÜR BOHR-UND FÖRDEITECHNIK,  
Vol 88, 1972, pp 248-257  
NTC 73-14180-081

Meitus, V. Yu.

The Structure and Modelling of Robots 14 pp

BIOLOGICHESKAYA I MEDITSINSKAYA KIBERNETIKA, #7  
1970, pp 41-50

FSTC-HT-23-2262-72

MEJIA. L.  
//ESTUDIO GENERAL DE SUELOS//  
--/--/1970, V0001, N0001  
General study of soils  
pp 109-191, U.S. GEOLOGICAL SURVEY ON LOAN  
NATIONAL TRANSLATION CENTER##"

MEJIA, L.  
//COLOMBIA GEOGRAFICA//  
--/--/1970,V0001,N0001,  
General Study of Soils,  
pp 109-191, \*USGS Library, National Center, Reston@

The Effect of Uncertainty in the Situation Involving  
Change From 'Win' to 'Lose'. The Role of Frontal  
Segments of the Neocortex, by A. Ya. Mekhedova,  
22 pp.

RUSSIAN, per, Fiziologicheskiye Osobennosti  
Polozhitel'nykh i Otritsatel'nykh Emotsional'nykh  
Sostoyaniy, Moscow, 1972, pp 89-109.

JPRS 59072

May 73

D. Mekhtiyev

Azərbaycan Information Service to Improve,  
by D. Mekhtiyev, 5 pp.  
RUSSIAN, np, Baldinskiy Rabochiy, Baku, 25 Feb  
1973, p 2.  
JPRS 58642

Apr 73



Mekhtiyev, V.M.

Heat Exchange in the Separate Movement of Two  
Viscous Liquids Between Two Parallel Plates.  
IZV. VYSSH. UCHEB. ZAVED., NEFT GAZ, Vol. 15,  
1972, No.8, pp. 87-92.  
A.T.S. RO&GB 920

Mekhtieva, S.I.

Effect of Addition of Cadmium on the Electrical Properties of Selenium.

IZV. AKAD. NAUK AZERB. SSR, SER. FIZ. TEKHN.

I MAT. NAUK, 1965, No.2, pp.83-6.

A.T.S RJ-4719

MEKHTIYEVA, N. A.  
//IZVESTIYA AKADEMII NAUK AZERBAYDZHANSKOY  
SSR, SERIYA BIOLOGICHESKIH NAUK//  
--/--/1974,V----,N0001, pp 0030-0032  
The Role of Scientists of the USSR Academy  
of Sciences in the Development of  
Microbiology in Azerbaydzhan 3 pp  
JPRS 63689  
"

Belkhtizade, G.

educational Reforms Needed in Azerbaydzhan.

5 pp

BAKHSKIY RABOCHIIY, Baku, 31 Aug 1973, p 2.

JPRS 60366

MEKSHENKOV, M. I.

//DOKLADY AKADEMII NAUK SSSR BIOLOGICAL  
SCIENCES//

--/05/1974, V0216, N0003, pp 0652-0622

Reduplication recombination and gene action  
in the developmental cycle of the offspring  
of phage one fourteen merozygotes

CB

#

MEKSHENKOV, M.M.  
//DOKLADY AKADEMII NAUK SSSR, //  
--/11/1973, V0213, N0005,  
Complementation and phage transformation using  
chromosome fragments of bacteriophage T4D  
pp 1187-1190, CB@@

Melamed, M. M.

Planning Buildings of the Volga Automobile Plant.

10 pp

PROMYSHLENNOYE STROITEL'STVO, Moscow, No 8, 1968,

pp 11-15.

JPRS 62151

*Melamed, V. G.*

*Dynamics of the temperature field of a tabular intrusive  
in which the solidus temperature is variable*

DOKLADY AKADEMII NAUK SSSR, EARTH SCIENCE, vol. 207,  
no. 6, 1972, pp. 1434-1436

AGI