

Pesat, V.

Protection of Blast Furnace Auxiliaries from  
Burn-Off and Wear During Furnace Operation.  
HUTNIK, 1972, No.10, pp.389-393.  
BISI 11028

**Fischer, E.**

**Stability of hydrogen/oxygen flames**

**~~CONFIDENTIAL~~, v. 44, n. 1, 1971, pp. 27-33**  
**REF ID: A667318**

Paek, Z.

Changes in Roughness of the Surface of Cold/  
Rolled Steel Sheet as Related to Relative Elongation.

STROJIRENSTVI, 1972, No. 8, pp. 582-487.

BISI 11096

Peshkhonov, Yu.

Nonproduction Sphere Fixed Capital Studied.

17 pp

VOPROSY EKONOMIKI, Moscow, No 8, 1973, pp 52-62.

JPRS 60263



Paskov, V.

Soviet Correspondents Report Motor Trip Through  
the United States.

56 pp

KONSOMOL'SKAYA PRAVDA, Moscow, 13, 15, 16, 30  
June 1973, 5, 7, 15 July 1973, pp 3, 4.

KRASNAYA ZVEZDA, Moscow, 16, 24, 27 June 1973,  
pp 3, 4.

JPRS 59804

Peskov, V.

Soviet Correspondents Report Motor Trip  
Through the United States. 58pp.  
KRASNAYA ZVEZDA, Moscow, 16, 24, 27 June 1973,  
pp 3, 4.  
JPRS 59804

Podkov, V.

Soviet Correspondents Report Motor Trip Through  
the United States,

122 PP

FRANK, Moscow, 8 Mar-28 Apr 1973; KISHINEV, MOSCOW  
1973, Moscow, 18 Apr-30 May 1973, 3, 5, 7 June  
1973

SPRS 99-06



Pesnel, G.

Value of determination of lactic dehydrogenase activity in cerebrospinal fluid in acute meningitis.

ARCHIVES FRANCAISES DE PEDIATRIE (Paris), Vol 27, pp. 218-219, 1970.

NMTI #1656

**Peotskaya, E.A.**

**TRUDY, LENINGRADSKOE OBSHCHESTVO BKSLIBRISTOV**  
**Vol 59, No 2, 1929, pp 31-44**

**\*NTIS-TT-74-53288**

Enterprise Use of Bank Credit on Soviet Principles,  
by M. Frenkel, 11 pp.  
RUSSIAN, pos, Dom'sti i Kredit, Moscow, No 1, 1973,  
pp 37-44.  
JPRS 59151

June 73

Paster, J.

*On the graduation of fire and explosion risks.*  
CHIMIE-INDUSTRIEL-TECHNIK, Vol 44, No 3, 1972,  
pp 95-99  
NFC 75-14155-13L

31-May-74

Anel (AFC-tr--7:57, pp 391-397) Maximum permissible  
MPP level according to the osteosarcinogenic effect.  
PITIRNIAOV, V.M. 1972. Translated from pp 265-270 of  
Biologicheskoye deystviye vneshnikh i vnutrennikh  
istochnikov radiatsii, Moscow. Meditsina, 1972.

NSA

Pestov, I. D.

Evaluation of the Prophylactic Effect of Lower Body  
Negative Pressure (LBNP) During a Thirty-Day Bedrest  
Regime.

6 pp

KOSMICHESKAYA BIOLOGIYA I AVIAKOSMICHESKAYA MEDITSINA.

Moscow, Vol 8, No 4, 1974, pp 52-55.

JPRS 63175

PETCHENIKOVA, Z

FR

NEED TO STANDARDIZE NON-DESTRUCTIVE CONTROL TECHNIQUES

SEVENTH INTERNATIONAL CONFERENCE ON NDT, WARSAW, JUNE '73, PP1-5 32

FSTC-HT-23-0654-74

PETCU. MIRCEA  
//UNKNOWN//  
--/--/----, V----, N----  
methods of process identification in nonlinear  
system 27 pp  
pp not given ARM/FSTC/Ht-23-006-72  
DISTRIBUTION LIMITED TO US GOVERNMENT AGENCIES  
ONLY##



Mircea Petcu  
Methods of Process Identification in Non-Linear  
Systems  
ST. CERG. ENERG. ELECTR., Vol 20, No 4, pp 897-917,  
1970  
FSTC-HT-23-406-72

PETELINA, YE. V.  
//ARKHIV ANATOMII, GISTOLOGII I EMERIOLOGII//  
--/--/1973, V0065, N0012, pp 0065-0071  
Structure and Topography of Superior Olfactory  
Complex in the Dolphin 10 pp  
JPRS 63790  
†

Peter, A.

Interaction of the Sonic Boom and a Water  
Surface. (Interaction du bang et d'une  
nappe d'eau) *reassign title*

INSTITUT FRANCO-ALLEMAND DE RECHERCHES,  
St. LOUIS, (FRANCE), REPORT 517/1, October  
1971, 52 pages.

9 PRASA TT F 14,917

may 73

Lt. Col. Ernst Peter

Power Eggs for Short Takeoffs.  
DER SOLDAT, No. 8, 25 April 1971.  
~~FSTC-HT-23-672-72~~

Peter, H.

The TRANSMARK - a Laser Point-Data Transmitter - A Year  
of Practical Application in the USSR      13 PP

VEHNERSTREIFEN, No. 8, August 1971, pp 293-297

AGIL-X-1966

RFIC-EE-73-848-72

Peters, P.

Use of Indices in Factor Analysis.

6 pp

VESTNIK STATISTIKI, Moscow, No 7, 1974, pp 29-32.

JPRS 62975

Peterburgskiy, A.

Progress in Development, Use of Fertilizers,  
14 pp

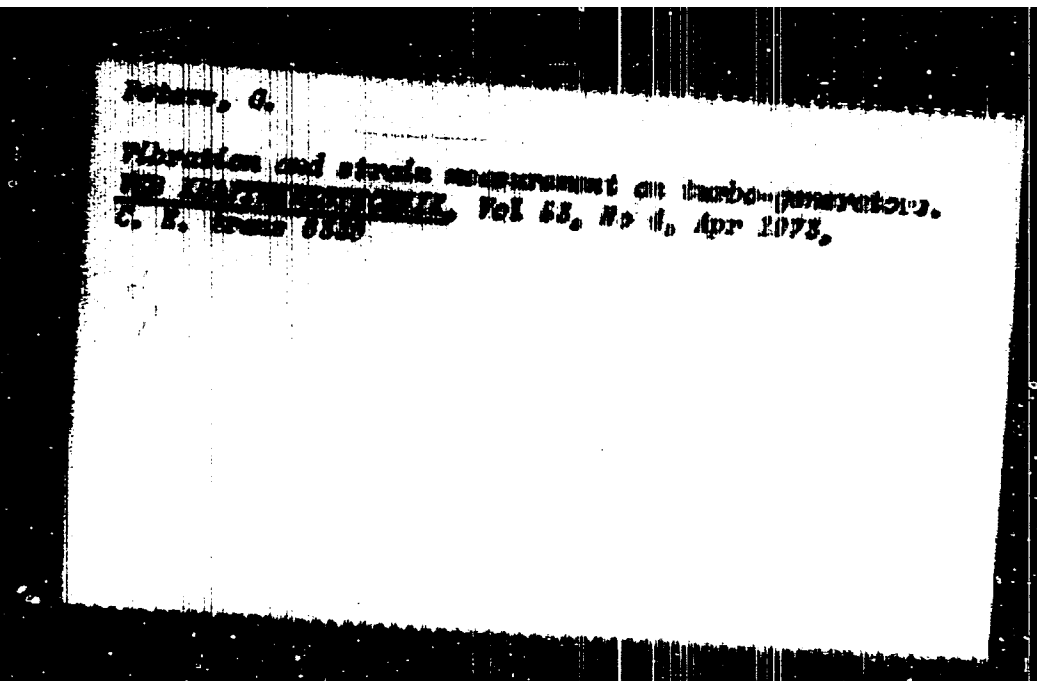
MEZHODNARODNIY SEL'SKOKHOZYAYSTVENNIY ZHURNAL.

Moscow, No 5, 1973, pp 24-29.

JPRS 61270

FRIBS, A.  
//GLASTECHEMISCHE BERICHTE//  
---/---/1973, V0046, B---,---,  
Glass Ampoules: New Data on Influences During  
Manufacture and Chemical Attack,  
pp 161-168, NTG 74-10493-115E2





Peters, Helmut

Turmoils Created by Mao Seen as Detriment to  
PRC Progress, 5 pp.

NEUES DEUTSCHLAND, East Berlin, 21 Mar 74,

p 6.

JPRS 61777

Mar 74

Paton, E.

Entropy and molecular heats of solid and liquid  
states at 0°K.

~~PROCEEDINGS, ACADEMY OF SCIENCES, BERLIN,~~

~~PHYS. MATH. CLASS., 1947, PP. 25-27~~

~~NYC 74-2382-670~~

Peters, E.

Advantages of gas-powder board. Finding for many applications.

RESEARCH AND DEVELOPMENT, 1972, p. 100-101,

v. 24, n. 3.

RD-5778

Peters, R. et al

Pre-Oxidation and Alloying of Steel Melts by  
Means of the Injection Process.

NEUE HUTTE, 1963, Jan., No.1, pp.43-47.

BISI 12012

1970  
// THE "CONFIDENTIAL" "INFORMATION SOURCE" //  
07/10/70, [unclear]  
[unclear] ex. [unclear] of a [unclear] (Confidential)  
[unclear]  
C. E. [unclear] 04700

*Reaction, 5.*

*Reactions with Naphthoquinone aldehydes. Part 3. Commercialization: 2-(1,4-Naphthoquinon-3-yl)-2-Methylpropionic acid and its reactions.*

JOSIAS LIBERTO'S ANNALES DE CHIMIE, Vol 786, 1972,  
pp 24-25

NYC 72-14784-07C

S. PETERSEN

Low-Molecular Conversion Products of Aliphatic  
Diisocyanates. 5th Paper on Polyurethanes.  
JUSTUS LIEBIG'S ANNALEN DER CHEMIE, Vol 562,  
pp 205-229, 1949.  
NTC 73-10229-07C

Mar 73



Petereil's, I. A.

Results of a study of gas content in the Khibiny Tundra.  
VOPR, GEOL. MINERALOG. I PETROGR. KHIBINSKIKH TUNDR, AKAD.  
NAUK SSSR, KOL'SK. PILLIAL, 1981, pp 89-103  
AMS RJ-6018

Peterskov, A.G.

Method of Using Correlation Links Between the Relief of the Surface and Deep Geological Boundaries for Purpoaes of Regional Reconstruction.

GEOL. NEFTI GAZA, V.16, 1972, No.8, pp.68-9.

A.T.S. RO&GB 885

Peterson, B.E.

Center of the Lung

RAK LEGKOGO 1971, 387 pp

\*NTIS-TT 74-53000

PETERSON, OTTO  
PHYSIKALISCHE ZEITSCHRIFT, //  
15/01/1974, V0041, N0002,  
Development of an optical method for measuring  
supersonic sound absorptions in gases and  
liquids, 21 pp  
pp 29-36, AIR/FTD/HC-23-1586-7400

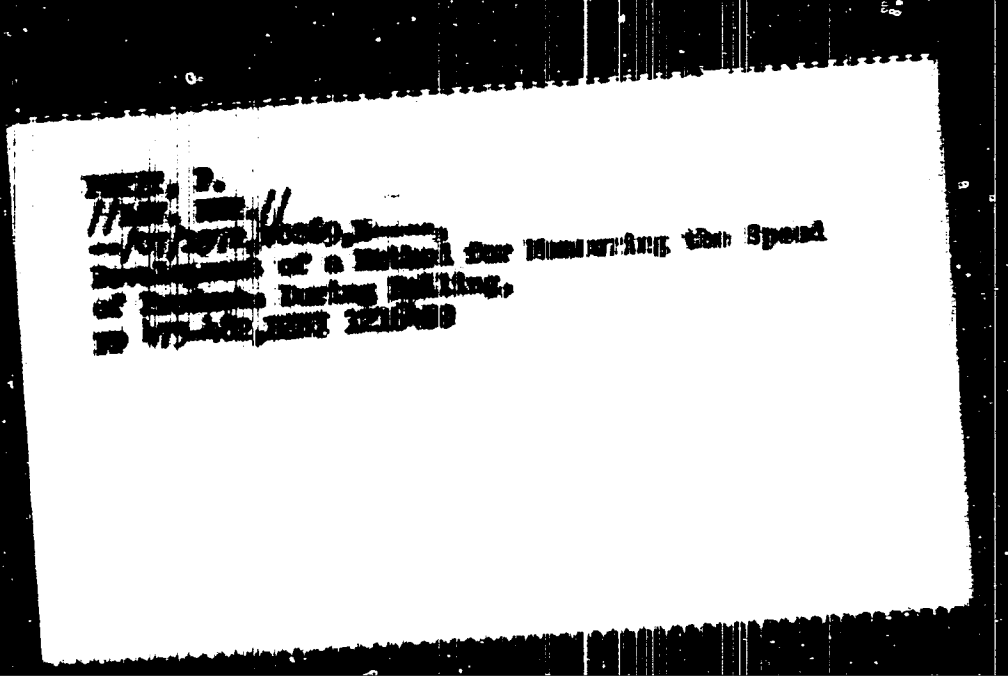
PETESHEV. V. M.

//TRUDY AKAAD NAUK KAZAKHOSI SSR INST ZOO//

--/---/1967. V0028. N----

Clinical picture and pathomorphology of  
naplasmois in sheep and wild ruminants 19 pp  
pp 141-152 NTIS tt72-51142##

WATSON, H. S.  
//RESEARCH REPORTS FROM SOCR, BOTANICAL SCIENCES//  
--/02/1973, VOL 11, NO 004,  
Influence of the Soil Moisture Content on the  
Technological Properties of Fiber and the Oil  
Content in Seeds of Cotton,  
PP 1000-1002, CBSO



Petit, P.

Replacement of the Esophagus by a Colon Transplant in  
the Infant and the Child: Indications, Techniques and  
Results

ANNALS DE CHIRURGIE INFANTILE, Paris, v. 11, n. 3,  
1970, pp. 191-198  
NFC 70-12530-06R



Potkov, Duno

Achievements of Bulgarian Navy Outlined, 5 pp.  
ARMEYSKI PREGLED, Sofia, No 8, Aug 74, pp 38-

43.  
JPRS 63228

Nov 74

Petkovic, Djokica

Moro Secondary Schoolers Joining Party, 5 pp.  
MLADOST, Belgrade, 28 Mar 74, pp 12-13.  
JPRS 61949

Jul 74

PETKOVSEK, Z.

SC

MEASUREMENTS AND COMPARISONS OF THE DROP DIA  
METERS IN LJUBLJANA FIG

UNKNOWN

FSTC-HT-23-0360-74

J. Petr

*The future of thick steel strip production.*  
*HUTNIK, Vol 18, No 9, 1968, pp 432-436*  
BISI 7224

nov 69

Vladimir Petr

*Czech comment on the possibilities and limitations of peaceful coexistence. 10 pp.*

MEZINARODNI VZTAKY, No 1, Jan-Mar 1966, pp 26-32

JPRS 38724

dec 66

Petrak, F.

ANNALES MYCOLOGICI, Vol 19, 1921, pp 273-295

\*NTIS-TT-74-53044

*L. Petrakev*

*Rubber processing industry development noted. 8 pp.*  
*KHIMIYA I INDUSTRIYA, No 6, Aug-Sept 1969, pp 258-260*  
*JPRS 49,486*

*jan 70*

Ward, A. K.

Analysis of the non-uniformity of the displacement of  
the plastic base on the Vickers diamond and the edges to  
the base.

ISSUED BY I. K. KURCHENKO, No 6, 1978, pp 60-61

REF ID: A687507



*N. Petrakov*

*Review of book on planning and the market. 6 pp.*

*NOVYY MIR, No 7, 1966, pp 264-267*

*PRS 39088*

*dec 66*

Petrakov, N. Ya.

Methodological Problems Encountered in Retail  
Price Planning.

10 pp

ЭКОНОМИКА И МАТЕМАТИЧЕСКИЕ МЕТОДЫ, Moscow, No 2,  
Feb 1974, pp 267-274.

JPRS 61999

JPRS 62653

**Petrakov, Ye.**

**Subsidiary and Craft Enterprises in Conflict.**

**5 pp**

**SEL'SKAYA ZHIZN', Moscow, 9 Aug 74, p 2.**

**JPRS 63113**

G. A. Petrakovskiy

*On the nonlinear theory of spin wave excitation in  
ferrites by a longitudinal microwave magnetic field.*

7 pp.

IZV. VUZ. FIZ. No 5, 1965, pp 128-133

CIA/FDD X-5823

FOR OFFICIAL USE ONLY

mar 66

*JIRI Petran*

*Plans for investment construction. 8 pp.*  
*HOSPODARSKE NOVINY, No 7, 19 Feb 1965, pp 4 & 4*  
*JPRS GUO 676*

*apr 65*

V. PETRANOVIC

Firing the 82 - Millimeter mortar at night, by  
V. Petranovic, 14 pp.  
COMMUNIST WAR ONLY  
WARB BUREAU, No 4, 1971, pp 3-9.  
EM/100/21-13-1161-72

Mar 73

*I. Petrash*

*Variations observed in the process of respiration of  
vegetable tissue under gamma radiation.*

*DOK AK NAUK SSSR, Vol CLXX, 1966, pp 711-713 703*

*NASA TT F-462*

*dec 66*

PETRASH, P ETAL

RU

PROCEEDINGS OF THE SCIENTIFIC-TECHNICAL CONFERENCE ON THE UTILIZATION OF IONIZI

DUKLADY NAUCHNO-TEKHNICHESKOY KONFERENTSI I PO ISPOL'ZOVANIYU IONIZIRUYUSHCHIKH

PRIKSKOYE KNIZHOYE IZDATEL. TULA 1970 313PP

FSTC-HT-23-1512-73



*Yu. Petrash*

*The myth about Islamic monuments in Uzgen. 6 pp.*

*NAUKA I RELIGIYA, No 6, 1966, pp 22-24*

*JPRS 37527*

*apr oct 66*

*Geza Petrasovits*

*The Guidance activities of the Department of Technical  
Sciences of the Academy and the status of research under  
its guidance. 9 pp.*

MAGYAR TUDOMANY, Vol LXXIII, New Vol XI, No 1, 1966,  
pp 48-52

JPRS 35074

apr 66

PETRAUSKAS, A. K.  
//YADERNAYA FIZIKA,//  
--/03/1978, V0C17, N0003  
Calculation of the properties of low-lying  
levels taking multiquantum excitation into  
account,  
pp 519-524, AIP88

*V. Petrauskayte*

*Lithuanian public health workers confer. 9 pp.*  
*SOVETSKAYA LITVA, Vil'nyus, 9 Jan. 1969, pp 1,3*  
*JPRS 47630*

*apr 69*

I. A. Petreko

*Effect of antiseptics in soil microflora during soil  
burial testing.*

IZV SIBIR OTD AK NAUK SSSR, Vol 15, No 3, 1968,

pp 72-75

ARM/FSTC-HT-299-69

nov 69

O. P. Petrenchuk

*Chemical composition of cloud water for the different  
microstructure of the clouds. 8 pp.*

TRUDY LENINGRAD. GLAVNAYA GOEFIZICHESKAYA OBSERVATORIYA,

No 207, 1968, pp 82-86

AIR/FTD-MT-24-17-70

may 70

*O. P. Petrenchuk*

*An experimental investigation of temperature conditions  
in a Niclai condensation counter, 10 pp.*  
*TRUDY LENINGRAD. GLAVNAYA GOEFIZICHESKAYA OBSERVATORIYA,*  
*No 207, 1968, pp 98-103*  
*AIR/FTD-MT-24-17-70*

*may 70*

Petrovskii, O. P.

Chemical Composition of Cloud Water in Urban Industrial Districts under various Weather Conditions

GLAVNAIA GEOKHIMICHESKAYA OBSERVATORIYA, Leningrad.

TRUDY, n. 23, 1969, pp. 81-89

Available on loan REF 73-12800-043 (pp. 81-89)



A. A. Petrenko

System of monitoring and measuring instruments for fast reactors. 20 pp.

SIMPOSIUM SEV: SOSTOYANIYE I PERSPEKTIVY RABOT PO  
SOSDANIYU SES S REAKTORAMI NA RYSTRYKH NEYTRONAKH,  
SBO:NIK DOKLADOV, Obinsk, 1967, pp 312-333  
JPRS 48,330

jul 69

A. I. Patrenko

*Procedures for reading functions to two variables in  
cathode ray tube devices. 5 pp.*

CHITAYUSHCHIYE USTROYSTVA, 1965, pp 200-204  
JPRS 35,951

June 66

A. I. Petrenko

*Synposium on methods and equipment for conversion of  
graphic information for input into electronic computers.*  
5 pp

MEKHANIZATSIYA I AVTOMATIZATSIYA UPRAVLENIYA, No 2, 1967,  
pp 60-61

AIR/FTD-HT-3-27-69

mar 70

A. I. Petrenko

A device for automatic identification of the color of  
object. 13 pp.

IZV. VUZ. RADIOELEKTRONIKA, Vol 10, No 8, 1967,

PP 801-808

AIR/FTD-MT-24-349-68

may 69

Petrenko, A. M.

Contrary to the Interests of the Developing Nations.

14 pp

PROBLEMY DAL'NEGO VOSTOKA, Moscow, No 2, 1974.

pp 70-86.

JPRS 62512

*F. Petrenko*

*Principles of party democracy. 11 pp.*  
*KOMMUNIST, No 18, Dec 1965, pp 36-42*  
*JPRS 33895*

*a feb 66*

F. Petrenko

*Decomraotic centralism called immutable principle. 13 pp*  
PARTIYNAYA ZHIZN', No 20, Oct 1968, pp 12-20  
JPRS 46900

*dec 68*

Istrenko, F.

Cuban Communist Party Structure, Personnel  
Described.

8 pp

PARTIYNAYA ZHIZN', Moscow, No 8, Apr 1973,

pp 75-79.

JPRS 59655



Petrenko, F.

A New Stage in the Development of the DRV -- New  
Demands Facing the Cadres.

15 pp

ICOMUNIST, Moscow, No 10, July 1973, pp 60-74.

JPRS 59918

Petrnico, I.

Comments on Civil Defense Work.

5 pp

VOYENNYE ZHANIYA, Moscow, No 5, May 7<sup>th</sup>, pp 26-27.

JPRS 62438

I. A. Petrenko

Soil microflora and the first phase of wood destruction  
during range tests.

DREVESINA YEYE ZASHCHITA I PLASTIKI, 1967

ACIS-J-4581

ID 22040412268

June 68

Perkins, R. F.

*Physical bases of forecasting the height and speed of the surface wind.*

~~ВОПРОСЫ ФИЗИКИ И МЕТЕОРОЛОГИИ~~ ~~ИЗДАНИЕ~~ ~~ПЕЧАТНИКОВСКИИ~~  
~~ВОПРОСЫ ФИЗИКИ И МЕТЕОРОЛОГИИ~~ No 13, 1967, pp. 11-18  
MC 75-11975-043

*N. V. Petrenko*

*Quantitative forecasting of the height and speed of the maximum wind in jet streams.*

*METEOROLOGIYA GIDROL. No 8, 1967, pp 39-48*  
*NLL/5828.4P (7194)*

*aug 69*

*N. V. Petrenko*

*The principles of the drawing of charts of vertical  
wind shears in jet streams.*

*TRUDY LEN. GIDROMET. NAUCH. ISSLED. TSENTR. No 26, 1968,*

*pp 61-71*

*NLL Ref: 5828.4F (M 7648)*

*oct 69*

P. Petrenko

Action of Soviet military personnel in Hungary. 7 pp.  
KRASNAYA ZVEZDA, 9 Oct 1969, p 3  
JPRS 49,298

dec 69

V. P. Petrenko

*The deviations of Meromorphic functions with lower order  
less than one.*

DOK AK NAUK SSSR, Vol 187, No 1, 1969, pp 40-42

AM MATH SOC

Vol 10, No 4, July-Aug 1969

jan 70



V. P. Petrenko

*On the structure of the set of positive deviations of  
meromorphic functions.*

DOK AK NAUK SSSR, Vol 189, No 4, 1969, pp 718-720

AMER MATH SOC

Vol 10, No 6, 1969

may 70

V. V. Petrenko

*The influence of ultrasonic vibrations on the effectiveness of lubricants during free compression of aluminum.*  
6 pp.

VESTSI. AN BSSR. SERYYA FIZIKA TEKHNIICHNYKH NAVUK, No 2,  
1968, pp 103-105  
AIR/FTD-MT-24-143-69

jan 70

V. V. Petrero

*Some problems of cold Volumetric stamping of metals in  
an ultra-sonic field. 6 pp.*

*DOK AKAD NAUK BSSR, Vol 13, No 6, 1969, pp 519-522*

*ARM/RSIC-tr-958-69*

dec 69

*Ye. Petrenko*

*Bacteria against insects.*  
*SOVETSKAYA ROSSIYA, 2 Mar 1968*  
*NLL Ref: 5828.4F (7358)*

*apr 69*

*J. Petrenkow*

*Journal assesses West -Berlin legal status. 13 pp.*

*DEUTSCHE AUSSENPOLITIK, East Berlin, Feb 1969,*

*p? 152-162*

*JPRS 48623*

*JPRS 48875*

*aug 69*

PAPERS AND ANTICORROSION COMPLEXES MADE IN TH  
E ROMANIAN SOCIALIST REPUBLIC

AUTHOR ----- HERSCU G PETRES

CELULOZA SI HIRTIE VOL 21 NO 10 1972 PP 534-5  
38

FSTC-HT-23-0295-74

PETRIK, MIROSLAW

//ZEMEDLSKE NOVINY//

28/11/1974, V-----, N-----, pp 0001

also pp 5

1974 Agricultural Results in CSR Reviewed 5 pp

JPRS 63745

#

*P. L. Petrilli*

*The practical aspects of air pollution: Study of the  
relations to health.*

GIORNALE DE IGIENE E MEDICINA PREVENTIVA, Vol 3, 1962,

pp 3-23

NTC 73-10556-08P

may 73



**Polzin, D. E.**

**Existence of thermodynamic limits in certain quantum  
field theory models**

**RUSSIAN JOURNAL OF MATHEMATICAL PHYSICS, vol. 210,  
no. 1, May, 1973, pp. 55-61  
American Institute of Physics**

PETZMAN, IVO

Czech Addresses GDR Conference on Remelting  
Process in Steel Production, by Ivo Petzman,  
16 pp.

GERMAN, per, Neue Huetten, Leipzig, Vol 18,  
No 2, Feb 73, pp 72-78.

JPRS 58924

May 73