

Average Wage Increase Analyzed, by Zygmunt  
Szeliga, 6 pp.  
POLISH, per, Polityka, Warsaw, No 17, 28 Apr  
73, pp 4, 5.  
JPRS 59205

Jun 73

Szeliga, Zygmunt

Progress in Solving Youth Problems Reviewed,  
13 pp.

POLITYKA, Warsaw, 29 Sep 73, pp 6, 7.

JPRS 60379

Nov 73

Szemberg, Anna

Economic Journal Comments on Private Farming,  
8 pp.

ZYCIE GOSPODARCZE, Warsaw, 13 Jan 74, p 6.

JPRS 61208

Mar 74

Szenkova, Isabella

Drug Addiction Among Polish Youth Termed Social  
Problem, 8 pp.

ZDROWIE, Warsaw, No 7, Jul 73, pp 8, 9.

JPRS 60282

Nov 73

Szentagothai, Janos

Report on General Meeting of Department of  
Biological Sciences Published, 17 pp.

A MAGYAR TUDOMANYOS AKADEMIA BIOLOGIAI  
TUDOMANYOK OSZTÁLYÁNAK KÖZLEMÉNYEI, Budapest,  
No 3, 1973, pp 181-199.  
JPRS 61528

Apr 74

USE OF AN ADHESIVE SUBSTANCE FOR JOINING THE  
WALL OF VESSELS IN ANIMAL EXPERIMENT

AUTHOR ----- SZENTGALI F

*conf. date 8/96*

ORVOSI HETILAP ~~VESZTES~~ NR 51 21 DEC 1969 PP 3  
001-3003

FSTC-HT-23-0252-74

Szepesi, D.

The role of meteorology in the preservation of  
Clean air.

IDOJARAS, v. 74, p. 513-530, 1970.

NTC 73-11077-04B

Szermer, Bohdan

Port Gdansk and Port Polnocny Complex  
Described, 13 pp.

TECHNIKA I GOSPODARKA MORSKA, Gdansk, No 11,  
Nov 73, pp 674-678.

JPRS 61100

Mar 74



Szeworski, Jerzy

Long-Range Development of Construction Industry  
Capability Noted, 12 pp.

PROBLEMY ROZWOJU BUDOWNICTWA, Warsaw, No 2,  
Mar-Apr 73, pp 32-36.

JPRS 59990

Oct 73

Szidarevsky, Janos

Ministry of Transport and Postal Affairs  
Computer Technology Concept, 11 pp.

KOZLEKEDESI KOZLONY, Budapest, Vol 30, No 23,  
9 Jun 74, pp 436-439.

JPRS 62852

Nov 74

SZIEGOLEIT, W.

//ZEITSCHRIFT FÜR DIE GESAMTE INNERE MEDICIN UND  
IHRE GRENZBEGRIFFE//

--/--/1972, V0027, N-----.

Clinical and pharmacological double-blind study  
with different types of roasted coffee on  
gastroenterological patients,  
pp 490-492, NTC 74-11458-06E##

Szikra, Palus nee

Role, Rules of Material Incentives Discussed,  
11 pp.

TARSADALMI SZEMLE, Budapest, No 10, Oct 74,  
pp 23-31.

JPRS 63424

Doc 74

SEILAGYI, T.

//KISERLETES ORVOSTUDOMANY//

--/--/1986, V----, N0017.

Hypothermia and horse-serum anaphylaxis, 7 pp.

PP 322-326, AIR/FTD-NC-22-2106-74

DISTRIBUTION LIMITED TO U.S. GOV'T AGENCIES ONLY  
COVERING INFORMATION OTHER REQUEST MUST BE  
REFERRED TO FTD#1

Szita, Janos

Perspectives of All European Economic Cooperation  
Examined.

12 pp

KOZGAZDASAGI SZEMLE, Budapest, May 1974, pp 537-  
548.

JPRS 62296

SZITA, JANOS  
//KOZGAZDASAGI SZEMLE//  
--/11/1974, V---, NO011, pp 1245-1263  
Questions of All-European Cooperation,  
East-West Trade Examined 20 pp  
JPRS 63815  
#

Szita, Janos

European Political Detente's Effect on  
Continent's Economic Relations, 10 pp.  
KULGAZDASAG, Budapest, No 7, Jul 73, pp 485-  
492.  
JPRS 59969

Oct 73



**Salenklar, T. R.**

Latest civil V/Stol aircraft project of Eastern Airlines aviation.

FLUG-REVUE INTERNATIONALE, No 6, 1971, pp 56-62;

pp 72-74

HTC 73-22008-01B

NTIS N73-13012

W. Szmelter

The Flexural Rigidity of Textiles, by W. Szmelter, 78 pp.  
WLOKNIENICTWO, No 20, 1969.  
WFIB TT 71-54064

Apr 73

SZMIDT, W.

//3RD INTERNATIONAL SYMPOSIUM ON COMBUSTION  
PROCESSES, KAZIMIERZ, POLAND//

--/09/1973, V----, N----

Measurement of ballistic characteristics of  
combustion products of solid rocket fuels, 3 pp,  
pp 71-73

IR 1 570 0724 73 11 December 1973

AIR/FTD-HT-23-1408-74

DISTRIBUTION LIMITED TO U.S. GOV'T AGENCIES ONLY  
COPYRIGHT INFORMATION. OTHER REQUEST MUST BE  
REFERRED TO FTD##

Smajdar, J.

Influence of Methods of preparing Aluminosilicate Catalysts on their proton acidity and activity in the Catalytic Process of Xylene Isomerization. Part II. The Alternate Precipitation and the Coprecipitation of Gels

PIZZARELLI CHEMISTRY, v. 41, 1962, pp. 454-457  
SIC 73-12761-079

Banažec, J.

Influence of the Methods of preparing Aluminosilicate Catalysts on their Proton Acidity and Activity in the Catalytic Process of Aromatic Isomerization. Part I. Separately Precipitated Gels Mixed in a wet State  
REACTIVA CHIMICII, v. 41, 1962, pp. 274-278  
NTD 75-12762-07D

Szoke, Andras

Progress of CEMA Computerization Program  
Highlighted, 6 pp.

FIGYELO, Budapest, 9 Oct 74, pp 1-2.

JPRS 63377

Dec 74

BZOK, L.  
//HEHE HUTE//  
--/--/1974, V0019, W0003,  
Experiences with the Charging of Sponge-Iron  
Briquets and Pellets in the Arc Furnace,  
pp 132-136, HB 927988

Seelisch, E.

Data on the effect of low carbon monoxide content in the  
air on humans.

ZENTRALBLATT FÜR ARBEITSMEDIZIN UND ARBEITSHYGIENE, Vol. 2

1971, pp 69-73

NTC 75-14004-05P



*Expilacki, Josef*

*On chemical quantum generators 12 pp*

*CHIMIE, vol. 25, nr. 8, 1972, pp. 221-226*

*AIR/FID-SC-25-191-74*

SZPRENGIER, TERESA.

//MEDYCINA WETERNARYJNA: XXVII, //

---/---/---. V---, N0002,

The problem of mercury contamination of the  
biological environment and domestic animals, 7 pp  
pp 82-86, PSTC-HT-23-2298-7288

Szpringer, Michal

Minister Kusiak Interviewed on Urban Develop-  
ment, 6 pp.

RADA NARODOWA-GOSPODARKA-ADMINISTRACJA,  
Warsaw, 7 JUL 73, pp 8-9.

JPRS 59894

Sep 73

Szu-hua

The Lin Piao Anti-Party Clique Is the Mortal  
Enemy of Proletarian Dictatorship.

Kuang-ming-Jih-pao, Sept. 15, 1973, 8pp.

Survey China Mainland Press, No. 5487, Oct. 2,  
1973.

Szukiel, Eleonora

Results of Studies on the Effectiveness  
of Repentol-1 on the Protection of  
Young Plantations Against Browsing

SYLWAN, Vol 114, No 7, 1970 pp 61-68

\*NTIS-TT-74-54010

SZUMANSKI, KAZI PO

ANALYSIS OF THE USE OF AN AUXILIARY WING ON A  
HELICOPTER.

TECHNIKA LOTNICZA I ASTRONAUTYCZNA, 6/1973, 9  
-13,29.

FSTC-HT-23-0675-74

SZWAJ, STEFAN

//ARCHIWUM BUDOWY MASZYN//

--/--/1964, V0011, N0003, pp 0599-0618,

Shearing Strength of Soil During Quick  
Deformation, 22 pp

NTIS-TT-73-54027

SZWAJ, STEFAN  
//ARCHIWUM BUDOWY MASZYN//  
--/--/1965,V0012,N0001, pp 0149-0164  
Quick Compression of Soil in a Triaxial Testing  
Device, 18 pp  
NTIS-TT-73-54027  
#



SZWAJ, STEFAN

//ARCHIWUM BUDOWY MASZYN//

--/--/1968,V0015,N0001, pp 0153-0166

Quick Strain Processes in Soil, 17 pp

NTIS-TT-73-54027

#

Szwankowski, Stanislaw

Development of Container Terminals Described,  
16 pp.

TECHNIKA I GOSPODARKA MORSKA, Warsaw, Jan 74,  
Vol 24, pp 35-39.

JPRS 61412

Apr 74

Szwarc, Karol

Initial Results of New Economic Management  
Systems Reported, 6 pp.  
ZYCIE GOSPODARCZE, Warsaw, No 36, 9 Sep 73,  
pp 1, 4.  
JPRS 60306

Nov 73

Szwitalski, Horst

European Control Authority Urged to Clean Up  
Rhine, 6 pp.

STERN, Hamburg, 17 Jan 74, p 18, 22.

JPRS 61164

Mar 74

Szydlik, W.

The effect of ferrite structure on the weld-  
ability of mild steel.

PRZEGLAD SPAWALNICTWA, Vol. 23, n. 8, 1971,

p. 207-217

VER VR/59/72

SZYMCZAK, J.

//ROCZNIKI PANSTWOWEGO ZAKLADU HIGIENY//

--/--/1963,V0014,N0003,

Determination of Microgram Amounts of Arsenik in  
Food and Articles of Daily Use, 10 pp

pp 239-244, NTIS-TT-73-5406700

SZYMUNSKI, JERZ

PG

DEVELOPMENT OF PRODUCTION OF GEODETICAL MEASU  
RING INSTRUMENTS IN THE USSR

*complete 17 pp*

PRZEGLAD GEODEZYJNY, VOL 45, #1 (1973) WARSAW  
, PP 13-18

FSTC-HT-23-1697-73

BYDRA, J. M.

//RECEIVED//

--/--/1972, V-----, NO001, pp 0299-0300

Competition in larvae of caudate amphibians

HTC 74-13991-06C

#



SECRET, A.  
//PENDING LEXICON//  
---/1964, WOOD, B.---  
Post-Camp Activities in Ex-Prisoners of the  
Soviet Concentration Camps.  
NY 23-29, HRC 74-10640-07300

Szyndler-Glowacki, Wieslaw

Polish-U.S. Trade Reviewed, 22 pp.  
ZYCIE GOSPODARCZE, Warsaw, No 38, 22 Sep 74,  
p 14.  
JPRS 63399

Dec 74

Polish-West German Trade Relations Discussed,  
by Wieslaw Szyndler-Glowacki, 7 pp.  
POLISH, np, Zycie Gospodarcze, Warsaw, 6 May 73,  
p 10.  
JPRS 59217

Jun 73

Ts-Chiung, Lu

Investigation of the Laser Bubble Chamber.

6 pp

K'O-HSUEH T'UNG-PAO. Peking. Vol 18, No 1, July  
1973. pp 22-24.

JPRS 60569

Tabachenko, V.B.

1973

Economic effect of storage and transportation of fish  
meal in bulk (Ekonomicheskiy effekt khraneniya i  
transportirovaniya rybnoy muki nasyp'yu)  
Rybnoe khozyaistvo, 40(1): 61-2. In Russian.

Transl. by IPS for SSSR, Jan. 1974, 2p., typescript.

Avail. on loan - JPRS, Wash., D.C.

Unified Indicators for Research-Production  
Groups, by B. Tabachnikas, 5 pp.  
RUSSIAN, per. ~~XXXXXXXXXXXX~~ ~~XXXXXX~~ Moscow,  
No 17, Apr 1973, p 10.  
JPRS 99233

June 73

TABARNYY, V. G.

RU

AUTOMATED SYSTEM FOR INTEGRATED CIRCUIT DESIGN

*complete 16/p*

IZV. VUZOV SSSR-RADIOELEKTRONIKA, #6/1973, 1  
5-22

FSTC-HT-23-0518-74

Tabata, H.

Submarine Cable System

DEWAI TRUSHTO GAKKAI ZASSHI, v. 53, n. 11, 1970,

p. 1577-1578

HTC 73-11673-178



Tabatadze, D.G.

Effect of the absorption of oxygen on the electrical conductivity of thin films of simple semiconductors.

ZHURNAL FIZICHESKOI KHIMII, Vol.47, No.11,  
pp.2910-2912.

APL/JHU T-2846

Tabunov, N.

Formation of Communist Convictions in Military  
Personnel Detailed,

10 pp

KOMMUNIST VOORUZHENNIKH SIL, Moscow, No 15,

Aug 1973, pp 12-19,

JPRS 60101

Tabunov, N.

V. I. Lenin and Communist Education of Soviet  
Soldiers.

6 PP

KOMMUNIST VOORUZHENNYKH SIL, Moscow, No 2, Jan.

1974, pp 13-16.

JPRS 61520

Tabares, L.

Physiological effects of acceleration on astronauts  
REVUE FRANÇAISE D'ASTRONAUTIQUE, 7, 3, 1967, pp. 11-19  
NASA TT F-15,384

K. Tachimoto, et al

Welding of 9% Nickel Steel Tanks for Low Temperature Service.

ISHIKAWAJIMA-HARIMA TECH. REV., Vol 6, 1966, pp389.

BIBI 9491

Aug 73

Tada, O.

On the measurement of lead.

BODO NO KAGAKU, Vol 25, No 10, 1979, pp 28-38

NTC 78-14880-078

Tada, T.

On 50% Eutectic Ferrosilicon and Refining it in closed  
Furnaces

FUNDS ABOX, v. 19, n. 1, 1970, pp. 1-5

HTO 73-12453-11B

JAPANESE

Tada Kawase

The Link Belt HC-218 J Truck Crane 5 pp

FSTC-HT-23-811-70



5-Nov-74

Uncl (NP-tr--1952) High temperature regenerative heat  
exchanger for an open cycle MHD Power Plant. TADAMI, I.  
Translated from Mitsubishi Juko Giho; 10: No. 3, 90-  
98(1973). 27p.

201 magnetofluidmechanics; translations  
MN-13 NF EDB  
EDB-300101;

TADASHI HASEGAWA  
//NIPPON KINZOKU GAKKAISHI KAIHO//  
--/--/1972,V0011,N0003.  
Internal Stress in Creep Deformation 32 pp  
pp 192-202, ABC/ONL/TR-2818-7288

Tadashi, Y.

Electrostatic precipitators for cupolas.  
KUKI SELID, 1972, p. 50-55, v. 10, n. 3.  
NTC 73-12105-13R

Tadevosyan, E.

Unity Between the International and the National  
in the Statehood of the Peoples of the USSR.

15 pp

KOMMUNIST, Moscow, No 18, Dec 1973. pp 66-76.

JPRS 61198

Tadie, Ante 1960  
The collection of Unionidae in the Museum of Natural  
Sciences, Belgrade (Zbirka Unionida Prirodnjackog Muzeja  
Beogradu)  
Prirodnjacki Muzej u Beogradu, Special Publ., 28.  
In Serbo-Croatian.

Transl. by NOLIT for the Smithsonian Inst., 1973, as pp.  
43-84 in TT 71-56094, Avail. NTIS, price \$3.00.

Avail. on Loan - NIS, Wash., D.C.

Original Article Checked *MR*

Tadic, Ante

1980

The most important representatives of the mussels of the genus Unio from the Sava, Danube and Kopacko Jezero Lake (Najvažniji predstavnici školjaka roda Unio iz Save, Drave i Kopackog jezera) Prirodnjaci Muzej u Beogradu, Special Publ., 20. in Serbo-Croatian.

Transl. by NOLAT for the Smithsonian Inst., 1973, as pp. 3-41 in TF 71-56094, Avail. NTIS, price \$3.00.

Avail. on Loan - NMFS, Wash., D.C.

Original Article Checked. *MR*

Tadjo, Ehue

Minister Discusses Civil Service Pay Raise,  
5 pp.

FRATERNITE-MATIN, Abidjan, 23 Aug 73, p 1.  
JPRS 60180

Oct 73

Tadshibayev, Yu.

Conference on Economic Education at Samarkand.

1 p

EKONOMICHESKAYA GAZETA, Moscow, No 29, Jul 74, p 6.

JPRS 62746



Taeffner, K.

The formation of inclusions in rimming steels.

ARCHIV FÜR DAS EISENHÜTTENWESEN, 1972,

pp 379-387, v. 43, n. 5.

HB-8807.

Taft, V. A.

*Direct transformation of energy with the help of fuel  
elements and the future of their use in air transport.*

18 pp

TRUDY MOSKOVSKOGO INSTITUTA INZHENEROV SAMOLETOSTROENIYA I  
TRANSPORTA. RASCHET I VYDZHEKHOST' ELEKTRONNYKH DВИЖЕТЕЛЕЙ

No 261, 1968, pp 148-151

Air/FTD-MT-24-10-74

TAGER, A. A.  
//DOKLADY AKADEMII NAUK SSSR, PHYSICAL CHEMISTRY//  
--/12/1973, V0213, W0004,  
Calculation of the Swelling Pressure in Systems  
of Spatially Cross-Linked Elastomer and Solvent,  
PP 895-898, C888

Tager, L.F. et al

The Use of Metal Abrasive Waste Containing Silicon Carbide for Slag Oxidation and Metal Alloying.

STAL, 1973, No.8, pp.720-722.

BISI 11987

14 pages

S. A. Tager, et al

Development and Investigation of High-Temperature  
Combustor to be Used for a Solid Fuel MED Generator  
and Thermodynamic Analysis of Combustion Conditions.

FOR INTERNATIONAL CONFERENCE ON MED ANALYSIS OF

THE INTERNATIONAL CONFERENCE ON THE PROSECUTION OF  
CORRUPTION CONDITIONS, April 1971.

ACSI K-2545  
FOTC-HT-23-2007-72

Aug 73

Tager, S.A.

Development and Investigation of High-Temperature  
Combustor to be used for a Solid Fuel MHD Generator and  
and Thermodynamic Analysis of Combustion Conditions

5th International Conference on MHD Analysis  
of Combustion Conditions, April 1971

ACSI-K-2545

FSTC-HT-23-2007-72

al-Taghlibi, Nash'at

Economic Openness Must Feature Cooperation,  
Coordination, 13 pp.

AL-HAWADITH, Beirut, No 912, 3 May 74, pp 18-20,  
JPRS 62362

Sep 74



al-Taghlubi, Nash'at

President Comments on Various Arab and  
International Issues, 9 pp.

AL-AYYAM, Khartoum, 13 Feb 74, p 3.

JPRS 61928

Jul 74

Taguchi, I.

Application of Electrodeless Discharge Lamp  
for Atomic Absorption Spectrophotometry in  
the Analysis of Steel and Iron.

TETSU TO HAGANE, vol. 58, 1972, No.11, Lec-  
ture 180; p.S465.

HB 8954

Taheri, Amir

President Discusses Governmental Policies,  
6 pp.

KAYHAN, Teheran, 1 Sep 74, p 6.

JPRS 63358

Dec 74

Taheri, Amir

Changes After One Year Under New Regime  
Described, 5 pp.

KAYHAN, Teheran, 2 Sep 74, p 6.

JPRS 63358

Dec 74

Talich, I.

Problems of dust collection in pigment factories and  
their countermeasures

KOKI SHIRO, v. 10, n. 3, 1972, pp. 32-38

NTC 73-32369-13B

TAILLET, J

FR

REQUIREMENTS AND TRENDS OF COLLISION AVOIDANCE  
SYSTEMS

*complete 9 pp*

L'AERONAUTIQUE ET L'ASTRONAUTIQUE, 1973, #43,  
PP9-11 42

FSTC-HT-23-0838-74

Taillet, J.

Description and implementation of a method  
for characterising noise sources in jets  
27 pp.

DESCRIPTION ET MISE EN OEUVRE D'UNE METHODE  
DE CARACTERISATION DES SOURCES DE BRUIT DANS  
LES JETS. CHANTIERONS-LE BIEN

LET JETS. CHANTILLONSOUS-BAGNEUX, FRANCE.  
ONERA REPORT, 28 Aug.-2 Sep. 1972  
NASA-TT-F-14851



Gravimetric Investigation of the Ibaragi Granitic  
Complex, by Y. Tainosho, 16 pp.

JOURNAL OF THE GEODETIC SOCIETY OF JAPAN,

Vol 18, No 2, 1972, pp 78-88.

DMAAC-TC-1933

U.S. GOVERNMENT ONLY

June 73

Taitiro Gujinaga

Application to Nonaqueous Systems 17 pp

DENSHI KAGA KU Vol 39, Sep 1971

FSTC-HT-23-1215-72

DISTRIBUTION LIMITED TO U.S. GOVT AGENCIES

DISTRIBUTION LIMITED TO U.S. GOVT AGENCIES

3-Jan-74

Uncl (ORNL-tr--2736) Plastic deformation in cracked plates of low carbon steel under monotonic tension and cyclic tension-compression. TAIRA, S.; TANAKA, K. Translated from Zairyo; 22: 554-549(1973). 9p. Dep. NTIS \$3.00.

11F metallurgy; translations  
MN-25 P. NSA

Tajiri, Y.

*Effects of air pollution on metals.*

KOKI BEIJO, Vol 10, No 8, 1978, pp 80-89

NTC 78-14541-11P

Takada, T.

New Measuring Method for Obtaining Leakage Current from the Surface Potential Decay Process.

DENSHI SHASHIN, Vol. 11, No. 2, pp. 55-67, 1972.

A.T.S JS-341

TAKAMI, T.

//KASIO TOSHI//

--/1972, V--W0163,

Scale formation on the heat transfer surfaces of  
deceleration flash evaporators,

PP 56-62, WFO 74-10310-07/200

TAKAHASHI, A.  
//TEREBLJON//  
--/--/1972, V0026, H0006,  
Additions of Distortions and Their Interchange  
in a Television Transmission System,  
pp 474-484, HRC 74-10764-17B99



**Takahashi, H.**

**Studies on reactive surfactants. Part I.  
Hydroxamic acids and their derivatives.**

**YUKAGAKU, Vol. 15, n. 12, 1966, p.633-637**

**NRC C-11901**

TAKAHASHI, I.  
//FOUO EIGHT EIGHT//  
--/1973, 70013, 10002,  
Capable Best Collection by Mitsumi Static Electricity  
Net Filter,  
PP 33-38, HFC 74-10099-13220

Takahashi, K.

Behavior of aerosol particles in closed vessels.

KUKI RELIO, 1972, p. 27-33, v. 10, n. 2.

NTC 73-12118-20D

Takahashi, K.

Determination of Size Distribution and Number  
Concentration of Small Aerosol Particles by  
Light-Scattering Measurement.

KUKISEIJO Vol. 6 No. 2 pp 63-69.

FSTC-HT-73-1229-72

ACSI K-1749

Takahashi, K.S.

Changes of Plasma Growth Hormone During Nocturnal Sleep in Normals and Hypersomnic Patients.

ADVANCES IN NEUROLOGICAL SCIENCE (Tokyo),  
Vol.14, 1971, pp.743-754.

NAV/NISC/TRANS-3496-74