

Uncl (KFK-tr--426) 24-Jul-73
radiation. KOLOMENSKII, A.A. Translated by Rosemarie
Corssen from Symposium ueber kollektive
Beschleunigungsmethoden, Dubna, 27--30 September 1972.
(CONF-720952--7). 14p. (In German). Dep. NTIS (U.S.
Sales Only) \$3.00.
From Symposium on collective methods of acceleration;
Dubna, USSR (27 Sep 1972).

20G particle accelerators; translations
MN-28 NP NSA

ENEYGBERG, S.V.
//SYNKRONFLODE-GENERATOR", CHALMERS TECH, UNIV, INST,
FOR THE STUDY OF ELEC. MACHINERY, GOTEBOG, SWEDEN, //
16/01/1974, V----, N----,
Synchronous-flow generator, 2-pp 8, p
NASA TT F 1544000

LEBEDEV, L.
//SYNY GOLUBOY PLANETY//
--/--/1971,V----,N----
Sons of the Blue Planet 334 pp
Book, NTIS-TT-72-52004, NASA-TT-F-72800

H. Billig

*Discussion and planning of a system for a television
transmitting satellite. 21 pp.*

SYSTEMAUSLEGUNG UND PLANUNG FUER EINEN FERNSEHRUND-
PUNKSATELLITEN, Oct 1972, 18 pp
NASA TT F 14,660

apr 73

Morand, A.

The bimodal system. 30 pp
LE SYSTEME BI-MODE, May 1973, 32 p
NASA TT F 15056

Political Academy Teacher Discusses Debate on
Worker Class, by Adam Wirth, 5 pp.
HUNGARIAN, per, Szakszervezeti Szemle, Budapest,
No 1, Jan-Mar 73, pp 62-72.
JPRS 58624

Apr 73

Mehes, Lajos

Ways of Enhancing Influence of Trade Unions
Summated, 14 pp.
SZAKSZERVEZETI SZEMLE, Budapest, No 2, 1974,
pp 54-65.
JPRS 62322

See 74

WRETCIANI, RIVABAR

//SZANZELVETETI SETHIE//

--/--/1974,7----,00001, pp 0003-0014

Trade Union Tasks Derived From June Politburo
14 pp

REF 62794

"

Polish Computer Industry Surveyed, by Ferenc
Gal, 7 pp.
HUNGARIAN, per, Szamitastechnika, Budapest,
No 3, Mar 73, pp 6-7.
JPRS 59114

May 73

Ryad Exhibition in Moscow Reported, 14 pp.
SZAMITASTECHNIKA, Budapest, No 6, 1973, pp 1-4.
JPRS 59756

Sep 73

Kmety, Antal

Operation of R-20 Computer Demonstrated, 5 pp.
SZAMITASTECHNIKA, Budapest, Apr-May 74, pp 1-2.
JPRS 62814

Nov 74

YEVDOKIMOV, V. P.
"SZHATIYIYE DANNYKH I TOCHNOST VOSSTANOVELINYA ANALOGOVYKH
SIGNALOV", //

--/--/1973, V----, N----,
*Compression of data and accuracy of restoration of analog
signals, 20 pp*
pp 21 NASA TT F 1529100

Yevdokimov, V. P.

Compression of Data and the Accuracy of Restoration
of Analog Signals

SZHATIYE DANNYKH I TOCHNOST; VOSSTANOVLENIYA ANALOGOVYKH

SIGNALOV, USSR Academy of Sciences, Institute of
Space Research, Moscow, Report Pr-136, 1973, pp. 22

*NASA TT F-15,291

Cyranowicz, K.

Ceramic materials of high mechanical strength for high
tension insulators.

SZKLO I CERAMICA, Vol 13, 1962, pp 374-386

ORNL-Tr-2188

NTC 73-21835

Sura, M.

Experiments in the Production of Selenium-Cadmium Filters.

SZKLO I CERAM., Vol.14, No.1, pp.1-4, 1963.

A.T.S PJ-4720

Sylwestrzak, Mariusz

Combustion and its control. 14 pp.

SZKLO I CERAMIKA, Vol 20, No 2, 1969, pp 51-55

AIR/FTD-HC-23-37-73

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

J. Tomanek

The Influence of the Underwood and Undergrowth
on the Interception of Precipitation in Mix-
ed Forest.

Szkola Glouna Gospodarstwa Wiejskiego. War-
saw, Zeszytz naukowe: Lesnictwo, vol. 7, 1965
pp.7-38. 32pp.

*NTIS-TT-73-54040

may 73

Tuszynski, W.

Effect of rational operation for the tank on the
quality of glass

SZLKO I CERMIKA, v. 19, n. 2, 1968, pp. 46-48

NTC 72-13042-11B

Pakułska, M.

Problems of sheet glass drawing

SZKŁO I CERAMIKA, v. 21, 1970, pp. 208-212

NTC 72-13036-11B

Party Cultural-Policy Group Calls Social
Scientists Anti-Marxist, 14 pp.
SZOCIOLOGIA, Budapest, No 1, 1973, pp 45-55.
JPRS 59549

Aug 73

Results of Poll Conducted Among Youth, 6 pp.
POLISH, per, Sztandar Mlodych, Warsaw,
30-31 Dec 72, 1 Jan 73, pp 1, 4, 5.
JPRS 58754

Apr 73

TREATMENT OF WASTE WATER FROM THE 574 TANK WO
RKS AT LEUSDEN

LANGUAGE-DU COUNTRY-NE

NO. 10
TNO METAAL INSTITUAT

42

ESTC-HT-23-0782-74

Doorgeest, T.

Paint and air pollution.

T.N.O. NIEUWS, Vol 25, 1970, pp 37-42

NTC 73-14325-06J

G. H. van Kolmeschate

Mercury in the environment -- techniques of
analysis.

TNO-NIEUWS, Vol 26, pp 415 -418, 1971
NTC 72-15269-06J

mar 73

DE JONG, A. N.

//TNO NIEUWS//

--/--/1972,V0027,N0006,

Infrared: New Possibilities for Detection During
Day and Night, 9 pp.

PP 265-269,FSTC-HT-23-0406-73

DISTRIBUTION LIMITED TO US GOVT AGENCIES@@

COMPUTER AIDED DESIGN OF ELECTRONIC CIRCUITRY

T M H G BROUWER LANGUAGE-DU COUNTRY-NE

TNO NIEUWS NO 6 JUNE 1972 PAGE 282-284

FSTC-HT-23-1459-73

BARENDSE, A. W.
//TNO NIEUWS//
--/--/1972, V0027, N0006,
The Detection and Determination of Some Toxic
Environmental Pollutants, 10 pp.
PP 300-304, FBTC-HT-23-0408-73
DISTRIBUTION LIMITED TO US GOVT AGENCIES ONLY

DE BORST, C.

//TWO NIEUWS//

--/--/1972, V0027, N0006,

The Synthesis of Radioactive Labelled Compounds, 6 pp.

PP 305-309, FSTC-INT-23-0409-73

DISTRIBUTION LIMITED TO US GOVT AGENCIES@

MEDEMA, J.

//TWO FILES//

--/--/2072, V0007, H0006,

Catalytic Decomposition of Toxic Agents, 9pp

PD 310-314, DTIC-HT-02-0410-72

DISTRIBUTION LIMITED TO US GOVT AGENCIES

TESTING AMMUNITION

H J PASMAN

LANGUAGE-DU COUNTRY-NE

TNO NIEUWS JUNE 1972 NU 6 PP314-319

FSTC-HT-23-0590-74

Mu Chen

1961

China's marine resources
Ta Kung Pao, May 21, Peiping. In Chinese.

Transl. by JPRS, Jan. 1962, pp. 41-44 in 143p. "Communist
China Digest No. 54," 4p., processed. Avail. NTIS as JPRS
Transl. No. 11957, price \$3.00.

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

Original Article Checked. *MR*

Mu Chen

1961

The treasure in our lakes and rivers
Ta Kung Pao, June 4, Peiping. In Chinese.

Transl. by JPRS, Jan. 1962, pp. 37-40 in 143p. "Communist
China Digest No. 54," 4p., processed. Avail. NTIS as JPRS
Transl. No. 11957, price \$3.00.

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

Original Article Checked *HR*

Environmental Geology and Human Health, 8 pp.
TA KUNG PAO, Hong Kong, 4 Jul 73, p 7.
JPRS 60092

Oct 73

Liu K'uei-hua and Yuan Ching-tsai
Seaweed transplanted in Fukien
Ta-kung Pao, Peking, Dec. 20; 2. In Chinese.

1962

Transl. by JPRS, Mar. 1963, pp. 57-59 in 8lp. "Transl. on
Communist China's Agriculture, Animal Husbandry and Materials
No. 34," 3p., processed. Avail. NTIS as JPRS Transl. No.
18237, price \$3.00.

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

Original Article Checked *MR*

Chiang Li-fan

Utilize the fallow paddy fields in winter to raise fish 1962
Ta Kung Pao, Peking, Dec. 29: 2. In Chinese.

Transl. by JPRS, Feb. 1963, pp. 20-21 in 35p. "Transl. on
Communist China's Agriculture, Animal Husbandry and
Materials No. 30." 2p., processed. Avail. NTIS as JPRS
Transl. No. 17798, price \$3.00.

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

Original Article Checked *MA*

Chu Pao-wu

1971

Homeland aquatic products show development
Ta Kung Pao, Feb. 18, Hong Kong: 3. In Chinese.

Transl. by JPRS for NMFS, Apr. 1973, 6p., typescript.

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

Original Article Checked. *MR*

Hao-sheng, Chao

Fu Tso-i Recounts Reasons for Abandoning
Chiang, Joining Communists, 9 pp.
TA KUNG PAO, Hong Kong, 12, 13, 14 Jul 73, p 1.
JPRS 60014

Oct 73

Peking University Students Score Successes in
Chemistry Research, 5 pp.
TA-KUNG PAO, Hong Kong, 28 Oct 73, p 6.
JPRS 61777

Jun 74

Acupuncture Anesthesia for Craniotomy.
5 pp

TA KUNG PAO. Hong Kong, 19 Dec 1973, p 2.
JPRS 62152

I, P'u

Cancer Treatment Methods, Theories and Advances.

7 pp

TA KUNG PAO, Hong Kong, 15 Jan 1974, p 6.

JPRS 62152

Acupuncture Anesthesia and Open-Heart Surgery.

5 pp

TA KUNG PAO, Hong Kong, 19 Apr 1974, p 1.

JPRS 62271

Outline of the Chemical Industry in Mainland China
328 pp

TA LU HUA-ISUEN KUNG YEH KAI LAN MINISTRY OF ECONOMIC
AFFAIRS. REPUBLIC OF CHINA, 1970, pp. 30-54, 91-116,
136-187
AIR/FTD-MC-23-260-71

Distribution limited to U. S. Gov't agencies only;
copyright Information; Other request for this
document must be referred to FTD. The contents of this
document are suspected to be subject to copyright
protection.

Economic Ties Between USSR and Cyprus
Reach New Heights, 5 pp.
TA NEA, Nicosia, 30 Aug 73, p 5.
JPRS 60125

Oct 73

EDEK Prepares to Meet Political Challenges,
6 pp.
TA NEA, Nicosia, 19 Feb 74, pp 3, 5.
JPRS 61531

Apr 74

EDEK Position on Cyprus Related Matters, 17 pp.
TA NEA, Nicosia, 21 Apr 74, pp 1, 3, 5; 25 Apr
74, pp 3, 4.
JPRS 62064

Aug 74

Amnesty Given Assyrians for 1933 Rebellion,
5 pp.
ARABIC, np, al-Ta'akhi, Baghdad, 10 Jan 73,
p 6.
JPRS 58398

Mar 73

Dialects of Northern Minorities Examined in
Cultural Context, by Khoshaba Solaqa, 7 pp.
ARABIC, np, al-Ta'akhi, Baghdad, 24 Jan 73,
p 6; 31 Jan 73, p 6.
JPRS 58411

Mar 73

Ninth Teachers' Union Conference Discusses
Issues, by Hasaballah Yahya, 5 pp.
ARABIC, np, al-Ta'akhi, Baghdad, 7 Feb 73, p 3.
JPRS 58832

Apr 73

Prison Reform and Prisoner Psychology
Discussed, 7 pp.
ARABIC, np, al-Ta'akhi, Baghdad, 22 Feb 73,
p 3.
JPRS 58957

May 73

Geographic Distribution of Health Services
Improving, 5 pp.

AL-TA'AKHI, Baghdad, 4 Jun 73, p 3.

JPRS 59669

Sep 73

al-Sa'idi, 'Ali al-Shaykh Husayn

Ethnic Aspects of University Education,
Planning Are Discussed, 7 pp.

AL-TA'AKHI, Baghdad, 23 Jun 73, pp 3, 7.

JPRS 59694

Sep 73

Sa'dallah, Salih

Kurdish Problem in Turkey Examined, 10 pp.
AL-TA'AKHI, Baghdad, 3 Dec 73, p 2; 10 Dec
73, pp 2, 4.
JPRS 61293

Mar 74

Last Decade's Cotton Statistics Are Subjected
to Analysis, 9 pp.

AL-TA'BI'AH AL-'AMMAH WAL-IHSA'I, Cairo,

Jan 73, pp 34-43.

JPRS 60347

Nov 73

Evolution of Nation's Cotton Exports Is
Subjected to Scrutiny, 11 pp.
AL-TA'BI'AH AL-'AMMAH WAL-IHSA'I, Cairo,
Nov 72, pp 57-76.
JPRS 60347

Nov 73

I. G. Mokhachev

Methods for the objective evaluation of the quality of tobacco.

TABAK, No 2, 1971, pp 36-40

NTC 73-10480-02A

UNKNOWN

//TABLITSA FARMATSEV-TICHESKIKH NESOVMESTIMOSTEY//

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

Table of Pharmaceutical Incompatibilities 105

Second Edition, Rev. & Exp. 103 pp •ACSI-K-494000

Ethiopian National Liberation Front Accused
of Subservience to Ethiopia, 5 pp.
ARABIC, per, al-Tahrir, Baghdad, 30-Nov-
30 Dec 72, pp 2, 3.
JPRS 58513

Apr 73

Niwa, S.

Immersion nozzle for the continuous casting of steel
(report No. 2).

TAIKABUTSU (JAPAN REFRACTORIES), vol. 22, 1970,
#5, pp. 224-226

HB 8668

may 73

Niwa, S.

A sliding nozzle for large-sized steel
ladles

TAIKABUTSU (REFRACTORIES), Vol 22, 1970,
#5, pp. 226-228
HB 8667

may 73

Otani, Y. et al

Supervision of Linings of Large Electric Furnaces
by Means of a Heat-Flow Meter.

TAIKABUTSU (Japan Refractories), Vol. 24, 1972,
No. 11, pp. 528-530.

HB 8986

Prevention of Failure of Refractories in Continuous
Casting [of Steel], by M. Nishiwaki.

TAIKABUTSU (Refractories), Vol 24, 1972, No 12,
pp 400-401.

HB-8915

April 73

Rotary Nozzles, by S. Tanaka.

TAIKABUTSU (Refractories), Vol 24, 1972, No 9, pp 419-422.

HB-8985

April 73

Nishikawa, Y. et al

Special Basic Ladle Brick for Desulfurization
of Iron in Ladle.

TAIKABUTSU (Japan Refractories), vol. 24, 1972

No.9, pp.402-404.

HB 8916

Niwa, S. et al

Plates of Refractory Materials for Use in
Sliding (Ladle or Tundish) Nozzles.

TAIKABUTSU (Japan Refractories), vol. 24,
1972, No. 3, pp.414-415.

HB 8917

Sugita, K.

Mechanism of Reactions Between Refractories
and Calcium Carbide in the Desulfurization of
Hot Metal From the Blast-Furnace.
TAIKABUTSU, Vol.25, 1973, No.1, pp.25-29.
HB 8587

Ebara, M. et al

On the Nonmetallic Inclusions in Continuously-Cast (Steel) Billets.

TAIKABUTSU (Japan Refractories), vol. 25,
1973, No. 2, (No. 181), pp. 80-84.

HB 9038

POHFA, T.

//TATUABUTU//

--/--/1073, V0007, H0007,

A Performance Analysis of Basic Brick in the
Refining of Steel in a Ladle,

pp 370-374, IB 010400

Oka, I.

Performance of Slide Valves at Amagasaki
Steelworks. (Plant Report 2).
TAIKABUTSU, Vol.25, 1973, No.8, pp.382-384.

HB 9196

WESTERN, N.
//EATHEWIS//
---/1973, 1995, 1999,
Difficulties with Hot-Metal Runners and How to
Overcome Them,
pp 460-462, 15 24000

SHIMADA, H.
//PATENT//
---/ACTS, V0025, M0010,
An Improved Bottom Lining for Smelting Furnaces,
pp 466-467, IB 850035

KOINNO, A.

//TAIKI OSEN KENKIU//

--/--/1966, VOOOL, NOCOL,

Air Pollution and Future City Planning,

pp 7-12, NTC 74-10966-13B@@

Ito, S.

*Turbulent diffusion in the atmospheric boundary layer
with stable thermal stratification.*

TAIKI OSEN KENKYU, Vol 1, 1966, pp 18-23

~~NTC-73-~~

NTC 74-20002-04B

TOYAMA, T.

//TAIKI OSEN KENKYU//

--/--/1966, V0001, N0001,

*Study on the prevalence of respiratory symptoms
in a rural area (Kashima, Ibaragi Pref.) of Japan*

pp 24-35, NTC 74-11400-06J##

Senshu, T.

*An analysis of the surface boundary layer in a region of
land and sea breeze.*

TAIKI OSEN KENKYU, Vol 1, No 1, 1966, pp 46-54

NTC 74-20001-04B

Effects of air pollutants. (Summaries of 21 air pollution studies)

TAIKI OSEN KENKYU, Vol 2, No 1, 1967, pp 59-69

NTC 73-14408-06E

Ishizuka, Y.

*Effects of air pollutants. Relation between air
pollution and sulfur content of trees (Leaf).*

TAIKI OSEN KENKYU, Vol 2, No 1, 1967, pp 78-80

NTC 74-20000-02F

M. Hitosugi

An epidemiological survey on the effects of
air pollution in the Tokyo Metropolitan Area.
TAIKI OSEN KENKYU, Vol 4, No 1, pp 45, 1969
NTC 72-15123-06J

mar 73

Fujii, T.

*A study of the effects of polyvinyl chloride manufactu-
ring plant effluent gas on the human body*

TAIKI OSEN KENKYU, v. 4, n. 1, 1969, pp. 62

NTC 73-12863-06J

Mikuchi, K.

Concerning offensive odor emission sources in kraft
pulp plants

TAIPEI OSEMI KENKYU, v. 4, n. 1, 1969, pp. 149

WTC 73-12862-111

Sugawara, H.

The Determination of Heavy Metals in Dustfall by
Atomic Absorption Specto-Photometry

TAIKI OSEN KENKYU, v. 4, n. 2, 1969, p. 182-187

NTC 73-11880-15B

T. Nakajima

Epidemiological study of the effects of air
pollution on health in Saganoseki, oita prefecture.

TAIKI OSEN KENKYU, Vol 5, No 1, pp 3-6, 1970

NTC 72-15122-06J (on loan)

mar 73

NAKANO, M.

Forecasting of Heavy Smog in Osaka
TAIKI OSEN KENKYU, vol. 5, no. 1, pp. 106, 1970
NTC 73-10130-04B

March 73

TAMURA, K.

Forecasting Method of SO₂ by Multiple Regression
Equations Developed by Screening Procedure
TAIKI OSEN KENKYU, vol. 5, no. 1. pp. 216, 1970
NTC 73-10129-04B

March 73

T. FUKUSHIMA

On the Distribution of Carbon Monoxide in Urban Areas.

TAIKI OSEN KENKYU, Vol 5, pp 224, 1970.

NTC 73-10143-13E

Mar 73

T. HASEGAWA

Measurement of Acrolein Concentration by the 4-Hexyl-Resorcinol Method.

TAIKI OSEN KENKYU, Vol 6, No 1, pp 56, 1971.

NTC 73-10154-13B

Mar 73

OMICHI, S.

//TAIKI OSEN KENKYU//

--/--/1971,V0006,N0001,

The Determination of Sulfuric Acid Aerosol in
Suspended Particulates,

p 62,NTC 74-10293-13B@@

S. SATO

The Effect of SO₂ on Measured Values of NO₂.
TAIKI OSEN KENKYU, Vol 6, No 1, p 66, 1971.
NTC 72-15265-13B

Mar 73

F. MURAMATSU

Analysis of Heavy Metals in Atmospheric
Suspended Dust. Report No 2. Fluorescent X-Ray
Analysis of Manganese and Copper Using Vacuum
Metallized Standard Samples.

TAIKI OSEN KENKYU, Vol 6, No 1, p 92, 1971.

NTC 73-1-159-13B

Mar 73

K. OIKAWA

Studies of Inorganic Components in the
Atmosphere. Report no 2. Concerning Composition
of Metals of Various Grain Sizes.

TAIKI OSEN KENKYU, Vol 6, No 1, p 94, 1971.

NTC 73-10158-13B

Mar 73

K. OIKAWA

Studies of Inorganic Components in the
Atmosphere. Report No 1. Studies Concerning
Pretreatment Before Analysis of Chromium and Mang-
anese.

TAIKI OSEN KENKYU, Vol 6, No 1, p 95, 1971.

NTC 73-10157-13B

Mar 73

Y. HASHIMOTO

Analysis of Selenium in the Atmosphere.
TAIKI OSEN KENKYU, Vol 6, No 1, pp 96, 1971.
NTC 73-10156-13B

Mar 73

K. OKA

Measurement of Organic Lead in the Atmosphere.
TAIKI OSEN KENKYU, Vol 6, No 1, p 97, 1971.
NTC 73-10155-13B

Mar 73

Kumazawa, Y.

A consideration of air pollution conditions in Osaka.
Taiki Osen Kenkyu, v. 6, n. 1, p. 124, 1971.
NTC 73-11015-04B

Shiozawa, K.

Studies on the prediction of air pollutant concentration. Part II, An attempt to predict the next day concentrations.

TAIKI OSEN KENKYN, v. 6, n. 1, p. 125, 1971.

NTC 73-11067-04B

Nakajima, C.

The prediction of air pollution in the Kyoto Basin.

TAIKI OSEN KENKYU, v. 6, n. 1, p. 126, 1971

NTC 73-11013-04B

HIROAKA, M.

Air Pollution of Urban Scale and Meteorological Factors
TAIKI OSEN KENKYU, vol. 6, no. 1, pp. 127, 1971
NTC 73-10128-04B

March 73

Yoshikatsu, N.

*Air pollution countermeasures in the cities of
Yamaguchi prefecture, and evaluations of them*
TAIKI OSEN KENKYU, v. 6, n. 1, 1971, pp. 199
Available on loan NTC 72-15104-13B

T. OKITA

Oxidation of SO_2 by Particulates Collected on
Filters.

TAIKI OSEN KENKYU, Vol 6, pp 247, 1971.

NTC 72-15264-13B

Mar 73

Tamori, Y.

Items of examination for particles gathering operation.

TAIKI OSEN KENKYN, v. 6, n. 2, p. 105-109, 1971

NTC 73-11069-13B