

'Abd-al-Karim, 'Izz-al-Din

Housing Facilities and Technical Ambiguities
Explained, 8 pp.

AL-FAJR AL-JADID, Tripoli, 27 Dec 73, p 3.
JPRS 61121

Mar 74

Sizeable Budget Increase Authorized, 20 pp.
AL-FAJR AL-JADID, Tripoli, 1 Jan 74, pp 1, 2, 4.
JPRS 61184

Mar 74

Salim, Muhammad

Means to Combat Cement Shortage Discussed,
6 pp.

AL-FAJR AL-JADID, Tripoli, 20 Jan 74, p 3.

JPRS 61503

Apr 74

Shahin, Muhammad

Comprehensive Development Changing Sabha
Province, 21 pp.

AL-FAJR AL-JADID, Tripoli, 21, 22, 24 Jan,
9 Feb 74, p 3.

JPRS 61503

Apr 74

al-Sa'dawi, Muhammad

Gharyan's Ceramics Industry, Tobacco Culture
Reviewed, 7 pp.

AL-FAJR AL-JADID, Tripoli, 29 Jan 74, p 3.
JPRS 61744

Jun 74

al-Tayyib, Ibn

Tawurgha' Water Resources to Be Exploited
for Agriculturalizing Area, 6 pp.

AL-FAJR AL-JADID, Tripoli, 31 Jan 74, pp 3, 4.

JPRS 61747

Jun 74

Qayd, Muhammad

Goal of New Shipbuilding Program: Independent
Tanker Fleet, 7 pp.

AL-FAJR AL-JADID, Tripoli, 31 Jan 74, p 4.
JPRS 61747

Jan 74

al-Farajani, Muhammad

Current Census to Be Used for Social,
Economic Planning, 2 pp.

AL-FAJR AL-JADID, Tripoli, 3 Feb 74, pp 3, 4.

JPRS 61744

Jun 74

al-Paranjani, Muhammad

People's Committee in Insurance Company Raises
Production, 6 pp.

AL-FAJR AL-JADID, Tripoli, 3 Feb 74, p 4.

JPRS 61744

Jun 74

al-Sa'dawi, Muhammad

Government Resettles Village on Model Farms,
7 pp.

AL-FAJR AL-JADID, Tripoli, 4 Feb 74, pp 3, 4.
JPRS 61759

Jun 74

al-Farjani, Muhammed

Unheralded Strides Being Made in Water Control,
6 pp.

AL-FAJR AL-JADID, Tripoli, 11 Feb 74, p 3.

JPRS 61822

Jun 74

'Abd-al-'Al, Fawqiyah

Goals of Three-Year Plan for Education Outlined.

14 pp

AL-FAJR AL-JADID, Tripoli, 10, 12 Feb 1974.

JPRS 61914

Melnik, M.N.

Fundamental problems of sanitary science
and practice in connection with the
development of industry in the Ukrainian
SSR and ways of solving them.

FAKTORY VNESHNEI SREDY I IKH ZHACHENIE
DLIA ZDOROVYA NASELENIYA, 1969, pp 5-12,
v. 1.

NTC 73-12035-06F (Available on loan) (p. 14-16)

Brilinskii, L.I.

Date for substantiating maximum permissible concentrations of elemental sulfur dust in the air of industrial buildings.

FAKTORY VNESHNEI SREDY I IKH ZNACHENIE DLYA
ZDOROVYA NASELENIYA, 1969, pp 165-167, v. 1.
NTC 73-12035-06F (Available on loan) (pg. 78-80)

Datsenko, I.I.

Metabolic reactions in the organism in the presence of chronic intoxication with carbon monoxide.

FAKTORY VNESHNEI SREDY I IKH ZNACHENIE DLYA
ZDOROVYA NASELENIYA, 1970, pp. 146-149, v. 2.
NTC 73-12035-06F (Available on loan) (pp 75-77)

Bida, M.P.

Study of atmospheric air polluted with
emissions from a gas processing plant.

FAKTORY VNESHNEI SRED I IKH ZNACHENIE DLYA,
ZDOROVYA NASELENIYA, 1970, pp 170-173, v. 2.

NTC 73-12035-06F (Available on loan) (p. 17-21)

Karpeko, M.I.

Ionization of atmospheric air of the town of
Chervonograd and its sanitary importance.

FAKTORY VNESHNEI SREDY I IKH ZHACHENIE DLYA

ZDOROVYA NASELENIYA, 1970, pp 173-176, v.2.

NTC 73-12035-06F (Available on loan) (pg. 69-71)

Sakhnovskaya, N.N.

Sanitary assessment of the state of the air
reservoir in the zone of an extra-high-
capacity state regional electric power
plant (SREPP).

FAKTORY VNESHNEI SREDY I IKH ZNACHENIE
DLYA ZDOROVYA NASELENIYA, 1970, pp 176-181,
v. 2.

NTC 73-12035-06F (Available on loan) (pg. 35-39)

Reinhardt, M.

Experimental investigations in coal mine roadways on the behavior of dust in mine air in relation to the air velocity.

FAKULTAET FUER BERGBAU UND HUETTENWESEN DER
TECHNISCHEN UNIVERSITAET BERLIN 1970
*NTIS-TT-73-53040

may 73

Corrosion-Protective Coatings with a Basis of Epoxy
Used in Combination with Tars and Bitumens, by
Martin Boettcher, 7 pp.
FARBE UND LACK, Vol 69, No 11, 1963, pp 830-832.
X-7749

May 73

Kaampf, G.

*Particle size distribution and optical properties of
pigments*

FARBEN UND LACK, v. 71, 1965, pp. 353-365

NTC 73-21653-11C

Wilaka, S.

Measurement of film thickness on contrast charts
FARBE UND LACK, v. 71, n. 8, 1965, pp. 449-454
NTC 73-21681-11C

Idelm, M.

Determination of a favorable composition for materials
to be ground for different grinding machines
FAIRIE UND TACK, v. 71, n. 8, 1965, pp. 625-632
REF 73-21654-13H

Clifton, B.

*The effect of extenders on the hiding power of white
titanium dioxide paints*

FABRE UND LACK, v. 71, 1965, n. 12, pp. 989-1000

Nto 73-21650-11C

FORSALEMAN, A. O.

//FARMER AND LACKER//

--/--/1968, V0074, H00006,

Mycological & Tropical Behavior of Epoxy/Alkyd
Resin Lacquers, 7 pp.

EP Unknown, PETC-HP-23-338-70

DISTRIBUTION LIMITED TO US GOVT AGENCIES

Wetzel, K.-H.

Determination of bulkiness by the textile properties of
fibers and textured yarns.
FASERFORSCHUNG UND TEXTILTECHNIK, Vol 23, No 3, 1972,
pp 103-115
NTC 73-13564-11E

Mitterpach, I.

Contribution to the study of structure changes of
synthetic fibers on longitudinal deformation. Part 3.
Polyester fibers (Pre-fibers).
FASERFORSCHUNG UND TEXTILTECHNIK, Vol 23, No 3, 1972,
pp 115-118
NTC 73-13359-11E

Nevarov, A. P.

Investigation of the rheological properties of
polyacrylonitrile gel filaments by means of drawing. Co-
mmunication no. 2. dependence of the rheological
properties upon the composition of the water-dimethyl-
formamide coagulation bath
FASERFORSCHUNG TEXTILTECHNIK, v. 23, 1972, pp. 119-122
NTC 73-12829-11E

Koura, A.

Investigations of Swelling and Dissolution
of Cellulose in Amine Containing Mixtures of
Solvents.
Faserforschung und Textiltechnik, v. 23, no.3
pp. 128-133, 1972
*NTIS TT 73-58096

may 73

Bersev, E. N.

Orientation of Fibers in an Electrostatic
Field. Part 2. Determination of the Minimum
Angle of Statistical Orientation.
Faserforschung und Textiltechnik, Vol. 23,
pp 160-164, 1972.
*NTIS TT 73-58066

may 73

Investigation of the dynamics of fiber formation in wet
spinning
FASERFORSCHUNG UND TEXTILTECHNIK, v. 23, n. 4, 1972,
pp. 169-176
NTC 73-12831-11E

Determining pores in fibers with mercury porosimetry.
FASERFORSCHUNG UND TEXTILTECHNIK, Vol 23, No 5, 1972
pp 187-191
NTC 73-13433-11E

WANG, R.
//FASERFORSCHUNG UND TEXTILTECHNIK//
--/--/1972, V0023, H-----,
Infrared Spectroscopic Measurements on Polymers
at Elevated Temperatures,
pp 100-204, ETC 74-10506-11400

WASHINGTON, D. C.
//FEDERAL BUREAU OF INVESTIGATION//
---/1-7-1967, 11:00 A.M.---
Investigation on the Structural Changes in Drawing
Polyester Filaments,
in 235-247, INC 74-10314-11220

Dautzenberg, H.

Spectrophotometric determination of Xanthates
FASERFORSCHUNG UND TEXTILTECHNIK, v. 23, n. 6, 1972,
pp. 256-261
NTC 73-12629-11E

POLO-FRIZ, L.
//FASERFORSCHUNG UND TEXTILTECHNIK//
--/--/1972,V0023,N----,
Relationships between Fine Structure and Properties
of Polyamide 6. Part II. X-ray Measurements on
Drawn Filaments after Treatment with Water or
Aqueous Phenol Solution,
pp 379-384,NTC 74-10213-11100

HAMPE, H.

//FASERFORSCHUNG UND TEXTILTECHNIK//

--/--/1972,V0023,N----,

Comparative Investigations on the Swelling and
Dissolution of Cellulose Fibers in Various Media.

Part I. Survey of Experimental Results,

pp 425-434,NTC 74-10809-1.11223

TERRIER, F.

//FASERFORSCHUNG UND TEXTILTECHNIK//

--/--/1972, V0023, N----,

On the Uniform thickness of Continuous Melt Spun
Filaments and on the Influence of Spinning Equipment,
pp 438-446, FFC 74-10502-11026

HORNUTT, G. VON
//FASERFORSCHUNG UND TEXTILTECHNIK//
--/--/1972, V0023, N----,
Contributions to the Thermal Analysis of
Cellulose Fibers,
pp 466-477, NTC 74-10803-11E00

NACHTMANN, A.

//FASLERFORSCHUNG UND ENTWICKELUNG//

--/--/1977, 1003, H----

Spinners of Viscoscs Regened at Different
Temperatures and Containing Different Amounts of
Ac-Products,
pp 100-103, and 74-10036-1111

BERGER, W.
//FASERFORSCHUNG UND TEXTILTECHNIK//
--/--/1972,V0023,N----,
Contributions to the Problems of Evaluating the
Heat Stabilization of Polyamide 6,
pp 512-518,NTC 74-10214-11E@@

Ushakov, P.V.

Fauna of the USSR, Polychaetes
Vol I

260 pp

FAUNA SSSR, MNOGOSHCHETINKOVYE CHERVI
Vol 1, 1972

NTIS-TT-74-50014
CIA LY

Agency: Bu. of Sport Fisheries & Wildlife

9839/0363

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pp69-76

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Fritsberg, V. Ya

Study of Polarization Nonlinearity Near Phase
Transitions in Perovskite-Type Ferroelectrics,
Using an Anharmonic Oscillator Model 13 pp

FAZOVYE PEREKHODY V SEGNETOELEKTRIKAKH 1971

FSTC-HT-23-150-73

Shinyayev, A. Ya.

Phase Transformations and Properties of Alloys
Under High Pressure.

25 pp

FAZOVYYE PREVRASHCHENIYA I SVOYSTVA SPLAVOV PRI
VYSOKOM DAVLENIY, Moscow, 1973, pp 132-150.

JPRS 60917

UNKNOWN
//FEDERAL MINISTER OF DEFENSE T VII 5//
---/---/---, V---, N---
The 120mm HOTCHKISS BRANDT AM50 mortar 5 pp
pp not given ARM/FSTC/HT-23-1410-71
DISTRIBUTION LIMITED TO US GOVERNMENT AGENCIES
ONLY##

KIRILLOV, P. I.

//FET REPORT NO. 234//

---/---/1971, V---9H---

The Role of Contact Thermal Resistance in Heat
Transfer from a Liquid Metal in a Round Tube,
pp Unknown, C. E. Trans. 646466

State of Chinese Communist Communications
December 1972-January 1973, by Chiang Huai,
11 pp.

CHINESE, nor, Pei-ch'ing Yueh-pao, Taipei,
10 Feb 73, pp 91-96.
JPRS 58767

Apr 73

State of PRC Communications Sector Analyzed,
by Chiang Huai, 10 pp.
CHINESE, per, Fei-ch'ing Yueh-pao,
Taipei, 10 Mar 73, pp 106-109.
JPRS 59032

May 73

Ming-chieh, T'ang

Communist China Seen Trying to Poison World
With Opium, 11 pp.

FEI-CH'ING YUEH-PAO, Taipei, Vol 16, No 2,
10 Apr 73, pp 7-12.

JPRS 60112

Oct 73

Huai, Chiang

Situation of Chinese Communist Communications
Sector, 8 pp.

FEI-CH'ING YUEH-PAO, Taipei, No 2, 10 Apr 73,
pp 102-105.

JPRS 59375

Jul 73

Huai, Chiang

Situation of Chinese Communist Communications,
9 pp.

FEI-CH'ING YUEH-PAO, Taipei, No 3, 10 May 73,
pp 107-110.
JPRS 59375

Jul 73

Ch'en, Lin

PRC Agricultural Posts and Blights, 5 pp.
FEI-CH'ING YUEH-PAO, Taipei, Jun 73, pp 52-56.
JPRS 59938

Sep 73

Huai, Chiang

Situation of Chinese Communist Communications,
10 pp.

FBI-CH'ING YUEH-PAO, Taipei, No 4, 10 Jun 73,
pp 86-89.

JPRS 60042

Oct 73

Huai, Chiang

Taiwan Reports on Current Status of PRC
Transportation, 7 pp.

FEI-CH'ING YUEH-PAO, Taipei, Vol 16, No 5,
10 Jul 73, pp 103-105.

JPRS 59971

Oct 73

H. DAMM

Coupling Effects During Weighing of Coupled Railway
Carriages.

FEINGERAETETECHNIK. Vol 17, pp 408-411, 1968.

NTC 73-10236-14B

Mar 73

E. KUHNLE

The Weighing Switchboard WS 6000.

FEINGERAETETECHNIK. Vol 17, pp 412-413, 1968.

NTC 73-10389-14B

Mar 73

H. J. BIRNINGER

Fundamental Principles, Investigations and Requirements
Relating to a Series of Types of Conveying Devices that
Can Serve as Feed Appliances for the Weighing Industry.
FEINGERAETETECHNIK. Vol 17, pp 414-416, 1968.
NTC 73-10391-131

Mar 73

Kemeny, T.

The tensipond electromechanical weighing device for
the urs-system

TEKHNIKA, v. 17, n. 9, 1968, pp. 420-424

OSERO-TRANS-11318

INTC 73-12013-100

NAUMANN, G.

//FEINGERATETECHNIK//

--/--/1972, V0001, H0002,

Fifth Symposium on Measuring Instruments, 7 pp.

pp 00-01, PSTC-HT-23-1722-73

DISTRIBUTION LIMITED TO US GOVT AGENCIES@@

Schmieder, Dr. H.

The VEB Carl Zeiss JENA at the Leipzig Spring
Fair 1972 16 pp

FEINGERATETECNIK, No 4, 1972, pp 145-150

FSTC-HT-23-136-73

DISTRIBUTION LIMITED TO U.S. GOVT AGENCIES

STOJANOFF, H.
//FEINGERATETECHNIK//
--/--/1972, V0021, H0007,
Possibilities for the Application of the Infrared
Testing Method in Electronics, 9 pp.
BT 292-001, FSTC-HE-03-1723-73
DISTRIBUTION LIMITED TO US GOVT AGENCIES

MULLEN, J. E.

//THERMOGRAPHY//

--/--/1972, V0021, H0009,

Thermography and its Applications, 2 pp.

DD FORM 300-300, ESTC-11-23-1741-73

DISTRIBUTION LIMITED TO US GOVT AGENCIES

RICHTER, H. U.

//FEINGRAETETECHNIK//

--/--/1972, V0021, N0011,

Fourth Conference on Nondestructive Testing of
Materials, 5 pp.

pp 520-521, FBTC-HT-23-1721-73

DISTRIBUTION LIMITED TO US GOVT AGENCIES@@

PILOT JET WITH DIFFUSER IN CONTROLLING THE PN
EUMATIC LENGTH MEASURING TECHNOLOG

LOITZE W LANGUAGE-GE COUNTRY-GE

FEINGERAETETECHNIK VOL 22 NO 6 1973 PP 257-26
0

FSTC-HT-23-0865-74

Draeger, M.

Soil Improvement Measures Envisaged for 1973,
10 pp.

FELDWIRTSCHAFT, East Berlin, Apr 73, pp 149-
153.

JPRS 59344

Jul 73

Ebert, D.

Importance of Soviet Wheat Varieties for GDR
Grain Production Stressed, 5 pp.

FELDWIRTSCHAFT, East Berlin, May 73, pp 200-
201.

JPRS 59644

Sep 73

Hessland, F.

Some Key Factors in the Coming Sugar Beet
Campaign Detailed, 5 pp.

FELDWIRTSCHAFT, East Berlin, Aug 73, pp 341-
343.

JPRS 60280

Nov 73

Roth, D.

Sprinkler Irrigation Important in Sugar Beet
Harvest, 5 pp.
FELD/IRTSCHAFT, East Berlin, Aug 73, pp 353-
354.
JPRS 60407

Nov 73

Heymann, W.

Results of Sowing Winter Grain by Agricultural
Aircraft Assessed.

9 pp

FELDWIRTSCHAFT, East Berlin, Sept 1973, pp 403-
406.

JPRS 60666

Witter, B.

Effectiveness of Agrochemical Testing and
Advisory Service Assessed, 8 pp.

FELDWIRTSCHAFT, East Berlin, Oct 73, pp 447-450.

JPRS 61160

Mar 74

Ebert, D.

Importance of Top Soviet Grain Varieties in
CEMA Countries Assessed, 8 pp.

FELDWIRTSCHAFT, East Berlin, Nov 73, pp 488-
491.

JPRS 61015

Feb 74

Steilhardt, Hc.

Results, Future Tasks in Development of Grain
Production Detailed, 9 pp.
FELDWIRTSCHAFT, East Berlin, Jan 74, pp 23-26.
JPRS 61678

May 74

Terrestrial Photogrammetric Measurement of Fractures,
by K. Linkwitz.

FELSMECHANIK UND INGENIEURGEOLOGIE, Vol. 1/2, 1963,
pp 152-159.

*NTIS TT 73-53029

Mar 73

Laszlo, Tivadar

New Features in Ministry Control of Higher
Education Outlined, 9 pp.

FELSOOKTATASI SZEMLE, Budapest, No 11, Nov 73,
pp 646-652.
JPRS 61104

Mar 74

Pomazi, Lajos

Status of Plans for Training of Computer
Personnel Detailed, 14 pp.

FELSOOKTATASI SZEMLE, Budapest, No 12, 1973,

pp 717-726.

JPRS 61213

Mar 74

Bienert, E.

Pneumatic surveillance of communication cables-pneumatic physics.

FERNMELDE-PRAXIS, Vol 49, 1972, pp 281-293

NTC 73-13573-17B

Deutsch, J.

Noncontacting plungers for microwave instruments.

FERNSSELDETECHNISCHE ZEITSCHRIFT, Vol 7, 1954,

pp 419-424.

NTC 73-11486-09A

LANGE, M.

//FERNMELDETECHNISCHES ZENTRALAMT, DARMSTADT, //

--/08/1971, V----, N----,

Transmission of black-and-white tv pictures
over communication channels with 1mhz bandwidth

pp 58 *NASA TT F 15870@@

A. H. Schendel

Direct television reception via satellites. 17 pp.
FERNSEHDIREKTEMPFANG UEBER SATELLITEN, Oct 1972,
NASA TT F 14,659

apr 73

Steen, K.

Visual Evaluation of Density Differences in Color Film
FERNSEHEN- UND KINO-Technik, v. 26, n. 2, 1972,
p. 37-39
NTO 73-11022-14E

Brosch, A.

Quality Parameters for Different color-film Formats
FERNSEHEN- UND KINO-TECHNIK, n. 7, 1972, p. 236-239
BTC 72-11935-1EE

Roth, W.

Long-playing video record exhibiting optical scanning.

FERNSEH- UND KINO-TECHNIK, Vol 26, No 9, 1972,

pp 321-323

NTC 73-14226-17B

Welter, J.

The optimum development of power and heat supply stations

FERNWARME INTERNATIONAL, Vol 1, No 1, 1972, pp 15-23

O. A. Trans 837

DOMMANN, D.
//FERREMANNE INTERNATIONAL//
--/--/1978, V0001, N0003,
District Heating Pricing Conditions in Various
Undertakings in the German Federal Republic,
DP 73-78, ITC 74-11366-13A00

Sumikama, S.

Development of a Heat-Flow Meter for the Analysis of Electric Furnaces.

FERRO-ALLOYS (JAPAN), Vol.21, 1972, No.1, pp. 23-29.

HB 9015

Bimetallic Cylinders-Metallurgy, Properties,
Machining and Application of Lined Cylinders.
FERTIGUNG. 1973, No.4, pp.123-128.
BISF 12052

The Semiconductor Properties of Boron, by H. Warheit
FESTKORPERPROBLEME, Vol 10, 1970, pp 189-226.
NAVY/APL/JHU-T-2703

May 73

James, A. T.

The separation and identification of saturated and unsaturated fatty acids from formic acid to dodecanoic acid by gas-liquid chromatography.

FETTE, SEIFEN, ANSTRICHMITTEL, Vol 59, 1957, pp 73-77

NTC 73-22194-07C

Elcosapentaenoic and Docosahexaenoid Acid in Cuttle-Fish
Oil, by Y. Toyama, T. Takagi.
GERMAN, per, Fette - Seifen - Anstrichmittel - Die
Ernahrungsindustrie, No 64, 1962, pp 134-137.

~~FOUO~~

Fisheries Res Board of Canada
Biol Station, Series No 449

Sci - Biol

Mar 64

251,174

Ney, K.H.

Effect of bleaching earth treatment at
different temperatures on the position of
double bonds of fatty acids.

FETTE, SEIFEN, ANSTRICHMITTEL, 1964, pp 512-
517, v. 66, n. 7.

NRC C-12095.

Ney, K.H.

1964

Effect of bleaching earth treatment at different temperatures
on the position of double bonds of fatty acids (Einfluss der
Bleicherde-Behandlung bei verschiedenen Temperaturen auf die
Lage der Doppelbindungen von Fettsäuren)
Fette, Seifen, Anstrichmittel, 66(7): 512-517. In German.

Transl. by Transl. Bur., Egn. Lang. Div., Dept. of Sec. of State
of Canada, for Dept. of Environ., FRBC Halifax Lab., Halifax,
N.S., 1973, as Transl. Series No. 2327, 19p., typescript.

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

Original Article Checked. *MR*

Gondar, J.

Mechanical and dielectric disintegration of
cereal and oilseeds.

FETTE, SEIFEN, ANSTRICHMITTEL, v. 70, p. 433-439,
1968.

NTC 73-10962-02A

Winkler, A.

Results of investigations using the dermatometer
according to Bingmer.

FETTE-SEIFEN-ANSTRICHMITTEL, Vol. 70, n. 11,
1968, p. 895-898
NTC 72-11249-06E

W. Umbach

Continuous alkoxylation of fatty acids,
fatty alcohols and fatty amines.

FEITE-SEIFEN-ANSTRICHMITTEL, Vol 71, pp 938-
947, 1969

NTC 72-15228-07A

mar 73