

(NY-5491)

Questions and Answers on Party Organization Work,
156 pp.

CHINESE, pamphlet, Tang ti Ten-chih Xung-tso
Wen-ta, 1959, pp 1-76.

JPRS 7273

FE - China

Pol

Feb 61

139,079

S-1219/64

Chinese Book on Single Wire Relay Automatic Book,
Introduction, Preface and Table of Contents,
by Jan Mao-ch'eng, 5 pp
CHINESE, bk, Tan-hsien Chi-tien-pang Tzu-tung
P'-sai, Jan 1964.

*/*JPRS/SF-3442/Special

Sci -Eng
Nov 64

268,946

Sasaki, Naburo
PETROGRAPHIC CONSTITUTION AND PARTICLE
SIZE IN FLOTATION-CLEANED COALS. [1961]
15p. (7 figs. omitted) 9 refs.
Order from SLA \$1.60 62-10125

Trans. of [Tanken] (Japan) 1950, v. 1, p. 67-73.

DESCRIPTORS: *Coal, Cleaning, Particles, Separation, Flotation.

Experiments indicated that adequate separation of the petrographic constituents of coal can be effected by the flotation method of mineral dressing.

(Materials--Fuels, TI, v. 7, no. 9)

62-10125

I. Sasaki, N.

Office of Technical Services

Chemical Constituents of Bordetella Bac-
teria, by Yoshio KUMAJIMA, et al.
JAPANESE, per, Ganpakushitsu Kakusan Koso,
Vol 9, 1964, pp 717-724.
HEW RHH 11-27-65

FE-Japan
Sci/BQM
Mar 66

297,094

Metal-Graphite Alloys, by Tatsuo Matsukawa, 12 p.

JAPANESE, per, Tanso, 1954, Vol IV, pp 9-12.

SLA 60-10255

Sci

Apr 60

Vol III, No 3

III, 985

Thermal Expansion in Graphite Crystals, by E.
Matsuyama, 6 pp.

JAPANESE, per, Tanso, Vol VII, No 1, 1958, pp 12-15.
9080886

AERE Tr-864

Harwell

NLL 71.4265
70,208

Sol - Chem
Oct 61

The Production of Reactor-Grade Graphite, by
Y. Saito, 7 pp.

JAPANESE, per, ~~Tanso~~, Vol VII, No 1, 1958,
pp 16-19. 9079908

AEC NP-Tr-668

164, 893

Sci
Aug 61

Carbon Characteristics at Elevated Temperature,
by Sanchi Midzushima, 10 pp.

JAPANESE, per, Tanso, Vol VII, No 3, 1959, pp 70-73.

ABC Tr-4135

Sci - Chem
14 Oct 60

128,917

Noda, T. and Natsume, L.
X-RAY STUDIES OF ARTIFICIAL GRAPHITE PRE-
PARATIONS. II. SIZE OF GRAPHITE CRYSTAL-
LITES. [1961] 7p.
Order from ATS \$14.00 ATS-64N49J

Trans. of Tanaka (Japan) 1960, v. 8, no. 1, p. 2-6.

DESCRIPTORS: *Graphite, *X-ray diffraction analysis,
*Crystal structure

(Physics--Solid State, TT, v. 6, no. 1)

61-22349
1. Crystallites
I. Noda, T.
II. Natsume, L.
III. Title: Size...
IV. ATS-64N49J
V. Associated Technical
Services, Inc.,
East Orange, N. J.

ATS/JJ-3044
161843

Office of Technical Services

Statistical Analysis of Mechanical Strength
of Graphite, by Sennosuke Sato,
JAPANESE, per, Tanso, No 38, 1964, pp 20-29.
AEC NSJ-tr-46

Sci-Materials
Nov 66

513,672

Races of Wild Goldfish, with Special Reference to the Digestive Tract, by Takeichiro Kafuku.

JAPANESE, per, Tansui-ku Suisan Kenkyujo Konkyu Hokkoku, No 1, 1952, pp 41-56.

Dept of Interior

Bureau of Commercial Fisheries

Office of Foreign Fisheries

No A-28/May 69/68

On Loan Only

Sci-B&M

July 69

388,616

General Knowledge About Guided Missiles, by Yu P'ing
CHINESE, pamphlet, Tao-^{tan}~~tau~~ Ch'ang-shih, Oct 1957, 55 pp.

sent to 319 MI Bn by BF 7 Oct 58 for exploitation

CONFERENCE OF LEVEL III INSTRUCTIONS IN LITERATURE,
BY PHAN VINH, 6 PP.

VIETNAMESE, PER, TAP CHI VAN HOC, NO 3, ~~28~~ SEP 1963,
PP 122-124.

JPRS 22260

FE-VIETNAM

SOC

DEC 63

244,269

Modern Revisionism in Yugoslavian Literature,
by Hoang Trinh, 15 pp.
VIETNAMESE, per, Tap Chi Van Hoc, No 1,
1964, pp 1-10.
JPRS 24550

FE-Soc
May 64

258, 491

Five Years of the Literary Institute, by
Dang Thai Mai, 21 pp.
VIETNAMESE, per, Tap Chi Van Hoc, No 2, 1964,
pp 94-107.
JPRS 24550

FE-Vietnam
Soc
May 64

258, 490

Literature and the Present Ideological Work,
by Hoang Huu Nhan, 33 pp.
VIETNAMESE, per, Tap Chi Van Hoxc,
No 5, 1964, pp 12-27.
JPRS 25439

FE-Vietnam
Soc
Aug 64

265,195

Deviations in Suong Tan, by Nguyen Phan Ngoc, 6 pp.
VIETNAMESE, per, Tap Chi Van Hoc, No 6,
1964, pp 31-36.
JPRS 25958

FE-Vietnam
Econ
Aug 64

265,787

Firmer Proletarian Stand in Arts and Letters, by
To Hui, 38 pp
VIETNAMESE, per, Tap Chi Van Hoc, Nov 64, pp 1-34.
JPRS 29755

FR-Vietnam
Soc
Apr 65

279,178

Problems in Minority Languages and Writing, by
Nguyen Kim Than, 10 pp.
VIETNAMESE, per, Tap Chi Van Hoc, No 12, 1964,
pp 64-72.
JPBS 28472

FE-Vietnam
Soc
Feb 65

273,988

(2225-D)

Salaries, Allowances and Benefits Computed
According to the New Pay System in North
Vietnam, by Nguyen Huu To, 10 pp.

VIETNAMESE, PER, Tap San Cong Nghiep, No 30,
Hanoi, June 1958, pp 16-20.

US JPRS ~~58514~~
525-D

FE - North Vietnam
Recon
Feb 59

81,807

Comp.
Special

21202

19 May 69

Journal of Geography.
Chinese, per, Tap San Dia Du, Apr 1969.
pp 1-3;5-9;10-19;23-28;31-36;41;51-52;
61-62;65;70-71/

Maematsu, Rokuro and Shozuki, Kamekawa.
THE FUNDAMENTAL EXPERIMENTS ON THE MANU-
FACTURE OF NYLON PAPER. Pt. 1 of Studies on the
Utilization of Synthetic Fibre. [1960] 11p. (5 figs.
omitted) 11 refs.
Order from SLA \$1.60

Trans. of Tappl [sic] (Japan) 1958, v. 12, no. 9,
p. 607-612.

DESCRIPTORS: *Paper, *Nylon, Manufacturing methods,
*Synthetic fibers.

(Materials--Paper, TT, v. 9, no. 1)

60-18931

I. Maematsu, R.
II. Shozuki, K.
III. Title: Studies . . .

Office of Technical Services

How Has the Weibing [Satellite] People's Contain
Developed? 8 pp.

CHINESE, per, Tasi Ching Yen Chin, No 6, 15 Sep 1951
(Available CIA Lib)

AmerCorGen Hong Kong,
Ext From China Mainland Mag,
No 148
17 Nov 1958

FE - China
Soc
Dec 58

77,616

Chinese Geography During the Great Leap Forward,
by Chin Ko-chen,

CHINESE, 1st, Ta Hsueh Chin Chang Ti Chang-kuo
Ti-Li-Hsueh, Chap I, III, V, IX, X, XIII, 1958.

CIA/FDD X-4577

FE - China
Econ - Production
Geo -
Mar 61

141,867

The Asymmetrical Effect of the Flare Position on Geomagnetic Activity, by Zhang Gong-liang, 18 pp.
CHINESE, per, T-ch'iu wu-li hsueh-pao, Vol XII, No 1,
1963, pp 32-40. 9696178

Conf. Committee of Sec
T-CH-64-10
Sci - ES
Mar 65

275,070

The Sunrise Effects in the E and F Layers of the Ionosphere
by Dchang Dchao-shien, 39 pp.
CHINESE, per, Ti-ch'iu wu-li hsueh-pao, Vol XII, 1963,
No 1, pp 12-31. 9696177
Amer Meteorol Soc
E-T-Ch-64-11

Sci - ES
Mar 65

2475,069

R-151/61

(.VY. 6539).

Technical Renovation and Technical Revolution
in Telecommunications [Vice Minister of Posts
and Telecommunications Shen Kuang's Speech],
by Sheng Kuang,

CHINESE, per, Tein-hsin Ch'i-shu T'ung-hsun,
No 24, 1959, pp 2-8.

*JPRS

FE - China
Econ
9 Jun 61

Calibrycin: a Report of the Cure by
Calibrycin Alone of a Case of Peritonitis
Due to Ruptured Appendix, by A. Aida,
10p.

JAPANESE, per, Teishin Igaku, Vol 14,
1962, pp 643-645.
SLA TT-64-18718

333, 626

Set 67

Permafrost Surveying (Manchuria 1943), by
Ukichiro Nakaya, 19 pp. UNCLASSIFIED

JAPANESE, per, Teion-Kagaku, Vol II, 1949,
pp 119-128.

6 QNT Tr 482

Scientific - Geophysics
CES/DEX

11,268

Secular Variation of Summer Rainfall in the Far
East, by Takeo Yamamoto, 2 pp.
66

JAPANESE, per, Teion Engaku, Vol. XXII, No 2, 1952,
p 46.
9

Amer Meteorol Soc
AF Cambridge Res Center

Sci - Geophysics

Jun 60

106,252

quantitative study of the metamorphism of
snow crystals by sublimation, by Tzuno
Yoshida, 10 pp.

JAPANESE, par, Teion Kagaku, Vol. XIII, 1954,
pp 11-29.

Amer Meteorol Soc
AF Cambridge Res Center

Sci - Geophysics

Jan 60

106,253

On the Mechanism of the Death of Bacteria by Low Temperature
Treatment, by Toru Sato, 56 pp.
JAPANESE, per, Teolon Kagaku, B, Vol XII, 1954, pp 39-61.

9219759

AEC-Tr-6176

Sci - Geophys
Feb 64

250, 240

Visco-elasticity of Ice in the Temperature Range
0° K - 100°K, Communication I, by Kenji Yamaji,
Shirohisa Nakamura, 11 pp.

JAPANESE, per, ~~Taisho~~ Kagaku, Vol XV, 1956, pp 171-183.

Amer Meteorol Soc
AP Cambridge Res Center

Sci - Geophysics

Jan 60

106, 247

Dynamics of Visco-Elastic Bodies and the
Weissenberg Effect, by Rikichiro Takao,
Fujie Takao, 2 pp.

JAPANESE, par, Teion Kagaku, Vol XXVI, No 6,
1956, pp 313.

Amer Meteorol Soc
AF Cambridge Res Center

Sci - Geophysics

Jan 60

106,249

Effects of Cold-weather Clothing on Skin
Temperature Distribution During Exposure to
Low Temperatures, by Tokio, Sei, G. Yoshimoto,
T. Hayashi, G. Mori, E. Sakunishi, E.
Asanuma, K. Sakurada, M. Asada, 6 pp.

JAPANESE, per, Teion Kagaku, No 14, 1956.

Amer Meteorol Soc
AF Cambridge Res Center

Sci - Geophysics

Jan 60

106,250

On the Supercooling and Evaporation of Thin Water
Films, by Takao Hori, 8 pp.

JAPANESE, per, Teicon Kagaku, Vol XV, 1956, pp 34-42.
CIA 654233

OTS 60-17344
Corps of Engineers
Tr 62

Sci. & Chemistry
May 60

116,875
Dept of Interior
US Gen of Reclamation
Technical Lib, Denver

61-25680

Kuroiwa, Daisuke and Yamaji, Kenju.
INTERNAL FRACTION OF POLYCRYSTALLINE AND
SINGLE-CRYSTAL ICE, tr. by E. R. Hope. 1961
[21]p. 10 refs. NRCC Technical trans. 978.
Order from NRCC \$1.50 NRCC C-3757

Trans. of Teion Kagaku. [Butsuri Hen] (Japan) 1959,
v. 18, p. 97-114.

DESCRIPTORS: *Internal friction, *Single crystals,
*Ice, Liquified gases, Refrigeration systems, Cryo-
genics, Thermal radiation, Glaciers, Solids,
Deformation.

(Chemistry--Physical, TT, v. 7, no. 7)

- I. Kuroiwa, D.
- II. Yamaji, K.
- III. NRCC TT-978
- IV. NRCC C-3757
- V. DSIS T-68-J
- VI. National Research
Council of Canada

NLL M. 4605
DRB CANADA
T 68 J

Office of Technical Services

62-16602

I. Aoki, H.

Aoki, Hideo.
ON NOISES IN THE WORKROOMS AND THE HEAR-
ING POWER OF EMPLOYEES IN THE TELEPHONE
AND TELEGRAPH OFFICE OF THE CITY OF
NAGANO. [1962] 20p. 15 refs.
Order from SLA \$1.60

62-16602

Trans. of Teishin Igaku (Japan) 1954, v. 6, no. 12,
p. 953-959.

DESCRIPTORS: *Noise, *Hearing, Personnel, *Tele-
phone communication systems, Telegraph systems,
*Auditory perception, Industrial medicine.

(Biological Sciences--Medical Specialties, TT, v. 9,
no. 4)

Office of Technical Services

The Mechanism of Freezing of Micro-organisms.
II. Morphological Observations of Freeze-
Dried Goli Cells with Electron Microscope
by Tokio Nei, 20 pp.

JAPANESE, per, Teion Kagaku, B, 1962, No 20
pp 109-119.

AEC-tr-5886

The Mechanism of Freezing in Micro-organisms. I.
Factors Affecting the Survival of Yeast Cells
Subjected to Subzero Temperatures by Tadashi
Araki and Tokio Nei, 22 pp/

JAPANESE, per, Teion Kagaku, ^B1962, No 20,
pp 57-67.

AEC-tr-5885

Sci - Phys
Oct 63

Dielectric Properties of Sea Ice, by Euzui Fujino.
FOR OFFICIAL USE ONLY
JAPANESE, per, Tei Kagaku, Phys Vol 21,
pp 127-169.
FSTC-HT-23-76-68 P200193268-V

Sci/Agr
Sept 68

366,490

Studies of Ice Accumulation on Ships. Part 1,
by Tadashi Tabata, 42 pp.
JAPANESE, per, Teion Kagaku, Series A, No 21,
1963, pp 173-221
DRB- T 93 J P942051468

Sci/Ray
Jun 70

Freezing Injuries in Yeast Cells. The Mechanism of
Degradation of Some Phosphorus Compounds of Yeast
Cells Resulting From Freezing and Thawing, by
Kiyohiko Nishida.

JAPANESE, par. Toku Kaseki, Vol 63II, 1964,

pp 100-117.

SAUC ORN 6 658

B/M
May 68

Denaturation of Myosin-A Resulting From
Freeze-Thawing, by Naofumi HANAFUSA,
JAPANESE, per, Telom Kagaku, Ser. B22,
1964, pp 119-131, 9232562
ASC OENL-Tr-1056

Sci/B411
May 66

300,452

On the Formation and Growth of Sea Ice in the
Southern Part of the Okhotsk Sea, by T. Tabata.
JAPANESE, per Teion Kagaku Butsuri Ser. A. Vol. 19,
1960, pp 175-186
NLL/5828.4 1965 (11077)

Sci -
Aug 67

339-523

On the Drift of Ice Islands in the Arctic Ocean,
by K. Kasumoki.
JAPANESE, par, Teion Kagaku-Butsuri, Vol 21,
1963, pp 159-171.
HTC-69-12911-081

Sci-Mar Sci
Sept 69

391,182

Heaving Force of Frozen Ground. 1. Mainly on
the Results of Field Researches, by S.
Kinoshita, T. Ono.
JAPANESE, per, Teion Kagaku Ser. A., Vol 21,
1963, pp 117-139.
NLL 8732 (1246)

Sci - Chem
Oct 67

343,359

Studies on Ice Accumulation of Ships. On the
Conditions for the Ice and the Rate of Icing, by
N. Ono. *Part 2*
JAPANESE, per, Teion-Kagaku, Butsuri, Series A,
Vol 22, 1964, pp 170-181.
NTC-71-10116-08L

Nov 71

Response of Human Electroencephalogram to Induced
Hypoxia at the Altitude of 6,000 Meter and 8,000
Meter in the Low Pressure Chamber (article from
Japanese Journal of Aerospace Medicine and
Psychology), by Haruo Ikegami, Iwao Takase, 13 pp.
JAPANESE, per, Teisanso Doki no Noha ni Kansuru Kenkyu
Dec 1964, Vol 2.

SF-3856

Sci
Oct 65

Studies Concerning Personnel Qualifications.

JAPANESE, pamphlet, Teikisei ni Kansuru Kenkyu,
30 Mar 1957, publ by Technical Research Institute,
Rpt no 133, 20 pp. (EDC 20 Nov 1957)

6004th AIBS Tr S-32-130

FE - Japan
Econ
Nov 57

54, 974

Concerning Artificial Satellite Observations, by
Seiji Ito, 5 pp.

JAPANESE, per, Tessen to Kisho, Vol XXIII, No 12,
1957, pp 2-4.

Amer Meteorol Soc
AF Cambridge Res Center

Sci - Geophysics

Jan 60

106,248

THE INDONESIAN NATIONAL ARMY, BY A. P. NASUTION,
247 PP.

INDONESIAN, BK, TENTARA NASIONAL INDONESIA, VOL 1,
OCT 1956, PP 1-238.

JPRS 19185

FE - INDONESIA
MIL.
MAY 63

230,093

Nakamura, K.
THE DYNAMIC PROBLEMS OF THE WHEEL AXLES
OF RAILWAY VEHICLES. REPORT I. METHOD OF
STRESS MEASUREMENT. 25p. 20 refs. MTWL: 952.
Order from OTS or ETC \$1.95 61-17554

Trans. of Tetsudo-gijutsu Konyu Shiryo (Japan) 1956,
v. 13, p. 289-296.

DESCRIPTORS: *Railroad cars, *Vehicle wheels,
Dynamics, Stresses, Measurement.

61-17554

- I. Nakamura, K.
- II. MTWL-952
- III. Stichting Moeilijk
Toegankelijke Wetenschap-
pelijke Literatuur

Office of Technical Services

Vibration Induced on Railway Track by Train.

JAPANESE, per, Tetsudo Gijutsu Kenkyujo, ^{Oct} 1959,
pp 9-13.

USACRAC, PD
Tr No 101815-A

Sci - Engineering
Aug 60

121,388

Velocity-Distance Automatic Data Recorder.

JAPANESE, per, Tetsudo Gijutsu Kenkyujo, ^{Oct} 1959, p 24.

USACRAPAC, PD
Tr No 101815-A

Eci - Engineering
Aug 60

121,389

Performance Test of Hydraulic Shock Absorber (Type
HD 2B, HD 2B X and others) for Freight Car Coupler.

Oct
JAPANESE, per, Tetsudo Giyutsu Kenkyujo, 1959,
pp 31-33.

USACRAC, PD
Tr No 101815-A

Sci - Engineering
Aug 60

121,390

Running and Impact Tests of Flat Car (Ghiki-5000) for
Loading 5-Ton Containers.

OK
JAPANESE, *OK* Tetsudo Gijutsu Kenkyujo, 1959, pp 37,
38.

USACRAC, PD
Tr No 101815-A

Sci - Engineering
Aug 60

121,384

Vibration Test of Flat Car (Chiki-5000) for Loading
5-Ton Containers.

JAPANESE, per Tetsudo Giyutsu Kenkyujo, ^{Oct} 1959,
pp 38, 39.

USACRAC, PD
Tr No 101815-A

Sei - Engineering
Aug 60

121,385

Behavior of Active Materials of Negative Plates of
Alkaline Storage Batteries.

JAPANESE, per, Tetsudo Gijutsu Kenkyujo, Nov 1959,
pp 11, 12.

USACRAPAC, PD
Tr No 101815-B

Sci - Chemistry
Aug 60

121,386

Test of Type "B" Automatic Train Stop Apparatus.

JAPANESE, per, Tetsudo Gijutsu Kenkyujo, Nov 1959,
p 23.

USACRAPAC, PD
Tr No 101815-B

Sci - Engineering
Aug 60

121,387

Performance Test of Nickel-Cadmium Alkaline Storage
Battery for Railway Passenger Cars (Rpt 1).

JAPANESE, per, Tetsudo Gijutsu Kenkyujo, Nov 1959,
pp 25, 26.

USUCHARAE, PD
Tr No 101815-B

Sci - Chemistry
Aug 60

121,392

Current Collecting Capacity of Pantograph.

JAPANESE, per, Tetsudo Gijutsu Kankyujo, Nov 1959,

p 34.

2.

USACRAC, PD
Tr No 101815-B

Sci - Electronics
Aug 60

121,393

Brake Test of Flat Car (Chiki-5000) for Loading 5-Ton
Containers.

JAPANESE, par, *Oct* Tetsudo Gijutsu Kenkyujo, 1959,
pp 35-37.

USACRAC, PD
Tr No 101815-A

Sci - Engineering
Aug 60

121,391

Test Model-LH 1051 Air-Brake Moisture Eliminator.

JAPANESE, per, Tetsudo Gijutsu Kankyojo, Nov 1959,
p 36.

USACRPAAC, PD
Tr No 101815-B

Sci - Engineering
Aug 60

121,394

Study on the Sulphation of Lead Battery Negative
Plata, Rpt 1. Observation Under the Electron
Microscope.

JAPANESE, per, Tetsudo Gijutsu Kenkyujo, Jan 1960,
pp 16-18.

UEACRAPAC, PD
Tr No 101815-C

Sci - Electronics
Aug 60

121,395-

Noise Induced on Communication Line by Electrification of Section Between Utsunomiya and Shirokawa on Tohoku Line.

JAPANESE, par, Tetsudo Gijutsu Kenyu, Jan 1960,
pp 23-25.

USACRPAAC, PD
Tr No 101815-C

Sci - Electronics
Aug 60

121,396

A Study of Train Scheduling and Operation Adjustment.

JAPANESE, per, Tetsudo Gijutsu Kenkyujo, Jan 1960,
p 25.

USACRAC, PD
Tr No 101815-C

FR - Japan
Econ
Aug 60

121,397

Practical Life Test of TRA-12 Type Storage Batteries
Bought in 1955, Rpt 4.

JAPANESE, per, Tetsudo Gijutsu Kenkyujo, Jan 1960,
pp 29, 30.

INACRAPAC, PD
#r No 101815-C

Sci - Engineering
Aug 60

121,395

Performance Test on Simplified AC Electric Car
Transmission System.

JAPANESE, par, Tetsudo Gijutsu Kenkyujo, Jan 1980⁶
p 31.

USACRAPAC, PD
Tr No 101815-C

Sci - Engineering
Aug 60

121,399

Dynamic Programming. (Tr from English)

JAPANESE, per, Tatsudo Gijutsu Kenkyujo, Jan 1960,
p 32.

USACRAPAC, PD
Tr No 101815-C

Sci - Physics
Aug 60

121,400

Nakamura, K.
THE DYNAMIC PROBLEMS OF THE WHEEL AXLES
OF RAILWAY VEHICLES. REPORT I. METHOD OF
STRESS MEASUREMENT. 25p. 20 refs. MTWL: 952.
Order from OTS or ETC \$1.95 61-17554

Trans. of Tetsudo-gijutsu ^{ek}Kōryū Shiryo (Japan) 1956,
v. 13, p. 289-296.

DESCRIPTORS: *Railroad cars, *Vehicle wheels,
Dynamics, Stresses, Measurement.

61-17554

- I. Nakamura, K.
- II. MTWL-952
- III. Stichting Mocilijk
Toegankelijke Wetenschap-
pelijke Literatuur

Office of Technical Services

Impact Test of Bogie Tank Car.

JAPANESE, per, Tetsudo Gijutsu Kenkyu Shiryo, Jun 1960,
p 23.

500th MIG, SIRA
Tr No 102427

Sci - Engineering
FE - Japan
Econ
Apr 61

147,606

Electric Locomotive EF60 Traction Test.

JAPANESE, per, Tetsudo Gijutsu Kenkyu Shiryo, Jun
1960, pp 23, 24.

500th MIG, SIRA
Tr No 102427

Sci - Engineering
Apr 61

147,607

Report on Geological Survey for Excavation of Long
Tunnels on the New Trunk Line.

JAPANESE, per, Tetsudo Gijutsu Kenkyu Shiryo, 25 Jul
1960, p 22.

USACRAPAC, PD
Tr No 102743

Sci - Geophysics
Jan 61

137,872

Performance Test of Trial-Manufactured Sintered
Alkaline Storage Battery, Rpt 2.

JAPANESE, per, Tetsudo Gijutsu Kenkyu Shiryo, 25
July 1960, p 27.

USACRAPAC, PD
Tr No 102743

Sci - Chemistry
Jan 61

137,873

Results of Endurance Test of TNE-16 Train
Storage Batteries Procured in 1954, Rpt 4.

JAPANESE, per, Tetsudo Qijutsu Kenkyu Shiryo,
25 Jul 1960, p 28.

USACRAPAC, PD
Tr No 102743

Sci - Engineering
Jan 61

137,867

Recent Soviet Research on the Brake (3).

JAPANESE, per, Tetsudo Gijutsu Kenkyu Shiryo,
25 July 1960, p 29.

USDA
USACRAC, PD
Tr No 102743

Sci - Engineering
Jan 61

137,868

Testing of the Automatic Train Controller.

JAPANESE, per, Tetsudo Gijutsu Kenkyu Shiryo, 25 Jul
1960, pp 29, 30.

USACRAPAC, PD
Tw No 102743

Sci - Engineering
Jan 61

137,869

Application of Experimental Design in JNR, 1959.

JAPANESE, per, Tetsudo Gijutsu Kenkyu Shiryo,
25 Aug 1960.

USACRAPAC, PD
Tr No 102744

Sci - Engineering
Jan 61

138,916

Automatic Train Controller Test, Part 2 -- Cab
Signal and Automatic Control Test.

JAPANESE, per, Tetsudo Gijutsu Kenkyu Shiryo,
25 Aug 1960, pp 25-27.

USACTAPAC, PD
Tr No 102744

Sci - Engineering
Jan 61

137,870

A Study on Hydrogen and Nitrogen in Steel
in the Course of Steel-Manufacturing, by
S. Kobayashi, 12 pp.
JAPANESE, per, Tetsu to Hagane, 23, 1937
pp. 954-965.

*Nat. Bur. Stand. TT 70-57203

Sci/Chem
May 70

Investigation of the Behaviour of Hydrogen in
Steel, by M. Kawai.

JAPANESE, per, Tetsu to Hagane, Dec 1950,
pp 21-25; Jan 1951, pp 23-29.

BISI 1966

Sci - Chem

Jan 61

136,591

Effect of Ultrasound on Various Changes in Steel
at High Temperatures, by S. Tanaka, T. Yoshida,
K. Takagi.

JAPANESE, per, Tetsu to Hagane, Vol XXXVII, No 10,
1951, pp 25-30.

Brutcher Tr 4.158
\$4.90

Sci - Min/met
Jul 58

66,290

The Influence of Oxygen on the Properties of
Iron and Steel, II. by Taichi Saito, 15 p.

JAPANESE, per, Tetsu to Hagane, 1951, Vol XXXVII.
No 5, pp 23-30.

SLA 60-10037

Sci
Apr 60
Vol XII, No 2

113,605

Effect of the Basic Arc Furnace Practice Upon the
Nonmetallic Inclusion Content of Steel, by
H. Ishizuka,

JAPANESE, per, Tetsu-to-Hagane, Vol XXXVII, No 7,
1951, pp 397-404.

25,973

Bratcher Tr 3430
\$9.40

Scientific - Min/Metals

Aug 55 CTS

The Influence of Compositions, Temperature,
Time and Residual Stress on High Temperature
Age-Hardening, by Eiichiro Asano, 15 pp.

JAPANESE, per, Tetsu to Hagane, Vol XXXVIII,
No 5, 1952, pp 51-56.

SLA 60-10295

Sci

Jun 60

118,347

The Influence of Solution Treatment on
Grain-Size and High Temperature Age-Hardening.
PT. 2 of Study on Heat-Resisting Steel, by
Michiro Asano, 13 pp.

JAPANESE, per, Tetsu to Hagane, Vol XXXVIII,
No 6, 1952, pp 29-33.

SLA 60-10296

Sci

Jun 60

118,348

The Relation Between Temperature and Strain After
Cold Work or Hot-Cold Work, in Timken 16-25-6
Alloy, PT. 3 of Study on Heat-Resisting Steel,
by Eiichiro Asano, 19 pp.

JAPANESE, per, Tetsu to Hagane, Vol XXXVIII,
No 7, 1952, pp 41-47.

SLA 60-10297

Sci

Jun 60

118,339

Rapid Method of Measuring the Basicity of Slags in
Electric Furnaces. UNCL

JAPANESE, per, Tetsu-to-Hagane, Vol XXXVIII, Mar
1952, pp 146-150.

British Iron and Steel Ind
(no number given)

Sci .. Min/Inst
Sep 59

98,393

Mori, Kazumi and Matsushita, Yukio.
THE ELECTRICAL CONDUCTIVITY OF MOLTEN
BINARY SLAGS. [1963] [6p] (figs tables omitted)
Order from SLA \$1.10 TT-64-14385

Partial trans. (excerpts) of Tetsu to Hagane (Japan)
1952, v. 38, no. 5, p. 283-288.
Another trans. is available from SLA as I-418, 5p.

(Chemistry--Physical, TT, v. 11, no. 11)

TT-64-14385

- I. Mori, K.
- II. Matsushita, Y.
- III. SLA-I-418

Office of Technical Services

Electrical Conductivity of Molten $\text{CaO-Al}_2\text{O}_3$ Slag,
by Yukio Matsushita, Kazumi Iseri, 4 pp.

JAPANESE, per, Tetsu-to-Hagane, Vol XXXVIII,
1952, pp 532-536.

S.I.A. Tr No 419/1955

Sci - Minerals/Metals
Jan 1957 CTS/dex

45,801

1
Determination of Gases in Steel by Vacuum Fusion
(Absorption of Gases by the Furnace. I), by
Shigeki Sawa.

JAPANESE, per, Tetsu To Hagamu, Vol XXXVIII, No 8,
pp 567-571.

Brutcher Tr
No 3547

30,257

Scientific - Min/Metals

Jan 56 CTS/DEX
\$6.80

V
Determination of Gases in Steel by Vacuum Fusion,
Absorption of Gases by the Furnace. Part II,
(concluding), by Shigeki Sawa

JAPANESE, per, Tetsu to Hagane, Vol 38, No 9,
1952, pp 672-678

Brutcher No 3648
\$6.40

Scientific - Min/Metals
Feb 56 CIB/dex

31, 2 37

Effect of Ultrasound on Behavior of [High-Purity] Iron at Elevated Temperatures, by S. Tanaka, T. Yoshida, K. Takagi.

JAPANESE, per, Tetsu to Hagane, Vol XXXVIII, No 11, 1952, pp 33-36.

Brutcher Tr 4157
\$2.75

Sci - ~~HEX~~ Physics

Aug 58

68,201