

(87-8091)

MECHANIZATION OF TRANSPORT OPERATIONS  
AT ENTERPRISES OF THE TEXTILE INDUSTRY,  
BY F. S. KUPRIYANOV, F. F. MORITSKIN,  
17 PP.

RUSSIAN, PER. LENI I AVTOMAT PROIZ.  
NO 3, 1960, PP 39-44.

JPS 12076

USSR  
ECON

183,091

(NY-2900/22)

Arrangement of Flexible Bufferless Continuous-  
Action Automatic Lines, by G. I. Melamed, 8 pp.

RUSSIAN, per, Mekh i Avtomat Proiz, No 4, 1960,  
pp 1-6.

JPRS 7226

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136,160

(NY-2900/22)

New Machines for the Complex Mechanization of  
Transloading ~~NEW~~ Bulk Materials in Seaports,  
by Ye. S. Vorobtsov, 6 pp.

RUSSIAN, per, Mekh i Avtomat Proiz, No 4, 1960,  
pp 45-49.

JPRS 7226

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Jan 61

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Azimov, A. A., Nafda, V. A., and Reva, A. S.  
DIE MECHANISIERUNG DER ARBEITEN BEI DER  
GEWINNUNG FEUERFESTER TONE IM TIEFBAU  
(Mechanization of the Underground Winning of  
Refractory Clays). 7p. (text in German).  
Order from T.I.B. \$1.55

Trans. of Mekhanizatsiya i Avtomatizatsiya Proiz-  
vodstva (USSR) 1960, no. 7, p. 22-25.

DESCRIPTORS: \*Mining engineering, \*Clays,  
Refractory materials.

62-27009

I. Azimov, A. A.  
II. Nafda, V. A.  
III. Reva, A. S.  
IV. T.I.B.  
V. Technische Informations-  
bibliothek Hannover

Office of Technical Services

(NY-2900/38)

The Utilization of the Hydraulic Tracer Drive for  
the Automation of Equipment, 4 pp.

RUSSIAN, per, Mekh i Avtomatizat, No 7, 1960,  
pp 59, 60.

JPRS 7785

USSR  
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142,108

(SF-2091)

GREATER ATTENTION (MUST BE DEVOTED) TO  
INDUST TECHNICAL PROGRESS IN THE TEXTILE  
INDUSTRY, BY V. A. SAMARIN, 5 PP.

RUSSIAN, PER, NIKH I AVTOMAT PIVOZI,  
NO 8, 1960, PP 4-5.

JPRS 11475

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FEB 62

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Kozlov, B. P.  
PROSPECTS OF AUTOMATION IN THE TEXTILE  
INDUSTRY (Perspektivy Avtomatizatsii v Tekstil'noy  
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Order from OTS or SLA \$1.60      61-19912

Trans. of Mekhanizatsiya i Avtomatizatsiya Proiz-  
vodstva (USSR) 1960 [v. 14] no. 8, p. 6-10.

DESCRIPTORS: \*Textile industry, \*Automation,  
Industrial production, Manufacturing methods,  
Economics.

(Materials--Textiles, TT, v. 6, no. 2)

61-19912

- I. Kozlov, B. P.
- II. RTS-1799
- III. Department of Scientific  
and Industrial Research  
(Gt. Brit.)

*Br. Tech*  
168866

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Ustinovich, T. A.  
AN AUTOMATIC CONTINUOUS PRODUCTION LINE  
IN A COTTON SPINNING MILL (Avtomaticheskaya  
Potochnaya Liniya na Khlopkopryadil'noy Fabrike).  
Apr 61 [13]p. RTS 1798.  
Order from OTS or SLA \$1.60                      61-19795

Trans. of Mekhanizatsiya i Avtomatizatsiya Proiz-  
vodstva (USSR) 1960, [v. 14] no. 8, p. 10-14.

DESCRIPTORS: Cotton textiles, Processing, \*Textile  
Industry, \*Automation, Manufacturing methods,  
Industrial production, Economics.

(Machinery--Manufacturing, TT, v. 6, no. 2)

61-19795

- I. Title: Spinning mill
- I. Ustinovich, T. A.
- II. RTS-1798
- III. Department of Scientific and  
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109674

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Zubchanikov, V. V.  
TECHNICAL AND ECONOMIC CHARACTERISTIC OF  
THE COMPLEX MECHANISATION AND AUTOMATION  
IN THE TEXTILE INDUSTRY (Tekhniko-Ekonomi-  
cheskaya Kharakteristika Kompleksnoy Mekhanizatsii i  
Avtomatizatsii v Tekstilnoy Promyshlennosti). May 61  
219/p; RTS 1800  
Order from OTS or SLA \$1.60                      61-19911

Trans. of Mekhanizatsiya i Avtomatizatsiya  
Proizvodstva (USSR) 1960 [v. 14] no. 8, p. 23-27.

DESCRIPTORS: \*Textile industry, \*Automation,  
Economics, Industrial production, Manufacturing  
methods.

(Materials--Textiles, TT, v. 6, no. 2)

61-19911

- I. Zubchanikov, V. V.
- II. RTS-1800
- III. Department of Scientific  
and Industrial Research  
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103670

*Bent*  
*RTS 1800*  
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All-Union Conference on the Mechanization of  
Management Work, 13 pp.

RUSSIAN, per, Mekh i Avtomat Proiz, ~~XXXXXX~~  
Vol XIV, No 3, 1960, pp 55-56.

JPRS 3357

Sci - Eng:

155 459

Jun 61.

(NY-6622/1)

Pressing Problems of Full Mechanization of  
Metallurgical Production, by N. A. Ryshenko,

7 pp.

RUSSIAN, Mekh i Avtomatirovanie, No 9,  
1960, pp 3-5.

JPRS 10266

171 056

USSR

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Oct 61

(NY-6522)

Speed up the Rate of Planned and Research Operations  
by V. M. Zudin, 4 pp.

RUSSIAN, per, Mekh i Avtomat Proiz, No 9, 1960,  
pp 7, 8.

JPRS 10265

171, 112

USSR

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Oct 61

(NY-6622/3)

Mechanization of Transport Operations in  
Steel Casting Shops, by K. P. Kostanovskii,  
11 pp.

RUSSIAN, per, Mekh i Avtomat. Proiz., No 9, 1964,  
pp 8-12.

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JPRS LOGS

Sci - Eng

171, <sup>102</sup>~~102~~

Oct 61.

NY-6622/13

Overall Automation of Charge Delivery to  
Blast Furnaces, by L. I. Fedorov, A. A. Ganich,  
10 pp.

RUSSIAN, paper, Mekh i Avtomat Proiz, No 9,  
1960, pp 12-15.

JPRS 10253

Sci - Engr

171, ~~100~~

Oct. 61

(NY 58225)

Automatic Regulation of Strip Thickness in  
Continuous Mills, by V. V. Kozhevnikov,  
6 pp.

RUSSIAN, per, Mekh i Avtomat. Prizn, No 9,  
1960, pp 18, 19.

JPRS 10267

Sci. - Eng.

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Cor. 61.

(NY-6622/6)

Mechanization of Sample Delivery From Steel  
Casting Shops, by Yu. S. Pinus, 6 pp.

RUSSIAN, part, Mekh i Avtomat. Treiz. No. 9, 1960.  
pp 20, 21.

JPRS 10268

Sci - Engr

171,058

Oct 61



Solov'yanov, I. N.  
NEUE ROHRE UND LADEGERÄTE FÜR UNTERTAGE-  
ARBEITEN (New Underground Boring Plants and  
Loading Units) (as), 6p. (text in German).  
Order from T.I.B. \$1.55.

Trans. of Mekhanizatsiya i Avtomatizatsiya Proiz-  
vodstva (SSR) 1960, vol. 14, no. 9, p. 32-34.

DESCRIPTORS: Mining engineering. \*Drilling machines  
\*Loader.

62-27007

I. Solov'yanov, I. N.  
II. T.I.B.  
III. Technische Informations-  
bibliothek Hannover

Office of Technical Services

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DC-6484)

AUTOMATIC CONTROL OF THERMAL PROCESSES IN  
OPEN HEARTH FURNACES, BY G. A. PETROV,  
I. N. MIKHAYLOV, A. P. KLYUCHNIKOV, 11 PP

RUSSIAN, PER, MEMO I AVTONOMI PRIZ,  
NO 10, 1960, PP 20-23.

JPRS 122132

SCI ENGINEERING

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(NY-2900/56

Means of Improving the Production of Construction,  
Road, and Loading and Unloading ~~M~~ Machines, by  
N. K. Dombrovskiy, 8 pp.

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pp 42-46.

JPRS 9260

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(NY-2900/59).

LM-40 and LM-45 Automatic Lines, by L. S. Tsenter,  
RUSSIAN, per, Mekh i Avtomat Proiz, Nov 1960,  
pp 6-7.

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Econ - Technological, Machine Building

5 May 61

(NY-5500)

Choosing the Composition of Automatic Lines  
To Produce Printed-Circuit Boards for Radio  
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RUSSIAN, per, Mekh i Avtomat Proiz, Nov 1960,  
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JPRS 9328

155,600

Sci - Electron  
Jun 61

(SF-1517)

The Development and Introduction of Computer  
Engineering in the National Economy of the USSR, by  
B. Del Rio, 5 pp.

RUSSIAN, per, Mekh i Avtomat Proizvodstva, No 12,  
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JPRS 4489

Sci - Eng

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Apr 61

Towards New Heights of Technological Progress,  
by A. P. Aristov, 16 pp.

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(NY-3000/1

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24 pp.

RUSSIAN, per, Mekh i Avtomat Proiz., No 2, 1961.

JPRS 9772

USSR

Econ

Aug 61

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(JPR-9523)

Development of Over-All Mechanization and  
Automation in Machine Building, by A. Ye.  
Prakopovich, 14 pp.

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(NY-6000)

Organizing the Production of Self-propelled  
Wheeled Construction and Road Machinery, 4 pp.

RUSSIAN, per, ~~Mekh i Avtomat-Proiz.~~ No 2, 1961,  
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JPRS 9857

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163, 442

Econ

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AUTOMATION IN PRODUCTION WELDING, BY A. I.  
AKULOV.

RUSSIAN, PER, MEKH I AVIOMAT PROIZ, NO 8  
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VOL 3, NO 8, 1961

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Greater Attention to the Development of Equip-  
ment and Automation Equipment in the Chemical  
Industry, by A. M. Vasil'yev, A. V. Pleykin,  
5 pp.

RUSSIAN, per, Mekh i Avtomat Proiz, No 3,  
1961, pp 1-3.

JFIS 9912

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New Machines for the Chemical Industry, ~~KHXX~~

RUSSIAN, per, Mekh i Avtomat Proiz, Mar 1961,  
pp 3, 4, 6, 8, 28, 30, 31, 32.

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Econ - Technological, Machine Building  
31 May 61

(P-337)

The Automation of the Chemical Industries,  
by M. P. Melnik, 22 pp.

RUSSIAN, Engl. transl. Avtomat. Prom.  
No 3, 1961, pp 8-10.

JPRS 10869

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Certain Problems of Automatic Control and Regulation in the Production of Phenol-Formaldehyde Resin, by N. Ya. Parlashkevich, Yu. N. Izrael, A. V. May, et al. 19 pp.

RUSSIAN, par, Mekh i Avtomat Proiz, No 3, 1961, pp 17-25.

JPRS 10869

175 432

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(NY-3000)

The Complex Mechanization and Automation of  
Production Processes at the Enterprises of the  
Moscow City Sovnarkhoz, by G. Ye. Glagolev,  
12 pp.

RUSSIAN, per, Mekh i Avtomat Proiz, No 4, 1961,  
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JPRS 9914

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*163,967*



(NY-3000)

The Group Method of Working -- A Very Important  
Method for the Mechanization and Automation of  
Machine-Building and Instrument-Making,  
by A. A. Vikhirev, 10 pp.

RUSSIAN, per, Mekh i Avtomat. Proiz, No 11, 1961,  
pp 6-11.

JPRS 9914

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(NY-3000)

Complete Mechanization of Machine Tool Production  
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Fedot'yev, 10 pp.

RUSSIAN, per, Makh i Avtomat Proiz, No 4, 1961,  
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JPRS 9914

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163, 969

(NY-3000)

Mechanization and Automation Facilities at the  
Plants of the Moscow City Sovnarkhoz, by N. D.  
Fursov, V. I. Roshchin, V. I. Kuzhlev, 8 pp.

RUSSIAN, per, Makh i Avtomat Proiz, No 4, 1961,  
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JPRS 9914

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163, 970

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(NY-3000)

Complex Mechanization and Automation in  
the Bearing Industry, by A. I. Sprishevskiy,  
L. M. Makurov, 18 pp.

RUSSIAN, per, Mechanizatsiya i Avtomat Proiz,  
No 5, 1961, pp 1-7.

JPRS 11849

178, 184

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(NY-3000)

Automation of Turning and Drilling Work in Machining  
Crankshafts and Camshafts, by V. A. Benkin, 6 pp.

RUSSIAN, per, Mekh i Avtomat Proiz, No 6, 1961, pp  
pp 4-8.

JPRS 10556

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*173.531*

Econ

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Moroz, L. I.  
MECANIZACION Y AUTOMATIZACION DE LOS PRINCIPALES PROCESOS EN LA PRODUCCION DE CARBURO (Mekhanizatsiya i Avtomatizatsiya Osnovnykh Protseessov Karbidnogo Proizvodstva) (Mechanisation and Automation of the Main Carbide Manufacturing Processes). 20p. CID: 62-243.  
Order from OTS, ETC or CID \$0.80 62-29243

Trans. in Spanish of Mekhanizatsiya i Avtomatizatsiya Proizvodstva (USSR) 1961, v. 13, no. 7, p. 48-51.

DESCRIPTORS: \*Automation, Production, \*Carbides.

(Engineering--Chemical, TT, v. 10, no. 7)

62-29243

I. Moroz, L. I.  
II. CID-62-243  
III. Centro de Informacion y Documentacion, Madrid (Spain)

Office of Technical Services

(NY-3000)

Mechanization and Automation in the  
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by P. D. Khishnyak, 7 pp.

RUSSIAN, per, Mekh i Avtomat Proiz,  
No 8, 1961, pp 1-6.

*Not in book* JPRS 13169  
*Vol 4, No 8, 1961*

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(NY-3000)

Introduction of Complex Mechanization and Auto-  
mation at Metallurgical Enterprises, 4 pp.

RUSSIAN, per, Mekh i Avtomat Proiz,  
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JPRS 11315

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USSR  
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Electromagnetic Chute for the Transport of Molten  
Pigiron, by L. A. Verte, 16 pp.

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CIA/FID X-4828

Sci - Engr.

*Ne. No. 8*  
*Vol. 8, 1961*

*190,079*

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The Machine-Building Industry Is the  
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Automation of Production Processes.  
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JPRS 11231

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Automation of Production Processes at  
Machine-Building Enterprises, by  
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JPRS 11277

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(NY-3000)

Metalworking Machines With Programmed  
Control, by P. F. Sbafranskiy, 4 pp.

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Aug 1961, pp 13-4 17.

JPRS 11277

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The Economic Effectiveness of the Automated  
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3 pp.

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Aug 1961, pp 47-50.

JPRS 11231

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Automation in the Chemical Industry, by  
L. A. Kostandov, 12 pp.

RUSSIAN, ~~approx. 12 pages~~ 8 per,  
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pp 15-18.

JPRS 12681

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(NY-3000)

MECHANIZATION AND AUTOMATION AT THE  
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INDUSTRY, BY V. B. KHLEBNIKOV, 26 PP.

RUSSIAN, PER, MEKH I AVTOMAT PROIZ,  
NO 10, 1961, PP 4-9.

JPRS 12156

USSR  
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(NY-3000)

INSTRUMENT MAKING IS THE BASIS OF AUTOMATION,  
BY I. K. PETROV, 13 PP.

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1961, PP 10-15.

JPRS 13627

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(NY-3000)

Technical Progress in Industry in the  
Sverdlovskiy Economic Region, by  
A. F. Yeshtokin, 12 pp.

RUSSIAN, per, Mekh i ~~X~~ Avtomat Proz,  
No 10, 1961, pp 19-25.

JPRS 11871

USSR  
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*179,063*

(NY-3000)

REPORT ON NONFERROUS METAL PRODUCTION  
IN KAZAKHSTAN, BY A. S. KOLEBAYEV, 6 PP.

RUSSIAN, PER, MEKH I AVTOMAT PROIZ, NO 10,  
1961, PP 28-30.

JPRS 12383

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(NY-3000)

NEW AUTOMATIC LINES, BY A. P. KALOSHIN,  
4 PP.

RUSSIAN, PER, MEKH I AVTOMAT PROIZ, NO 10,  
1961, PP 30-32.

JPRS 12382

USSR  
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(NY-3000)

VARIOUS MACHINE TOOLS EXHIBITED AT ALL-UNION  
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NATIONAL ECONOMY, BY M. L. LESNITSKIY, 8 PP.

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JPRS 12382

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(NY-3000)

NEW TECHNOLOGY AT THE ENTERPRISES OF THE  
CHELYABINSKIY SOVNARKHOZ, BY F. F. KUZYUKOV,  
6 PP.

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NOV 1961, PP 5-7.

JPRS 13865

USSR  
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MAY 62

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MECHANIZATION OF TRANSPORTATION AND STORAGE AT THE  
MOTOR VEHICLE PLANT, IMENI LIKHACHEV, BY

A. I. PUKHALIN, 4 PP.

RUSSIAN, PER, MEKHAN I AVTOMAT PROIZ, NO 11, 1961,  
PP 39-41.

JPRS 15536

USSR  
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OCT 62

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Automatic Equipment for the Control of the  
Quality of the Heat-Treatment of Steel  
Components, by V. M. Shkol'nik.

RUSSIAN, per, Mekhan Avtomat Proiz, No 12,  
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BISI 12 2693

Sci - Engr  
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Proceedings of the State Automation and  
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No 12, 1961, p 56.

JPRS 13310

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All-Round Mechanization and Automation in the  
Bearing Industry, by A. I. Sprishovskii and L.  
N. Makarov.

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Proizvodstva, Vol 5, 1961, pp 1-7.  
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Nov 67

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MATHEMATICAL METHODS IN THE AUTOMATION OF  
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RUSSIAN, PER, MEZHAN I AVTOMAT' PROIZ,  
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JPRB .113701

SCI - ENGR

MAY 62

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(NY-3000)

Principal Trends of Technological  
Progress in the Industry, of the  
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RUSSIAN, per, Makhan I Avtomat Proiz,  
No 1, 1962 1 Jan 1962, pp 1-4.

JPRS 13362

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An Automatic Line for Machining Gears,  
by G. A. Turkov, 7 pp.

RUSSIAN, per, Makh<sup>1</sup>i Avtomat Proiz,  
Jan 1962, pp 4-6.

JPRS 13424

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Rotary Machine Tools for Machining by  
Cutting and Their Application in  
Complex Automatic Lines, by  
M. M. Broyman, A. R. Chekhovskiy,  
19 pp.

RUSSIAN, ML per, Mehan i Avtomat Proiz,  
Jan 1962, pp 8-13.

JPRS 13424

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Mechanization and Automation of Welding  
Operations at the Enterprises of the  
Moscow Oblast Sovnarkhoz, by  
S. S. Gudimenko, G. N. Strekalov, 6 pp.

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JPRS 13362

190,161

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The Conference on Automatic Rotary Lines,  
by V. S. Zamalin, 6 pp.

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Jan 1962, pp 21, 22.

JPRS 13424

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Mechanization of Sorting Large Volumes of Information,  
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JPRS :15839

Sci - Misc, Machine Trans

~~215,749~~

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(VID 34156)

Automatic Control of the Heating Process in Gas Fired  
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R. Ya., *Rapport, 4 pp.* FOR OFFICIAL USE ONLY

RUSSIAN, Jour, Mekhanizatsiya i Avtomatizatsiya Proizvod-  
stva, Vol XVI, No 1, Moscow, Jan 1962, pp 29-31.

(NY-3000)

CLASSIFYING INDUSTRIAL ENTERPRISES BY  
OPTIMAL CAPACITY, 4 PP.

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1962, P 55.

JPRS 13674

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INADEQUATE LEVEL OF MECHANIZATION AND AUTOMATION  
IN METALLURGICAL PLANTS, BY A. A. LOGOVATOSKIY, 14 PP.

RUSSIAN, PER, MEKHANIZATSIYA I AVTOMATIZATSIYA  
PROIZ, 2 FEB 1962, PP 18-21.

JPRS 18950

SCI - ENGR

MAY 63

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(NY-3000)

Complete Automation in Ferrous Metallurgy, by A.  
K. Adabash'yan, N. M. Starovich, 11 pp.

RUSSIAN, per, Mekh i Avtomat Proiz.  
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JPRS 13958

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Sci - Min/Met  
Jun 62

197,858

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