

116
Experimental Study of the Effect of Thermo-
dynamics Properties of a Fluid on Cavitation
Phenomena, by N. S. Ershov, B. I. Borevskiy,
et al,
RUSSIAN, per, Aviatsionnaya Tekhnika, Vol 11,
No 2, 1966, pp 130-136.
•NASA TT F-10,913

N. S. Ershov

Sci-Phys
A, 1 67

Curvature of Bimetal Strips During Rolling. 111
by A. A. Hafezov, V. N. Ershov.
MOSKVA, per, Izv. VSE Chern. Mash., No 10,
1966, pp 100-103.
BIBI 5887

V. N. Ershov

319,846

Sci - Mechanical,
Civil, and Marine Engineering
Feb 67

103

Influence of Deformation and Annealing on the
Structure of Single-Crystalline Specimens of
K107B Alloy, by L. S. Ershova & V. V. Levitin.
RUSSIAN, per. ~~English~~ ~~summary~~,
~~summary~~, Inst. Sci. & A. Ershova, ~~AI, 1966~~, 1966,
pp 165-167.
ML Ref: 9022.A (67/143)

L. S. Ershova

Sci/Mat
Feb 68

349,629

The Annealing Behaviour of 21Cr-5Ni-1Ti Steel,
N. I. Ershova, et al.
Metall., ser. Zashchita Metallov, Vol 2, No 1,
1969, pp. 63-66.
All 9022.4 (66/132)

63

N. I. Ershova
et al.

342,747

Fields with a Solvable Theory, by
Ju. L. Ersov.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 174,
No 1, 1967, pp 19-20.
Am Math Soc
Vol 8, No 3, 1967

Ju. L. ERSOV

A Limit Theorem for the Number of Crossings
of a Level by a Stationary Gaussian Process,
by M. P. Ersov.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol 177,
No 6, 1967, pp 1259-1262.

An Math Soc
Vol 8, No 6, 1967

M. P. ERSOV

Dec 68

354,393

Isolation of Murexin from the Hypobranchial 4/
Gland Extracts and its Identification as
Beta-/ Imidazolyl-4(5)/-Acryl-Cholin, by
V. Erspamer, O. Benati.
GERMAN, per, Biochemische Zeitschrift, Vol 324,
1953, pp 66-73.
NTC 70-13479-06A

V. Erspamer

sci/b and a
nov 70

Problems of Vacuum Technique in the Preparation
of the Thin Layers, by Werner Espe,
CZRCI, per, Jenna Mechanika a Optika, No 10,
1965, pp 305-310.
*FTD-HT-67-289

71
88

WERNER ESPE

Sci-Mech, Indust, Civil & Marine Eng
Feb 67

An Industry with Fifteen Years' Experience
Has Come of Age, by A. Ertaud, 5 pp.
GOVERNMENT USE ONLY
FRENCH, mp, Le Monde Diplomatique, Vol 13,
No 150, Sept 1966, p, 17.
JPRS GUO 2179

A. Ertaud

WE-France
Mil
Nov 66

312,610

70
Possibility of Utilizing Bering Sea Alaska
Pollock for Food, by I. V. Kisevotter,
L. Ya. Krtel'.
RUSSIAN, per, Sybnos Khes, Vol XII, No 1, 1965,
pp 61-63.
Dept of Interior
Fish and Wildlife Service
B.C.F., Bureau of Foreign Fisheries

Sci-54M
Jul 67

332,936

Containers and Their Manufacture, by Istvan Ertl,
Laszlo Orvossy, 14 pp.
GOVERNMENT USE ONLY
HUNGARIAN, per, Anyagmozgatas Csomagolas, Vol 14,
1969, pp 18-24.
ARM/FSTC/IT-23-324-70

ISTVAN ERTL

Sci/Mech
Jan 69

598,904

Containers and Their Manufacture, by Istvan Ertl,
Laszlo Orvossy, 14 pp.
GOVERNMENT USE ONLY
HUNGARIAN, per. Anyagmozgatas-Csomagolas, Vol 14,
1969, pp 18-24.
ARM/FSTC/HT-23-502-69

Istvan Ertl

Sci/Neck
Dec 69

396,850

**From Eze to Espérance: 20 Years of Study and
Construction of Nuclear Reactors by the French
Atomic Energy Commission, by A. Entvad, R.
Gilbert, J. Hecouët and J. Ivan, 15 pp-
GOVERNMENT USE ONLY
FRANCE, par, Revue de l'Énergie, Vol VII,
No 8, Dec 1965, pp. 507-516.
JPRS 690 1164**

A. ENTVAD

US-France
Sci-Eng/Tech
May 66

300,125

What Is It All About? by P. Hertzberg, 20 pp.
YIDDISH, np, Frei Yisroel, 14 Oct 1965,
pp. 3 and 5.
JPRS 33383

ME-Israel
Pol
Jan 66

293,679

Linear Systems of Ordinary Differential Equations,
by Nikolay P. Krugin, 27199
SOL. 198, Science News, Vol 91, Mar 67,
No 11, pp 263

Nikolay P. Krugin

Sci
Apr 67

325,809

L. M. Erubimov

On the Slow Variations of Pulsar Radio Emission,
by L. M. Erubimov
RUSSIAN, per. Astronomicheski Tairkulyar,
No 513, 1969, pp 3-5
NTC 71-16829-03B

Feb 72

Luminescence Methods in the Study of the Structure of Biopolymers, by A. L. Erusalimskiy, RUSSIAN, per, Izv Akad Nauk SSSR Fiz, Vol XXIX, No 8, 1965, pp 1431-1438.
REF-NIT-12-18-66

Sci-884
Jan 67

318,180

B. Erussalimsky

Effect of Pressure on Radical Polymerisation and Copolymerisation of Ethylene, by B. Erussalimsky. EUROPEAN, per, Makromolekulare Chemie, Vol 104, 1967, pp 288-296. ETC 72-10773-07C

Apr 72

Star of the Debate, by Miko Ervin. 10p.
HUNGARIAN, par, Vinta Militara, March 1958,
pp 17-27.
DIA LE 100-06

16

Miko Ervin

Sci-E Sci Oceanography
Nov 68

23,00

H. Erwart

Cybernetic Approach to Industrial Operations Control
and Decision Making, by H. Erwart.

GERMAN, per, Elektronische Datenverarbeitung, Vol 10,
No 9, 1968, pp 441-446.

NTC-71-10538-09B

Nov 71

Investigation of the Radiation Spectrum of CO₂
in the Gas Phase, by L. F. Rybachova,
V. N. Ivanov, etc.,
RUSSIAN, per, Izv. Akad. Nauk SSSR, Ser. Fiz.-Mat. Nauk,
1969, No 115, pp 87-89
CIA X 7270

L. F. Rybachova

August 70

VOITSIK, L. and ERZOLIMSKII, B. Defocusing of an ion
beam on the target of a neutron tube.
Yadern. Geofizika. (1):148-51 (1969) (CSIRO/No. 10)

VOITSIK, L. and EROZOLIMSKIĬ, B. Investigation of a
neutron tube ion source.
Yadern. Geofiz. (1):144-7 (1968) (CSIRO/No. 10

Kenichiro Esaki

Planning and Execution of the Mt. Enasan Tunnel, by
Kenichiro Esaki, 17 pp.
JAPANESE, per, Doboku Gakkaishi, Vol 54, 1969,
pp 2-9.
AEC/ORNL-Tr-2525

Nov 71

31

Brazilian Writer Advocates Third-World Approach,
by Harold G. Escardo, 7 pp.
SPANISH, per, Oiga, Lima, 12 Jan 63, pp. 11-13.
JPRS 44,237

Inter-american Affairs
Political
Feb 63

350,047

Harold G. Escardo

English Title Unknown, by Escaig.
FRENCH, per, Journal de Physique, Vol XXVIII,
No 2, 1967, pp 171-187.
*NASA TT F-11,048

Sci
Jun 67

Escaig

109
Origin of the Elastic Limit of Body-Centered
Cubic Metals at Low Temperature, by
B. Escaig.
FRENCH, rpt, 41 pp.
NASA TT F-11,048

B Escaig

Sci-Phys
Sept 67

341,973

Progress in Fishing-Bot Building in Cuba, ³⁶
by Pedro M. Escalona, 7 pp.
SPANISH, per, Mar y Pesca, Dec 1965, pp. 16-20.
JPRS 34447

Pedro M. Escalona.

LA-Cuba
Econ
Mar 66

296,906

English Title Unknown, by Ventura Escario
88 pp. *48 pp.*
SPANISH, mono, Estabilidad de Presas de
Tierray Escollera, 1966.
*CPSTI TT 70-59019

Ventura Escario

May 70

AGENCY: HEM:FDA:PHS; BUREAU OF RADIOLOGICAL HEALTH
P.O. No. BPL-PID-91-73 9520/0099
TITLE: UNTERSUCHUNGEN ZUR ULTRASCHALLAL- 12 March 1973
LABSORPTION IN TIERISCHEN GEWEBEN & KUNSTSTOFFEN
AUTHOR: Von R. Esche

SOURCE :

FF71-74

LANGUAGE: German

Instructions: No Paste up translate captions of diagrams
& key.

77

Oscillographic Measurement of Short Reverberation
Times with Direct Plotting on an Oscillograph
Screen, by Volkmar Esche, 18 pp.
GERMAN, per. Hochfrequenztechnische Elektro-
Akustik, No 75, 6 Nov 1966, pp 20-211.
Dept of Navy ONI tr 2494

Volkmar Esche

Sci-Electronics
Oct 67

310,882

52
Mechanism of Long-Range, Reversible Amplifica-
tion Fluctuations in Photomultipliers, by
N. Harwig, H. Seeths, 8 pp.
GEMMA, per, Academie der Wissenschaften zu
Berlin, Monatsberichte, Vol 7, No 5, 1965,
pp 315-322.
AIR/PTD/HR-23-1128-67

Sci-Electronics
Nov 68

366, 399

W ESCHKE

106
Maintenance of Carbide Dies for Cold Extrusion,
by H. Eschler.
GERMAN, per, Draht, Vol 19, No 8, 1968, pp 575-580.
BISI 6995

Sci-Mat
May 70

H. Eschler

Maintenance of Hard Metal Pressing Tools,
by H. Eschler. FO
GERMAN, per, Draht, Vol 19, No 8, 1968,
pp 575-580.
*BISI 6995

H. Eschler

Sci-Mat
Apr 69

Paul Eschmann

The Performance Ability of Rolling Element Bearings,
by Paul Eschmann, 186 pp.

GERMAN, bk, Zur Frage des Lauferaausches von
Walzlagern, 1964, pp 98-140.

*NAVSHIPS-Tr-1308

Nov 71

Neuropathological Aspects of *Kawinskia* 72
Humboldtiana Intoxication: An Experimental
Study by Escobar Izquierdo, A. et al.
SPANISH, per. Cac. Med. Mex., Vol 92, No 2,
1965, pp 163-177.
REF ID: 10-2-65

A. Escobar Izquierdo

Sci/800
Mar 66

296,275

58

International Health Control Implemented in Cuba,
by Rafael Jacobo Linares, 5 pp.
SPANISH, rpt. Mar y Poesia, Havana, Aug 1968, pp 19-
23.
JPRS 47353

Sci-B and i.
Feb 69

374,686

25
The Andean Group Encouraged by Chile, by
Jorge Escobari Cusicanqui, 5 pp.
SPANISH, per, 28 Apr 1968, p 1.
JPRS 45,595

Jorge Escobari Cusicanqui

LA/Bolivia

Soc

Jul 68

261 128

Seminar probes problems of violence in Guatemala,
by Carmen Escribano de Leon, 12 pp.
SPANISH, np, El Grafico, Guatemala City, 26 Sept
1969, p 7; 27 Sept 1969, p 7; 30 Sept 1969, p 7;
2 Oct 1969, pp 6, 7; 30 Oct 1969, p 7.
J:RS 49204

Carmen Escribano de Leon

LA-Guatemala
Pol
Nov 69

393,913

36
Dialectical process of the Guatemalan problem,
by Carmen Escribano de Leon, 5 pp.
SPANISH, np, *El Grafico*, Guatemala City, 4 Oct
1969, p 7; 5 Oct 1969, p 6; 8 Oct 1969, p 7.
JPRS 49204

Carmen Escribano de Leon

LA-Guatemala

Pol

Nov 69

393,914

58

Bishops' Contribution to Reform Praised, by
Teofilo Escribano, 5 pp.
SPANISH, np, El Tiempo, Bogota, 22 Sept 1968,
pp 5, 16.
JPRS 46,746

Teofilo Escribano

LA/Colombia
Religion
Nov 68

Velocity of First Sound in No. 2. No. 4 Solutions 108
 by B. N. Esel'son, N. E. Sypala, E. Ya.
 Radovskiy, E. A. Goshin, 5 pp.
 JOURNAL, for, Physical Properties of
 Translucent Polymers, Vol. 11, No. 6, 1966,
 p. 1001-1006
 AEC ANL Trans-174

B. N. Esel'son

387,058

Sci - Nuclear Science
Jun 67

Interaction of Unloading and Shock
waves, by N. I. Buravtsev, N. A. Esenina,
2 pp.
Kosmos, for, Vest Leningrad Univ, No 15,
1966, pp 52-63.
Lit/TOL X-5988

N. A. Esenina

Sci - Phys
Doc ID:
FOR OFFICIAL USE ONLY

312,896

A. ESENOV

Settlement of Cases in Uzbekistan Discussed,
by A. Esenov, 8 pp.

RUSSIAN, per: Stroitel'stvo i Arkhitektura
Uzbekistan, Tashkent, No 12, 1973, pp 32-35.
JPRS 58522

Mar 73

The Question of Territorial Zoning in Central Asia, by A. Esenov, 6 pp. 33
RUSSIAN, per, Arkhitektura SSSR, No 3, 1966,
pp. 57-59.
JPRS 36901

Esenov, A.

USSR
Econ
Sept 66

399,958

Congress of the Communist Party of Turk-
menistan, by N. Novikov and R. Esenov,
6 pp.
KODOLAN, no. 12, 27 Feb 1966, p. 2.
JPRS 36920

//

R. Esenov.

USSR
Pol
Apr 66

299,045

22

Research and Development Activity in Terms of
Expenses, by Mosheh Eshel, 8 pp.
HEBREW, np, Haaretz, 14 Sept 1966, p. 25.
JPRS 38317

Mosheh Eshel

ISRAEL
Econ
Nov 66

313,662

Yosef Eshkol

The IDF as It Will Look in the Future, by
Yosef Eshkol, 6 pp.
HEBREW, np, Banzahneh, Tel Aviv, 3 May 72,
pp 10, 11.
JPRS 56261

Jun 72

41
Abba Eban Discusses Israel's Foreign Policy. by
Yitzhak Livni, Yosef Eshkol, 10 pp.
ENGLISH, per. 1969, Jerusalem, 27 June 1969,
pp 4-5.
JPRS 48503

YOSEF ESHKOL

Abba Eban
101
Aug 69

388,216

16
Interview with Commander Gvish on Israeli-Arab
Conflict, by Yosef Eshkol, 10 pp.
HARAV, no, HARAV, 12 Sept 1967, pp 16 & 17.
JMS 12949

Eshkol, Yosef

MI-Israel
MI
Nov 67

344,062

Modification in the Classical Hull Cell, by 121
I. Esih,
GERMAN, per. Metalloberfläche, Vol 20, No 8,
1966, pp 352-355.
*NASA TT-F-10,831

I. Esih

Sci/ Mech, Indust, Civil
& Marine Engr.
Mar 67

Suggested modification in the Hall Shell,
by I. Esik.

UNSWAN, per, metallobarriane, Vol XX,
no 8, 1960, pp 352-355.

NSA TT 1-10,831

I. Esik

Sci - Phys

May 67

CONFIDENTIAL USE ONLY

524,178

66

Electrical Field Measurements at Sea,
by F.I. Eskin, 5 pp.
RUSSIAN, per, Vestnik Leningradskogo Uni-
versiteta, No. 18, Leningrad 1967.
pp. 169-170.
JPRS 45,051

F. I. Eskin

Sci-Earth Sci. and Oceanography
April 68 355,586

64
The Eleventh Soviet Antarctic Expedition, by
L. I. Eskin. 6 pp.
RUSSIAN, per, Information Bulletin of the
Soviet Antarctic Expedition, No 58, 1966,
pp 71-76. PS00063168
Dept of Navy NIC tr 2559

Sci/Earth Sci
May 68

L. I. Eskin

345,056

**A Boundary Value Problem for an Overdetermined
System of two Second-Order Equations, by M. I.**

M. I. Eskin,

**RUSSIAN, per. Dok. Ak. Nauk SSSR, Vol 189, No 3,
1969, pp 491-494.**

AMS

Vol 187, No 6, 1969

M. I. Eskin

May 70

Temperature Coefficient of Partial Specific
Volume and Conformation of Polymeric Molecules,
by V. E. Eskin, I. H. Serdyuk.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 179,
No 6, 1968, pp 1396-1399.
CB

V. E. ESKIN

Dec 68

371,212

66

Light Scattering Study of Conformation Changes
of DNA Molecules in the Process of Heat
Denaturation, by O.Z. Korotkina and V. Ye.
Eskin, 14 pp.
RUSSIAN, journal, Biofizika, Vol 12, No. 3,
Moscow 1967, pp. 377-385.
JPRS 44,129

V. Ye. Eskin

Sci-Bio. and Med.Sci.
Jan 68

348,059

Finnish CP on Control of Political Disputes,
by Antti Eskola, 7 pp.
FINNISH, mp, Kansan Uutiset, 29 Jul 1965, pp.
3 and 7.
JPRS 31373

16

EE-Finland
Pol
Sept 65

236,083

E. K. ES'KOV

**Modification of Acoustic Distance Signal By Bees
in Response to Noise, by E. K. Es'kov.**

**RUSSIAN, per, Dok Ak Nauk SSSR, Biophys., Vol 202,
No 1, Jan 1972, pp 211-213.**

CS

Feb 73

The Reaction of Pions With Nucleons in the Range
of Accelerator Energies, by A. Eskrovs. 116
POLISH, per. Postępy Fizyki, Vol 16, No 3, 1965.
pp 257-278. 523267
ABC ONNL-tr-1151

A. Eskrovs

Sci/Nuclear Sci
Jun 66

302,485

The Degree of Technical Advancement in China in 1968,
by Jean Esmein, 13 pp.

GOVERNMENT USE ONLY

FRENCH, per, Revue De Defense Nationale, May 1969,
pp 849-860.

ARM/FSTC-HT-23-452-70

Esmein, Jean

WE/Soc
Apr 70

406,751

Several Relationships Between Stalin and
Soviet Propaganda of the East, by G.
Espanion, G. Espanion.
CIVIL, part, CHRONICLE, Vol 16, No 3, 1966,
pp 188-187.
Class Name or No

G. Espanion

386,941

Col - Materials
May 67

39
Metaphysical Aspects of Houiti Cult Examined,
by Paul-Louis Esparre, 7 pp.
FRANCE, per, Congo-Afrique, Geneva, vol 7, no 1,
1968, pp 53-57.
JRS 46465

Ai-Gabon

Doc

Oct 68

367.407

Paul-Louis Esparre

~~7-3~~
124
On the Problems of Vacuum Technology in the
Preparation of Thin Films, by W. Espe, 17 pp.
CZECH, per, Jesna Mechanika a Optika, No 10,
1965, pp 305-310. P100221468-V
FTD-HT-67-209

W Espe
Sci/Phys
Sept 68

366,621

A Reliable Vacuum-Tight Soldered Ceramic-
Metal Seal, by N. Espe. *JS*
CZECH, per, Slaboproudy Obzor, Vol 27,
No 10, 1966, pp 630-640.
ACSI J-3891
FSTC-HT-23-195-68

Sci-Mech
Mar 69

375,434

Materials for Separable Ultra-high Vacuum
Joints, by W. Espe,
CZECH, per, Siloproudy Ubor, No 6, 1965,
pp 335-342.
GCSI I-8728
ID 2204058665

Espe, W.

Sci - W/2
Jan 66

294,261

Synthetic Zeolite and its Usage in High
Vacuum Technique, by W. Espe.
GERMAN, per, Experimentelle Technik der
Physik, Vol XII, No 5, 1965, pp 293-308.
ACSI 1-7389
ID 7204041205

78
87

Espe, W.

Sci - na,
Jan 66

294,235'

77
On the Problems of Vacuum Engineering in the
Preparation of Thin Films, by W. Espe, 24 pp.
CZBOS, por, Jerna Mehanika a Optika, No 11,
1965, pp 341-348.
AIH/NTB/AF-67-211.

Sci-Phys
No. 68

353,675

W Espe

95

Sintering Behaviour and Radial Compressive
Strength of Fe-Sn and Fe-Cu-Sn Sintered Com-
pacts, by F. Esper, Ed. Friess.
GERMAN, rpt. 2nd European Symposium on Powder
Metallurgy, Stuttgart, 1968.
*BISI 6599

Sci-Met
Sep 68

F. Esper

Esperat

Weaknesses of Malagasy Press Assessed,
by Esperat, 5 pp.
FRENCH, np, Lumiere, Fianarantsoa, 18 Feb 73,
p 4.
JPRS 58460

Apr 73

21

Survey of African Trade Unionism, by Gerald
Esperet, 13 pp.
FRENCH, per, Afrique Contemporaine, Vol 5.
No 26, Jul/Aug 1966, pp. 22-23.
JPRS 38352

Gerald Esperet

Africa
Icon
Nov 66

313,807

Nov 59 II: Rectifier Locomotives E 51 for the German
National Railways, by J. Gost, H. Kappig,
J. Degenkolbe, E. Lianert, H. Weber, H. Brechler,
H. Kruger and H. Scholz, 64 pp.
GERMANY, per, Deutsche Eisenbahn Technik, March 1966,
pp 99-107, 108-111, 112-114, 115-118, 135-137,
138-142, 149-156
DIA LR 370-67 R

West Germany
Dec
Nov 67

34185

21

Woman's Role in Country's Economic Develop-
ment, by Vilma Espin, 5 pp.
SPANISH, par. Yarda Oliva, Havana, 15 Sept
1968, pp 11-13.
JPRS 46,875

VILMA ESPIN

LA/Cuba
Econ
Dec 68

35A,566

Viewpoints of Latin American Countries on
Inter-American Army, by Rodney y Espinel,

7 pp.

GOVERNMENT USE ONLY

SPANISH, np, Caretas, 10-22 Nov 1965,

pp. 22-23, 62.

JPRS GDU 992

LA-Peru

Pol

Jan 66

294,991

102

Application of Flat Rolled Products of SAE
1006, 1008 and 1010 Qualities in the Manu-
facture of Electric Motors, by A. H. Espinosa
de Luna.

SPANISH, rpt, Congreso Nacional de la Industria
Siderurgica; 1965, 25-28 Apr 1966, pp. 487-
490.

•BISI 5729

A. H. Espinosa de Luna

Sci-Mechanical

Aug 67

~~SECRET~~

Gustavo Espinoza
May Day Speech by Gustavo Espinoza of COTP, 6 pp.
SPANISH, np, Unidad, Lima, 4 May 1972, p 6.
JPRS 56102

June 72