

*Relay Control Problem*

Relay Control Problem for Vertical Rocket  
Climb, by V. Ya. Galkin.  
RUSSIAN, per, Vychislitelnyye Metody i Pro-  
gramirovaniye, No 12, 1969, pp 101-109.  
NTC-70-13084-16B

*Cliff - 7204*

Feb 72

On Computing the Control Function for  
Maximum Climb of a Sounding Rocket, by  
V. Ya. Galkin.

RUSSIAN, per, Vychislitelnyye Metody i Pro-  
gramirovaniye, No 12, 1969, pp 87-100.  
NTC-70-13085-16B

① I.F.-7-7201

Feb 72

7  
Status of Book Dissemination Among Troops, by  
Ye. Galkin, 6 pp.  
RUSSIAN, per. Kommunist Voerushennykh SIL, Moscow, No 22, Nov 1968, pp 32-35.  
JPRS 47302

*Ye. Galkin*

USSR  
M1  
Mar 69

374,712

Permissible Values of Distortion in Cinematographic Systems, by Yu. B. Galkin, S. M. Kozlovskiy, et al. RUSSIAN, per. Tekhnika Kino i Televideniya, No 9, 1967, pp 29-32. AIR/FTD/MT-24-370-69

*Yu. B. Galkin*

Sci-Misc  
June 70

*Yu. Galbin*

for Personal Handling and Coverup (Exposure), by  
Yu. Galbin, 6 pp.  
USSR, np. *Pravda* (Moscow), 15  
1971, p 2.  
JFK 55022

Jan 72

168  
Engineers Complain of Excess Paper Work, by  
Yu. Galkin, 5 pp.  
RUSSIAN, np, Krasnaya Zvezda, Moscow, 25 Apr  
1969, p 2.  
JPRS 48371

USSR  
MI  
Jul 69

*Yu. Galkin*

366,239

The Effect of Brief Exposures to Fresh Water on the  
of a Marine Mollusk During the First Hours after  
Fertilization, by L. A. Galkina.

RUSSIAN, per, Dokl. Akad. Nauk SSSR, Biol. Ser., Vol. 1971, No. 6,  
April, 1970, pp 1400-1403.

GB

*L. A. Galkina*

Dec 70

Method of Determining the Number of  
Myomeres in Herring Larvae and the  
Change of Their Number During Development,  
by L. A. Galkina  
RUSSIAN, per, Dok Ak Bank SSSR, Biol Sci.,  
Vol 184, No 3, Jan 1969, pp 723-726.  
CB

L. A. GALKINA

Oct 70



Survival of Herring Eggs and Larvae on the  
White Sea Spawning Grounds During a Period  
of Massive Spawning, by L. A. Galkina.

RUSSIAN, per, Voprosy Ichtiologii, Vol 8,  
No 4(51), 1968, pp 679-688.

Dept of Inter

BCF/OWP

A-33/Nov 69/50

On Loan Only

*L. A. Galkina*

Sci-DM

Jan 70

400,356

34  
Electrical Resistance of Nickel-Copper Alloys  
(30-55% Cu) and Its Changes in a Magnetic Field  
at Low Temperatures, by O. S. Galkina.

RUSSIAN, per. Moscow, Universitet, Vestnik, Seriya  
3, Fizika, Astronomiya, Vol 21, No 5, 1966,  
pp 123-125.

\*FTD-HI-23-306-68

Sci-Hat  
May 68

*O. S. Galkina*

GALKINA, I. L. TAL      RU

RECORDING THE STRUCTURE OF LASER RADIATION AT  
THE 10.6 M WAVELENGTH BY MEANS OF A

ZHUR. NAUCH. I PRIKLAD. FOTO. I KINEMAT., VOL  
17, MAR-APR 72, P 107-110

FSTC-HT-23-0099-73

*12.01.71*

Determination of the Boundary of High Frequency Wave  
Absorption Between the Electron Cyclotron and the  
Low Hybrid Frequency, by B. V. Galkinov, 7 pp.  
RUSSIAN, rpt, Akad Nauk SSSR Leningrad, Fizio-Tekh  
Institute FTI-295.  
AEC-Tr-7270

Nov 71

10

Sovromorok: Food Service Facility Condemned, by  
P. Galkov, 5 pp.  
RUSSIAN, np. Grachaya Zvezda, Moscow, 24 June  
1969, p 4.  
JPRS 48459

P. GALKOV

USSR.  
M11  
Aug 69

308,128

GALL J

GE

MAINTENANCE OF ARTILLERY AND A-A WEAPONS IS P  
ORDERED

MILITAERTECHNIK 1972 NO 5 PP 221-223

FSTC-HT-23-1143-73

ion-optical system with strong focussing for an ultraviolet  
spectrometer ion-source. 2. The formation of  
ribbon beams, by L.N. Gall.

RUSSIAN, per, Zh Tekh Fiz, Vol 38, No 6, 1968,  
pp 1048-1051.

ALL Ref 9091.9F (CA TRANS 198)

NLL Ref 9091.9F (4834)

*L.N. Gall*

Sci-Phys  
July 69

365-411

Background of Antiguerrilla Terrorism  
by Normal Hall, 13 pp.  
SPANISH, per, Avila, Santiago, Chile, 12-13 July  
1971, pp 25-30.  
JRS 53042

Normal Hall

July 71



38  
The Agricultural Practices of the Dogon  
Peasant of Mali, by Jean Gallais, 20 pp.  
FRENCH, per, Les Cahiers d'Outre-Mer, Vol  
X, No 70, Apr-Jun 1965, pp. 123-143.  
JPBS 35759

*JEAN Gallais*

Africa  
Econ  
Jun 66

302, 1139

The Classical Conflict of Tanks Versus Missiles,  
by R. Y. L. Gallais, 9 pp.  
DUTCH, per, De Militaire Spectator, No 6, 1969,  
pp 276-279.  
ARM/FSTC/INT-23-574-70

R Y L GALLAIS

WS/MI1  
June 70

Corrosion Under Tension and Fragilization by Hydrogen  
in Relation With Deferred Tupture, by J. Galland.

FRENCH, par, Mecanique, 1969, pp 13-18.

\*NTIS/NBS IT 71-55319

Available NBS Only

J. GALLAND

July 71

On the Introduction of Hydrogen into Fe, by  
J. Galland.

FRENCH, per, C. R. Acad Sci., Vol 263, 1966, pp 571-574.

\*NBS TT 71-55246

Available NBS Only

J. GALLAND

June 71

Behavior of Mild Steel in Constraint in the Presence  
of Hydrogen, by J. Galland.  
FRENCH, per, C. R. Acad Sci., Vol 268, 1969, pp 27-32.  
\*NBS TT 71-55247  
Available NBS Only

J. GALLAND

June 71

Influence of Electrolytic and Geometrical Parameters on  
the Absorption of Cathodic Hydrogen by Iron and Steels,  
by J. Galland.

FRENCH, rpt, Colloque Sur L'Hydrogene Dans Les Metaux-  
Vladnc, Sept 1967, pp 189-199.

\*NBS TT 71-55248

Available NBS Only

*J. GALLAND*

June 71

Influence of the Electrolytic Charging Conditions of  
Hydrogen on the Macroscopic Deterioration of Fe and  
Steels, by J. Galland.

FRENCH, per, Man Sci Rev Mat., Vol 63, 1966,  
pp 1017-1024.

\*NBS TT 71-55249

Available NBS Only

J. GALLAND

June 71

*M. L. Gallaay*

*The flight of aircraft with partial and de-magnetized  
thrust, by M. L. Gallaay. 192 pp.*

*RUSSIAN, bk. Polat samolata a nepolnoy i nepolnoy  
roy troyou, 1970.*

*NASA TT F 734*

*apr 72*



The Question of Criteria of Activity of  
a Human Operator, by H. L. Galloway.  
RUSSIAN, per, Problemy Inzh Psikhologii,  
No 2, 1965, pp 78-83.  
AIR/FTD/WT-24-228-67

*m. L. Galloway*

Sci-Beh & Soc Sci  
Apr 69

380,483

37  
Applying the Rhodamine B Method in the Spectro-  
photometric Determination of Traces of Antimony  
in Steels, by C. Gallazzi.

ITALIAN, per, Met. Ital., No 8, 1966, pp 311-  
316.

BISI 5343

Sci-Materials  
Dec 67

196, 390

*C. Gallazzi*

GALLE, P. Point chemical analysis of intracellular inclusions  
by X-ray spectrography.  
Thesis. Faculty of Sciences, Univ. Paris (1965)  
(CSIRO/No. 10214)

*Galle, P*

GALLE, P.    New method of analysing mineral incrustation  
of the kidney.  
Actual.Néphrol.Hopital Necker :193-206 (1965)  
(CSIRO/No. 10194)

71  
Renal Lesion in Clinical and Experimental  
Lead Poisoning, by P. Galle.  
FRENCH, par, Neurolog, Vol 2, 1965,  
pp 273-286.  
\*Dept of Navy/NSA

P. Galle

Sci-884  
Oct 66

724  
Physiological Studies on Coriolis Acceleration,  
by V. P. Seranova, R. R. Galle, 8 pp.  
RUSSIAN, pos. Aviakosmicheskaya Meditsina.  
Moscow, No 1, 1967. PP 43-50.  
JPRS 46,751

R. R. Galle

Sci/844  
Nov 68

370,174

6  
Chamber of Commerce President Discusses Economy,  
by Charles-Henri Gallenue, 7 pp.  
FRANCE, par, Afrique Nouvelle, 4-10 Apr 1968,  
pp 8-9.  
JPRS 45,571

*Charles-Henri Gallenue*

Af/Senegal  
Econ  
Jul 68

61,111

25

relations Between the private sector and  
the Government, by Henry-Charles  
Gallena, 10 pp.

FRENCH, per. Le Moniteur Africain,  
Dakar, No. 328, 11 Jan 68, pp. 23-24.  
JPRS 44,551

Africa (Senegal);

Economic

March 68

351,602



Progress and Trends of Plastic Materials for  
Packaging, by N. Galletti.  
ITALIAN, per. Industria, No 137, July 1967,  
pages 39-45.  
ACSI J-3408  
ID 2204044267

*N. Galletti*

Sci/Materials  
January 1968

341,692

77  
Progress and Trends of Plastic Materials in  
Packaging, by N. Galletti.  
ITALIAN, per, Industria, No 137, July 1967,  
pp 39-45.  
\*ACSI 3-3408  
ID 220404267

*N Galletti*

Sci-Mech  
Oct 67

342,544

Anti-Communist Socialist Comment on Catholicism  
and Crisis of Italian CP, by Giorgio Galli,  
6 pp.  
ITALIAN, per, Corrispondenza Socialista, No. 8-9,  
Aug-Sept 1966, pp. 413-415.  
JPRS 33913

GIORGIO GALLI

EE-Italy  
Pol  
Dec 66

15,000

Socialist Unification and the Situation of  
Italian CP Analyzed by Social Democratic  
Review, by Giorgio Galli, 2 pp.  
ITALIAN, per, Corrispondenza Socialista, Vol.  
6, No 11, Nov 1965, pp. 543-547.  
JPRS 33332

P18

GIORGIO GALLI

WE-Italy  
Pol  
Jun 66

295,149

Riccardo Galli

The Electric Battery in Its Infancy, by  
Riccardo Galli, 13 pp.

ITALIAN, rpt, Le Pile Elettriche in Fase Di  
Gestazione, March 1971, pp 28-33.

ACSI K-0466

FSTC-IT-23-1/40-71

Oct 72

The Communists and Their Part in the Future  
Tunisian Society, by Loris Gallico, 5 pp.

ITALIAN, np, L'Unita, 9 Sep 64, p 11.

JPRS 286683

Africa-Tunisia

Pol

Jan 65

271,205

Variational Kantorovich, Ritz Method for  
Numerical Solutions of Some Three Dimensional  
Neutronical Diffusion Problems, by I. Calligani.  
FRENCH, rpt.  
AEC/Windscale Tr 204  
On Loan Only

Sci  
Jul 65

Toxicity of Trichloroethylene,  
by R. Oriani, R. Gallina.  
ITALIAN, per, Medicina del Lavoro, Vol. 47,  
1956, pp 240-252.  
RLA TT-66-10070

R. Gallina

Sci-234  
June 66

303,880



472  
Experimental Lung Transplantation. Immunosuppressive Therapy, by R. Galligani.  
ITALIAN, per, Minerva Med., Vol 60, 1969, pp 908-917.  
\*NBS/1436

*R. Galligani*

Sci/BGM  
Feb 70

400,214

Fluctuations of the Cross Sections of the  
Reactions  $^{25}\text{Mg}(p,p)^{25}\text{Mg}$  and  $^{24}\text{Mg}(d,p)^{24}\text{Mg}$   
by A. Gallmann, P. Wagner and P. H. Hölzl,  
Zf. N.  
GERMAN, new, Nuclear Physics, Vol 88, 1966,  
pp 675-688.      F911128107  
AEC LA-28-67-2

A. Gallmann

304, 336

Sci - Physics  
Apr 67

32  
Fatigue in sintered [Powder] materials, by A.  
Gallo and F. Utali.  
ITALIAN, per, Metallurgia Italiana, Vol 59, No  
7, 1967, pp 533-540.  
EB 7281

Sci-Int  
Apr 68

352,210

*A. Gallo*

The Revolutionary Armed Forces and the Cuban  
School, by Gaspar Jorge Garcia Galla, 9 pp.  
SPANISH, np, Verde Olivo, 21 Nov 1965, pp.  
4-7.  
JPRS 33833

IA-Cuba  
M11  
Jan 66

295,021

The Revolutionary Armed Forces and the Cuban  
School, by Gaspar Jorge Garcia Gallo, 7 pp.  
SPANISH, par, Verde Olive, No 46, 21 Nov 1965,  
pp. 4-7.  
JPRS 33466

Gaspar Jorge Garcia Gallo

LA-Cuba  
M11  
Jan 66

293,615

320  
Education Minister Discusses School Shortage,  
by Jeannette Gallo, 5 pp.  
SPANISH, np, El Siglo, Santiago, 12 Jan 1969,  
p 3.  
JPRS 47,423

*Jeannette Gallo*

LA-Chile  
Edac  
Feb 69

375,788

Tests With Self-Lubricating "Bafion" Supports.  
(For Use on Reactor Rotating Plugs), by S. Gallo,  
28 pp.  
FRENCH, per, Centre d'Etudes Nucleaires,  
rpt PER/SEPR/65,024, 29 Jul 1965.  
AEC EURPAR-21P

S. Gallo

328,833

Sci - Materials  
Jun 67

Production of Refractory Alloys and Powders,  
Fibres and Sintered Billets by Thermo-  
chemical Means, by P. Galmiche,  
FRENCH, 6th Plansee Seminar on Refractory  
Metals, June 24-28, 1968.  
BISI 8433

Sci/Mat  
Sep 70

*P. Galmiche*



Experiments With Self-Lubricating  
Supports Made out of Teflon (for  
use on the Rotating Plugs of  
Reactors), by S. Gallo.

SOURCE, rpt, Essais de Supports Autolubrifiants  
en Teflon ( en Vue de L'utilisation sur les  
bouchons tournants de reacteurs): Assoc  
EURATOM - CEA. PNR/SEPR-65.024.  
Cadarache, July 29, 1965, 21+pp.

\*AEC

EDC Feb 22, 1966

S.Gallo

Sci-  
Feb 66

J. GALLOT

The Aeroelastic Effects of the Flight Quality of a  
Rotor Rigide (Stationary Motor), by J. Gallot, 14 pp.  
FRENCH, rpt, Effets Aeroelastiques Sur Les Qualites  
De Vol D'un Rotor Rigide, pp 1-7.  
ACSI K-0530  
FSTC-HT-23-1536-71

Oct 71

J. Gallot

Aeroelastic Effects on the Flight Properties of a  
Rigid Rotor, by J. Gallot, 7 pp.

GOVERNMENT USE ONLY

FRENCH, rpt, Effets Aeroelastiques sur les Qualites  
de Vol d'un Rotor Rigide.

ARM/PSTC/RT-23-193-72

May 72

Multiradar: A Composite Radar Computer System for  
Automatic Air Control, by D. Gallrein,  
W. Gruenewald. 18 pp.  
GOVERNMENT USE ONLY  
QSR44N, per, Elektron. Datenverarbeitung, No 5,  
1968, pp 213-220.  
NASA TT F 12,711

D. Gallrein  
sci/navigation  
may 70

Action Must Follow Ideological and Political  
Development Says Italian CP, by Carlo  
Callussi, 5 pp.  
ITALIAN, per, Rinascita, No 46, 20 May 1965,  
pp. 5-6.  
JPRS 33376

P18

Carlo Calluzzi

WE-Italy  
Pol  
Jan 66

295,145

*U. S. Summary*

Normal Depth of a Stream in the Flow of Normal  
Depth of a Stream in the Flow of Gas-Liquid Mix-  
tures in Descending Parts of a Line, by  
A. K. Gallymov and V. L. Goldberg.  
RUSSIAN, per, Izvestiya Vsesoyuznogo Nauchno-  
issledovatskogo Instituta Khimicheskoy Mekhaniki  
Naft i Gaz, No 11, 1968, pp 67-70.  
NTC 71-13659-20D

Feb 72

33  
Production of Refractory Alloys in Powdered Form  
and Sintered Billets by Thermo-Chemical Means,  
by Ph. Galmiche,  
FRENCH, per. Sixth Sem of Classes on Refractory  
Met, June 24-26, 1950.  
48181 8433

Sci/Met  
Aug 70

*Ph. Galmiche*

Plastics in Trade and Public Food Service Enterprises,  
by G. S. Galambing, V. I. Khromov, 22 pp.  
RUSSIAN, M., *Plastmassy v Proizvodstvenno-Torgovom i  
Obshchestvenno-Pitatel'nom Sluzhbenom Sluzhenii*  
ACSI I-5989  
ID Z30453944

USSR  
Econ  
Jan 66

274,007



Israel Exports Chemical Industry Know-how,  
by Aryeh Galon, 5 pp.  
HEBREW, np. Haaretz, Tel Aviv, 22 Sept 1968,  
p 28.  
JPRS 46,878

ARYEH GALON

HE/Israel  
Econ  
Dec 68

354,592

Nonlinear Heat Conduction Problem of a Plane-parallel Wall With a Temperature-Dependent Source, by L. M. Galonen. 117

RUSSIAN, per, Inzh. Fiz. Zh., Vol 7, No 3, 1964, pp 124-127.

\*AEC

*L. M. GALONEN*

Sci/Physics  
Jan 67

Developmental Problems of the Petroleum  
Can Industry, by P. Galonsky, 14 pp.  
HESIAN, par, Ekonomika SSSR, No 2,  
Feb 1965, pp. 1-10.  
JPRS 30968

USSR  
Econ  
Jun 65

(11, 33)

Third-Year Prospects of the Petroleum and  
Gas Five-Year Plan, by P. Galonskiy, 11 pp.  
RUSSIAN, per, Neftyanik, Moscow, No. 2,  
1968, pp. 2-5.  
JPRS 45,109

*P. Galonskiy*

USSR  
Economic  
April 68

15,710

*P. P. Galonskiy*  
Achievements, Goals of Oil Industry Outlined,  
by P. P. Galonskiy, 9 pp.  
RUSSIAN, per. Neftyanik, Moscow, No 2, 1972,  
pp 1-3.  
JPRS 55575

Apr 72

107  
Fundamental Theoretical and Practical Concepts  
for the Microscopic Study of Quartz Minerals,  
by R. Galopin.  
Internat. Ser. Archiv Sci., Geneva, Vol 19, No 2,  
1966, pp. 141-178.  
CAL/0 310

R. Galopin

sci-earth sci  
Jul 69

390,185

Progress in Oil and Gas Industry Reviewed,  
by P. Galonskiy, 11 pp.  
RUSSIAN, per, Neftyanik, Moscow, No 1,  
1969, pp 1-4.  
JPRS 47742

P. GALONSKIY

USSR  
Econ  
Apr 69

378,425

57  
Status of Soviet Semiconductor Studies, by H.  
Galow, 6 pp.  
GERMAN, per, Radio und Fernsehen, Vol. 15, No.  
13, Sept 1966, pp. 551-552.  
JPRS 39196

*M. Galow*

EE-Germany  
Sci-Electronics  
Jan 67

317,010



A. A. GALOYAN

Isolation of Coronary Dilating  
Hormones From Neurosecretory Granules,  
by A. A. Galoyan.  
RUSSIAN, per, ~~Dok Ak Nauk SSSR, 1971~~  
Vol 201, No 2, November 1971,  
pp 483-485  
CB

June 72

A. M. Galper

~~A. K. Ponomov.~~

*Elementary particles and cosmic rays: Collection of  
articles, No 2, by A. M. Galper, A. K. Ponomov. 202 pp.  
RUSSIAN, bk, Elementarnyye Chastitsy i Kosmicheskyye  
Luchi: Sbornik Statey, Vypusk 2, 1960.*

NASA TT F 658

NASA TT F

may 72

Methods of Controlling the Tightening of Turbine  
Bolts on Turbines, by A. U. Bugov, M. I. Gull'perin,  
8pp  
RUSSIAN, see, ~~XXXXXXXXXXXXXXXXXXXX~~ Vol. 4,  
1960, No 11, pp 15-19  
OS 78-62-2455

*M. I. Gal'perin*

Sci - Tech, Rept 1 and  
Accessory Equip  
June 67

SECRET

Daily Influx of Total Solar Radiation With Different  
Types of Cloud, by B.M. Gal'Perin.  
RUSSIAN, per, Tr. Gl. Geofiz. Observ., No. 125, 1962,  
pp 62-75.  
MLL/5828.4 1963 (5438)

*B M GAL'PERIN*

Sci -  
July 1967

334-696

The Catalytic Oxidation and Oxidative  
Aerolysis of Propylene on Bismuth Ternary  
States, by I. K. Molodin, E. L. Galperin.  
RUSSIAN, per, Khimiya, Vol 5, No 1,  
1965, pp 111-117.  
SIA TT-66-10651

*E. L. Galperin*

Sci-Chem  
Jul 66

375,366

Oxidative Ammonolysis of Propylene on  
Modified Bismuth Molybdates, by I. K.  
Kolehin, E. L. Galperin, L. M. Margolis.  
RUSSIAN, per, ~~Reflektsiya~~ Vol 5,  
1965, pp 573-6. E. L. Galperin  
ATB-52889R

Sci - Chem  
Jul 67

~~331, 466~~  
331, 466

The Pentagon Against Africa, by G. Galperin,  
7 pp.  
RUSSIAN, per. Azim i Afrika Sotsializm. ~~Magazine~~  
No 5, May 1971, pp 20-23.  
JPRS 53267

June 71

*G. Galperin*

Operation of a New Type of Warehouse,  
by G. Gal'perin, 4 pp. FOR OFFICIAL USE  
RUSSIAN, per, Morskoy Flot. No 1,  
January 1966 pp 16-17.  
DIA LM 189-66

*G. Gal'perin*

Sci-M/M  
Jan 66

302,111