

A Study of the Effect of Resonator Detuning on
the Output Energy of a Ruby Laser as a Function
of the Orientation of the Optical Axis, by

K. I. Krylov, S. P. Sharley. 5 pp.

RUSSIAN, per, Izvestiya Vysshikh Uchebnykh
Zavedeniy. Priborostroyeniye, Vol 10, No 11,
1967, pp 89-92.

AIR/FTD/A9-24-211-68

sci/physics

feb 69

375,647

Problems of Investigation of Composite Gyromotors

Accelerated by Solid-Propellant Boosters, by

Yu. M. Kravchenko, 10 pp.

RUSSIAN, per, IVUZ Priborostroyeniye, Vol 10, No 12,
1967, pp 57-62.

ACSI J-7827

FSTC/INT-23-460-70

Sci/Mech

Apr 70

404,834

Effect of Axial Loading on the Magnitude
of Vibration Generated by Ball Bearings,
by I. A. Baranov.
RUSSIAN, per, Izv VUZ Priborostroyeniye,
Vol 10, No 12, 1967, pp 63-65.
AIR/FTD/MT-23-1011-68

Sci-Mech
Apr 69

379,567

On the Effect of Mechanical Actions on the
Magnetic Properties of Tape Wound Cores, by
A. A. Preobrazhenskiy, M. N. Shipchinskaya.
RUSSIAN, per, Izvestiya VUZ Priborostroy-
eniye, Vol 10, No 12, 1967, pp 88-90.
FTD-S-454 146-69

Mar 69

378,079

Investigation of the Effect of Microscopic
Surface Irregularities on the Forces of
Friction, by A. N. Kravtsov. 9 PP.
RUSSIAN, per, Izv VUZ Priborostroyeniye,
No 1, 1968, pp 121-127.
AIR/FTD/MT-24-473-68

Sci-Materials
Nov 69

396,732

Two-cycle Shift Register, by L. K. Sanoilov.
RUSSIAN, per, Izvestiya VUZ. Priborostroyeniye,
Vol 11, No 2, 1968, pp 60-64.
FTD HT Special67-70

mar 70

404,488

Integral Diode Assembly for Memory Devices,
by A. M. Skvortsov, M. N. Kaydanovskaya.
RUSSIAN, per, Izvestiya VUZ, Priborostroy-
eniya, No 2, 1968, pp 70-75.
FTD-S-269-207-68

267-68

Jan 69

374,178

Accelerometer Error Due to the Cross Effect of the
Sensitivity Axis, by E. G. Morozov.
RUSSIAN, per, Izvestiya Vysshikh Uchebnykh Zavedeniy.
Priborostroyeniye, Vol 11 No 2, 1968, pp 86-90.
FTD-S-282 1256 1000 2

Jan 69

573,557

Perturbing Moments of a Gyroscopic Instrument
Ball Bearing With Three Faces During Vibration,
by V. A. Matveyev. 8 pp.
RUSSIAN, per, Izvestiya VUZ. Priborostroyeniye,
Vol 11, No 2, 1968, pp 91-96.
FTD S-666 307-68
301-68

july 69

384,236

Variations in the Moment of Friction Forces in
Bearings as a Function of the Run-In Time, by
I.A. Baranov and S.A. Kondratyuk.
RUSSIAN, per, Izvestiya Vysshikh Uchebnykh Zavedeniy.
Priborostroyeniye, Vol 11, No 2, 1968, pp 127-130.
FTD-S-228 275-68

Jan 69

373,547

Application of Electronic Digital Computers in
Optical Computations, by S. A. Redinov.
RUSSIAN, per, Izvestiya Vysshikh Uchebnykh Zavedeniy
Priborostroyeniye, Vol 11, No 3, 1968, pp 103-108.
FTD-S-231 295 65

Jan 69

373,556

Selecting Basic Parameters of a Sumner Made from
Piezoceramic, by R. G. Dzhagapov, G. S. Vayman.
RUSSIAN, per, Izvestiya VUZ. Priborostroyeniye,
Vol 11, No 4, 1968, pp 69-72.

~~REF~~

FTD HT Special 4-70

feb 70

401,001

Errors of a Two-Stage Integrating Gyroscope,
Caused by Dynamic Unbalancing of the Rotor, by
L. I. Kargu. 5 pp.
RUSSIAN, per, Izvestiya VUZ. Priborostroyeniye,
Vol 11, No 4, 1968, pp 93-97.
AIR PID S-~~748~~ 334-69

334-69

july 69

387,335

Investigation of the Probability Distribution
Function of Radial Errors in a Plane, by
D. N. Davydov, 8 pp.
RUSSIAN, per. Izvestiya VUZ. Priborostroyeniye.
Moscow, No 4, 1968, pp 98-103.
JPRS 51241

Sci-Aero
Sept 70

Measuring Acceleration Inpluses, by
L. D. Gik.
RUSSIAN, per, Izv VUZ Prib, Vol 11, No 5,
1968, pp 18-21.
FTD-S-~~102~~ 44-69

Mar 69

376,308

The Effect of the Weight of a Gyroscope
on the Nature of Its Movements in the
Presence of Dry Friction, by

N. V. Butenin, A. M. Lestev.

RUSSIAN, per, Izv VUZ Pribor, Vol 11,
No 5, 1968, pp 74-80.

FTD-S-502 3420 69

May 69

380,975

On Compensation for the Acceleration of the Earth's
Gravitational Force in Inertial Navigation Systems,
by L. S. Frolova.

RUSSIAN, per, Izvestiya VUZ. Priborostroyeniye,
Vol 11, No 5, 1968, pp 88-90.

FTD HT Special 626-69

feb 70

401,114

On the Problem of Heating a Substance by
intensive Electromagnetic Radiation, by
Yu. K. Krylov.

RUSSIAN, per, Izvestiya VUZ Prohorost-
royeniye, Vol 11, No 5, 1968, pp 106-112.

FTD-S-~~361~~ 96 68

CS 4/27/72 4p. Long 211

Mar 69

375,413

The problem of heating of material by intensive
Electromagnetic Radiation, by Yu. K. Krylov, 3 pp.
RUSSIAN, per, Izvestiya VUZ. Priborostroyeniye, No 5,
1968, pp 106-112.
ARM/PSTC/171-23-1106-71

Oct 71

~~XXXXXXXXXX~~ Manufacturing Experimental
Vidicons with Fiberglass Faceplates, by
Yu. I. Afanas'yev, N. S. Verovkin.
RUSSIAN, per, Izv VUZ Priborostroyeniye,
Vol 11, No 5, 1968, pp 120-123.
FTD-S-548 166 69

May 69

380,896

Algorithm of Successive Recognition of Images,
by Dolyatovsiy, V. A. ; Ponomareva, I. D. 8 pp.
RUSSIAN, per, Izvestiya Vysshikh Uchebnykh
Zavedeniy. Priborostroyeniye, Vol II, No 5,
1968, pp 59-64.
AIR/FTD/WT-24-399-69

sci/Biological and Medical Sci
Apr 70

405,973

REQ IN CHECK

70-4-22

TD79

CALCULATING THE DISPLACEMENT OF THE
ROTOR CENTER IN A SYROSCOPE ACTING UPON
BY A PURELY AXIAL ROAD

KORALEV H. F.

UR: IZVESTIYA VYSSHIKH UCHEBNYKH ZAVEDENIY.
PRIBOROSTROYENIYE, 1968, NO 6, PP 70-77

45-23-71-648

REQ. TR CHECK

20-8-27

TDB4

EFFECT OF DRY FRICTION ON THE STABILITY OF
A COMPENSATED ASTATIC GYROSCOPE

PAPLOV I V

UR: IVUZ. PRIBOROSTROYENIYE, 1968, nr 10,
pp 81-82

*In process as**HS-23-71-0650**neg
100-100*

Concentric Aspherical Coma and Astigmatism
Compensators for Large Telescopes, by
G. I. Tikhomirova. 8 pp.
RUSSIAN, per, Izv. VUZ. Priboystroyeniye, Vol 11
No 10, 1968, pp 96-101.
FTD-HT-361-69 Spec

aug 69

389,807

Effect of the Angle of Incidence of Strong
Electromagnetic Radiation on the Value and
Direction of the Reaction Momentum, by
Yu. K. Krylov.

RUSSIAN, per, Izv. VUZ. Priborostroyeniye, Vol 11,
No 11, 1968, pp 11-16.

FTD HT Special 36-70

mar 70

404,365

RUSSIAN

CSO: 0419/72 W
27 Aug. 1971 SF

- Comp. Sp. 27pp*
2. Investigation of the dependence of the recoil pulse on the angle of incidence of intensive electromagnetic radiation, by Yu. K. Krvlov.
 3. Stronger that a hyperbolide, by O. Andreyev.
 2. Izv. VUZ, Priborostroyeniye, no. 11, 1968 pp 11-16.
 3. pp 38-39

Measurement of the Dynamic Parameters of Thin
Magnetic Film During the Manufacturing Process,
by V. I. Avgust.
RUSSIAN, per, Izv VUZ Priborostroyeniye, No 11,
1968, pp 53-56.
FTD HT Special 373-70

Sci.-Mat
Dec 70

Interchangeability of the Information in Storage
Units on Magnetic Tape, by G. M. Golovanov.
RUSSIAN, per, Izv VUZ Priborostroyeniye, No 11,
1968, pp 57-62.
FTD HT Special 17S-70

Sci-Elec
Jul 70

Calculation of the Aerodynamic Drag Moment for
a Gyromotor Operating in Air, by
B. A. Deliktorskiy, I. N. Orlov, 7 pp.
RUSSIAN, per. Izvestiya VUZ. Priborostroyeniye.
Moscow, No 6, pp 91-96. 1968
JPRS 51241

Sci-Aero
Sept 70

Capacity Sensing Element of a Vertical, by
V. I. Kazankov. et al. 3 pp.
RUSSIAN, per, Izvestiya VUZ. Priborostroyeniye,
Vol 11, No 7, 1968, pp 19-21.
FTD 8-747 344-69

344-69

july 69

387,337

Application of Digital Modeling for Analyzing
Interference Immunity of Digital Computers, by
L. V. Surkov. 8 pp.
RUSSIAN, per, Izv VUZ Priborostroyeniye, Vol 11,
No 7, 1968, pp 70-76.
ACSI J-7826
FSTC-HT-23-459-70

Sci-Elec
Jul 70

Drifts of a Gyroscope on a Rotating Base, by
C. P. Vedenin, 8 pp.

RUSSIAN, per. Izvestiya VUZ. Priborostroyeniye.
Moscow, No 8, 1968, pp 67-72.

JPRS 51241

Sci-Aero

Sept 70

Systematization of the Input and Output Facilities
of Universal Electronic Digital Computers, by
N. N. Saveta.

RUSSIAN, per, Izvestiya VUZ Priborostroyeniye,
Vol 11, No 10, 1968, pp 53-62.

*FTD MI Special 118-70

May 70

REQ TR CHECK

20-11-24

TD81

MOTION OF A GYROSCOPE LINEAR ACCELERATION
INTEGRATOR

BELAYEVA G M

UR: IVUZ. PRIBOROSTROYENIYE, 1968, nr 11,

PP 78-78

*In process as**HS-23-71-0649**Me9
26 APR 71*

Certain Errors in Inertial Navigation Systems,
by M. I. Sliv, Ye. V. Safanova, 6 pp.
RUSSIAN, per. Izvestiya VUZ. Prikladnaya fizika.
Moscow, pp 114-118. 1968?
JPRS 51241

Sci-Aero
Sept 70

On the Application of Self-Adjusting Systems in
Directional Gyroscopes, by V. P. Demidenko, 6 pp.
RUSSIAN, per. Izvestiya VUZ, Prikladnaya Mekhanika,
Moscow, No 1, 1969, pp 84-87.
JPRS 51241

Sci-Aero
Sept 70

Asellure Characteristics of Photoelectric
Detectors, by A.S. Grinin, 5 pp.

RUSSIAN, per. Izv VUZ Priboystroyeniye, Vol 11,
No 1, 1969, pp 105-108.

ACSI-J-7528

Jan 72

The Question of Organizing Parallel Information
Processing in Computer Systems, by Ye. I. Orlov.
RUSSIAN, per, Izv VUZ Priborostroyeniye, Vol 12,
No 2, 1969, pp 50-54.
FTD HT Special 177-70

Sci-Elec
Jul 70

A Dynamic Integrating Element, by L. N. Popov.
RUSSIAN, per, Izv VUZ Priborostroyeniye, Vol 12,
No 2, 1969, pp 55-59.
FTD HT Special 218-70

Sci-Phys
Jul 70

Land Gyrocompass on Torsional Suspension, by
V. Yu. Torochkov.

RUSSIAN, per, Izvestiya VUZ. Priboroostroenie,
Vol 12, No 2, 1969, pp 76-78.

FTD HT Special 27-70

feb 70

40d,096

Counting Circuits with a Tunnel Diode Chain, by
Yu. T. Buty'skiy.

RUSSIAN, per, Izv VUZ Priborostroyeniye, Vol 12,
No 3, 1969, pp 65-71.

FTD HT Special 219-70

Sci-Elec

Jul 70

Investigation of a Digital Dynamic Model of an
Analog to Digital Converter, by
G. I. Mikhailovskii.
RUSSIAN, per, IVUZ. Priborostroenia, No 4, 1969,
pp 74-78.
FTD HT Special 71-11

sci
feb 71

The Sensitivity of Memory Matrices in Perforation
Recording by Means of a Laser Beam, by

L. N. Derzugin, et al.

RUSSIAN, per, IVUZ, Priborostroyeniye, No 4, 1969,

pp ~~100-124~~. 121-124

FTD HT Special 71-12

sci/mat

feb 71

Influence of a Lubrication Film on the Axial Rigidity
of a High-Speed Radially Resistant Ball Bearing, by
I. A. Baranov, I. I. Nevzorov.

RUSSIAN, per, Izvestiya VUZ Priborostroyeniye,
Vol 12, No 6, 1969, pp 72-75.

*FTD III Special 137-70

May 70

Kolotnikov, V. M.

New Measurement Techniques in Studying the
Effect of Superhigh Frequency Fields on Bio-
logical Subjects. 6 pp.

RUSSIAN, par. Izvestiya Vysshikh Uchebnykh
Zavedeniy, Priborostroyeniya, Leningrad, v 12,
no 7, 1989, pp 9-17.
JPRS 49239

Sci-B and M
Nov 89

893,963

Storage of Information in Computer Systems
with a Hierarchical Control Structure, by
E. I. Orlov.
RUSSIAN, per, IVUZ, Priborostroenie, Vol 12,
No 8, 1969, pp 50-55.
FTD HT Special 313-70

nov 70

Analog-to-digital Voltage Converter with Avalanche Transistors, by G. A. Ali-zade, D. G. Alizade.

RUSSIAN, per, IVUZ. Priborostroyeniya, No 8, 1969, pp 61-65.

FTD-HT Special 370-70

jan 71

REQ TR CHECK

20-0-01

TD99

ENGLISH TITLE UNKNOWN

DEMICHEV S P

USSR IVUZ. PRIBOROSTROYENIYE, 1969, vol 12,
nr 10, pp 34-37

*In process as
HT Special 11-179*

**Simulator of Infrared Cloudy Sky Backgrounds
to Investigate Interference-Immunity of
Electrooptical Automatics, by K. K. Den'Shekhov**

6 pp

RUSSIAN, per, Izv. VUZ, Priborostroyeniye,

No 10, 1969, pp 38-42

CIR X 7260

CIA

August 70

Dynamics of a Radial Gas Bearing, by Iu. R.
Ivanov.
RUSSIAN, per, IVUZ. Priborostroenie, Vol 12,
No 10, 1969, pp 105-109.
FTD HT Special 311-70

nov 70

Influence of certain technological Factors on the
Magnetic Characteristics of Magnetic-circuit cores,
by A. A. Kamenskii.
RUSSIAN, per, IVUZ. Priborostroenie, Vol 12, No 10,
1969, pp 133-136.
FTD-HT Special 372-70

jan 71

Calculation of the Dynamic Response of a
Gas-Lubricated Radial Bearing, by V. N.
Drozdovich.
RUSSIAN, per, IVUZ. Priborostroenie, Vol 12,
No 11, 1969, pp 99-102.
FTD HT Special 300-70

nov 70

Papkov, V. I.

Choice of Organization for Performing Control
Transfer Instructions.

RUSSIAN, per. Izv VUZ. Priboresstroeniye, no 1
1970, pp. 72-75.

FTD-FT-Special-71-22

Ivanova, V. V.

Stabilization of Rotors on Gas Lubricated
Bearings for Small Radial Loads.
RUSSIAN, per, IVUZ. Priborostroyeniye, No 1,
1970, pp 103-107.
FTD HT Special 344-70

sci
nov 70

REQ TR CHECK

24-3-70

TA39

DECODING COORDINATES IN CONVERTER TYPE
PERMANENT STORAGE UNITS
ATANELISHVILI I G
GR: IVUZ. PRIBOROSTROYENIYE, 1970,
vol 13, nr 2, pp 48-50

In process AS
MS-24-71-0910

negative
26 Apr 71

ADD TO CHECK

30-5-70

TB22

OPTIMAL GYROCOMPASS WITH RESPECT TO HIGH

SPEED

KARPOV V N: KOSYTSOV V A

UR: IVUZ. PROBOROSTROYENIYE, 1970, nr 2,

pp 82-85

*In process as
HT special 77-152**neg
27 APR 71*

REQ TR CHECK NO 1-1 TAGS
ELECTROLUMINESCENT SEMICONDUCTOR DEVICES
IN MICROELECTRONICS
PASYNKOV V V
UR: IVUZ. PRIBOROSTROYENIYE, vol 13,
nr 3, 1970, pp 31-38

*In process re
MS-24-71-0912*

REQ TR CHECK

22-02-07

1955

SELECTING THE STRUCTURAL DIAGRAM OF THE
SENSITIVE BALL BEARING ASSEMBLY OF A
GYRODEVICE

MATVEYEV V A: MARLO N P
UR: LENINGRAD, IZVESTIYA VYSSHIKH
UCHEBNYKH ZAVEDENIY, PRIBOROSTROYENIYE,
1970, nr 4, pp 79-82

In process as

HS-72-23-0474

neg

10 MAR 72

Kozlov, V. P.

Analysis of a Radiation Thermocell with
Distributed Detection Area. 4 pp.

RUSSIAN, per. Izv. VUZ, Prilozhenie, no 4,
1970, pp 101-104.
CIT X 7263

AUG. 70

RED TR CHECK

8-18-10

TF 52

A CRITERION FOR AUTOMATIC LOCK ON OF OBJECT
TRAJECTORIES DURING DIGITAL PROCESSING OF
RADAR INFORMATION

LISOGOR A N

UR: IZVESTIYA VYSSHIKH UCHEBNYKH ZAVEDENIY.
PRIBOROSTROYENIYE, VOL 13, ISSUE 6, 1970

PGS: 5 - 10

*in process as
42-23-71-1142*

10/1/71

Kozlov, B. P.

Analysis of the Main Systems of Radiation
Heat Cells With a Non-Distributed Detection

Area.
RUSSIAN, per: Izvestiya Vyschikh Uchebnykh
Zavedenii. Priborostroyeniya, No 6, 1970, pp

107-111.

NTC-71-10772-20M

NOV 71

Bendlov, Ya. N.

Use of an Energetic Method to Analyze the Sta-
bility of a Correctable Gyro. 5 pp.
RUSSIAN, per, Izv. Vuz. Fizikostroyeniye, Mos-
cow, no 8, Nov/Dec 1970, pp 72-76.
JPRS 52214

sci-mech
Feb 71

Babayev, A. A.

A Gyrooptical Vertical. 8 pp
RUSSIAN, per, Izv. VUZ. Priborostroyeniye,
Moscow, no 6, nov/dec 1970, pp 80-85.
JPRS 52214

soi-mach
feb 71

Kryzhanovskiy, G. A.

Combined Rational Control in the Stabilization
Circuit of Gyroscopical Systems. 9 pp.

RUSSIAN, per. Izv. Vuz. Radiofizika,
Moscow, no 6, Nov/Dec 1970, p 86-92.

JPRS 52214

sci-mech
feb 71

Koryrev, B. P.

Analysis of the Main Systems of Radiation
Heat Cells with a Non-distributed Detection

Apia. 5 pp.

RUSSIAN, rpt. Izv. Vuz. Priborostr, No 6, 1970

pp 107-111

CIA X 7351

NOV 80

REQ TR CHECK

17-8-8

TJ45

DETERMINATION OF THE CONTROL PERIOD FOR
COMPUTER SYSTEMS

RADIHOV O N

UR: IVUZ. PRIBOROSTROYENIYE, 1970, vol 13,
nr 7, pp 55-58*In process as**MS-24-71-1297**neg
25/6/81*

REQ IN CHECK

17-8-5

TJ46

ESTIMATION OF RATIONAL EQUIPMENT VOLUME
DURING MODULO CHECKING OF COMPUTERS

METESHKIN A A

UK: IVUZ. PRIBOROSTROYENIYE, 1970, vol 13,
nr 7, pp 59-61

In process as
MS-24-71-1298

neg
25/6/71

Popov, V. I.

Stability of Steady Movements of a Gyroscope
with Elastic Rotor Bearings in a Newtonian
Central Force Field. 8 pp.

RUSSIAN, per. Izv. VUZ. Strobostroyeniye,
Leningrad, vol XIII, no 9, 1970, pp 65-68.
JPRS 52046

sci-phys
jan 71

Abramov, R. A.

Floating Integrating Gyroscope with Feedback.
RUSSIAN, per. Izv VUZ. Priborostroneniye, no 9
1970, pp 69-71
NTC 71-18448-14B
JPRS 52046

mar 72

Alisina, V. V.

Relation Between the Precession and Nutation
of a Gyroscope. 5 pp

RUSSIAN, per, Izv VUZ, Radiofizika,
Leningrad, vol XIII, No 5, 1970, pp 72-75.
JPRS 52048

sci-phy
Jan 71

RUSSIAN

JPRS 52046

CSO: 01197/71 W
8 Dec 70 SF

Leningrad, Izv. VUZ, Priborostroyeniye, Vol 13, No 9,
1970, pp 65-78, 69-71, 76-78, 72-75

Sivkov, A. A.

Infrared Radiometer with Heat Stabilized Opti-
cal Head.

RUSSIAN, per, Izv. VUZ. Priborostroyeniye, vol 13
no 9, 1970, pp 92-96

NTC 71-16449-20F

mar 72

REQ TR CHECK

5-10-41

TT17

PROBLEM OF ROTOR STABILITY IN MULTICENTER
BEARINGS WITH GAS LUBRICATION

DROZDOVICH V N

UR: IVUZ. PRIBOROSTROYENIYE, 1970, nr 11

pp 98-101

*alm process as**HS-23-71-1729**neg
20 OCT 71*

On the Question of Structural Damping in Gy-
roscopic Systems, by A. A. Potapov, 3 pp.
RUSSIAN, per. Izv. VUZ. Priborostroyeniye, no 11
1970, pp 75-78.
CIA X 7450
NTC 71-14483-20K

may 71

Sliv, E. I.

On the Possibility of Constructing an Invariant
Gyrocompass with Pendulum Correction.

RUSSIAN, par, Izv VUZ. Prihorostroenie, vol 13

no 11, 1970, pp 79-81.

NTC 71-14482-20K

CIA X 7449

feb 72

Dikin, V. I.

Functional Converter for the Processing of
Pulse Increments According to Given Incre-
ments of the Argument.

RUSSIAN, per, Izv VUZ. Priboroostroenie, vol 13
no 12, 1970, pp 43-51.

NTC 71-14484-09B

CIA X 7446 4 pp

Feb 72

Davidenko, G. N.

Dynamic Characteristics of a Two Degree of
Freedom Gyroscope with Position-Integral Ne-
gative Feedback.

RUSSIAN, per, Izv VUZ. Priboroostroyeniye, vol 13
no 12, 1970, pp 67-68.

NTC 71-14481-20K

CIA X 7-448 3 pp

Feb 72

V. N. Drenkovich

Question of the influence of the inclination angle of grooves on the bearing capacity of a gas-dynamic thrust bearing with a herringbone relief. 8 pp.

RUSSIAN, Izv. VUZ. Prikladnaya Mekhanika, No 1, 1971, pp 94-98

AIR/FTD-HT-23-531-73

nov 73

RUSSIAN

comp
SPRS 93399CSO: 02492/71W
13 May 1971 SF

1. Pulse-Potential Key for Computer Storage, by
L. K. Samoylov.
2. Review of Book Structure of Digital Computers
by S. A. Mayorov and G. I. Novikov et al.

Leningrad, Izv. VUZ: Priborostroyeniye, v. 14,
no. 3, pp 54-57 and pp 111. 1971

please publish.

71 (SC-T-713086) DYNAMICS OF A GYROSCOPE ON
AN ELASTIC SUSPENSION. Burmistrov, V. P.; Vinogradov, G. M.;
Rodionov, E. M. 16 Translated by Patricia Newman (Sandia Labs.,
Albuquerque, N. Mex.), from 16 Izv. Vyssh. Ucheb. Zaved., Pri-
borostr.; 14: No. 3, 70-4(1971). 17 20 10p. 24 Dep. NTIS.

25

26 instrumentation; translations 27 18D

28 MN-37 29 P NSA

SECRET *JPRS 5572*
6 pp *15 March 1972*

On determining the deformation and rigidity of
the shells of a spherical suspension, by O.I.
Korov.

~~English. Eng. Information~~ *Eng. Information* *Eng. Info.* Vol. 15, No. 1,
1971, pp 9-11.

Please publish

Pulse Controlled Conductivity as an Element of
Circuits used in Automation and Computer Engineering,
by Ye. P. Ustyumov, 7 pp.
RUSSIAN, per, Izy Vuz Priborostroyeniye, No 4, 1971.
Enclosure to IR 6 011 1007 71, 4 Aug 1971.

IR sent to UD

Aug 71

REQ TO CHECK

15-08-18

TCZ3

SELECTING THE STRUCTURAL DIAGRAM OF THE
SENSITIVE BALL BEARING ASSEMBLY OF A
GYRODEVICE

MATVEYEV V A

UR: LENINGRAD, IZVESTIYA VYSSHIKH
UCHEBNYKH ZAVEDENIY, Priborostroyeniye,
1971, nr 4, pp 79-82

Process in AS

HS 72-23-0993

22 MAR
72

ISO TR CHECK

8-8-7

TFL6

COMPLETELY PRECISE STORAGE DEVICE USING
FERRITE COUPLES FOR SPECIAL DIGITAL COM-
PUTER

TIMAROV, E. A., ORDYNETS, V. A., PET-
RUSHINA, N. G.

UR-TZVESTIYA VYSSHIKH UCHIBNYKH ZAVEDENIYA,
PRIROSTROYENIYE, no 5, May 1971,
pp 58-62

Process IN A3

HS 72-23-1334

neg.

16 JUN 72

V. B. Saplov

The use of a system of geometric codes in permanent
memory units (PEU). 10 pp.

RUSSIAN, Izv VUZ. Prikladnaya, No 6, 1971,

pp 74-79

AIR/ITD-HT-23-1356-72

nov 72

NEG TR CHECK

23-6-1

TF02

INERTIAL DAMPING AS A MEANS OF DIMINISHING
THE DYNAMIC DRIFT OF GYROSCOPIC SYSTEMS
CHERNIKOV, S. A.
US IZVESTIYA VYSSHIKH UCHEBNYKH ZAVEDENIY.
PRIGOROSTROYENIYE, Vol 14, No 6, 1971,
pp 86-91

Process in AS
HS 72-23-1405

Neg
12 JUL 72

Apparatus to Investigate Radiant
Heat Exchange in Cryogenic Vacuum
Chambers, by A. G. Tkachev.
RUSSIAN, per, Izvestiya Vysshikh
Uchebnykh Zavedenii. Priborostroenie,
No 6, 1971, pp 121-123.
NTC 72-11170-20M

May 72

V. M. Shtinov

Issues beam shaping of elements of sliding friction

Abstracts. 8 pp.

RUSSIAN, Izvestiya VUZ, Prikladnaya fizika, Vol 14, No 7,

1971, pp 109-113

AIR/FTD-HT-33-1310-72

Jan 73

REQ TR CHECK

TFTH

INTRARESONATOR METHODS OF CONTROLLING THE
WAVELENGTH OF GAS LASERS

VOLODKINA, V.L.; KOROVLIOVA, S.A.

UR-Leningrad, IZVESTIYA VSSHIKH UCHEBNYKH

ZAVEDENIY, PROBOROSTROYENIYE, No 7, 1971,

pp 118-122

Process 70 AS
MT 72-24-1533Neg
22 Aug 72

Yu. I. Ushakov

Monogram to Determine the Optimal Values
of a Ground-Based Gyrocompass Parameters
Assuring Minimum of the Undamped Vibrations
Period.

RUSSIAN, per, Izvestiya Vysshikh Uchebnykh
Zavedeni: Priborostroyeniye, No 11, 1971, pp 79-81.
REC 72-13778-17G

Nov 72

L. A. Motylkov.

On the Theory of a Semi-Cyrocompass on a Moving Base.

RUSSIAN, per, Izvestiya Vysshikh Uchebnykh Zavedenii. Priborostroyeniye, No 11, 1971, pp 82-85.

NIC 72-13777-17G

Nov 72

I. A. Baranov

On the Vibrations of Gyromotors With Aerodynamic
Spherical Supports.

RUSSIAN, per, Izvestiya Vysshikh Uchebnykh
Zavedenii. Priborostroyeniye, Vol 14, No 11, 1971,
pp 86-88.

NTC 72-13719-170

Nov 72

Yu. S. Lukovityi

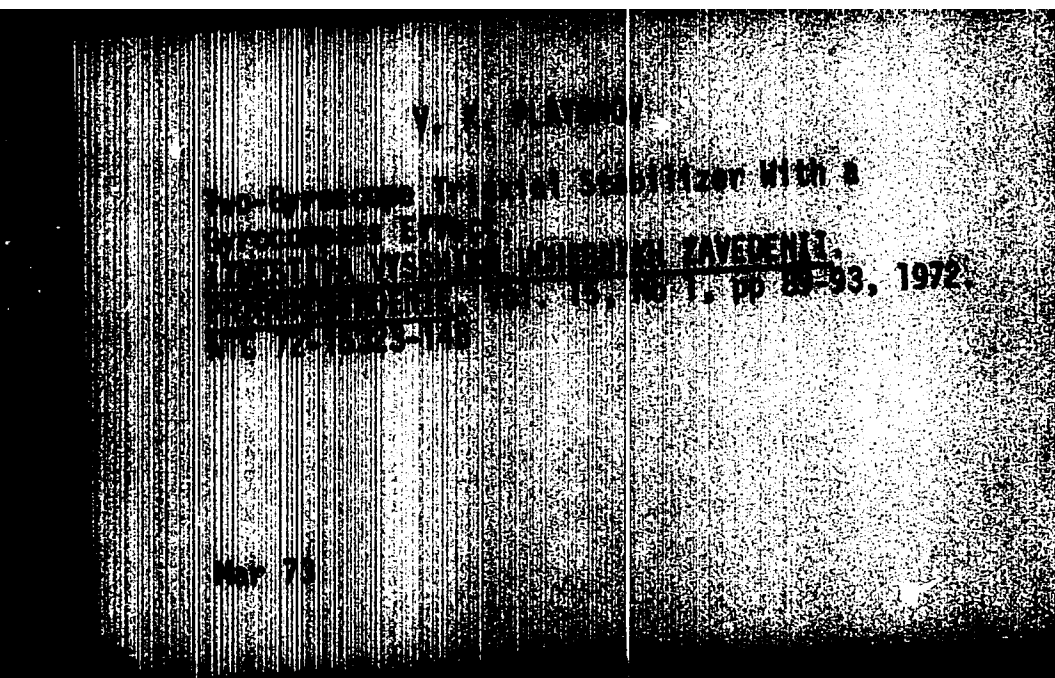
Accelerated Periodic Actuation of a Groundbased
Gyrocompass.

RUSSIAN, per, Izvestiya Vysshikh Uchebnykh

Zavedeni, Priborostroyeni, No 12, 1971, pp 69-72.

NTC 72-13721-17G

Nov 72



Monitoring the Operation of Complex Data Control
Systems With Hierarchic Structure, by

Ye. I. Orlov, 7 pp.

RUSSIAN, per. Izvestiya Vysshikh Uchebnykh
Zavedeniy, Priborostroyeniye, Leningrad, Vol 15,
No 3, 1972, pp 59-64.

JPRS 56233

June 72

Method of Minimum Coding of Microcommands With
Microprograms Placed in Permanent Storage, by
M. Ye. Ipatov, 5 pp.

RUSSIAN, per, Izvestiya Vysshikh Uchebnykh
Zavedeniy, Priborostroyeniye, Leningrad, Vol 15,
No 3, 1972, pp 66-69.
JPRS 56234

June 72

Quality Control System for Production of Magnetic
Angular Converter, by L. K. Safronov, 6 pp.

RUSSIAN, per, Izvestiya Vysshikh Uchebnykh
Zavedeniy, Priborestroyeniye, Leningrad, Vol 15,

No 3, 1972, pp 70-74.

JPRS 56235

June 72

Motion of a Gyroscope With a Hook's Joint and
Extra Rotor, by V. Ya. Raspopov, 5 pp.
RUSSIAN, per, Izvestiya Vysshikh Uchebnykh
Zavedeniy, Priborostroyeniye, Leningrad, Vol 15,
No 3, 1972, pp 75-78.
JPRS 56236

June 72

Effect of Variable Axial Rigidity of Ball Bearings
on Variation of Axial Load on Gyromotor Bearings,
by I. A. Baranov, 6 pp.

RUSSIAN, per, Izvestiya vysshikh Uchebnykh
Zavedeniy, Priborostroyeniye, Leningrad, Vol 15,
No 3, 1972, pp 79-83.

JPRS 56237

June 72