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REQ TR CHECK

7EE9
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UR: ZHURNAL PRIKLADNOY MEKhanIK I
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11572-23-760

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NTC 72-14360-201

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FTD IT Special 238-70

Sci-Phys

Jul 70

REQ TR CHECK

13-4-35

TD 25

ISENTROPIES OF THE EXPANSION OF EXPLOSION
PRODUCTS OF CONDENSED EXPLOSIVES

ZHERNOKLETOV M V; ZUBAREV V N; TELEGIN G S

UR: ZHURNAL PRIKLADNOY MEKhanIKI I
TEKHNIChESKOY FIZIKI; ISSUE 4, 1969

PGS: 127 - 132

In process as
HS-23-71-0625
Legatine
23 apr 71

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AEC/LA/Tr-70-8

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June 70

REQ TR CHECK

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TD 26

THE IMPACT COMPRESSIBILITY OF POLYSTYRENE
HAVING VARYING INITIAL DENSITY

DUDOLADOV I P; RAKITIN V I; SUTULOV YU N

UR: ZHURNAL PRIKLADNOY MEKhanIKI I
TEKHNIChESKOY FIZIKI, ISSUE 4, 1969

PGS: 148 - 151

*In process as**HS-23-71-0626**7/23/71
630p71*

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*FTD HT Special 113-70

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*FTD HT Special 113-70

NASA TT F 13,012

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xnavy APL/JHU J-1495 (May 70)

FTD-HS-72-23-1825

Sci-Prop & Fuels
Sep 70

REQ TR CHECK

1-6-26

TI 68

BUILD-UP OF STEADY FLAME PROPAGATION DURING
GAS IGNITION BY A HEATED SURFACE

MERZHANOV A G

UR: ZHURNAL PRIKLADNOY MEKHANIKI I
TEKHNIЧЕСКОY FIZIKI, SEP-OCT 1969, nr 5,
pp 42-48

*Ch. Faraday Press**Last complete issue unknown.**In process as**45-23-71-1076*

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Sep 70

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FTD TT Special 384-70

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REQ TR CHECK

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ESTIMATING THE THERMOELECTRIC EFFECTS IN THE
NEAR-ELECTRODE REGION OF A GAS DISCHARGE

KONOV A E

UR: ZHURNAL PRIKLADNOY MEKhanIKI I TEKHNIChESK
FIZIKI, ISSUE 5, 1969

PGS: 138 - 140

*In process as**HS-23-71-1073**negative
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*FTD HT Special 122-70

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Dept of Navy APL/JNU T-2447

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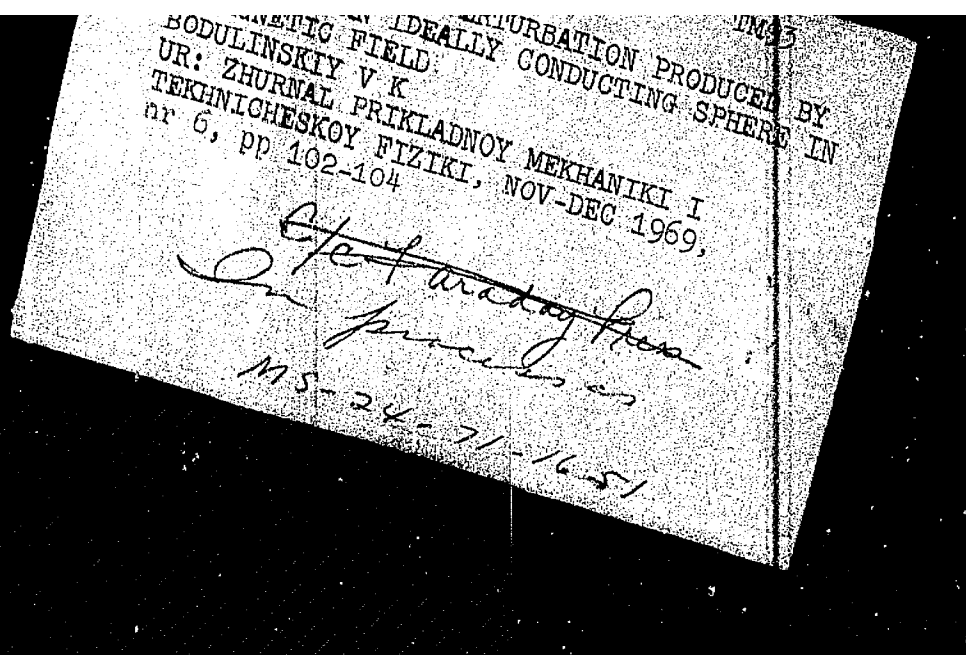
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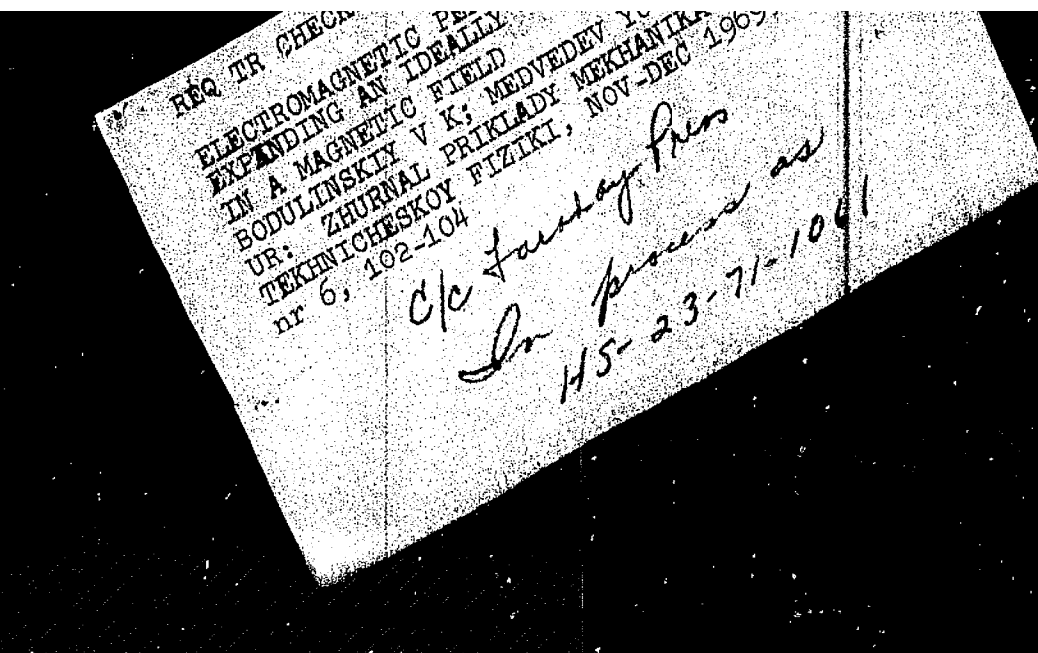
NASA TT F-12,969

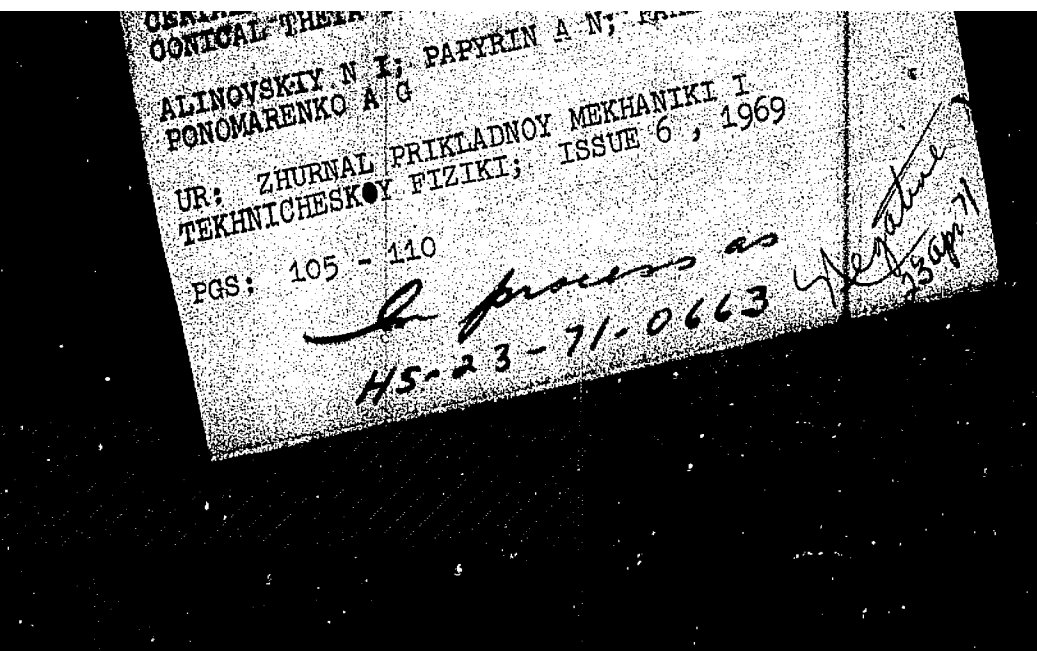
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*FTD HT Special 117-70

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1969, pp 110-115.
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FTD HT Special 117-70

A 117-70 117-70, 961

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REQ TR CHECK

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ENGLISH TITLE UNKNOWN

NIGMATULIN R I

UR: ZHURNAL PRIKLADNOY MEKHANIKI I
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pp 88-95*In process as**HT Special 71-180, men
27 Apr 71*

In process as
HS-23-71-0647 new
27 Apr 71

REQ TR CHECK

5-5-21

1948

SPIN DETONATION NATURE OF THE TANGENTIAL
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ENGINE COMBUSTION CHAMBERS
AR'KOV O F
UR: ZHURNAL PRIKLADNOY MEKHANIKI I
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nr 1, 155-157

In process as

HS-23-71-0802

*4/2/71
2/1/71*

12-7-21

TL40

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BURNING TWO PHASE LIQUID GAS SYSTEM
BORISOV A A; GELFAND B YE
UR: ZHURNAL PRIKLADNOY MEKHANIKI I
TEKHNICHESKOY FIZIKI, JAN-FEB 1970, nr 1
pp 168-173

C/c Jarodag Ren

On process as

MS-24-71-1652

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KAPITONOV V A; KORNILOV V A; LAGUNOV V M;
NESTERIKHIN YU E
UR: ZHURNAL PRIKLADNOY MEKHANIKI I
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PGS: 28 - 38
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A. T. Onufriev

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NTC 72-13991-20D

NASA TT F 13, 219

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Heated Gas. 1 Sp.

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NTC 72-13988-21B

NASA TT F 13,220

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ARM/FSTC/HT-23-1002-71

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REQ TR CHECK

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TY51

NONLINEAR STAGES OF HOSE INSTABILITIES

BEREZIN YU A

UR: ZHURNAL PRIKLADNOY MEKHANIKI I

TEKHNICHESKOY FIZIKI, MAY-JUN 1970, nr 3,

pp 3-10

*Process in as
HT 72-23-0845**neg
12/28/71*

OF A PLASMA UNDER THE INFLUENCE OF POWERFUL
PULSES.

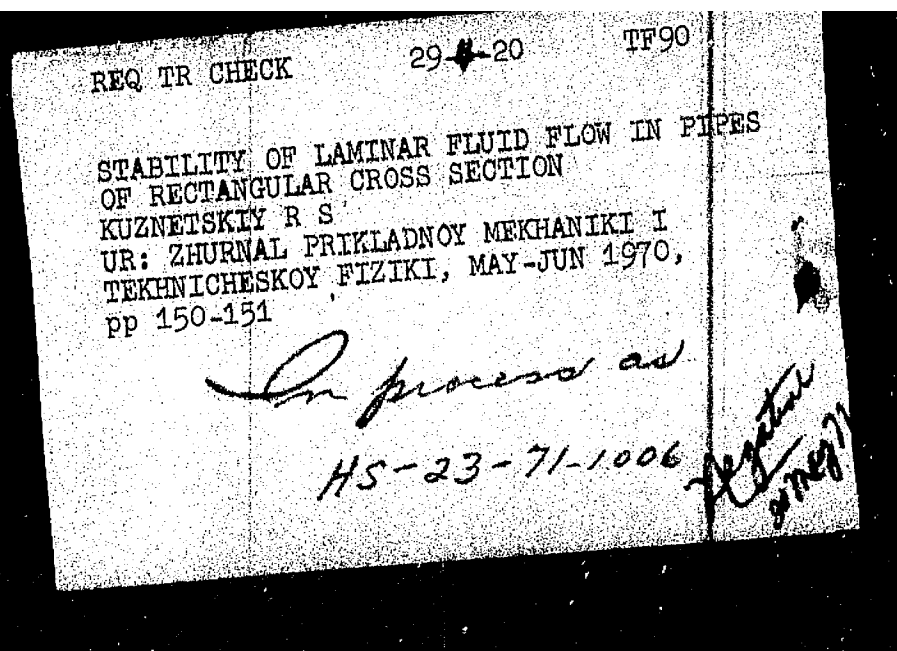
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UR: ZHURNAL PRIKLADNOY MEKHANIKI I
TEKHNICHESKOY FIZIKI, MAY-JUNE 1970; ISSUE 3

PGS: 27 - 37

In process as
HS-23-71-0811

Keightley
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NTC-71-11835-20H

7TD-HS-23-71-0801

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UNSTEADY CONDUCTING FIELD
TRANSVERSE MAGNETIC FIELD
BERTINOV A I; BUT D A
UR: ZHURNAL PRIKLADNOY MEKHANIKI I
TEKHNIЧЕСКОY FIZIKI JUL-AUG 1970,
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In process as

HS-23-71-1468

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of Irreversible Thermodynamics Laws, by
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NTC-71-12344-01A

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of Equilibrium Chemical Reactions, by I. M. Broey.
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NTC-71-11821-01A

FTD. MS-71-24-1551

Nov 71

DETONATION OF LIQUID HYDRAZOIC ACID AND ITS A
QUEOUS SOLUTIONS

KURBANALINA, K LANGUAGE-RU CCOUNTRY-UR

LH. PRIKLAD. MEKH. I TEKH. FIZ. =4, 1970, AKA
C NAUK-SIBIR. 100-65

FSTC-FT-23-0443-73

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NTC-71-12346-04A
FTD-HS-23-71-1969

Nov 71

REQ TR CHECK

6-03-73

T313

PROPAGATION OF ELECTROMAGNETIC DISTURBANCES
OVER A FLAT SURFACE

IVANOV, V V; CHERNYI, G P

UR: ZHURNAL PRIKLADNOY MEKhanIKI I
TEKHNICHESKOY FIZIKI, NO. 5, SEPT-OCT 1970

pp. 22-30

Proven in an
*HS 73-23-0348**Weg*
28 MAR 73

Deformation of Drops in the Reactive
Zone During Heterogenous Detonation,
by A. A. Borisov.

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Mekhaniki i Tekhnicheskoi Fiziki,
No 5, 1970, pp 39-44.

NTC 72-11145-21B

NASA TTF 18579 117p

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Argon Helium Mixture in a Vacuum, by
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No 5, 1970, pp 58-63.
NTC 72-10897-20D

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REQ TR CHECK

17-03-73

T331

THEORY FOR NONSTEADY COMBUSTION OF POWDER
COMBUSTION UNDER HARMONICALLY VARYING
PRESSURE

GOSTINTSEV, YU A; SUKHANOV, L A; POKHIL, P F
UR: ZHURNAL PRIKLADNOY MEKHANIKI I TEKH-
NICHESKOY FIZIKI, NO 5, SEPT-OCT 1971;
pp. 60-69

Process in as
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Nea
98 MAR 73

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by A. T. Onufriev.

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NTC 72-10899-20D

Kasa TTF #13580 97p

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Transitions, by A.I. Nigmatulin.

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NTC 71-12930-20D

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NTC 72-11140-20D

July 71

Two

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Vapor-Liquid Systems, by
I. S. Radovskii.

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NTC 72-10898-20D

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Nasa TT F 13582 15 pp

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NTC 71-12929-20I
NASA TT-F-13583 12pp

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I. M. Rutkevich

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NTC 72-13594-200

NASA TTF 13,540

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Shear Stress in Metals, by S. A. Novikov, 7 pp.

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eskoy Fiziki, No 6, 1970, pp 107-110.

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Aug 72

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Collapsing Spherical Cavity by
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NASA TT F 13,591

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NASA TT F 13592
NYC 72-10478-200

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15-5-9

TFB3

METHOD OF CALCULATING A RADIATION FLUX
AND ITS DIVERGENCE IN REGIONS WITH A STEP-
WISE TEMPERATURE AND COMPOSITION DISTRI-
BUTION

OVSYANNIKOV, V.M., TIRSKIY, G.A.
UR-ZHURNAL PROKLADNOI MEKHANIKI I TEKH-
NICHESKOI FIZIKI, Mar-Apr 1971, pp 54-62

C/c Permanent Press
Process in as
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JPR 56849

CSO: 0055/73(s) W
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Req. 72-103

R-14610-1
23 Feb. 72

Zhur. Prikl. Mekh. Tekhn. Fiz.

Volume 1, pp. 168-173 (Russian). 1971

By: Borisov, A.A., et al.

Language: Russian

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Title: Amplification of Weak Shock Waves in a Hot Two-Phase Gas-Liquid System.

Some Effects During the Passage of Radio Waves
Through the Region of an Explosion, by
V. A. Vel'min, V. F. Korets, 9 pp.
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June 71

STUDY OF A TURBULENT BOUNDARY LAYER ON SMOOTH
AND ROUGH SURFACES AT ARBITRARY GR

MARCHENKO A G

LANGUAGE=RU COUNTRY=UR

ZHURNAL PRILADNOY MEKHANIKI I TEKHNIЧЕСКОY
FIZIKI NO 3 1971 PP 126-134

FSTC=H1+23+0355+73

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pp 140-144

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JPRS 56849

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B. N. Semenov

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N. A. Generalov

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I. V. Nemohinov

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NTC 72-12748-20E

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B/ N. Semenov

*Interaction of an elastic boundary with the viscous
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I. G. Assovskii

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Nov 72

Yu. A. Gostintsev

On the Theory of Nonstationary Powder Combustion.
Stability of the Processes in a Semi-Infinite
Volume.

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V. N. Vilyunov

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NTC 72-13711-21B

Nov. 72

Agency: Army/Redstone
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R-14270-B
27 Dec 71

Title: Study of the interaction between a stress wave
and a stationary macrocrack in elastoplastic
and quasi-brittle materials.

Author: Sh. G. Volodarskaya, et al.

Source: Zhurnal Prikladnoi Mekhaniki i Tekhnicheskoi
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Language: Russian

Special Instructions: Please translate.

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MODE OF CONDENSED EXPLOSIVESALTSHULER, L.V.; SPERANSKAYA, M.P.; RYAZANOV,
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