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RUBENCHIK, YU. I.
 //PHYSIC.-FIZIKO-KHIMICHESKAYA MEKHANIKA MATERIAL OV//
 00/00/1972,V0008,N0005, PP 0100-0101
 STRESS CORROSION CRACKING OF STEEL REDUCED BY
 INOCULATION WITH CERIUM
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IVNETS, V. I.
 //PHYSIC.-FIZIKO-KHIMICHESKAYA MEKHANIKA MATERIAL OV//
 00/00/1972,V0008,N0006, PP 0019-0021
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 HARDENING ON NOTCH FATIGUE AND CORROSION FATIGUE
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ARKHAROV, V. I.
 //PHYSIC.-FIZIKO-KHIMICHESKAYA MEKHANIKA MATERIAL OV//
 00/00/1972,V0008,N0006, PP 0021-0024
 EFFECT OF GAS CARBURIZING ON THE STRUCTURE OF
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000000197586

SAMSONOV, G. V.

//PHYSIC.-FIZIKO-KHIMICHESKAYA MEKhanika MATERIAL OV//
00/00/1973,V0009,N0001, PP 0058-0061
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OF HIGH-MELTING METAL SULFIDES AND SELENES
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000000147705

BEZRUCHKO, V. P.
//PHYSIC.-FIZIKO-KHIMICHESKAYA MEKhanika MATERIAL OV//
00/00/1973,V0009,N0002, PP 0108-0109
WEAR RESISTANCE OF STEELS IMPROVED BY DIFFUSIVE
SURFACE TREATMENTS 6 PP
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000000206236

KOSTETSKIY, B. I.
//PHYSIC.-FIZIKO-KHIMICHESKAYA MEKhanika MATERIAL OV//
00/00/1973,V0009,N0002, PP 0110-0111
RELATIONSHIP BETWEEN THE DEFORMATION CONSTITUENT
OF THE REACTIONAL FORCE UNDER THE INFLUENCE OF A
SURFACE-ACTIVE LUBRICANT AND THE CRYSTAL
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000000197531

YAREMA, S. YA.
//PHYSIC.-FIZIKO-KHIMICHESKAYA MEKhanika MATERIAL OV//
00/00/1973,V0009,N0003, PP 0018-0023
DEPENDENCE OF THE RATE OF PROPAGATION OF FATIGUE
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BEZRUCHKO, V. P.
//PHYSIC.-FIZIKO-KHIMICHESKAYA MEKhanika MATERIAL OV//
00/00/1973,V0009,N0003, PP 0098-0099
WEAR RESISTANCE OF EQUIPMENT PARTS FOR ELECTRODE
PRODUCTION IMPROVED BY BORONIZING AND CARBURIZING
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BEZRUCHKO, V. P.
//PHYSIC.-FIZIKO-KHIMICHESKAYA MEKhanika MATERIAL OV//
00/00/1973,V0009,N0003, PP 0098-0099
WEAR RESISTANCE OF EQUIPMENT PARTS FOR ELECTRODE
PRODUCTION IMPROVED BY BORONIZING AND CARBURIZING
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MINDYUK, A. K.
//PHYSIC.-FIZIKO-KHIMICHESKAYA MEKhanika MATERIAL OV//
00/00/1973,V0009,N0004, PP 0017-0023
EFFECT OF INHIBITORS AND ANIONS, SINGLY OR
JOINTLY, ON THE HYDROGENATION OF STEEL UNDER
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ELEVATED TEMPERATURES
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000000197525

BALATSKIY, L. T.
//PHYSIC.-FIZIKO-KHIMICHESKAYA MEKhanika MATERIAL OV//
00/00/1973,V0009,N0004, PP 0109-0110
EFFECT OF ELECTROLYTIC CHROMIUM-CADMIUM DEPOSITION
ON THE CORROSION-FATIGUE STRENGTH OF CARBON STEEL
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000000197527

YEFIMOVA, L. A.
//PHYSIC.-FIZIKO-KHIMICHESKAYA MEKhanika MATERIAL OV//
00/00/1973,V0009,N0004, PP 0110-0112
EFFECT OF ELECTROTHERMAL TREATMENT ON THE

FATIGUE AND CORROSION-FATIGUE STRENGTHS OF
CONSTRUCTIONAL STEEL
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BEZRUCHKO, V. P.
//PHYSIC.-FIZIKO-KHIMICHESKAYA MEKhanika MATERIAL OV//
00/00/1973,V0009,N0004, PP 0112-0113
FATIGUE AND CONTACT STRENGTH OF CHROMIZED 45
10.45 DEGREES C, LOW P AND S STEEL
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TSAREV, A. V.
//PHYSIC.-FIZIKO-KHIMICHESKAYA MEKhanika MATERIAL OV//
00/00/1973,V0009,N0005, PP 0099-0100
EFFECT OF YTTRIUM ON THE PHYSICO-MECHANICAL
AND CORROSION CHARACTERISTICS OF CAST STEELS
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000000197524

SHVED, M. M.
//PHYSIC.-FIZIKO-KHIMICHESKAYA MEKhanika MATERIAL OV//
00/00/1973,V0009,N0005, PP 0105-0106
EFFECT OF HYDROGEN ON THE DISORIENTATION AND
BREAKDOWN OF MOSAIC BLOCKS IN THE UNIAXIAL
STRESSING OF TRANSFORMED STEEL
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000000197532

MALTSEVA, V. P.
//PHYSIC.-FIZIKO-KHIMICHESKAYA MEKhanika MATERIAL OV//
00/00/1973,V0009,N0005, PP 0107-0108
INVESTIGATION OF THE ELONGATION OF POLARIZED
WIRE IN THE PRESENCE OF AZO-COMPOUNDS
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BEZRUCHKO, V. P.
//PHYSIC.-FIZIKO-KHIMICHESKAYA MEKhanika MATERIAL OV//
00/00/1973,V0009,N0005, PP 0109-0110
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RESISTANCE OF STEEL
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000000197526

ZBOZHNYA, D. M.
//PHYSIC.-FIZIKO-KHIMICHESKAYA MEKhanika MATERIAL OV//
00/00/1973,V0009,N0009, PP 0008-0010
DIFFUSIVE CHROMIZING FROM LOW-MELTING METAL
MELTS
HB 9176

000000248509

BEZRUCHKO, V. P.
//PHYSIC.-FIZIKO-KHIMICHESKAYA MEKhanika MATERIAL OV//
00/00/1974,V0009,N0005, PP 0109-0110
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RESISTANCE OF STEEL 16 PP
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VASILENKO, I. I.
//PHYSIC.-FIZIKO-KHIMICHESKAYA MEKhanika MATERIAL OV//
00/00/1974,V0010,N0001, PP 0092-0094
SUSCEPTIBILITY OF CARBON STEEL TO CRACKING IN
HYDROCHLORIC AND SULFURIC ACIDS 11 PP
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ZBOZHNYA, D. M.
//PHYSIC.-FIZIKO-KHIMICHESKAYA MEKhanika MATERIAL OV//
00/00/1974,V0010,N0003, PP 0065-0067

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REDISTRIBUTION OF THE PRINCIPAL COMPONENTS OF TYPE
18-911 STEEL AFTER BERYLLIUM IMPREGNATION AND
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HB 9386

000000133191

MAKIMOVICH, G. G.
//PHYSIC.-FIZIKO-KHIMICHESKAYA MEKhanika MATERIAL OV//
00/00/1975,V0011,N0001, PP 0037-0040
EFFECT OF COLD PLASTIC DEFORMATION ON THE BRITTLE
FRACTURE SUSCEPTIBILITY OF LOW CARBON STEELS
BLD:L STG 9023.19:VR 428/75

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ROMANIV, O. N.
//PHYSIC.-FIZIKO-KHIMICHESKAYA MEKhanika MATERIAL OV//
00/00/1975,V0011,N0001, PP 0041-0047
SPECIAL FEATURES OF THE INITIATION OF FATIGUE
CRACKS IN LOW TEMPERATURE TEMPERED HIGH STRENGTH
STEELS
BLD:L STG 9023.19:VR 428/75

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BALTER, M. A.
//PHYSIC.-FIZIKO-KHIMICHESKAYA MEKhanika MATERIAL OV//
00/00/1975,V0011,N0001, PP 0047-0053
EFFECT OF THE STRUCTURE AND PROPERTIES OF STEEL
ON THE MICROMECHANISM OF FATIGUE FAILURE
BLD:L STG 9023.19:VR 429/75

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SALAMASHENKO, A. G.
//PHYSIC.-FIZIKO-KHIMICHESKAYA MEKhanika MATERIAL OV//
00/00/1975,V0011,N0002, PP 0097-0098
QUANTITATIVE ASSESSMENT OF THE SENSITIVITY OF
METALS TO ASYMMETRICAL LOAD CYCLES IN A
CORROSIVE AGENT
HB 9689

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SALAMASHENKO, A. G.
//PHYSIC.-FIZIKO-KHIMICHESKAYA MEKhanika MATERIAL OV//
00/00/1975,V0011,N0002, PP 0097-0098
QUANTITATIVE ASSESSMENT OF THE SENSIBILITY OF
METALS TO ASYMMETRICAL LOAD CYCLES IN A
CORROSIVE AGENT
HB 9689

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KOBZARUK, A. V.
//PHYSIC.-FIZIKO-KHIMICHESKAYA MEKhanika MATERIAL OV//
00/00/1975,V0011,N0002, PP 0098-0100
EFFECT OF LOAD FREQUENCY ON THE LIFE OF STEEL
IN SEA WATER IN LOW CYCLE FATIGUE
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//PHYSIC.-FIZIKO-KHIMICHESKAYA MEKhanika MATERIAL OV//
00/00/1975,V0011,N0002, PP 0098-0100
EFFECTS OF LOAD FREQUENCY ON THE LIFE OF STEEL
IN SEA WATER IN LOW CYCLE FATIGUE
HB:US DOLLAR 8.00 AS 9687

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LASHKO, N. F.
//PHYSIC.-FIZIKO-KHIMICHESKAYA MEKhanika MATERIAL OV//
00/00/1975,V0011,N0002, PP 0110-0112
EFFECT OF QUENCHING TEMPERATURE ON THE PERFORMANCE
OF MARTENSITIC STEEL 1KH12N2MVFB IN DIFFERENT
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FETISOVA, M. M.
 //PHYSIC.-FIZIKO-KHIMICHESKAYA MEKHANIKA MATERIAL OV//
 00/00/1975,V0011,N0003, PP 0060-0062
 MECHANISM OF LOSS IN STRENGTH OF INTERGRAIN
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 TEMPER BRITTLENESS
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FETISOVA, M. M.
 //PHYSIC.-FIZIKO-KHIMICHESKAYA MEKHANIKA MATERIAL OV//
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 MECHANISM OF LOSS IN STRENGTH OF INTERGRAIN BONDS
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ZAMIRYAKIN, K.
 //PHYSIC.-FIZIKO-KHIMICHESKAYA MEKHANIKA MATERIAL OV//
 00/00/1975,V0011,N0003, PP 0088-0090
 APPARATUS FOR INVESTIGATING FRACTURE DUCTILITY IN
 ELECTROLYTES
 HB 9692

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 //PHYSIC.-FIZIKO-KHIMICHESKAYA MEKHANIKA MATERIAL OV//
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 APPARATUS FOR INVESTIGATING FRACTURE DUCTILITY
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VEKSLER, YU. G.
 //PHYSIC.-FIZIKO-KHIMICHESKAYA MEKHANIKA MATERIAL OV//
 00/00/1975,V0011,N0003, PP 0091-0093
 EQUIPMENT FOR ACCELERATED TESTS ON METALS FOR
 THEIR RESISTANCE TO HIGH-TEMPERATURE CAVITATION
 HB 9686

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KEPICH, T. YU.
 //PHYSIC.-FIZIKO-KHIMICHESKAYA MEKHANIKA MATERIAL OV//
 00/00/1975,V0011,N0003, PP 0115-0116
 STRESS DISTRIBUTION AROUND A SINGLE CRACK UNDER
 INTERNAL PRESSURE
 HB 9701

000000135104

ARKHAROV, V. I.
 //PHYSIC.-FIZIKO-KHIMICHESKAYA MEKHANIKA MATERIAL OV//
 00/00/1976,V0012,N0001, PP 0047-0051
 THE EFFECT OF PALLADIUM ON THE FLAKE FORMATION
 SUSCEPTIBILITY OF STRUCTURAL STEEL
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KRUTSAN, A. M.
 //PHYSIC.-FIZIKO-KHIMICHESKAYA MEKHANIKA MATERIAL OV//
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 //PHYSIC.-FIZIKO-KHIMICHESKAYA MEKHANIKA MATERIAL OV//
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 QUARTERNARY PYRIDIUM SALTS INHIBITOR
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MOSKVIN, V. N.
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 STUDYING HYDROGEN ABSORPTION OF METALS BY MAGNETIC
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GRIGOR'EV, V. I.
 //PHYSIC.-FIZIKO-KHIMICHESKAYA MEKHANIKA MATERIAL OV//
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 BEHAVIOUR OF GLASS FIBER FILLED POLYETHYLENE
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 //PHYSIC.-FIZIKO-KHIMICHESKAYA MEKHANIKA MATERIALLOV//
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 //PHYSIC.-FIZIKO-KHIMICHESKAYA MEKHANIKA MATERIALOV//
 00/00/1970,V0006,N0002, PP 0107-0109
 THE EFFECT OF SURFACE CONTAMINATION OF AUSTENITIC
 STAINLESS STEEL ON CORROSIVE DETERIORATION
 AT VARIOUS TEMPERATURES
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ANDREYEV, YU. V.
 //PHYSIC.-FIZIKO-KHIMICHESKAYA MEKHANIKA MATERIALOV//
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 STAINLESS STEEL ON CORROSIVE DETERIORATION
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RAIKIN, V. G.
 //PHYSIC.-FIZIKO-KHIMICHESKAYA MEKHANIKA MATERIALOV//
 00/00/1971,V0007,N0003, PP 0108-0110

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VARIATION OF THE PROPERTIES OF PVC FIBERS DURING
EXTENDED HEATING
NTC 77-11125-11E

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SYTYI, YU.
//PHYSIC.-FIZIKO-KHIMICHESKAYA MEKHANIKA MATERIALOV//
00/00/1971,V0007,N0004, PP 0084-0085
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PIPES
NTC 76-10372-07D

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KRIPYAKEVICH, R. I.
//PHYSIC.-FIZIKO-KHIMICHESKAYA MEKHANIKA MATERIALOV//
00/00/1971,V0007,N0006, PP 0047-0051
EFFECT OF OXIDE FILMS ON HYDROGEN PERMEABILITY OF
ALLOYS OF IRON WITH CHROMIUM AND ALUMINUM
NTC-73-11618

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VERESHCHAGIN, K. I.
//PHYSIC.-FIZIKO-KHIMICHESKAYA MEKHANIKA MATERIALOV//
00/00/1972,V0008,N0001, PP 0090-0091
CORROSION CRACKING IN CERTAIN LOW-ALLOY STEELS
WHEN USED IN PETROCHEMICAL EQUIPMENT
CEGB HB 8854

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ABRAMYAN, E. A.
//PHYSIC.-FIZIKO-KHIMICHESKAYA MEKHANIKA MATERIALOV//
00/00/1972,V0008,N0001, PP 0096-0098
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CURRENTS ON THE CREEP OF METALS
HB-8857

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SHEVELYA, V. V.
//PHYSIC.-FIZIKO-KHIMICHESKAYA MEKHANIKA MATERIALOV//
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ESTC-HT-23-535-74

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KOVALEV, V. V.
//PHYSIC.-FIZIKO-KHIMICHESKAYA MEKHANIKA MATERIALOV//
00/00/1972,V0008,N0003, PP 0021-0026
EFFECT OF THE DEGREE OF STRENGTHENING AND OF
THE ROUGHNESS OF BEARING SURFACES ON THEIR RATE
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HB 8892

000000300535

TSYPAK, V. I.
//PHYSIC.-FIZIKO-KHIMICHESKAYA MEKHANIKA MATERIALOV//
00/00/1972,V0008,N0006, PP 0024-0027
EFFECT OF FRETTING CORROSION OF THE FATIGUE
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HB 9082

000000275986

BEZRUCHKO, V. P.
//PHYSIC.-FIZIKO-KHIMICHESKAYA MEKHANIKA MATERIALOV//
00/00/1973,V0009,N0002, PP 0108-0109
WEAR RESISTANCE OF STEELS IMPROVED BY DIFFUSIVE
SURFACE TREATMENTS
HB 9165

000000020186

BARANOVSKIY, V. I.
//PHYSIC.-FIZIKO-KHIMICHESKAYA MEKHANIKA MATERIALOV//
00/00/1973,V0009,N0003, PP 0030-0032

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CHROMIUM PLATING OF STEEL UPON ITS
HYDROGEN EMBRITTLEMENT
HB 9177

000000020188

SHNEÝEROV, B. YA.
//PHYSIC.-FIZIKO-KHIMICHESKAYA MEKHANIKA MATERIALOV//
00/00/1973,V0009,N0003, PP 0103-0105
CORROSION RESISTANCE OF CAST-IRON ROLL MATERIALS
HB 9335

000000275987

KARPENKO, G. V.
//PHYSIC.-FIZIKO-KHIMICHESKAYA MEKHANIKA MATERIALOV//
00/00/1973,V0009,N0004, PP 0006-0012
THE MECHANISM OF HYDROGEN EMBRITTLEMENT
HB 9179

000000020189

GENEL, V. A.
//PHYSIC.-FIZIKO-KHIMICHESKAYA MEKHANIKA MATERIALOV//
00/00/1973,V0009,N0004, PP 0105-0107
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STEEL WHEN EXPOSED TO NITRATE SALTS AND
SOLUTIONS THEREOF
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BEZRUCHKO, Y. P.
//PHYSIC.-FIZIKO-KHIMICHESKAYA MEKHANIKA MATERIALOV//
00/00/1973,V0009,N0004, PP 0112-0113
FATIGUE AND CONTACT STRENGTH OF CHROMIZED 45
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HB 8407

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ROMANIV, O. N.
//PHYSIC.-FIZIKO-KHIMICHESKAYA MEKHANIKA MATERIALOV//
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TOUGHNESS OF TEMPERED STEELS
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KARLASHOV, A. V.
//PHYSIC.-FIZIKO-KHIMICHESKAYA MEKHANIKA MATERIALOV//
00/00/1974,V0010,N0001, PP 0024-0027
THE FATIGUE STRENGTH OF AN ALUMINUM ALLOY IN
PETROLEUM JET FUELS AT VARIOUS TEMPERATURES
NTC 75-12992-11F

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SERGEËVA, T. K.
//PHYSIC.-FIZIKO-KHIMICHESKAYA MEKHANIKA MATERIALOV//
00/00/1974,V0010,N0001, PP 0091-0092
CRITICAL COEFFICIENT OF STRESS CORROSION
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VASILENKO, I. I.
//PHYSIC.-FIZIKO-KHIMICHESKAYA MEKHANIKA MATERIALOV//
00/00/1974,V0010,N0001, PP 0092-0094
SUSCEPTIBILITY OF CARBON STEEL TO CRACKING
IN HYDROCHLORIC AND SULFURIC ACIDS
HB 9349

000000020184

MOISA, M. I.
//PHYSIC.-FIZIKO-KHIMICHESKAYA MEKHANIKA MATERIALOV//
00/00/1974,V0010,N0001, PP 0094-0096
CORROSION RESISTANCE OF AISI 5140 TYPE STEEL

AFTER A LASER TREATMENT
HB 9358

000000020187

LISIN, V. N.
//PHYSIC.-FIZIKO-KHIMICHESKAYA MEKHANIKA MATERIALOV//
00/00/1974,V0010,N0001, PP 0103-0105
FEATURES OF THE VARIATION IN FATIGUE STRENGTH
OF SOME METALS SUBJECTED TO PRELIMINARY
STRENGTHENING
HB 9373

000000020183

PIKH, V. S.
//PHYSIC.-FIZIKO-KHIMICHESKAYA MEKHANIKA MATERIALOV//
00/00/1974,V0010,N0001, PP 0106-0107
EFFECT OF PACK ALUMINIZING ON THE CREEP
OF A MEDIUM-CARBON STEEL
HB 9371

000000012177

PONOMARENKO, E. P.
//PHYSIC.-FIZIKO-KHIMICHESKAYA MEKHANIKA MATERIALOV//
00/00/1974,V0010,N0002, PP 0025-0029
PHYSICO-CHEMICAL PROPERTIES OF CARBON STEEL
WITH A VACUUM-DIFFUSIVE CHROMIUM COATING
HB 9439

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LEVITSKIY, M. O.
//PHYSIC.-FIZIKO-KHIMICHESKAYA MEKHANIKA MATERIALOV//
00/00/1974,V0010,N0002, PP 0107-0109
EFFECT OF HEAT TREATMENT ON THE KINETICS
OF CRACK DEVELOPMENT IN CARBON STEELS
SUBJECTED TO CYCLIC DEFORMATION IN ACTIVE
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HB 9457

000000018483

TRACHENKO, N. N.
//PHYSIC.-FIZIKO-KHIMICHESKAYA MEKHANIKA MATERIALOV//
00/00/1974,V0010,N0002, PP 0109-0111
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000000011262

KOVAL, V. P.
//PHYSIC.-FIZIKO-KHIMICHESKAYA MEKHANIKA MATERIALOV//
00/00/1974,V0010,N0002, PP 0113-0115
ACCELERATED TESTS OF STEELS FOR THEIR
SUSCEPTIBILITY OF HYDROGEN SULFIDE CRACKING
HB 9431

000000050825

KOVAL, V. P.
//PHYSIC.-FIZIKO-KHIMICHESKAYA MEKHANIKA MATERIALOV//
00/00/1974,V0010,N0002, PP 0113-0115
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SUSCEPTIBILITY TO HYDROGEN SULFIDE CRACKING
HB 9431

000000029374

ZBOZHNYA, O. M.
//PHYSIC.-FIZIKO-KHIMICHESKAYA MEKHANIKA MATERIALOV//
00/00/1974,V0010,N0003, PP 0065-0067
REDISTRIBUTION OF THE PRINCIPAL COMPONENTS
OF TYPE 18-9II STEEL AFTER BERYLLIUM
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HB 9386

KUZNETSOV, V. Y.
 //PHYSIC.-FIZIKO-KHIMICHESKAYA MEKHANIKA MATERIALOV//
 00/00/1974,V0010,N0003, PP 0097-0098
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 SILICON IRON WITH HYDROGENATION AND ULTRASONIC
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 HB 9436

000000012174

IVANOV, V. S.
 //PHYSIC.-FIZIKO-KHIMICHESKAYA MEKHANIKA MATERIALOV//
 00/00/1974,V0010,N0004, PP 0023-0026
 STRESS DISTRIBUTION ALONG A FIBER DURING DEFORM-
 ATION OF VARIOUS COMPOSITES
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