

SURFACE MELT OF THE BACKING UTUNT1	#	00000094689
DIVNOV, I. I. //PHYSIC.-FIZIKA GORENIYA I VZRYVA// 00/00/1976,V0012,N0006, PP 0959-0962 EXPLOSIVE MAGNETIC GENERATOR WITH INDUCTIVE LOAD 6 PP OLD COPYRIGHT INFO REFER OTHERS TO FSTC ARM/FSTC-AST17301-006-77	#	
STRUNIN, V. A. //PHYSIC.-FIZIKA GORENIYA I VZRYVA// 00/00/1977,V----,N0001, PP 0003-0009 STATIONARY COMBUSTION OF DECOMPOSING AND EVAPORATING CONDENSED SUBSTANCES CSO: 8044/022-A 78 COMPLETE SPECIAL	#	000000091900
BATALOV, M. V. //PHYSIC.-FIZIKA GORENIYA I VZRYVA// 00/00/1977,V----,N0003, PP 0416-0420 ANALYSIS OF DETONATION TRIGGERING BY SHOCK WAVES OLD COPYRIGHT INFO REFER OTHERS TO NISC NAV/NISC/TRAN-4002-78	#	000000140485
KSANDOPULO, G. I. //PHYSIC.-FIZIKA GORENIYA I VZRYVA// 00/00/1977,V0013,N----, PP 0641-0644 LOW TEMPERATURE ZONE OF THE FRONT OF HYDROCARBON FLAMES. PART VI. OXIDATION OF HEXANE NEAR THE FLAME FRONT NTC 78-12460-21B	#	000000146973
BABKIN, V. S. //PHYSIC.-FIZIKA GORENIYA I VZRYVA// 00/00/1977,V0013,N0001, PP 0024-0029 INITIAL STAGE OF GAS COMBUSTION IN CLOSED VOLUME NTC 78-10450-21B	#	000000151159
BURENIN, YU. A. //PHYSIC.-FIZIKA GORENIYA I VZRYVA// 00/00/1977,V0013,N0001, PP 0130-0132 INVESTIGATION OF AN EXPLOSION -DRIVEN COAXIAL MHD GENERATOR 7 PP FSTC-AST18401-126-77	#	000000086718
DENISYUK, A. P. //PHYSIC.-FIZIKA GORENIYA I VZRYVA// 00/00/1977,V0013,N0001, PP 0138-0141 THE EFFECTS OF CATALYSTS ON THE COMBUSTION OF DINA OLD COPYRIGHT INFO REFER OTHERS TO FSTC ARM/FSTC-AST 18501-057-77	#	000000258276
YERMDLAEV, B. S. //PHYSIC.-FIZIKA GORENIYA I VZRYVA// 00/00/1977,V0013,N0002, PP 0169-0175 ON THE THEORY OF STATIONARY CONVE CTIVECOMBUSTION NTC 78-12000-07D	#	000000141148
AZATYAN, T. S. //PHYSIC.-FIZIKA GORENIYA I VZRYVA// 00/00/1977,V0013,N0002, PP 0186-0188 SPECTRAL-OPTICAL INVESTIGATION OF THE COMBUSTION	#	000000139339

MECHANISM OF A TITANIUM MIXTURE WITH CARBON NTC 78-11145-218	
ZHURIN, V. V. //PHYSIC.-FIZIKA GORENIYA I VZRYVA// 00/00/1978,V----,N0003, PP 0156-0159 SOME RESULTS OF WORK OF THE ELEVENTH INTERNATIONAL SYMPOSIUM ON SHOCK TUBES AND SHOCK WAVES 6 PP CSO: 8144/0478-B-81-COMPLETED SPECIAL	00000267112
SEMYEOV, N. N. //PHYSIC.-FIZIKA GORENIYA I VZRYVA// 00/00/1979,V----,N0006, PP 0163-0165 YULIY BORISOVICH KHARITON ON THE OCCASION OF HIS SEVENTY-FIFTH BIRTHDAY 5 PP CSO: 8144/0478-B1-A-COMPLETED SPECIAL	00000267111
TESNER, P. A. //PHYSIC.-FIZIKA GORENIYA I VZRYVA// 00/00/1979,V0015,N----, PP 0003-0014 MAR-APR 1979 SOOT FORMATION DURING COMBUSTION 15 PP CSO: 8044/0986-B1-COMPLETED SPECIAL	00000298139
KTALKHERMAN, M. G. //PHYSIC.-FIZIKA GORENIYA I VZRYVA// 00/00/1979,V0015,N0001, PP 0084-0089 JAN-FEB 1979 THE FLOW FIELD AND GAINS IN THE RESONATOR CAVITY OF A GAS DYNAMIC LASER USING KEROSENE COMBUSTION PRODUCTS. A TWO-DIMENSIONAL CALCULATION AND EXPERIMENTAL COMPARISON 8 PP DUO JPRS L/8540	00000169682
KRAVCHENKO, L. S. //PHYSIC.-FIZIKA GORENIYA I VZRYVA// 00/00/1979,V0015,N0001, PP 0084-0102 JAN-FEB 1979; ALSO PP 119-125 PHYSICS OF COMBUSTION AND EXPLOSION 32 PP DUO JPRS L/8540	00000169692
LAVROY, A. V. //PHYSIC.-FIZIKA GORENIYA I VZRYVA// 00/00/1979,V0015,N0001, PP 0089-0097 JAN-FEB 1979 A NUMERICAL ANALYSIS OF THE VIBRATIONAL MODE OF A CH CHEMICAL HF LASER 11 PP DUO JPRS L/8540	00000169683
YEFIMOV, B. G. //PHYSIC.-FIZIKA GORENIYA I VZRYVA// 00/00/1979,V0015,N0001, PP 0097-0102 JAN-FEB 1979 AN EXPERIMENTAL STUDY OF THE INFLUENCE OF THE MIXING CONDITIONS IN A LAVAL NOZZLE ON THE GAIN IN A SUPERSONIC FLOW 8 PP DUO JPRS L/8540	00000169684
GENERALOV, N. A. //PHYSIC.-FIZIKA GORENIYA I VZRYVA//	00000169685

00/00/1979,V0015,N0001, PP 0119-0121 JAN-FEB 1979 AN EXPERIMENTAL STUDY OF THE DISSOCIATION OF IODINE AND BROMINE MOLECULES IN MIXTURES OF I2-HE AND BR2-HE AT HIGH TEMPERATURES 5 PP DUO JPRS L/8540	000000169686
KUDRYAVTSEV, N. N. //PHYSIC.-FIZIKA GORENIYA I VZRYVA// 00/00/1979,V0015,N0001, PP 0122-0125 JAN-FEB 1979 THE VIBRATIONAL BAND TEMPERATURE OF CARBON DIOXIDE GAS IN A CO2 + N2 + H2 GAS DYNAMIC LASER 5 PP DUO JPRS L/8540	000000312300
ANDSOV, A. P. //PHYSIC.-FIZIKA GORENIYA I VZRYVA// 00/00/1980,V0016,N0002, PP 0145-0147 THE THEORY OF THE EFFECT OF SHOCK ON A THIN PLASTIC LAYER FSTC-HT-0858-81	000000278273
UNKNOWN //PHYSIC.-FIZIKA GORENIYA I VZRYVA// 00/00/1980,V0016,N0003, PP 0040-0047 ALSO PP 73-78, 127-134, MAY-JUNE 1980 PHYSICS OF COMBUSTION AND EXPLOSION (SELECTED ARTICLES) 48 PP DUO COPYRIGHT INFO REFER OTHERS TO FTD/STINFO AIR/FTD-ID(RS)T-1641-80	000000289103
TITOV, V. M. //PHYSIC.-FIZIKA GORENIYA I VZRYVA// 00/00/1980,V0016,N0005, PP 0047-0056 GENERATION OF HIGH POWER ELECTRICAL PULSES BY MEANS OF A CUMULATIVE EXPLOSION 13 PP DUO COPYRIGHT INFO REFER OTHERS TO FSTC ARM/FSTC/HT-977-81	000000306534
TITOV, V. M. //PHYSIC.-FIZIKA GORENIYA I VZRYVA// 00/00/1980,V0016,N0005, PP 0047-0056 GENERATION OF HIGH-POWER ELECTRICAL PULSES BY MEANS OF CUMULATIVE EXPLOSION FSTC HT-0742-81	000000306329
ROMANOV, G. S. //PHYSIC.-FIZIKA GORENIYA I VZRYVA// 00/00/1981,V0017,N0006, PP 0077-0082 NOV-DEC 1981 NUMERICAL MODELING OF GASDYNAMIC PROCESSES OCCURRING WHEN LASER EMISSION WITH MODERATE FLUX DENSITY ACTS ON METALLIC OBSTACLE IN AIR 7 PP DUO JPRS L/10379	000000174591
BRZYSKA, W. //PHYSIC.-FIZIKA I CHEMIA// 00/00/1969,V----,N0016, PP 0121-0123 SOLUBILITY OF THE TEREPHTHALATES OF THE LIGHT LANTHANIDES AND OF YTTRIUM 3 PP ATS 528135P	

<p>LYAPKIN, S. A. //PHYSIC.-FIZIKA I KHIMICHESKAYA ISSLEDOVANIYA METALLY PROCESS// 00/00/1974,V----,N0002, PP 0102-0110 THE KINETICS OF INTERACTION OF SILICON CARBIDE WITH IRON BEARING SLAGS BLD: 9023.19</p>	000000278760
<p>MAKARENKO, V. G. //PHYSIC.-FIZIKA I KHIMICHESKAYA MEKhanIKA MATERIALOV// 00/00/1975,V0011,N0002, PP 0105-0106 ASSESSMENT OF THE CORROSION RESISTANCE OF CHROME ALUMINIUM STEELS IN AN ATMOSPHERE OF SUPERHEATED STREAM HB 9690</p>	000000035331
<p>KPEICH, T. YU. //PHYSIC.-FIZIKA I KHIMICHESKAYA MEKhanIKA MATERIALOV// 00/00/1975,V0011,N0003, PP 0115-0116 STRESS DISTRIBUTION AROUND A SINGLE CRACK UNDER INTERNAL PRESSURE HB 9701</p>	000000035333
<p>REDCHITS, V. V. //PHYSIC.-FIZIKA I KHIMICHESKIYE OBRABOTKI MATERIALOV// 00/00/1977,V0011,N0002, PP 0123-0129 THE KINETICS OF GROWTH OF GAS BUBBLES IN THE POOL OF ACTIVE METALS BLD 9023.19 (1947/77)</p>	000000309783
<p>SOMOV, A. I. //PHYSIC.-FIZIKA I KHIMIYA OBRABOTKI MATERIALOV // 00/00/1980,V----,N0003, PP 0140-0144 THE EFFECT OF PLASTIC DEFORMATION ON THE INTERNAL FRICTION OF THE COMPOSITE MATERIAL, NIOBIUM- TITANIUM ALLOY-COPPER OLD COPYRIGHT INFO REFER OTHERS TO FTD/STINFO AIR/FTD-IDIRSIT-1257-80</p>	000000253553
<p>RYKALOV, N. N. //PHYSIC.-FIZIKA I KHIMIYA OBRABOTKA MATERIALOV// 00/00/1981,V----,N0001, PP 0007-0018 DEVELOPMENT OF THERMOPHYSICAL FOUNDATIONS OF TECHNOLOGICAL PROCESSES #FTD-IDIRSIT-0672-81</p>	000000278345
<p>RYKALOV, N. N. //PHYSIC.-FIZIKA I KHIMIYA OBRABOTKA MATERIALOV// 00/00/1981,V----,N0001, PP 0007-0018 DEVELOPMENT OF THERMOPHYSICAL FOUNDATIONS OF TECHNOLOGICAL PROCESSES #FTD-IDIRSIT-0672-81</p>	000000283231
<p>MINKO, L. YA. //PHYSIC.-FIZIKA I KHIMIYA OBRABOTKI MATERIALOV // 00/00/1979,V----,N0001, PP 0031-0036 THE STUDY OF LASER RADIATION REFLECTION UNDER ITS DECOMPOSING ACTION ON OPAQUE DIELECTRICS 6 PP #FTD-IDIRSIT-0004-81</p>	000000309444
<p>LOGVINENKO, YU. S. //PHYSIC.-FIZIKA I KHIMIYA OBRABOTKI MATERIALOV// // 00/00/1970,V----,N0004, PP 0120-0123</p>	000000268036

KINETICS OF PHASE TRANSFORMATION IN THE COPPER ZINC SYSTEM NTIS TT 79-58148	
MIRKIN, L. I. //PHYSIC.-FIZIKA I KHIMIYA OBRABOTKI MATERIALOV// 00/00/1967,V----,N0001, PP 0105-0113 HARDENING OF STEEL WITH HIGH-SPEED DEFORMATION IN WIDE TEMPERATURE RANGE 24 PP FTD-ID(IRS)T-0231-80	000000224803
MARTOVA, T. T. //PHYSIC.-FIZIKA I KHIMIYA OBRABOTKI MATERIALOV// 00/00/1967,V----,N0006, PP 0040-0045 NOVEMBER DECEMBER 1967 EFFECT OF MECHANICAL AND HEAT TREATMENT ON HIGH-TEMPERATURE STRENGTH OF TITANIUM ALLOY ST-1 10 PP AIR/FTD-ID(IRS)I-1276-76	000000067013
KAPORSKIY, L. N. //PHYSIC.-FIZIKA I KHIMIYA OBRABOTKI MATERIALOV// 00/00/1968,V----,N0001, PP 0003-0010 EFFECT OF θ -SPOILED LASER PULSE ON STEEL 17 PP AIR/FTD/ID(IRS)I-1555-76	000000079107
LIBENSON, M. N. //PHYSIC.-FIZIKA I KHIMIYA OBRABOTKI MATERIALOV// 00/00/1968,V----,N0002, PP 0003-0011 THE HEATING AND DESTRUCTION OF THIN FILMS BY LASER RADIATION 14 PP AIR/FTD-ID(IRS)I-1556-76	000000079343
BARANOVA, V. I. //PHYSIC.-FIZIKA I KHIMIYA OBRABOTKI MATERIALOV// 00/00/1968,V----,N0002, PP 0061-0065 INELASTIC EFFECTS IN MOLYBDENUM DUE TO DIFFUSION #LB/G/711/006	000000101674
SAAKYAN, I. M. //PHYSIC.-FIZIKA I KHIMIYA OBRABOTKI MATERIALOV// 00/00/1968,V0002,N0002, PP 0079-0086 MECHANISM OF THE EFFECT OF RHENIUM ON THE TENDENCY OF REFRACTORY METALS TO BRITTLE FRACTURE AERE LB/G/402/10	000000206246
KARAKOZOV, E. S. //PHYSIC.-FIZIKA I KHIMIYA OBRABOTKI MATERIALOV// 00/07/1968,V----,N0004, PP 0059-0065 SOME PARTICULARS ON PRESSURE WELDING OF TITANIUM AND ITS ALLOYS WITH HEAT 11 PP AIR/FTD-ID(IRS)I-1277-76	000000067014
BARCHUKOV, A. I. //PHYSIC.-FIZIKA I KHIMIYA OBRABOTKI MATERIALOV// 00/00/1969,V----,N0006, PP 0126-0129 PHASE CONVERSIONS IN STEEL UNDER THE INFLUENCE OF A BEAM FROM A CONTINUOUS ACTION LASER 8 PP OLD COPYRIGHT INFO REFER OTHERS TO FTD/STINFO FTD-ID(IRS)T-0228-80	000000214779
KRIVENTSOV, A. N. //PHYSIC.-FIZIKA I KHIMIYA OBRABOTKI MATERIALOV// 00/00/1969,V0003,N0001, PP 0132-0141	000000268825

<p>ROLE OF THE PLASTIC DEFORMATION OF THE METAL IN THE JOINT ZONE DURING EXPLOSIVE WELDING NTC-73-12890</p>	00000079098
<p>ZAKHAROV, V. P. //PHYSIC.-FIZIKA I KHIMIYA OBRABOTKI MATERIALOV// 00/00/1970,V----,N0005, PP 0055-0060 SEP-OCT 1970 KINETICS OF STRUCTURAL CHANGES IN THIN FILMS OF GERMANIUM AND CARBON AS THEY REACT WITH LASER RADIATION 15 PP AIR/FTD/IDIRS11-1551-76</p>	00000020460
<p>KULAGIN, I. D. //PHYSIC.-FIZIKA I KHIMIYA OBRABOTKI MATERIALOV// 00/00/1970,V----,N0005, PP 0137-0139 SIMILARITY OF INDUCTION DISCHARGES INVOLVING HEATING OF THE GAS NTC 74 13143-20M</p>	000000237038
<p>SHASHKOV, D. P. //PHYSIC.-FIZIKA I KHIMIYA OBRABOTKI MATERIALOV// 00/00/1970,V----,N0006, PP 0031-0035 KINETICS OF THE SESRESATION OF GASEDUS IMPURITIES ALONG THE GRAIN BOUNDARIES OF INTERMETALLIC COMPOUNDS *NTIS TT 80-58225</p>	000000286677
<p>SHASHKOV, D. P. //PHYSIC.-FIZIKA I KHIMIYA OBRABOTKI MATERIALOV// 00/00/1970,V----,N0006, PP 0031-0035 STUDY OF THE KINETICS OF SEGREGATION OF GASEOUS IMPURITIES ALONG THE GRAIN BOUNDARIES OF THE INTERMETALLIC COMPOUNDS NTC 81-10343-11F</p>	000000217233
<p>KURAPOV, YU. //PHYSIC.-FIZIKA I KHIMIYA OBRABOTKI MATERIALOV// 00/00/1970,V0004,N0004, PP 0037-0042 MECHANISM OF THE REMOVAL OF COPPER DURING ELECTRON BEAM MELTING OF STEEL BILL TT 72 53023</p>	00000003544
<p>BORISOV, A. A. //PHYSIC.-FIZIKA I KHIMIYA OBRABOTKI MATERIALOV// 00/00/1970,V0006,N0002, PP 0186-0195 THE CALCULATION OF DETONATION WAVE PARAMETERS IN GASES AND TWO PHASE SYSTEMS FSTC-WT-23-1208-73</p>	000000095161
<p>LIBENSON, M. N. //PHYSIC.-FIZIKA I KHIMIYA OBRABOTKI MATERIALOV// 00/00/1970,V0010,N0005, PP 0009-0013 ON THE THERMAL DISTORTION OF PATTERNS DURING THE PROJECTION PROCESS IN THE TREATMENT OF FILMS WITH LASER RADIATION FLC 75-40</p>	00000030287
<p>BUSALOV, YU. YE //PHYSIC.-FIZIKA I KHIMIYA OBRABOTKI MATERIALOV// 00/00/1971,V----,N0001, PP 0057-0069 METAL FIBER REINFORCED CERAMICS (SURVEY) FSTC-WT-23-226-75</p>	

<p>FEDOSEYEV, O. B. //PHYSIC.-FIZIKA I KHIMIYA OBRABOTKI MATERIALOV// 00/00/1971,V----,N0001, PP 0110-0116 A PHYSICAL THEORY OF ABRASION SHRE 6252</p>	000000219521
<p>RYKALIN, M. N. //PHYSIC.-FIZIKA I KHIMIYA OBRABOTKI MATERIALOV// 00/00/1971,V----,N0002, PP 0003-0008 MAR-APR 1971 CALCULATING THE HEATING OF FILMS BY LASER RADIATION 13 PP AIR/FTD/ID(IRS)I-1552-76</p>	000000079097
<p>UGLOV, A. //PHYSIC.-FIZIKA I KHIMIYA OBRABOTKI MATERIALOV// 00/00/1971,V----,N0002, PP 0166-0167 SEMINAR ON THE PHYSICS AND CHEMISTRY OF WORKING MATERIALS WITH CONCENTRATED STREAMS OF ENERGY FTD-ID(IRS)I-2493-75</p>	000000042249
<p>IVANOVA, V. S. //PHYSIC.-FIZIKA I KHIMIYA OBRABOTKI MATERIALOV// 00/00/1971,V----,N0003, PP 0043-0053 ON A GENERAL REGULARITY IN THE VARIATION OF THE MECHANICAL PROPERTIES OF METALS AND ALLOYS UNDER VARIOUS LOAD CONDITIONS FSTC-HT-23-0627-74</p>	000000004192
<p>KRISHITAL, M. A. //PHYSIC.-FIZIKA I KHIMIYA OBRABOTKI MATERIALOV// 00/00/1971,V----,N0003, PP 0109-0112 MUTUAL DIFFUSION IN THE FE-CU SYSTEMS NTC 80-10546-11F</p>	000000226549
<p>VAINERMAN, A. E. //PHYSIC.-FIZIKA I KHIMIYA OBRABOTKI MATERIALOV// 00/00/1971,V----,N0005, PP 0108-0114 STRUCTURE OF HARD-FACING CU ALLOYS ON STEEL *NTIS TT 79-58147</p>	000000268035
<p>IVANOVA, V. S. //PHYSIC.-FIZIKA I KHIMIYA OBRABOTKI MATERIALOV// 00/00/1971,V0005,N0003, PP 0043-0053 ON A GENERAL REGULARITY IN THE VARIATION OF THE MECHANICAL PROPERTIES OF THE METALS AND ALLOYS UNDER VARIOUS LOAD CONDITIONS 23 PP NTC, NTIS: BLLD, TIB AD/A-001 227/8SL</p>	000000237293
<p>SHCHEL'KIN, YU. F. //PHYSIC.-FIZIKA I KHIMIYA OBRABOTKI MATERIALOV// 00/00/1971,V0005,N0004, PP 0036-0042 EFFECT OF HEAT TRANSFER AT THE PHASE BOUNDARY ON THE SHAPE OF THE CRYSTALLIZATION FRONT DURING CZOCHEWALSKI GROWING OF SINGLE CRYSTALS NTC-74-10356 BLL 8036.625(386)</p>	000000143918
<p>GUREVICH, YA. B. //PHYSIC.-FIZIKA I KHIMIYA OBRABOTKI MATERIALOV// 00/00/1971,V0005,N0004, PP 0071-0076 COMBINED STRENGTHENING OF STEEL USING HYDRAULIC EXTRUSION</p>	000000268821

MLL RYS-7346, NTC-73-12290 #	
BARTENEV, G. M. //PHYSIC.-FIZIKA I KHIMIYA OBRABOTKI MATERIALOV// 00/00/1971,V0005,N0006, PP 0017-0023 TO THE THEORY OF PROCESS OF HEAT TREATMENT INORGANIC GLASSES. HEATING AND COOLING IN GLASS PLATE CBT:BF 73-A/50 #	000000163315
ZYMAN, Z. Z. //PHYSIC.-FIZIKA I KHIMIYA OBRABOTKI MATERIALOV// 00/00/1971,V0007,N0001, PP 0121-0123 BULK DIFFUSION AND CATALYTIC OXIDATION IN THIN SILVER-PALLADIUM COMPOUND FILMS NTC 76-10937-20L #	000000095162
LIDORENKO, N. S. //PHYSIC.-FIZIKA I KHIMIYA OBRABOTKI MATERIALOV// 00/02/1971,V----,N0002, PP 0053-0059 DISPERSION HARDENING OF SOME THERMOELECTRIC MATERIALS 22 PP FTD-ID(RS)T-1848-77 #	000000094486
RYKALIN, N. N. //PHYSIC.-FIZIKA I KHIMIYA OBRABOTKI MATERIALOV// 00/00/1972,V----,N----, PP 0014-0021 NOV-DEC 1972 EFFECT OF LASER RADIATION ON IRON ALLOYS 21 PP AIR/FTD/ID(RS)I-1550-76 #	000000079253
SKAZIN, V. E. //PHYSIC.-FIZIKA I KHIMIYA OBRABOTKI MATERIALOV// 00/00/1972,V----,N0003, PP 0086-0090 RESEARCH WITH AN EMISSION MICROSCOPE INTO A COPPER ZIRCONIUM ALLOY AFTER INTERNAL OXIDATION NTC 74-11753-11F #	000000006539
FISHKIS, YE. YA. //PHYSIC.-FIZIKA I KHIMIYA OBRABOTKI MATERIALOV// 00/00/1972,V----,N0004, PP 0119-0122 NEW METHOD OF PREPARING THE STEEL-ALUMINUM BIMETAL 5 PP DISTRIBUTION LIMITED TO U.S. GOV'T AGENCIES ONLY COPYRIGHT INFORMATION. REFER TOTHER TO FTD AIR/FTD-HC-23-2545-74 #	000000007630
ZAKHAROV, V. P. //PHYSIC.-FIZIKA I KHIMIYA OBRABOTKI MATERIALOV// 00/00/1972,V----,N0004, PP 0149-0152 EFFECT OF PHASE TRANSITION ON SHF-CONDUCTIVITY OF THIN GERMANIUM FILMS 11 PP AIR/FTD/ID(RS)I-1549-76 #	000000079229
GRYAZNOV, I. M. //PHYSIC.-FIZIKA I KHIMIYA OBRABOTKI MATERIALOV// 00/00/1972,V----,N0005, PP 0008-0010 INVESTIGATION OF ZONES OF MELT AND THERMAL EFFECT IN METALS UNDER THE EFFECT OF LASER EMISSION OF DIFFERENT DURATION 6 PP OLD COPYRIGHT INFO REFER OTHERS TO FTD/STINFO FTD-ID(RS)T-0230-80 #	000000214773
ANTONOVA, YE. A.	000000008988

<p>//PHYSIC.-FIZIKA I KHIMIYA OBRABOTKI MATERIALOV// 00/00/1972,V----,N0005, PP 0031-0037 STUDY OF THE TEMPERATURE CONDITIONS FOR THE FORMATION OF AND THE SERVICE LIFE OF NI-CR-SI-B COATINGS 10 PP AIR/FTD-WT-23-611-74</p>	
<p>ANTONOVA, E. A. //PHYSIC.-FIZIKA I KHIMIYA OBRABOTKI MATERIALOV// 00/00/1972,V----,N0005, PP 0031-0037 STUDY OF THE TEMPERATURE CONDITIONS FOR THE FORMATION OF THE SERVICE LIFE OF NI-CR-SI-B COATINGS 15 PP NSA</p>	00000008984
<p>ABRAMOV, D. V. //PHYSIC.-FIZIKA I KHIMIYA OBRABOTKI MATERIALOV// 00/00/1972,V----,N0005, PP 0064-0067 THE EFFECT OF ULTRASONICS ON THE STRUCTURE AND PROPERTIES OF PURE METALS NTC 74-10505-11F</p>	00000006194
<p>GORSHKOV, A. I. //PHYSIC.-FIZIKA I KHIMIYA OBRABOTKI MATERIALOV// 00/00/1972,V----,N0005, PP 0140-0143 EFFECT OF HYDROGEN ON KINETICS OF COLD CRACK DEVELOPMENT IN TITANIUM AFTER WELDING 8 PP AIR/FTD-IDIRS11-1552-75</p>	000000045065
<p>BETANELI, A. I. //PHYSIC.-FIZIKA I KHIMIYA OBRABOTKI MATERIALOV// 00/00/1972,V----,N0006, PP 0022-0026 INVESTIGATION OF POSSIBLE ADDITIONAL SURFACE ALLOYING OF R18 STEEL USING A LASER BEAM NTC 79-11810-11F</p>	000000188812
<p>BONDARENKO, G. G. //PHYSIC.-FIZIKA I KHIMIYA OBRABOTKI MATERIALOV// 00/00/1972,V----,N0006, PP 0047-0050 EFFECT OF ELECTRON IRRADIATION ON MECHANICAL PROPERTIES AND STRUCTURE OF ALUMIUM FSTC-HT-23-29-74</p>	000000003547
<p>SHORSHOROV, M. KH. //PHYSIC.-FIZIKA I KHIMIYA OBRABOTKI MATERIALOV// 00/00/1972,V----,N0006, PP 0089-0094 STRENGTHENING OF TITANIUM ALLOYS DURING THEIR PROCESSING UNDER HYPERPLASTICITY CONDITIONS 15 PP AIR/FTD-IDIRS1T-1553-75</p>	000000014064
<p>VASILIEVA, A. G. //PHYSIC.-FIZIKA I KHIMIYA OBRABOTKI MATERIALOV// 00/00/1972,V0006,N0002, PP 0067-0072 INCREASING THE BRITTLE FRACTURE RESISTANCE OF STEEL BY DEFORMATION IN THE QUENCHED CONDITION VER VR/273/74</p>	000000206239
<p>GUL, YU. P. //PHYSIC.-FIZIKA I KHIMIYA OBRABOTKI MATERIALOV// 00/00/1972,V0006,N0002, PP 0073-0078 THE ROLE OF INTERACTION OF DISLOCATION IN THE STARIN AGEING OF IRON VER VR/270-74</p>	000000206242

BARON, V. V. //PHYSIC.-FIZIKA I KHIMIYA OBRABOTKI MATERIALOV// 00/00/1972,V0006,N0002, PP 0085-0090 EFFECT OF HEAT TREATMENT ON THE SUPERCONDUCTING PROPERTIES OF NIOBIUM ALLOYS VER VRI/277/74 #	000000178934
SKAZIN, V. YE. //PHYSIC.-FIZIKA I KHIMIYA OBRABOTKI MATERIALOV// 00/00/1972,V0006,N0003, PP 0086-0090 RESEARCH WITH AN EMISSION MICROSCOPE INTO A COPPER-ZIRCONIUM ALLOY AFTER INTERNAL OXIDATION NTC-74-11753 AS RTS-8525 #	000000197478
KOMAROV, M. A. //PHYSIC.-FIZIKA I KHIMIYA OBRABOTKI MATERIALOV// 00/00/1972,V0006,N0003, PP 0091-0093 CHEMICAL INHOMOGENEITY OF WELD JOINTS OF ALUMINIUM-BERYLLIUM ALLOY 9 PP NTC, NTIS: BLLD, TIB AD/A-004 515/3ST #	000000236231
ABRAMOV, O. V. //PHYSIC.-FIZIKA I KHIMIYA OBRABOTKI MATERIALOV// 00/00/1972,V0006,N0005, PP 0064-0067 THE EFFECT OF ULTRASONICS ON THE STRUCTURE AND PROPERTIES OF PURE METALS NTC-74-10505 #	000000272905
BONDARENKO, G. G. //PHYSIC.-FIZIKA I KHIMIYA OBRABOTKI MATERIALOV// 00/00/1972,V0006,N0006, PP 0047-0050 EFFECT OF ELECTRON IRRADIATION ON MECHANICAL PROPERTIES OF AND STRUCTURE OF ALUMINUM 11 PP TIB AD-784 321/2 #	000000240302
KARPINOS, D. M. //PHYSIC.-FIZIKA I KHIMIYA OBRABOTKI MATERIALOV// 00/00/1972,V0006,N0006, PP 0107-0113 EFFECT OF ALLOYING A NICKEL MATRIX WITH THE METAL OF REINFORCING FIBERS ON STRUCTURAL STABILITY OF NICKEL-TUNGSTEN AND NICKEL MOLYBDENUM COMPOSITE MATERIALS TIB AD-783 746/1 #	000000240218
SKAZIN, V. E. //PHYSIC.-FIZIKA I KHIMIYA OBRABOTKI MATERIALOV// 00/00/1972,V0016,N0003, PP 0086-0090 RESEARCH WITH AN EMISSION MICROSCOPE INTO A COPPER-ZIRCONIUM ALLOY AFTER INTERNAL OXIDATION 10 PP BLL 8052.98 F:RTS 8525 #	000000272618
BOCHVAR, N. R. //PHYSIC.-FIZIKA I KHIMIYA OBRABOTKI MATERIALOV// 00/05/1972,V----,N----, PP 0054-0059 CERTAIN PROPERTIES OF PRESSED ALUMINUM EUTECTIC ALLOYS FSTC-HT-23-0418-74 #	000000003543
GUREVICH, G. L. //PHYSIC.-FIZIKA I KHIMIYA OBRABOTKI MATERIALOV// 00/00/1973,V----,N0001, PP 0003-0008 EFFECT OF LASER RADIATION ON THIN FILMS NTC 74-12332-20L #	000000004357

<p>ANDREYEV, V. G. //PHYSIC.-FIZIKA I KHIMIYA OBRABOTKI MATERIALOV// 00/00/1973,V----,N0001, PP 0027-0031 THERMOPLASTIC STRESS IN A PLATE WITH A TIME-ARBITRARY CYLINDRICAL SOURCE 10 PP OLD COPYRIGHT INFO REFER OTHER TO FTD/STINFO FTD-ID(IRS)T-0107-80</p>	000000221721
<p>CHUBUKOV, A. S. //PHYSIC.-FIZIKA I KHIMIYA OBRABOTKI MATERIALOV// 00/00/1973,V----,N0001, PP 0032-0038 SOME CASES OF CALCULATION OF MAXIMUM HEATING TEMPERATURES DURING WELDING 8 PP OLD COPYRIGHT INFO REFER OTHERS TO NAV/NISC NISC 6622</p>	000000299384
<p>CHUBUKOV, A. S. //PHYSIC.-FIZIKA I KHIMIYA OBRABOTKI MATERIALOV// 00/00/1973,V----,N0001, PP 0032-0038 SOME CASES OF CALCULATION OF MAXIMUM HEATING TEMPERATURES DURING WELDING 8 PP OLD COPYRIGHT INFO IT IS NOT IN THE PUBLIC DOMAIN NAV/NISC TR NO. 6622</p>	000000311889
<p>CHUBUKOV, A. S. //PHYSIC.-FIZIKA I KHIMIYA OBRABOTKI MATERIALOV// 00/00/1973,V----,N0001, PP 0032-0038 SOME CASES OF CALCULATION OF MAXIMUM HEATING TEMPERATURES DURING WELDING 9 PP OLD COPYRIGHT INFO REFER OTHERS TO NISC NAV/NISC/TRAN-6622-81</p>	000000313707
<p>UNKNOWN //PHYSIC.-FIZIKA I KHIMIYA OBRABOTKI MATERIALOV// 00/00/1973,V----,N0002, PP 0141-0142 ALSO PP 157-159 PHYSICS AND CHEMISTRY OF PROCESSING MATERIALS (SELECTED ARTICLES) 15 PP AIR/FTD/ID(IRS)I-1547-76</p>	000000079113
<p>GULYAYEVA, A. S. //PHYSIC.-FIZIKA I KHIMIYA OBRABOTKI MATERIALOV// 00/00/1973,V----,N0003, PP 0017-0021 CHANGES IN THE STRUCTURE OF GALLIUM ARSENIDE UNDER THE INFLUENCE OF LASER RADIATION 10 PP OLD COPYRIGHT INFORMATION REFER OTHER REQUEST TO FSTC ARM/FSTC/AST 1840I-048-75</p>	000000066117
<p>ALEKSANDROV, V. I. //PHYSIC.-FIZIKA I KHIMIYA OBRABOTKI MATERIALOV// 00/00/1973,V----,N0003, PP 0030-0033 THE SPACE TIME DISTRIBUTION OF LASER EMISSION WITH GENERATION DURATION ON THE ORDER OF 1 MS AND ITS INFLUENCE ON INTERACTION WITH A SUBSTANCE 10 PP OLD COPYRIGHT INFO REFER OTHERS TO FTD/STINFO FTD-ID(IRS)T-0164-80</p>	000000214799
<p>KRISHTAL, M. //PHYSIC.-FIZIKA I KHIMIYA OBRABOTKI MATERIALOV// 00/00/1973,V----,N0003, PP 0068-0073 INTERACTION OF IMPURITY ATOMS WITH DISLOCATIONS IN DILUTE COPPER SOLUTIONS NTIS TT 76-59192</p>	000000141217

<p>UGLOV, A. A. //PHYSIC.-FIZIKA I KHIMIYA OBRABOTKI MATERIALOV// 00/00/1973,V----,N0004, PP 0003-0007 DISTRIBUTION OF CERTAIN ELEMENTS IN THE EFFECTIVE ZONES OF A LASER BEAM DURING TREATMENT OF ALLOYS 9 PP GUD COPYRIGHT INFORMATION REFER OTHERS TO FTD AIR/FTD-IDIRSII-2290-75 #</p>	00000023077
<p>UNKNOWN //PHYSIC.-FIZIKA I KHIMIYA OBRABOTKI MATERIALOV// 00/00/1973,V----,N0004, PP 0007-0013 ALSO PP 19-21, 30-33 PHYSICS AND CHEMISTRY OF PROCESSING OF MATERIALS 32 PP GUD COPYRIGHT INFO REFER OTHERS TO FTD/STINFO AIR/FTD-IDIRSIT-0935-80 #</p>	000000228499
<p>GUREVICH, G. L. //PHYSIC.-FIZIKA I KHIMIYA OBRABOTKI MATERIALOV// 00/00/1973,V----,N0004, PP 0026-0029 JULY-AUGUST 1973 INFLUENCE OF THE TEMPERATURE DEPENDENCE OF THE REFLECTION COEFFICIENTS ON THE HEATING OF THIN FILMS BY LASER RADIATION 8 PP AIR/FTD-IDIRSII-1145-76 #</p>	000000260355
<p>SHORSHOROV, M. KH. //PHYSIC.-FIZIKA I KHIMIYA OBRABOTKI MATERIALOV// 00/00/1973,V----,N0004, PP 0072-0079 KINETICS OF EXO-ELECTRON EMISSION INTENSITY FROM ALUMINIUM DEFORMED BY EXTENSION IN VACUUM NTC 75-13202-11F #</p>	000000050258
<p>MINTS, R. I. //PHYSIC.-FIZIKA I KHIMIYA OBRABOTKI MATERIALOV// 00/00/1973,V----,N0004, PP 0118-0123 INVESTIGATION OF EXO-ELECTRONIC EMISSION IN THE OPERATION OF CONTACTS MADE FROM NOBLE METLS AND ALLOYS. NTC 76-11757-09A #</p>	000000116218
<p>KRASULIN, YU. L. //PHYSIC.-FIZIKA I KHIMIYA OBRABOTKI MATERIALOV// 00/00/1973,V----,N0004, PP 0124-0127 JULY-AUGUST 1973 DIFFUSION UNDER CONDITIONS OF JOINING MATERIALS BY PRESSURE WITH PREHEATING 6 PP GUD COPYRIGHT INFORMATION OTHERS MUST CONTACT FTD AIR/FTD-IDIRSII-1821-75 #</p>	000000035929
<p>SONNOV, A. P. //PHYSIC.-FIZIKA I KHIMIYA OBRABOTKI MATERIALOV// 00/00/1973,V----,N0004, PP 0128-0133 JULY-AUGUST 1973 CALCULATION OF PARAMETERS OF THE EXPLOSIVE WELDING OF MULTILAYER JOINTS HB 9887 #</p>	000000300889
<p>UGLOV, A. A. //PHYSIC.-FIZIKA I KHIMIYA OBRABOTKI MATERIALOV// 00/00/1973,V----,N0004, PP 0157-0159 JULY-AUGUST SEMINAR ON "PHYSICS AND CHEMISTRY OF TREATING</p>	000000044089

MATERIALS WITH CONCENTRATED ENERGY FLUXES" GUD COPYRIGHT INFORMATION OTHERS CONTACT FTD AIR/FTD/IDIRSII-2491-75	#	
RABKIN, D. M. //PHYSIC.-FIZIKA I KHIMIYA OBRABOTKI MATERIALOV// 00/00/1973,V----,N0005, PP 0022-0028 CATHODE ATOMIZATION IN THE WELD ARC C. E. TRANS 6627	#	00000005364
RABKIN, D. M. //PHYSIC.-FIZIKA I KHIMIYA OBRABOTKI MATERIALOV// 00/00/1973,V----,N0005, PP 0022-0028 CATHODE ATOMISATION IN THE WELD ARC NTC 75-13540-11F	#	000000056494
KARAKOZOV, E. S. //PHYSIC.-FIZIKA I KHIMIYA OBRABOTKI MATERIALOV// 00/00/1973,V----,N0005, PP 0132-0137 THERMODYNAMIC CALCULATIONS OF THE TEMPERATURE FOR THE DIFFUSION WELDING OF SULFIDE CERAMICS WITH COPPER *NTIS TT 79-58076	#	000000234931
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VOLDO'KINA, V. L. //PHYSIC.-FIZIKA I KHIMIYA OBRABOTKI MATERIALOV// 00/00/1973,V----,N0005, PP 0145-0146 HEATING OF METALS BY CO2-LASER EMISSION IN AN OXIDIZING ATMOSPHERE 6 PP GUD COPYRIGHT INFORMATION REFER OTHER REQUEST TO FTD/STINFO AIR/FTD-IDIRSII-1553-76	#	000000079346
MAKARA, V. A. //PHYSIC.-FIZIKA I KHIMIYA OBRABOTKI MATERIALOV// 00/00/1973,V----,N0006, PP 0137-0141 HARDENING AND SOFTENING EFFECTS IN ALKALI HALIDS CRYSTALS SUBJECTED TO GAMMA- AND X-RADIATION NTC 76-10224-208	#	000000067231
MAKUNIN, M. S. //PHYSIC.-FIZIKA I KHIMIYA OBRABOTKI MATERIALOV// 00/00/1973,V0007,N0001, PP 0039-0043 INVESTIGATION OF THE REMOVAL OF NITROGEN AND OXYGEN FROM CR-NI ALLOYS DURING ELECTRON BEAM MELTING VER VR/288/74	#	000000272594

<p>LAKHTIN, YU. M. //PHYSIC.-FIZIKA I KHIMIYA OBRABOTKI MATERIALOV// 00/00/1973,V0007,N0001, PP 0101-0105 NITRIDING OF A MARAGING STEEL VER VR/295/74 #</p>	000000272632
<p>IVANOVA, K. N. //PHYSIC.-FIZIKA I KHIMIYA OBRABOTKI MATERIALOV// 00/00/1973,V0007,N0001, PP 0106-0111 INVESTIGATION OF ELECTRON MICROSCOPY OF THE NATURE AND CHARACTER OF THE DISTRIBUTION OF CARBIDE PHASES IN AGEING ALLOYS OF NIOBIUM METINFORM 301 #</p>	000000208765
<p>STRELTSOV, F. M. //PHYSIC.-FIZIKA I KHIMIYA OBRABOTKI MATERIALOV// 00/00/1973,V0007,N0001, PP 0154-0157 DEGASSING ALUMINIUM AND ITS ALLOYS WITH INERT GASES INJECTED THROUGH A POROUS TUBE METINFORM MET/297 #</p>	000000177095
<p>UNKNOWN //PHYSIC.-FIZIKA I KHIMIYA OBRABOTKI MATERIALOV// 00/00/1973,V0007,N0002, PP 0009 REASONS FOR THE FORMATION OF NON-UNIFORM WELDED JOINTS IN ELECTRON BEAM WELDING METINFORM 302 #</p>	000000225142
<p>ZVORYKIN, D. B. //PHYSIC.-FIZIKA I KHIMIYA OBRABOTKI MATERIALOV// 00/00/1973,V0007,N0002, PP 0010-0015 METHOD FOR CALCULATION AND EXPERIMENTAL INVESTIGATION OF LOCAL TEMPERATURE FIELDS ARISING IN A SEMI-CONDUCTOR UNDER STEADY STATE CONDITIONS OF ELECTRON BEAM ALLOYING METINFORM 304 #</p>	000000146770
<p>FERODOVICH, L. D. //PHYSIC.-FIZIKA I KHIMIYA OBRABOTKI MATERIALOV// 00/00/1973,V0007,N0002, PP 0151-0152 THE EFFECT OF HEAT TREATMENT ON THE DISLOCATION DENSITY IN CRYSTALS OF OXIDE FERROMAGNETICS METINFORM 303 #</p>	000000208766
<p>BALATSKIY, A. A. //PHYSIC.-FIZIKA I KHIMIYA OBRABOTKI MATERIALOV// 00/00/1973,V0007,N0004, PP 0008-0013 THE EFFECT OF THERMOPHYSICAL PROPERTIES ON THE NATURE OF THE WELDING OF CERTAIN METALS BY LASER RADIATION 10 PP NTC, NTIS: BLLD, TIB AD/A-004 340/5ST #</p>	000000237292
<p>VISHNYAKOV, YA. D. //PHYSIC.-FIZIKA I KHIMIYA OBRABOTKI MATERIALOV// 00/00/1973,V0007,N0004, PP 0093-0097 CHANGES IN THE DISLOCATION STRUCTURE OF NICKEL AND ALLOYS WITH 2 CO DURING ROLLING WITH LARGE REDUCTIONS METINFORM 305 #</p>	000000162390
<p>SOMNOV, A. P. //PHYSIC.-FIZIKA I KHIMIYA OBRABOTKI MATERIALOV// 00/00/1973,V0007,N0004, PP 0128-0133 CALCULATION OF PARAMETERS OF THE</p>	000000252464

EXPLOSIVE WELDING OF MULTILAYER JOINTS HB 9887	#	
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SHORSHOROV, M. KH. //PHYSIC.-FIZIKA I KHIMIYA OBRABOTKI MATERIALOV// 00/00/1974,V----,N----, PP 0013-0020 MAR-APR DEVELOPMENT OF METHODS OF MECHANICAL HEAT TREATMENT OF METALLIC MATERIALS WITH FSTC-HT-23-0819-75	#	000000013629
RYKALIN, M. N. //PHYSIC.-FIZIKA I KHIMIYA OBRABOTKI MATERIALOV// 00/00/1974,V----,N0001, PP 0003-0009 INFLUENCE OF A HIGH POWER CO2 LASER BEAM ON IRON AND ITS ALLOYS GB/DEFDRIC/TRAN-4117-75	#	000000044327
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NAMITOKOV, K. K. //PHYSIC.-FIZIKA I KHIMIYA OBRABOTKI MATERIALOV// 00/00/1974,V----,N0001, PP 0010-0013 JANUARY-FEBRUARY 1974 A THERMAL EXPLOSION WITH FOCUSING OF AN ELECTRON BEAM ONTO THE SURFACE OF A METAL 9 PP GUD COPYRIGHT INFO REFER OTHERS TO FTD/STINFO FTD-ID(RSIT)-1765-77	#	000000089645
KHARLAMOV, YU. A. //PHYSIC.-FIZIKA I KHIMIYA OBRABOTKI MATERIALOV// 00/00/1974,V----,N0001, PP 0048-0053 THE DYNAMIC INTERACTION OF POWDER PARTICLES WITH A DETONATION WAVE IN SPRAYING 15 PP ARM/FSTC-HT-0917-79	#	000000211066
KAZAKK, M. N. //PHYSIC.-FIZIKA I KHIMIYA OBRABOTKI MATERIALOV// 00/00/1974,V----,N0001, PP 0109-0114 JAN-FEB 1974 MECHANICAL PROPERTIES OF LAMINATED TITANIUM COMPOSITIONS AFTER WELDING BY EXPLOSION AND HOT ROLLING 9 PP GUD COPYRIGHT MATERIAL OTHERS REFER TO FTD AIR/FTD-MT-24-0264-75	#	000000015131

RYKALIN, N. N. //PHYSIC.-FIZIKA I KHIMIYA OBRABOTKI MATERIALOV// 00/00/1974,V----,N0002, PP 0003-0009 INFLUENCE OF A HIGH-POWER CO2 LASER BEAM ON IRON AND ITS ALLOYS NTC 76-12204-11F #	00000092160
SHORSHOROV, M. KH. //PHYSIC.-FIZIKA I KHIMIYA OBRABOTKI MATERIALOV// 00/00/1974,V----,N0002, PP 0013-0020 DEVELOPMENT OF METHODS OF THERMOMECHANICAL PROCESSING OF METALLIC MATERIALS WITH FSTC-HT-23-0835-75 #	00000013632
SHORSHOROV, M. //PHYSIC.-FIZIKA I KHIMIYA OBRABOTKI MATERIALOV// 00/00/1974,V----,N0002, PP 0013-0020 DEVELOPMENT OF METHODS OF THERMOMECHANICAL TREATMENT OF METALLIC MATERIALS BY FSTC-HT-23-1018-75 #	00000030806
SHORSHOROV, M. KH. //PHYSIC.-FIZIKA I KHIMIYA OBRABOTKI MATERIALOV// 00/00/1974,V----,N0002, PP 0013-0020 DEVELOPMENT OF METHODS OF THERMOMECHANICAL TREATMENT OF METALLIC MATERIALS WITH SUBSTRUCTURAL HARDENING AST-18401-067-75 FSTC-HT-23-819-75 #	00000044756
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AKKUSHKAROVA, K. A. //PHYSIC.-FIZIKA I KHIMIYA OBRABOTKI MATERIALOV// 00/00/1974,V----,N0002, PP 0021-0022 INVESTIGATION OF VOLUME DIFFUSION PROCESSES IN MULTICOMPONENT ALLOYS #NTIS TT 80-58247 #	000000237028
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TIKHONOV, A. S. //PHYSIC.-FIZIKA I KHIMIYA OBRABOTKI MATERIALOV// 00/00/1974,V----,N0003, PP 0001 ON THE USE OF THE EFFECT OF THE SUPERPLASTICITY IN THE PRODUCTION OF COMPOSITE MATERIALS #FSTC AST-18401-045-75 #	00000048327
VAVILOVA, V. //PHYSIC.-FIZIKA I KHIMIYA OBRABOTKI MATERIALOV// 00/00/1974,V----,N0003, PP 0074-0078	00000013509

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<p>YAVILOVA, V. V. //PHYSIC.-FIZIKA I KHIMIYA OBRABOTKI MATERIALOV// 00/00/1974,V----,N0003, PP 0074-0078 EFFECT OF TITANIUM ALLOYING ON DECREASE OF PLASTIC FAILURE AT A TEMPERATURE OF 500 C. GUD. COPYRIGHT INFORMATION OTHERS CONTACT FSTC ARM/FSTC/AST-18401-126-75</p>	000000050657
<p>VATNIK, L. YE. //PHYSIC.-FIZIKA I KHIMIYA OBRABOTKI MATERIALOV// 00/00/1974,V----,N0003, PP 0094-0097 MAY-JUNE 1974 DETERIORATION OF STRENGTH OF COPPER BY EXPLOSIVE WELDING 13 PP GUD COPYRIGHT INFORMATION REFER OTHER REQUEST TO FTD/STINFO AIR/FTD-IDIRS:11-0570-76</p>	000000048546
<p>NIKOLAYEV, A. V. //PHYSIC.-FIZIKA I KHIMIYA OBRABOTKI MATERIALOV// 00/00/1974,V----,N0004, PP 0006-0011 EROSION CHARACTERISTICS OF A PLASMA PULSE GENERATOR WITH A CONSUMABLE ELECTRODE *FSTC SERIAL NUMBER 253-79</p>	000000267937
<p>LOKHOV, YU. N. //PHYSIC.-FIZIKA I KHIMIYA OBRABOTKI MATERIALOV// 00/00/1974,V----,N0004, PP 0028-0031 OPTICAL DISTORTIONS IN LENSES UNDER THERMAL EFFECT OF POWERFUL LASER PULSE 11 PP GUD COPYRIGHT INFORMATION REFER OTHER REQUEST TO FTD/STINFO AIR/FTD-IDIRS:11-0894-77</p>	000000072281
<p>UGLOV, A. A. //PHYSIC.-FIZIKA I KHIMIYA OBRABOTKI MATERIALOV// 00/00/1974,V----,N0005, PP 0003-0013 SEP-OCT THERMOPHYSICAL AND HYDRODYNAMIC PHENOMENA IN PROCESSES OF LASER METAL WORKING 26 PP GUD. PROPRIETARY INFORMATION OTHERS CONTACT FTD/STINFO AIR/FTD-IDIRS:11-0367-76</p>	000000045424
<p>LEIN, F. YA. //PHYSIC.-FIZIKA I KHIMIYA OBRABOTKI MATERIALOV// 00/00/1974,V----,N0005, PP 0027-0031 INVESTIGATION OF THE KINETICS OF THE INTERACTION OF NIOBIUM WITH VARIOUS GASES AT LOW PRESSURES AND HIGH TEMPERATURES ERD/UCRL/TRANS-10886-75</p>	000000013963
<p>LEIN, F. YA. //PHYSIC.-FIZIKA I KHIMIYA OBRABOTKI MATERIALOV// 00/00/1974,V----,N0005, PP 0027-0031 INVESTIGATION OF THE KINETICS OF THE INTERACTION OF NIOBIUM WITH VARIOUS GASES AT LOW PRESSURES AND HIGH TEMPERATURES. 11 PP ERD/UCRL TR-10886</p>	000000020007

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KRASULIN, YU. L. //PHYSIC.-FIZIKA I KHIMIYA OBRABOTKI MATERIALOV// 00/00/1974,V----,N0005, PP 0062-0069 HEAT RESISTANT CONSTRUCTION MATERIALS BASED ON CERAMICS FSTC-WT-23-1015-75 #	00000030803
KRASULIN, YU. L. //PHYSIC.-FIZIKA I KHIMIYA OBRABOTKI MATERIALOV// 00/00/1974,V----,N0005, PP 0062-0069 HEAT-RESISTANT CONSTRUCTION MATERIAL ON A CERAMIC BASE GUO. COPYRIGHT INFORMATION OTHERS CONTACT FSTC ARM/FSTC/AST-18401-065-75 #	00000050691
SHIRNOV, V. S. //PHYSIC.-FIZIKA I KHIMIYA OBRABOTKI MATERIALOV// 00/00/1974,V----,N0005, PP 0089-0093 FORMATION OF A SPIRAL MECHANICAL TEXTURE AND FRACTURE DURING CROSS ROLLING NTC 78-12078-13H #	00000141084
SAVITSKIY, YE. M. //PHYSIC.-FIZIKA I KHIMIYA OBRABOTKI MATERIALOV// 00/00/1974,V----,N0006, PP 0065-0068 INVESTIGATION OF THE INTERACTION OF THE CORE OF AN OXIDE CATHODE MADE OUT OF A NICKEL-RHENIUM-LANTHANUM ALLOY WITH A COATING 7 PP OLD COPYRIGHT INFOR REFER OTHERS TO FTD/STINFO AIR/FTD-IDIRSIT-1589-78 #	00000205804
LEONOV, R. K. //PHYSIC.-FIZIKA I KHIMIYA OBRABOTKI MATERIALOV// 00/00/1974,V----,N0006, PP 0134-0136 NOV-DEC 1974 THE ROLE OF CAVITATION IN THE LIGHT DAMAGE OF THE SURFACE OF GLASS, CONTACTING LIQUID 7 PP OLD COPYRIGHT INFO REFER OTHERS TO FTD/STINFO FTD-IDIRSIT-0186-80 #	00000214771
RYKALIN, N. N. //PHYSIC.-FIZIKA I KHIMIYA OBRABOTKI MATERIALOV// 00/00/1974,V0008,N0001, PP 0003-0009 INFLUENCE OF A HIGH POWER CO2 LASER BEAM ON IRON AND ITS ALLOYS NTC-76-12204 BLLD 3623.66 (4117) #	00000240875
SHORSHOROV, M. KH. //PHYSIC.-FIZIKA I KHIMIYA OBRABOTKI MATERIALOV// 00/00/1974,V0008,N0002, PP 0013-0020 DEVELOPMENT OF METHODS OF THE THERMOMECHANICAL TREATMENT OF METALS UTILIZING SUBSTRUCTURAL HARDENING VER VR/331/74 #	00000192945

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BERNSHTEIN, M. L. //PHYSIC.-FIZIKA I KHIMIYA OBRABOTKI MATERIALOV// 00/00/1974,V0008,N0006, PP 0075-0079 EFFECT OF THERMOMECHANICAL TREATMENT ON THE PROPERTIES OF SINTERED MARAGING STEEL BLD:L.STG 9023.10:VR 422/75 #	000000133186
CHEMNETSKIY, A. V. //PHYSIC.-FIZIKA I KHIMIYA OBRABOTKI MATERIALOV// 00/00/1975,V----,N0001, PP 0010-0015 PLASMA INSTABILITY IN HIGH CURRENT ARC DISCHARGE UNDER THE INFLUENCE OF THE NATURAL MAGNETIC FIELDS OF CURRENT GUD COPYRIGHT INFO REFER OTHERS TO FTD/STINFO FTD/ID(RS)I-2449-75 #	000000083194
POLYAKOV, S. P. //PHYSIC.-FIZIKA I KHIMIYA OBRABOTKI MATERIALOV// 00/00/1975,V----,N0001, PP 0029-0033 JANUARY-FEBRUARY 1975 TEMPERATURE OF POWER PARTICLES IN PLASMA JETS 9 PP NASA TT F 16957 #	000000053607
POLYAKOV, S. P. //PHYSIC.-FIZIKA I KHIMIYA OBRABOTKI MATERIALOV// 00/00/1975,V----,N0001, PP 0029-0033 TEMPERATURE OF POWER PARTICLES IN PLASMA JETS NTC 76-12135-201, NTIS N76-19957 #	000000144911
ZUYEV, I. V. //PHYSIC.-FIZIKA I KHIMIYA OBRABOTKI MATERIALOV// 00/00/1975,V----,N0001, PP 0136-0141 VARIATIONS IN DEPTH OF PENETRATING IN ELECTRON BEAM WELDING 8 PP OLD COPYRIGHT INFO REFER OTHERS TO NAV/NISC NISC 6623 #	000000299383
ZUYEV, I. V. //PHYSIC.-FIZIKA I KHIMIYA OBRABOTKI MATERIALOV// 00/00/1975,V----,N0001, PP 0136-0141 VARIATIONS IN DEPTH OF PENETRATING IN ELECTRON BEAM WELDING 8 PP OLD COPYRIGHT INFO IT IS NOT IN THE PUBLIC DOMAIN NAV/NISC TR NO. 6623 #	000000311888
ZUYEV, I. V. //PHYSIC.-FIZIKA I KHIMIYA OBRABOTKI MATERIALOV// 00/00/1975,V----,N0001, PP 0136-0141 VARIATIONS IN DEPTH OF PENETRATING IN ELECTRON BEAM WELDING 9 PP	000000313706

<p>OLD COPYRIGHT INFO REFER OTHERS TO NISC NAV/NISC/TRAN-6623-81</p>	
<p>UGASTE, YU. E. //PHYSIC.-FIZIKA I KHIMIYA OBRABOTKI MATERIALOV// 00/00/1975,V----,N0002, PP 0134-0139 RELATIONSHIP BETWEEN THE ACTIVATION ENERGY OF MUTUAL DIFFUSION AND THE GROWTH OF PHASES IN BINARY MULTI-PHASE SYSTEMS *NTIS TT 80-58224</p>	000000237039
<p>MITIN, B. S. //PHYSIC.-FIZIKA I KHIMIYA OBRABOTKI MATERIALOV// 00/00/1975,V----,N0003, PP 0070-0073 THE INFLUENCE OF INERTIAL EFFECTS ON THE KINETICS OF SPREADING OF LIQUIDS ON SOLID SURFACES NRC C-17624</p>	000000090098
<p>BAKARINOVA, V. I. //PHYSIC.-FIZIKA I KHIMIYA OBRABOTKI MATERIALOV// 00/00/1975,V----,N0003, PP 0158-0159 THIRD ALL-UNION CONFERENCE ON COMPOSITE MATERIALS *FSTC AST-18401-051-76</p>	000000300888
<p>GELLER, I. KH. //PHYSIC.-FIZIKA I KHIMIYA OBRABOTKI MATERIALOV// 00/00/1975,V----,N0004, PP 0040-0042 THE EFFECT OF ULTRASONIC VIBRATIONS ON THE KINETICS OF CRYSTALLIZATION OF AMORPHOUS SELENIUM 5 PP OLD COPYRIGHT INFO REFER OTHERS TO FTD/STINFO FTD-IDIRSI-T-1750-77</p>	000000089651
<p>KRISHTAL, M. //PHYSIC.-FIZIKA I KHIMIYA OBRABOTKI MATERIALOV// 00/00/1975,V----,N0004, PP 0102-0108 EFFECT OF VACANCY FLOW ON THE VOLUME CHANGE DURING INTERDIFFUSION NTC 80-13279-11F</p>	000000247768
<p>KRISHTAL, M. A. //PHYSIC.-FIZIKA I KHIMIYA OBRABOTKI MATERIALOV// 00/00/1975,V----,N0004, PP 0102-0108 EFFECT OF VACANCY FLOW ON THE VOLUME CHANGE DURING INTERDIFFUSION *NTIS TT 79-58155</p>	000000267973
<p>VLINKOV, V. YA. //PHYSIC.-FIZIKA I KHIMIYA OBRABOTKI MATERIALOV// 00/00/1975,V----,N0005, METAL CRYSTALLIZATION IN VARIABLE MAGNETIC FIELDS OLD COPYRIGHT INFO REFER OTHERS TO FSTC ARM/FSTC/HT-0424-79</p>	000000183933
<p>UNKNOWN //PHYSIC.-FIZIKA I KHIMIYA OBRABOTKI MATERIALOV// 00/00/1975,V----,N0006, PP 0003-0007 NOV-DEC ALSO PP 8-12, 24-29, 34-36, 37-40 41-43, 77-83, 115-118, 119-124, AND 125-130 PHYSICS AND CHEMISTRY OF THE TREATMENT OF MATERIALS (SELECTED ARTICLES) 131 PP OLD PROPRIETARY INFORMATION OTHERS CONTACT FTD/STINFO AIR/FTD-IDIRSI-T-0272-76</p>	000000045345

<p>STREL'YSOV, F. N. //PHYSIC.-FIZIKA I KHIMIYA OBRABOTKI MATERIALOV// 00/00/1975,V----,N0006, PP 0037-0040 MELTING OF COPPER AND COPPER ALLOYS IN PLASMA ARC FURNACES BISI-14620 #</p>	00000082477
<p>KHARLAMOV, YU. A. //PHYSIC.-FIZIKA I KHIMIYA OBRABOTKI MATERIALOV// 00/00/1975,V----,N0006, PP 0069-0072 USE OF HIGH-VELOCITY PULSED STREAMS OF GAS FOR SPRAY COATING 8 PP FSTC-AST-18401-115-77 #</p>	00000088113
<p>KHARLAMOV, YU. A. //PHYSIC.-FIZIKA I KHIMIYA OBRABOTKI MATERIALOV// 00/00/1975,V----,N0006, PP 0069-0072 USING HIGH-SPEED PULSE FLOWS OF GAS FOR SPRAYING ON COATINGS #FSTC SERIAL NO 916-79 #</p>	000000185152
<p>KHARLAMOV, YU. A. //PHYSIC.-FIZIKA I KHIMIYA OBRABOTKI MATERIALOV// 00/00/1975,V----,N0006, PP 0069-0072 USING HIGH SPEED PULSE FLOWS OF GAS FOR SPRAYING ON COATINGS 8 PP OLD COPYRIGHT INFO REFER OTHERS TO FSTC ARM/FSTC-HT-916-79 #</p>	000000258236
<p>KRISHTAL, M. A. //PHYSIC.-FIZIKA I KHIMIYA OBRABOTKI MATERIALOV// 00/00/1975,V----,N0006, PP 0101-0104 EFFECT OF THE VALENCY OF IMPURITY ATOMS ON DIFFUSION ALONG DISLOCATION NTC 80-12521-11F #</p>	000000246661
<p>KRISHTAL, M. A. //PHYSIC.-FIZIKA I KHIMIYA OBRABOTKI MATERIALOV// 00/00/1975,V----,N0006, PP 0101-0104 EFFECT OF THE VALENCE OF IMPURITY ATOMS ON THE DIFFUSION ALONG DISLOCATIONS NTIS TT 79-58158 #</p>	000000267983
<p>SHORSHOROV, M. KH. //PHYSIC.-FIZIKA I KHIMIYA OBRABOTKI MATERIALOV// 00/00/1975,V----,N0006, PP 0119-0124 NOV AND DEC 1975 CONDITIONS OF THE OBTAINING OF A STRONG BONDING OF REINFORCED FIBERS WITH A MATRIX IN PLASMA SEMI-FINISHED PRODUCTS OF COMPOSITE MATERIALS 10 PP OLD COPYRIGHT INFO REFER OTHERS TO FTD/STINFO FTD-ID(RS)I-C455-77 #</p>	000000144725
<p>SVETLOY, I. L. //PHYSIC.-FIZIKA I KHIMIYA OBRABOTKI MATERIALOV// 00/00/1975,V----,N0006, PP 0125-0130 NOV-DEC, 1975 CHEMICAL INTERACTION IN COMPOSITE MATERIALS BASED ON MAGNESIUM AND ALLOY ML-8 REINFORCED BY BORON FIBERS 13 PP OLD COPYRIGHT INFO REFER OTHERS TO FTD/STINFO FTD-ID(RS)I-1481-77 #</p>	00000088932

<p>PODORNYI, A. N. //PHYSIC.-FIZIKA I KHIMIYA OBRABOTKI MATERIALOV// 00/00/1975.V0001,N-----, PP 0095-0099 "STUDY OF THE PROCESSES OF FAILURE OF LAMINATED METALLIC MATERIALS" 13 PP GUD COPYRIGHT INFO REFER OTHERS TO FSTC ARM/FSTC-AST18401-076-76 #</p>	00000093444
<p>BAKARINOVA, V. I. //PHYSIC.-FIZIKA I KHIMIYA OBRABOTKI MATERIALOV// 00/00/1975.V0003,N-----, PP 0158-0159 THIRD ALL-UNION CONFERENCE ON COMPOSITE MATERIALS 5 PP GUD COPYRIGHT INFO REFER OTHERS TO FSTC ARM/FSTC-AST18401-051-76 #</p>	00000094207
<p>KORNILOV, E. A. //PHYSIC.-FIZIKA I KHIMIYA OBRABOTKI MATERIALOV// 00/00/1975.V0009,N0002, PP 0020-0033 ENERGY LOSSES OF WELDING BEAM ELECTRONS IN THE VAPOUR GAS CHANNEL 8 PP V. E. REICANSKY TECHNICAL TRANSLATION 494/75 #</p>	000000117603
<p>BURAVLEV, YU. M. //PHYSIC.-FIZIKA I KHIMIYA OBRABOTKI MATERIALOV// 00/00/1975.V0009,N0003, PP 0030-0035 EFFECT OF HEAT TREATMENT AND PLASTIC DEFORMATION ON THE LASER EROSION OF METALS AND ALLOYS 10 PP V. E. REICANSKY TECHNICAL TRANSLATIONS #</p>	000000117608
<p>SHEIKO, I. V. //PHYSIC.-FIZIKA I KHIMIYA OBRABOTKI MATERIALOV// 00/00/1975.V0009,N0006, PP 0024-0029 INTERACTION OF NITROGEN WITH LIQUID METAL DURING THE REMELTING OF CONSUMABLE PLASMA GUN VER VR/621/75 #</p>	000000134266
<p>KARSANDY, G. V. //PHYSIC.-FIZIKA I KHIMIYA OBRABOTKI MATERIALOV// 00/00/1975.V0009,N0006, PP 0077-0083 VARIATIONS IN THE STRUCTURE AND MECHANICAL PROPERTIES OF TWO PHASE ALLOY VKH4 DURING PLASTIC DEFORMATION VER VR/622/75 #</p>	000000140868
<p>KARSANDY, G. V. //PHYSIC.-FIZIKA I KHIMIYA OBRABOTKI MATERIALOV// 00/00/1975.V0009,N0006, PP 0077-0083 VARIATIONS IN THE STRUCTURE AND MECHANICAL PROPERTIES OF TWO PHASE ALLOY VKH4 DURING PLASTIC DEFORMATION VER VR/622/75 #</p>	000000260352
<p>KARSANDY, G. V. //PHYSIC.-FIZIKA I KHIMIYA OBRABOTKI MATERIALOV// 00/00/1975.V0009,N0006, PP 0077-0083 VARIATIONS OF THE STRUCTURE AND MECHANICAL PROPERTIES OF TWO PHASE ALLOY VKH4 DURING PLASTIC DEFORMATION 12 PP BLD 9023.19: VER VR 622/75 #</p>	000000268365
<p>UNKNOWN //PHYSIC.-FIZIKA I KHIMIYA OBRABOTKI MATERIALOV// 00/08/1975.V-----,N0004, PP 0017-0019</p>	000000034909

<p>ALSO PP 27-30, 112-122, 128-131, 144-146 AND 148 PHYSICS AND CHEMISTRY OF PROCESSING OF MATERIALS (SELECTED ARTICLES PP 74 GUD. COPYRIGHT MATERIAL OTHERS REFER TO FTD FTD-ID(RS)T-2441-75</p>	
<p>VLASOV, E. N. //PHYSIC.-FIZIKA I KHIMIYA OBRABOTKI MATERIALOV// 00/00/1976,V----,N0001, PP 0156-0159 EFFECT OF MODIFICATION AND TREATMENT OF STEEL SHKH-15 SURFACE WITH LASER RADIATION UPON FRICTION AGAINST A HARD ALLOY NTC 80-13183-11F</p>	000000248307
<p>LEBEDEV, S. V. //PHYSIC.-FIZIKA I KHIMIYA OBRABOTKI MATERIALOV// 00/00/1976,V----,N0001, PP 0006-0014 SOME RESULTS OF STUDYING ELECTRICAL EXPLOSION OF WOPES 21 PP GUD COPYRIGHT INFO REFER OTHERS TO FTD/STINFO FTD-ID(RS)T-1918-79</p>	000000201945
<p>FEDOROV, V. B. //PHYSIC.-FIZIKA I KHIMIYA OBRABOTKI MATERIALOV// 00/00/1976,V----,N0001, PP 0145-0148 PASSIVATION OF CARBON FIBERS 7 PP FSTC-AST-18201-017-77</p>	000000088109
<p>GRIGIR'YEVSKIY, V. I. //PHYSIC.-FIZIKA I KHIMIYA OBRABOTKI MATERIALOV// 00/00/1976,V----,N0001, PP 0153-0155 JANUARY - FEBRUARY 1976 EFFECT OF THE GEOMETRY OF MICROPROJECTIONS ON THE FORMATION OF A PHYSICAL CONTACT DURING PRESSURE WELDING WITH HEATING GUD COPYRIGHT INFO REFER OTHERS TO FTD/STINFO FTD-ID(RS)T-0103-81</p>	000000267529
<p>GRIGIR'YEVSKIY, V. I. //PHYSIC.-FIZIKA I KHIMIYA OBRABOTKI MATERIALOV// 00/00/1976,V----,N0001, PP 0153-0155 JANUARY - FEBRUARY 1976 EFFECT OF THE GEOMETRY OF MICROPROJECTIONS ON THE FORMATION OF A PHYSICAL CONTACT DURING PRESSURE WELDING WITH HEATING GUD COPYRIGHT INFO REFER OTHERS TO FTD/STINFO AIR/FTD-ID(RS)T-0103-81</p>	000000304017
<p>VLASOV, E. N. //PHYSIC.-FIZIKA I KHIMIYA OBRABOTKI MATERIALOV// 00/00/1976,V----,N0001, PP 0156-0159 EFFECT OF MODIFICATION AND TREATMENT OF STEEL SHKH-15 SURFACES WITH LASER RADIATION ON FRICTION ALONG A HARD ALLOY #NTIS TT 79-58077</p>	000000260360
<p>LOKHOV, YU. N. //PHYSIC.-FIZIKA I KHIMIYA OBRABOTKI MATERIALOV// 00/00/1976,V----,N0001, PP 0160-0162 JAN-FEB 1976 THERMAL STRESSES IN THE SURFACE LAYER OF A TRANSPARENT SOLID DIELECTRIC PP 5 GUD COPYRIGHT INFORMATION REFER OTHER REQUEST</p>	000000086979

<p>TO FTD/STINFO AIR/FTD/IDIRSII-1862-76 #</p>	00000094634
<p>IVANOV, L. I. //PHYSIC.-FIZIKA I KHIMIYA OBRABOTKI MATERIALOV// 00/00/1976,V----,N0002, PP 0003-0006 ANOMALOUS DISTRIBUTION OF THE DENSITIES OF DEFECTS FORMED IN AN ABSORBING MATERIAL SUBJECT TO LASER RADIATION 5 PP CSO: 8144/0151-77 COMPLETED SPECIAL #</p>	00000056804
<p>UNKNOWN //PHYSIC.-FIZIKA I KHIMIYA OBRABOTKI MATERIALOV// 00/00/1976,V----,N0002, PP 0042-0044 MARCH-APRIL 1976, ALSO PP 110-112, 113-116, 136-141 PHYSICS AND CHEMISTRY OF MATERIAL PROCESSING (SELECTED ARTICLES) 42 PP OLD COPYRIGHT INFORMATION REFER OTHER REQUEST TO FTD/STINFO AIR/FTD-IDIRSIT-1139-76 #</p>	000000298670
<p>GRIGOR'YEVSKIY, V. I. //PHYSIC.-FIZIKA I KHIMIYA OBRABOTKI MATERIALOV// 00/00/1976,V----,N0002, PP 0123-0127 MAR-APR 1976 EFFECT OF VIBRATION TREATMENT OF CONTACT SURFACE ON THE FORMATION OF A JOINT DURING PRESSURE WELDING OF ALLOY OT4 11 PP OLD COPYRIGHT INFO REFER OTHERS TO FTD/STINFO AIR/FTD-IDIRSIT-0105-81 #</p>	000000085698
<p>EROKHIN, A. A. //PHYSIC.-FIZIKA I KHIMIYA OBRABOTKI MATERIALOV// 00/00/1976,V----,N0002, PP 0136-0141 SURFACE TEMPERATURE OF THE MELT DURING PLASMA ARC MELTING OF A METAL #BISI 14937 #</p>	000000287047
<p>ROIKH, I. L. //PHYSIC.-FIZIKA I KHIMIYA OBRABOTKI MATERIALOV// 00/00/1976,V----,N0003, PP 0050-0053 THE FRACTIONATION OF BINARY ALLOYS DURING VAPORIZATION FROM A SINGLE CRUCIBLE NTC 81-12385-11F #</p>	000000237036
<p>GERSHINSKIY, A. YE. //PHYSIC.-FIZIKA I KHIMIYA OBRABOTKI MATERIALOV// 00/00/1976,V----,N0003, PP 0127-0130 STUDY OF REACTIVE DIFFUSION IN THE AL-AG THIN FILM SYSTEM #NTIS TT 80-58239 #</p>	000000247828
<p>GERSHINSKIY, A. E. //PHYSIC.-FIZIKA I KHIMIYA OBRABOTKI MATERIALOV// 00/00/1976,V----,N0003, PP 0127-0130 INVESTIGATION OF REACTIVE DIFFUSION IN THE AL - AG THIN-FILM SYSTEM NTC 80-13545-11F #</p>	000000112136
<p>ATAMANOVA, G. N. //PHYSIC.-FIZIKA I KHIMIYA OBRABOTKI MATERIALOV// 00/00/1976,V----,N0004, PP 0029-0032 JULY-AUGUST 1976</p>	

DESTRUCTION OF AN ALUMINUM ALLOY WITH PULSED ELECTRON BEAMS 10 PP OLD COPYRIGHT INFO REFER OTHERS TO FTD/STINFO FTD-IDIRSIT-0091-77	
STAMANOVA, G. N. //PHYSIC.-FIZIKA I KHIMIYA OBRABOTKI MATERIALOV// 00/00/1976,V----,N0004, PP 0029-0032 DESTRUCTION OF ALUMINUM ALLOY BY PULSE ELECTRON BEAMS 9 PP OLD COPYRIGHT INFO REFER OTHERS TO FTD/STINFO AIR/FTD-IDIRSIT-0597-79	000000228697
SHKORSHOROV, M. K. //PHYSIC.-FIZIKA I KHIMIYA OBRABOTKI MATERIALOV// 00/00/1976,V----,N0004, PP 0141-0143 ELECTRON MICROSCOPIC STUDY OF METAL CARBONYL COATINGS ON CARBON FIBRES FOR REINFORCING COMPOSITES #BISI 15350	000000122837
SHORSHOROV, M. K. //PHYSIC.-FIZIKA I KHIMIYA OBRABOTKI MATERIALOV// 00/00/1976,V----,N0004, PP 0141-0143 ELECTRON MICROSCOPICAL STUDY PHYSIC METAL CARBON COATING ON CARBON PHYSICIBRES FOR REINFORCING COMPOSITES BISI 15350	000000300890
KARAKOZOV, E. S. //PHYSIC.-FIZIKA I KHIMIYA OBRABOTKI MATERIALOV// 00/00/1976,V----,N0005, PP 0113-0117 FORMATION OF A JOINT AFTER REMOVING THE PRESSURE IN THE PRESSURE WELDING AT TITANIUM ALLOY OT-4 WITH PREHEATING #FTD-IDIRSIT-0104-81	000000268425
KARAKOZOV, E. S. //PHYSIC.-FIZIKA I KHIMIYA OBRABOTKI MATERIALOV// 00/00/1976,V----,N0005, PP 0113-0117 SEPT-OCT 1976 FORMATION OF A JOINT AFTER THE REMOVAL OF COMPRESSIVE FORCE DURING PRESSURE WELDING WITH HEATING OF THE OT4 ALLOY 7 PP OLD COPYRIGHT INFO REFER OTHERS TO FTD/STINFO AIR/FTD-IDIRSIT-0104-81	000000269384
KLEBANOV, YU. D. //PHYSIC.-FIZIKA I KHIMIYA OBRABOTKI MATERIALOV// 00/00/1976,V----,N0005, PP 0141-0143 REACTIVE DIFFUSION IN THE NB-SN SYSTEM #NTIS TT 80-58231	000000237037
KLEBANOV, YU. //PHYSIC.-FIZIKA I KHIMIYA OBRABOTKI MATERIALOV// 00/00/1976,V----,N0005, PP 0141-0143 REACTIVE DIFFUSION IN THE NIOBIUM-TIN SYSTEM NTC 80-13280-11F	000000247769
UGLOV, A. A. //PHYSIC.-FIZIKA I KHIMIYA OBRABOTKI MATERIALOV// 00/00/1976,V----,N0006, PP 0003-0007 NOV-DEC 76 ACTION OF AN ELECTRICAL PULSE DISCHARGE ON METALS IN AN AIR MEDIUM 14 PP	000000168726

<p>OLD COPYRIGHT INFO REFER OTHERS TO FSTC ARM/FSTC/AST18201-009-77</p>	
<p>OSTROVSKAYA L. M. //PHYSIC.-FIZIKA I KHIMIYA OBRABOTKI MATERIALOV// 00/00/1976,V----,N0006, PP 0074-0076 MUTUAL DIFFUSION IN COPPER-ALUMINUM THIN CONDENSED ALLOYS NTC 80-12522-11F</p>	000000246662
<p>OSTROVSKAYA, I. M. //PHYSIC.-FIZIKA I KHIMIYA OBRABOTKI MATERIALOV// 00/00/1976,V----,N0006, PP 0074-0076 MUTUAL DIFFUSION IN COPPER ALUMINIUM THIN CONDENSED ALLOYS *NTIS TT 79-58154</p>	000000268047
<p>AZHAZHA, V. M. //PHYSIC.-FIZIKA I KHIMIYA OBRABOTKI MATERIALOV// 00/00/1976,V----,N0006, PP 0086-0089 EFFECT OF CHROMIUM COATINGS ON MECHANICAL PROPER TIES OF TITANIUM 9 PP OLD COPYRIGHT INFO REFER OTHERS TO FTD/STINFO FTD-ID(RS)I-0670-77</p>	000000071305
<p>ROYKH, I. L. //PHYSIC.-FIZIKA I KHIMIYA OBRABOTKI MATERIALOV// 00/00/1976,V----,N0006, PP 0140-0142 SPECIAL FEATURES OF THE ADHESION OF VACUUM- DEPOSITED OXIDE LAYERS TO GLASS AND PYROCERAM AFTER THE PROCESSING OF THEIR SURFACE IN A GLOW DISCHARGE 7 PP OLD COPYRIGHT INFO REFER OTHERS TO FTD/STINFO FTD-ID(RS)I-1039-77</p>	000000082736
<p>UNKNOWN //PHYSIC.-FIZIKA I KHIMIYA OBRABOTKI MATERIALOV// 00/00/1976,V0002,N----, PP 0042-0044 ALSO PP 110-112, 113-116, 136-141 PHYSICS AND CHEMISTRY OF MATERIALS PROCESSING *FTD-ID(RS)I-1139-76</p>	000000062027
<p>GORDIYENKO, L. K. //PHYSIC.-FIZIKA I KHIMIYA OBRABOTKI MATERIALOV// 00/00/1976,V0010,N----, PP 0040-0043 EFFECT OF NITRIDING ON THE STRENGTHENING EFFECT OF LOW CARBON STEEL IN MULTIPLE MECHANICO THERMAL TREATMENT VER VR/767/76</p>	000000268431
<p>GUSEV, V. M. //PHYSIC.-FIZIKA I KHIMIYA OBRABOTKI MATERIALOV// 00/00/1976,V0010,N0001, PP 0015-0021 SPUTTERING AND BLISTERING OF SOME MATERIALS BOMBARDED WITH HYDROGEN AND HELIUM IONS. VER VR/661/76</p>	000000099440
<p>GUSEV, V. M. //PHYSIC.-FIZIKA I KHIMIYA OBRABOTKI MATERIALOV// 00/00/1976,V0010,N0001, PP 0015-0021 SPUTTERING AND BLISTERING OF SOME MATERIALS BOMBARDED WITH HYDROGEN AND HELIUM IONS VER VR/661/76</p>	000000136514

<p>BIRMAN, S. R. //PHYSIC.-FIZIKA I KHIMIYA OBRABOTKI MATERIALOV// 00/00/1976,V0010,N0001, PP 0082-0086 EFFECT OF PLASTIC DEFORMATION ON THE HARDENING OF MARTENSITIC FERRITIC STEELS DURING AGEING VER VR/662/76</p>	000000136515
<p>BIRMAN, S. R. //PHYSIC.-FIZIKA I KHIMIYA OBRABOTKI MATERIALOV// 00/00/1976,V0010,N0001, PP 0082-0086 EFFECT OF PLASTIC DEFORMATION ON THE AGE HARDENING OF MARTENSITIC FERRITIC STEELS 10 PP BLD 9023.19:VR 662/76</p>	000000260925
<p>SARRAK, V. I. //PHYSIC.-FIZIKA I KHIMIYA OBRABOTKI MATERIALOV// 00/00/1976,V0010,N0001, PP 0098-0102 THE NATURE OF VARIATIONS IN INTERNAL FRICTION CHARACTERISTICS AS A RESULT OF TEMPERING UNDER STRESS VER VR/663/76</p>	000000136516
<p>YUSUFOVA, Z. A. //PHYSIC.-FIZIKA I KHIMIYA OBRABOTKI MATERIALOV// 00/00/1976,V0010,N0002, PP 0017-0022 THE MECHANISM OF FRACTURE OF OXIDE FILMS IN THE ARC WELDING OF ALUMINIUM VER VR/764/76</p>	000000101604
<p>YUSUFOVA, Z. A. //PHYSIC.-FIZIKA I KHIMIYA OBRABOTKI MATERIALOV// 00/00/1976,V0010,N0002, PP 0017-0022 THE MECHANISM OF FRACTURE OF OXIDE FILMS IN THE ARC WELDING OF ALUMINIUM VER VR/764/76</p>	000000297878
<p>BULYCHEV, S. I. //PHYSIC.-FIZIKA I KHIMIYA OBRABOTKI MATERIALOV// 00/00/1976,V0010,N0002, PP 0058-0064 DETERMINATION OF THE PHYSICO MECHANICAL PROPERTIES OF MATERIALS BY CONTINUOUS IMPRESSION OF THE INDENTOR 13 PP BLD 9023.19 (765/76)</p>	000000311064
<p>EROKHIN, A. A. //PHYSIC.-FIZIKA I KHIMIYA OBRABOTKI MATERIALOV// 00/00/1976,V0010,N0002, PP 0136-0141 THE SURFACE TEMPERATURE OF THE MELT IN THE PLASMA ARC MELTING OF METAL VER VR/766/76</p>	000000101605
<p>YEROKHIN, A. A. //PHYSIC.-FIZIKA I KHIMIYA OBRABOTKI MATERIALOV// 00/00/1976,V0010,N0002, PP 0136-0141 THE SURFACE TEMPERATURE OF THE MELT IN THE PLASMA ARC MELTING OF METAL VER VR/766/76</p>	000000297879
<p>GORDIENKO, L. K. //PHYSIC.-FIZIKA I KHIMIYA OBRABOTKI MATERIALOV// 00/00/1976,V0010,N0003, PP 0082-0087 EFFECT OF NITRIDING ON THE STRENGTHENING EFFECT OF LOW CARBON STEEL IN MULTIPLE MECHANICO-THER MAL TREATMENT (PMTT) 10 PP</p>	000000117615

V. E. RIECANSKY TECHNICAL TRANSLATIONS VR 767/76 #	
GORDIENKO, L. K. //PHYSIC.-FIZIKA I KHIMIYA OBRABOTKI MATERIALOV// 00/00/1976,V0010,N0003, PP 0082-0087 EFFECT OF NITRIDING ON THE STRENGTHENING EFFECT OF LOW CARBON STEEL IN MULTIPLE MECHANICS THERMAL TREATMENT VER VR/767/76 #	000000260353
CHEARNYSHOVA, T. A. //PHYSIC.-FIZIKA I KHIMIYA OBRABOTKI MATERIALOV// 00/00/1976,V0010,N0003, PP 0131-0136 THE MECHANISM OF HOT CRACKING IN THE WELDING OF NICKEL ALLOYS VER VR/768/76 #	000000101606
UNKNOWN //PHYSIC.-FIZIKA I KHIMIYA OBRABOTKI MATERIALOV// 00/00/1976,V0010,N0003, PP 0131-0136 THE MECHANISM OF HOT CRACKING IN THE WELDING OF NICKEL ALLOYS VER VR/768/76 #	000000297880
ANANIN, A. V. //PHYSIC.-FIZIKA I KHIMIYA OBRABOTKI MATERIALOV// 00/00/1976,V0010,N0006, PP 0031-0035 EFFECT OF SHOCK WAVES ON ZIRCONIA 9 PP BLD: 9023.19(861/76) #	000000266887
SHTINOV, YE. D. //PHYSIC.-FIZIKA I KHIMIYA OBRABOTKI MATERIALOV// 00/00/1976,V0010,N0006, PP 0099-0103 EFFECT OF AUSTENITE GRAIN SIZE ON THE MECHANICAL PROPERTIES OF STRUCTURAL CRNI STEELS 10 PP BLD 9023.19 #	000000147724
SHTINOV, E. D. //PHYSIC.-FIZIKA I KHIMIYA OBRABOTKI MATERIALOV// 00/00/1976,V0010,N0006, PP 0099-0103 EFFECT OF AUSTENITE GRAIN SIZE ON THE MECHANICAL PROPERTIES OF STRUCTURAL CRNI STEELS BLD 9023.19 (865/76) #	000000240223
ATAMANOVA, G. N. //PHYSIC.-FIZIKA I KHIMIYA OBRABOTKI MATERIALOV// 00/07/1976,V----,N0004, PP 0029-0032 ALSO AUGUST 1976 DESTRUCTION OF AN ALUMINUM ALLOY WITH PULSED ELECTRON BEAM 10 PP GUD COPYRIGHT INFORMATION REFER OTHER REQUESTS TO FTD/STINFO AIR/FTD-IDIRSII-0091-77 #	000000106713
KOCHETKOV, P. G. //PHYSIC.-FIZIKA I KHIMIYA OBRABOTKI MATERIALOV// 00/09/1976,V----,N0005, PP 0145-0150 INTERACTION BETWEEN POWDER PARTICLES AT DIFFERENT STAGES OF MANUFACTURING SINTERED ALUMINUM POW- DER. 18 PP GUD COPYRIGHT INFORMATION REFER OTHER REQUESTERS TO FTD/STINFO AIR/FTD-IDIRSII-0761-76 #	000000055337

<p>SAMSONOV, G. V. //PHYSIC.-FIZIKA I KHIMIYA OBRABOTKI MATERIALOV// 00/00/1977,V----,N0001, PP 0100-0106 EFFECT OF LASER RADIATION ON NITRIDES OF TRANSITION METALS OF GROUPS IV-V OLD COPYRIGHT INFO REFER OTHERS TO FSTC ARM/FSTC/AST18401-099-77</p>	000000121224
<p>SHORSHOROV, M. KH. //PHYSIC.-FIZIKA I KHIMIYA OBRABOTKI MATERIALOV// 00/00/1977,V----,N0002, PP 0130-0132 STRUCTURE AND PROPERTIES OF A FIBROUS COMPOSITE MATERIAL - A REFRACTORY ALLOY ON A NICKEL BASE REINFORCED WITH TUNGSTEN FIBERS 5 PP OLD COPYRIGHT INFO REFER OTHERS TO FTD/STINFO FTD-ID(IRS)T-1874-77</p>	000000102436
<p>UNKNOWN //PHYSIC.-FIZIKA I KHIMIYA OBRABOTKI MATERIALOV// 00/00/1977,V----,N0003, PP 0055-0058 MAY-JUN 1977 ALSO PP 68-73 PHYSICS AND CHEMISTRY OF THE PROCESSING OF MATERIALS 17 PP OLD COPYRIGHT INFO REFER OTHERS TO FTD/STINFO FTD-ID(IRS)T-1733-77</p>	000000099201
<p>KUDINOV, V. V. //PHYSIC.-FIZIKA I KHIMIYA OBRABOTKI MATERIALOV// 00/00/1977,V----,N0003, PP 0055-0058 OPTICAL PROPERTIES OF SPRAYED COATINGS 9 PP OLD COPYRIGHT INFO REFER OTHERS TO FTD/STINFO FTD-ID(IRS)T-1754-79</p>	000000196398
<p>IVANOV, V. K. //PHYSIC.-FIZIKA I KHIMIYA OBRABOTKI MATERIALOV// 00/00/1977,V----,N0003, PP 0127-0131 MAY-JUNE 77 INVESTIGATION OF THE INTERACTION OF SILICON CARBIDE FIBERS WITH A MATRIX MADE OF A COMPLEXLY ALLOYED NICKEL ALLOY 11 PP OLD COPYRIGHT INFO REFER OTHERS TO FSTC ARM/FSTC/MT-1163-78</p>	000000175698
<p>IVANOV, V. K. //PHYSIC.-FIZIKA I KHIMIYA OBRABOTKI MATERIALOV// 00/00/1977,V----,N0003, PP 0127-0131 INVESTIGATION OF THE INTERACTION OF SILICON CARBIDE FIBERS WITH MATRICES MADE FROM COMPLEXLY ALLOYED NICKEL ALLOY #FSTC SERIAL NUMBER 1163-78</p>	000000260351
<p>SHPURIK, V. N. //PHYSIC.-FIZIKA I KHIMIYA OBRABOTKI MATERIALOV// 00/00/1977,V----,N0003, PP 0136-0138 INVESTIGATION OF REACTION DIFFUSION IN THIN FILM SYSTEM NI-TI #NTIS TT 80-58237</p>	000000237035
<p>SHORSHOROV, M. KH. //PHYSIC.-FIZIKA I KHIMIYA OBRABOTKI MATERIALOV// 00/00/1977,V----,N0004, PP 0133-0136 DEPENDENCE OF TENSILE STRENGTH OF AN ALUMINUM ALLOY - STEEL WIRE COMPOSITE MATERIAL ON THE ANGLE OF REINFORCEMENT 10 PP</p>	000000105205

<p>OLD COPYRIGHT INFO REFER OTHERS TO FTD/STINFO FTD-ID(RS)T-2114-77 #</p>	000000102675
<p>MANUYLOV, V. F. //PHYSIC.-FIZIKA I KHIMIYA OBRABOTKI MATERIALOV// 00/00/1977,V----,N0004, PP 0144-0149 CALCULATING OPTIMUM PROCESS AND EQUIPMENT PARAMETERS IN INDIRECT HOT EXTRUSION OF TUBES FROM COMPOSITE MATERIALS WITH BRITTLE FIBERS 10 PP OLD COPYRIGHT INFO REFER OTHERS TO FTD/STINFO FTD-ID(RS)T-2112-77 #</p>	000000136912
<p>UNKNOWN //PHYSIC.-FIZIKA I KHIMIYA OBRABOTKI MATERIALOV// 00/00/1977,V----,N0005, PP 0013-0024 SEPT-OCT 1977, ALSO PP 36-43, 105-110 PHYSICS AND CHEMISTRY OF THE TREATMENT OF MATERIALS(SELECTED ARTICLES) 65 PP OLD COPYRIGHT INFO REFER OTHERS TO FTD/STINFO FTD-ID(RS)T-1091-78 #</p>	000000114148
<p>MEL'KER, A. I. //PHYSIC.-FIZIKA I KHIMIYA OBRABOTKI MATERIALOV// 00/00/1977,V----,N0005, PP 0062-0068 DESTRUCTION OF SOLID BODIES BOMBARDED BY ELECTROMS 18 PP OLD COPYRIGHT INFO REFER OTHERS TO FTD/STINFO FTD-ID(RS)T-0038-78 #</p>	000000111791
<p>YEMETU, A. K. //PHYSIC.-FIZIKA I KHIMIYA OBRABOTKI MATERIALOV// 00/00/1977,V----,N0005, PP 0100-0104 DESTRUCTION OF METAL FOILS WITH THIN FILM COAT ING BY PULSED LASER 17 PP OLD COPYRIGHT INFO REFER OTHER TO FTD/STINFO FTD-ID(RS)T-0039-78 #</p>	000000146065
<p>YEMETS, A. K. //PHYSIC.-FIZIKA I KHIMIYA OBRABOTKI MATERIALOV// 00/00/1977,V----,N0005, PP 0100-0104 SEPTEMBER-OCTOBER 1977 BREAKDOWN OF METALLIC FOIL WITH THIN-FILM COATINGS BY A PULSED LASER, 16 PAGES OLD COPYRIGHT INFO REFER OTHERS TO FTD/STINFO AIR FTD ID(RS)T-1944-78 #</p>	000000209689
<p>KURASOV, V. N. //PHYSIC.-FIZIKA I KHIMIYA OBRABOTKI MATERIALOV// 00/00/1977,V----,N0005, PP 0129-0134 INVESTIGATION OF PHASE RELATIONSHIPS AND INTERDIFFUSION IN ALLOYS OF COMPOSED OF ELEMENTS WITH HIGH MELTING POINTS AND ALUMINIUM #NTIS TT 80-58248 #</p>	000000247827
<p>KUBASOV, V. N. //PHYSIC.-FIZIKA I KHIMIYA OBRABOTKI MATERIALOV// 00/00/1977,V----,N0005, PP 0129-0134 INVESTIGATION OF PHASE DEVELOPMENT IN THE INTERDIFFUSION OF A TUNGSTEN-RHENIUM ALLOY WITH LIQUID ALUMINIUM AT ZERO GRAVITY CONDITIONS NTC 80-13544-11F #</p>	000000237031
<p>BYSTROY, L. N.</p>	

<p>//PHYSIC.-FIZIKA I KHIMIYA OBRABOTKI MATERIALOV// 00/00/1977,V----,N0006, PP 0025-0029 DIFFUSION PROCESSES OCCURING DURING THE IRRADIATION OF MATERIALS *NTIS TT 80-58245</p>	000000305603
<p>UNKNOWN //PHYSIC.-FIZIKA I KHIMIYA OBRABOTKI MATERIALOV// 00/00/1977,V----,N0006, PP 0097-0101 ALSO PAGES 117-123, 129-134 PHYSICS AND CHEMISTRY OF PROCESSING MATERIALS (SELECTED ARTICLES) 32 PP QUD COPYRIGHT INFO REFER OTHERS TO FTD/STINFO AIR/FTD-ID(IRS)T-0027-80</p>	000000223770
<p>UNKNOWN //PHYSIC.-FIZIKA I KHIMIYA OBRABOTKI MATERIALOV// 00/00/1977,V----,N0006, PP 0102-0109 ALSO PP 124-128, 136-139 PHYSICS AND CHEMISTRY MATERIALS PROCESSING 45 PP QUD COPYRIGHT INFO REFER OTHERS TO FTD/STINFO AIR/FTD-ID(IRS)T-1905-78</p>	000000143142
<p>SHORSHOROV, M. KH. //PHYSIC.-FIZIKA I KHIMIYA OBRABOTKI MATERIALOV// 00/00/1977,V----,N0006, PP 0110-0116 FIBER-REINFORCED COMPOSITE MATERIALS ON TITANIUM BASE, 10 PAGES QUD COPYRIGHT INFO REFER OTHERS TO FTD FTD-ID(IRS)T-1832-78</p>	000000211924
<p>KISELEV, V. A. //PHYSIC.-FIZIKA I KHIMIYA OBRABOTKI MATERIALOV// 00/00/1977,V----,N0006, PP 0117-0123 INVESTIGATION OF THE EFFECT OF MARAGING ON THE STATIC AND FATIGUE STRENGTH OF FINE WIRES MADE FROM STAINLESS STEEL NTC 79-12800-11F</p>	000000163049
<p>KOBETS, L. P. //PHYSIC.-FIZIKA I KHIMIYA OBRABOTKI MATERIALOV// 00/00/1977,V----,N0006, PP 0129-0135 NOV-DEC INVESTIGATION OF THE WORKING LIFE OF ACTIVATED CARBON FIBERS QUD COPYRIGHT INFO REFER OTHERS TO FSTC ARM/FSTC/HT 0917-78</p>	000000300886
<p>UGLOV, V. S. //PHYSIC.-FIZIKA I KHIMIYA OBRABOTKI MATERIALOV// 00/00/1977,V----,N0006, PP 0144-0147 THE EFFECT OF IMPULSE PRESSURE, CREATED BY A POWERFUL ELECTRON BEAM, ON THE STRUCTURE AND PROPERTIES OF SOME METALS 11 PP QUD COPYRIGHT INFO REFER OTHERS TO FTD/STINFO AIR/FTD-ID(IRS)T-1577-79</p>	000000127950
<p>NOVIKOV, A. A. //PHYSIC.-FIZIKA I KHIMIYA OBRABOTKI MATERIALOV// 00/00/1977,V0011,N0001, PP 0043-0048 ELECTRON OPTICAL MODEL OF THE PENETRATION CHANNEL IN ELECTRON BEAM WELDING AND TREATMENT V.E. RIECANSKY, VR/894/77</p>	

NOVIKOV, A. A. //PHYSIC.-FIZIKA I KHIMIYA OBRABOTKI MATERIALOV// 00/00/1977,V0011,N0001, PP 0043-0048 AN ELECTRON OPTICAL MODEL OF THE PENETRATION CHANNEL ELECTRON BEAM WELDING AND TREATMENT VER 894/77	000000248775
SHTINOV, YE. D. //PHYSIC.-FIZIKA I KHIMIYA OBRABOTKI MATERIALOV// 00/00/1977,V0011,N0001, PP 0078-0081 COMBINED HARDENING OF STEEL USING TREATMENT GIVING FINE AUSTENITE GRAINS B PP BLLD 9023.19(895/77)	000000241666
SHTINOV, E. D. //PHYSIC.-FIZIKA I KHIMIYA OBRABOTKI MATERIALOV// 00/00/1977,V0011,N0001, PP 0078-0081 COMBINED HARDENING OF STEEL USING TREATMENT GIVING FINE AUSTENITE GRAINS VER 895/77	000000250227
YEREMINA, M. I. //PHYSIC.-FIZIKA I KHIMIYA OBRABOTKI MATERIALOV// 00/00/1977,V0011,N0001, PP 0082-0086 THE EFFECT OF ISOTHERMAL QUENCHING ON THE KINETICS OF LIBERATION OF HYDROGEN FROM STEEL 40KHN. 10 PP BLLD 9023.19(896/77)	000000241667
YEREMINA, M. I. //PHYSIC.-FIZIKA I KHIMIYA OBRABOTKI MATERIALOV// 00/00/1977,V0011,N0001, PP 0082-0086 THE EFFECT OF ISOTHERMAL QUENCHING ON THE KINETICS OF LIBERATION OF HYDROGEN FROM STEEL 40KHN VER 896/77	000000250228
AVERIN, V. V. //PHYSIC.-FIZIKA I KHIMIYA OBRABOTKI MATERIALOV// 00/00/1977,V0011,N0001, PP 0107-0111 EXAMINATION OF THE DEPENDENCE OF THE DEFORMABILITY OF SULPHIDE INCLUSIONS ON THEIR CHEMICAL COMPOSITION VER 897/77	000000250229
ALEKSEEVA, L. E. //PHYSIC.-FIZIKA I KHIMIYA OBRABOTKI MATERIALOV// 00/00/1977,V0011,N0002, PP 0078-0081 EFFECT OF EXTERNAL STRESS APPLIED DURING THE AGE ING OF A MARAGING STEEL ON ITS CRACK PROPAGATION RESISTANCE V.E. RIECANSKY VR/946/77	000000127951
ALEKSEEVA, L. E. //PHYSIC.-FIZIKA I KHIMIYA OBRABOTKI MATERIALOV// 00/00/1977,V0011,N0002, PP 0078-0081 EFFECT OF EXTERNAL STRESS APPLIED DURING THE AGEING OF A MARAGING STEEL ON ITS CRACK PROPAGATION RESISTANCE V. E. RIECANSKY TECHNICAL TRANSLATIONS	000000150094
ALEKSEYEVA, L. E. //PHYSIC.-FIZIKA I KHIMIYA OBRABOTKI MATERIALOV// 00/00/1977,V0011,N0002, PP 0078-0081 THE EFFECT OF EXTERNAL STRESSES APPLIED DURING THE AGEING OF MARAGING STEEL ON ITS CRACK	000000275070

PROPAGATION RESISTANCE 8 PP BLLD: 9023.19(906/77)	#	
KOKORA, A. N. //PHYSIC.-FIZIKA I KHIMIYA OBRABOTKI MATERIALOV// 00/00/1977,V0011,N0003, PP 0024-0027 SURFACE HARDENING OF GREY CAST IRON COMPONENTS BY CONTINUOUS LASER RADIATION V.E. RIECANSKY, VR/1006/77	#	000000127952
KOKORA, A. N. //PHYSIC.-FIZIKA I KHIMIYA OBRABOTKI MATERIALOV// 00/00/1977,V0011,N0003, PP 0024-0027 THE SURFACE HARDENING OF GREY CAST IRON COMPONENTS BY CONTINUOUS LASER RADIATION 11 PP BLLD: REF. 9023.19	#	000000178370
LYUCHKOV, A. D. //PHYSIC.-FIZIKA I KHIMIYA OBRABOTKI MATERIALOV// 00/00/1977,V0011,N0003, PP 0086-0090 EFFECT OF PLASTIC STRAIN ON THE MECHANICAL PRO PERTIES AND STRUCTURE OF A QUENCHED LOW CARBON STEEL V.E. RIECANSKY, VR/1007/77	#	000000127953
LYUCHKOV, A. D. //PHYSIC.-FIZIKA I KHIMIYA OBRABOTKI MATERIALOV// 00/00/1977,V0011,N0003, PP 0086-0090 THE EFFECT OF PLASTIC STRAIN ON THE MECHANICAL PROPERTIES AND STRUCTURE OF A QUENCHES LOW CARBON STEEL 9 PP BLLD: REF. 9023.19	#	000000300891
KULEMIN, A. V. //PHYSIC.-FIZIKA I KHIMIYA OBRABOTKI MATERIALOV// 00/00/1977,V0011,N0003, PP 0096-0100 EFFECT OF ULTRASONIC STRAINS ON THE KINETICS OF INTERMEDIATE (BAINITIC) TRANSFORMATION OF AUSTEN ITE V.E. RIECANSKY, VR/1008/77	#	000000127954
KOKORA, A. N. //PHYSIC.-FIZIKA I KHIMIYA OBRABOTKI MATERIALOV// 00/00/1977,V0011,N0004, PP 0023-0026 THE SURFACE HARDENING OF CAST IRON CONTAINING COMPACT GRAPHITE INCLUSIONS BY MEANS OF RADIATION OF A CONTINUOUS LASER VER: VR/1044/77	#	000000143660
TATARCHENKO, V. A. //PHYSIC.-FIZIKA I KHIMIYA OBRABOTKI MATERIALOV// 00/00/1978,V----,N0001, PP 0079-0084 OBTAINING SILICON PLATES BY EXTRACTION FROM A MOLTEN SOLUTION BY THE STEPANOV METHOD NTC 79-10908-13H	#	000000189858
PIIMOV, V. N. //PHYSIC.-FIZIKA I KHIMIYA OBRABOTKI MATERIALOV// 00/00/1978,V----,N0001, PP 0107-0111 A STUDY OF THE GROWTH OF INTERMETALLIC PHASES IN THE GOLD ALUMINIUM ALLOYS *NTIS TT 80-58246	#	000000237030
PIIMOV, V.	#	000000247770

<p>//PHYSIC.-FIZIKA I KHIMIYA OBRABOTKI MATERIALOV// 00/00/1978,V----,N0001, PP 0107-0111 THE EFFECT OF CURRENT REGIME ON THE PHASE DEVELOPMENT IN THE DIFFUSION LAYER NTC 80-13281-11F</p>	<p>000000194936</p>
<p>UNKNOWN //PHYSIC.-FIZIKA I KHIMIYA OBRABOTKI MATERIALOV// 00/00/1978,V----,N0001, PP 0138-0142 JAN-FEB 78, ALSO PP 143-151 MATERIALS PROCESSING PHYSICS AND CHEMISTRY (SELECTED ARTICLES) 35 PAGES QUD COPYRIGHT INFO REFER OTHERS TO FTD/STINFO FTD-IDIRSI-T-1089-78</p>	<p>000000214795</p>
<p>GOLUBEV, S. G. //PHYSIC.-FIZIKA I KHIMIYA OBRABOTKI MATERIALOV// 00/00/1978,V----,N0002, PP 0003-0010 MARCH-APRIL 1978 THE EFFECT OF LASER RADIATION REFRACTION ON THE CHARACTER OF ELECTRON AVALANCHE IN SOLID OPTICALLY TRANSPARENT DIELECTRIC 16 PP QUD COPYRIGHT INFO REFER OTHERS TO FTD/STINFO FTD-IDIRSI-T-0150-80</p>	<p>000000258237</p>
<p>KOSTIKOV, V. I. //PHYSIC.-FIZIKA I KHIMIYA OBRABOTKI MATERIALOV// 00/00/1978,V----,N0002, PP 0142-0146 PRODUCTION OF FIBROUS COMPOSITE MATERIALS WITH A REFRACTORY MATRIX BY THE PLASMA SPRAYING METHOD 10 PP QUD COPYRIGHT INFO REFER OTHERS TO FSTC ARM/FSTC-MT-1327-78</p>	<p>000000300887</p>
<p>KOSTIKOV, V. I. //PHYSIC.-FIZIKA I KHIMIYA OBRABOTKI MATERIALOV// 00/00/1978,V----,N0002, PP 0142-0146 PRODUCTION OF FIBROUS COMPOSITE MATERIALS WITH A REFRACTORY MATRIX BY THE PLASMA SPRAYING METHOD #FSTC SERIAL NO. 1327-78</p>	<p>000000194935</p>
<p>UNKNOWN //PHYSIC.-FIZIKA I KHIMIYA OBRABOTKI MATERIALOV// 00/00/1978,V----,N0002, PP 0142-0154 MARCH-APRIL 1978 PHYSICS AND CHEMISTRY OF TREATMENT OF MATERIALS, (SELECTED ARTICLES) 33 PAGES QUD COPYRIGHT INFO REFER OTHERS TO FTD/STINFO FTD-IDIRSI-T-1090-78</p>	<p>000000183928</p>
<p>GLAGOLEV, V. V. //PHYSIC.-FIZIKA I KHIMIYA OBRABOTKI MATERIALOV// 00/00/1978,V----,N0002, PP 0147-0150 STRENGTH PROPERTIES OF BIMET ALLIC MOLYBDENUM TUNGSTEN COMPOSITE MATERIALS 9 PP QUD COPYRIGHT INFO REFER OTHERS TO FSTC ARM/FSTC-MT-1326-78</p>	<p>000000223578</p>
<p>GLAGOLEV, V. V. //PHYSIC.-FIZIKA I KHIMIYA OBRABOTKI MATERIALOV// 00/00/1978,V----,N0002, PP 0147-0150 STRENGTH PROPERTIES OF BIMETAL MOLYBDENUM TUNGSTEN COMPOSITIONS 8 PP QUD COPYRIGHT INFO REFER OTHERS TO FTD/STINFO</p>	

FTD-ID(RS)IT-0014-80	
<p>SHCHETININ, YA. YA. //PHYSIC.-FIZIKA I KHIMIYA OBRABOTKI MATERIALOV// 00/00/1978,V----,N0002, PP 0151-0154 CAUSES OF REDUCTION OF THE STRENGTH OF CARBON FIBERS WHISKERED BY MEANS OF THREAD LIKE SILICON CRYSTALS 8 PP OLD COPYRIGHT INFO REFER OTHERS TO FSTC ARM/FSTC/MT-1324-78</p>	000000183883
<p>SHCHETININ, A. A. //PHYSIC.-FIZIKA I KHIMIYA OBRABOTKI MATERIALOV// 00/00/1978,V----,N0002, PP 0151-0154 CAUSES OF REDUCTION OF THE STRENGTH OF CARBON FIBERS WHISKERED BY MEANS OF THREAD-LIKE SILICON CRYSTALS *FSTC SERIAL NO 1325-78</p>	000000195687
<p>BAKARINOVA, V. I. //PHYSIC.-FIZIKA I KHIMIYA OBRABOTKI MATERIALOV// 00/00/1978,V----,N0002, PP 0173-0175 SCIENTIFIC AND TECHNICAL SEMINAR ON NEW COMPOSITE MATERIALS AND PROCESSES FOR THEIR PRODUCTION JPRS FOR FSTC 1325-79</p>	000000179118
<p>BAKARINOVA, V. I. //PHYSIC.-FIZIKA I KHIMIYA OBRABOTKI MATERIALOV// 00/00/1978,V----,N0002, PP 0173-0175 SCIENTIFIC AND TECHNICAL SEMINAR ON NEW COMPOSITE MATERIALS AND PROCESSES FOR THEIR PRODUCTION *FSTC SERIAL NO 1325-78</p>	000000195686
<p>UNKNOWN //PHYSIC.-FIZIKA I KHIMIYA OBRABOTKI MATERIALOV// 00/00/1978,V----,N0003, PP 0023-0027 ALSO PAGES 45-47, 139-151, 153-155 PHYSICS AND CHEMISTRY OF PROCESSING OF MATERIALS (SELECTED ARTICLES) 42 PP OLD COPYRIGHT INFO REFER OTHERS TO FTD/STINFO AIR/FTD-ID(RS)IT-0013-80</p>	000000305590
<p>LYSIKOV, YU. I. //PHYSIC.-FIZIKA I KHIMIYA OBRABOTKI MATERIALOV// 00/00/1978,V----,N0003, PP 0031-0036 THE ROLE OF THERMO-ELECTROMOTIVE FORCES IN OPTICAL DIELECTRIC BREAKDOWN OF TRANSPARENT 15 PP OLD COPYRIGHT INFO REFER OTHERS TO FTD/STINFO FTD-ID(RS)IT-1027-79</p>	000000185579
<p>YURAKOV, YU. A. //PHYSIC.-FIZIKA I KHIMIYA OBRABOTKI MATERIALOV// 00/00/1978,V----,N0003, PP 0122-0125 INVESTIGATION OF SOLID PHASE REACTION IN FILM STRUCTURES MOLYBDENUM SILICON DIOXIDE-SILICON AND MOLYBDENUM-SILICON BY THE S-RAY SPECTRAL METHOD 10 PP OLD COPYRIGHT INFO REFER OTHERS TO FTD/STINFO FTD-ID(RS)IT-0581-80</p>	000000267019
<p>SHPURIK, V. N. //PHYSIC.-FIZIKA I KHIMIYA OBRABOTKI MATERIALOV// 00/00/1978,V----,N0003, PP 0136-0138 INVESTIGATION OF THE DIFFUSION PROCESS IN THE</p>	000000247771

THIN FILM SYSTEM NI-TI NTC 80-13282-11F	#	
UNKNOWN		000000195549
//PHYSIC.-FIZIKA I KHIMIYA OBRABOTKI MATERIALOV// 00/00/1978,V----,N0003, PP 0139-0155 PHYSICS AND CHEMISTRY OF TREATMENT OF MATERIALS (SELECTED ARTICLES) 42 PP OLD COPYRIGHT INFO REFER OTHERS TO FTD/STINFO FTD-ID(IRS)T-1629-78	#	
POKATOV, V. V.		000000194558
//PHYSIC.-FIZIKA I KHIMIYA OBRABOTKI MATERIALOV// 00/00/1978,V----,N0004, PP 0037-0039 EFFECT OF TEMPERATURE ON THERMOPHYSICAL PROPERTIES OF A MATERIAL BASED ON GLASS MICROBALLOONS 5 PP OLD COPYRIGHT INFO REFER OTHERS TO FTD/STINFO FTD-ID(IRS)T-1716-79	#	
PIMNOV, V. I.		000000237032
//PHYSIC.-FIZIKA I KHIMIYA OBRABOTKI MATERIALOV// 00/00/1978,V----,N0004, PP 0058-0061 KINETICS OF DIFFUSION IN MULTIPHASE LAYERS #NTIS TT 80-58244	#	
PIMNOV, V. N.		000000247826
//PHYSIC.-FIZIKA I KHIMIYA OBRABOTKI MATERIALOV// 00/00/1978,V----,N0004, PP 0058-0061 ON THE KINETICS OF PHASE GROWTH IN THE DIFFUSION LAYER BETWEEN SOLID AND LIQUID METALS NTC 80-13543-11F	#	
ARZUOV, M. I.		000000269604
//PHYSIC.-FIZIKA I KHIMIYA OBRABOTKI MATERIALOV// 00/00/1978,V----,N0005, PP 0019-0023 KINETICS OF HEATING OF METALS IN AN OXIDIZING MEDIUM BY CONTINUOUS CO2 LASER EMISSION 13 PP OLD COPYRIGHT INFO REFER OTHERS TO FTD/STINFO ATR/FTD-ID(IRS)T-1168-80	#	
PIMNOV, V. I.		000000237033
//PHYSIC.-FIZIKA I KHIMIYA OBRABOTKI MATERIALOV// 00/00/1978,V----,N0006, PP 0036-0041 KINETICS OF MULTIPHASE GROWTH IN INTERDIFFUSION ZONES #NTIS TT 80-58243	#	
PIMNOV, V. N.		000000247772
//PHYSIC.-FIZIKA I KHIMIYA OBRABOTKI MATERIALOV// 00/00/1978,V----,N0006, PP 0036-0041 PHASE FORMATION IN THE DIFFUSION LAYER BETWEEN SOLID AND LIQUID METALS NTC 80-13283-11F	#	
UNKNOWN		000000163184
//PHYSIC.-FIZIKA I KHIMIYA OBRABOTKI MATERIALOV// 00/00/1978,V----,N0006, PP 0078-0100 NOV-DEC 78 ALSO PP 108-112 PHYSICS AND CHEMISTRY OF TREATMENT OF MATERIALS 74 PP OLD COPYRIGHT INFO REFER OTHERS TO FTD/STINFO FTD-ID(IRS)T-0356-79	#	
ANAN'YEV, A. I.		000000233663

<p>//PHYSIC.-FIZIKA I KHIMIYA OBRABOTKI MATERIALOV// 00/00/1978,V----,N0006, PP 0095-0100 CALCULATING THE OPTIMAL PARAMETERS OF THE HOT-PRESSING PROCESS BY PIERCING PIPES MADE FROM A FIBROUS COMPOSITE MATERIAL WITH LONGITUDINAL REINFORCEMENT 10 PP OLD COPYRIGHT INFO REFER OTHER TO FTD/STINFO FTD-IDIRSIT-1815-79 #</p>	000000199890
<p>ZADOROZHNYI, V. G. //PHYSIC.-FIZIKA I KHIMIYA OBRABOTKI MATERIALOV// 00/00/1978,V----,N0006, PP 0123-0125 DETERMINATION OF THE COEFFICIENT OF THE USE OF A POLYMER MATERIAL IN THE APPLICATION OF COATINGS IN A VACUUM 6 PP OLD COPYRIGHT INFO REFER OTHERS TO FTD/STINFO FTD-IDIRSIT-1957-79 #</p>	000000265632
<p>ARZUOV, M. I. //PHYSIC.-FIZIKA I KHIMIYA OBRABOTKI MATERIALOV// 00/00/1978,V0005,N----, PP 0019-0023 ENGLISH TITLE UNKNOWN 5 PP AIR/FTD-IDIRSIT-1168-80 #</p>	000000212216
<p>BAKARINOVA, V. I. //PHYSIC.-FIZIKA I KHIMIYA OBRABOTKI MATERIALOV// 00/02/1978,V----,N0002, PP 0174-0175 SEMINAR ON NEW COMPOSITE MATERIALS 7 PP OLD COPYRIGHT INFO REFER OTHERS TO FSTC ARM/FSTC/MT-1325-78 #</p>	000000286309
<p>UNKNOWN //PHYSIC.-FIZIKA I KHIMIYA OBRABOTKI MATERIALOV// 00/00/1979,V-----,N0006, PP 0116-0132 PHYSICS AND CHEMISTRY OF PROCESSING OF MATERIALS (SELECTED ARTICLES) 25 PP OLD COPYRIGHT INFO REFER OTHERS TO FTD/STINFO AIR/FTD-IDIRSIT-0556-80 #</p>	000000278293
<p>UNKNOWN //PHYSIC.-FIZIKA I KHIMIYA OBRABOTKI MATERIALOV// 00/00/1979,V----,N0001, PP 0003-0011 JAN-FEB 1979 PHYSICS AND CHEMISTRY OF PROCESSING OF MATERIALS (SELECTED ARTICLES) 41 PP OLD COPYRIGHT INFO REFER OTHERS TO FTD/STINFO AIR/FTD-IDIRSIT-1708-80 #</p>	000000268943
<p>UNKNOWN //PHYSIC.-FIZIKA I KHIMIYA OBRABOTKI MATERIALOV// 00/00/1979,V----,N0001, PP 0012-0030 PHYSICS AND CHEMISTRY OF PROCESSING OF MATERIALS 30 PP OLD COPYRIGHT INFO OTHER REFER TO FTD/STINFO FTD-IDIRSIT-0572-79 #</p>	000000252718
<p>MINKO, L. YA. //PHYSIC.-FIZIKA I KHIMIYA OBRABOTKI MATERIALOV// 00/00/1979,V----,N0001, PP 0031-0036 THE STUDY OF LASER RADIATION REFLECTION UNDER ITS DECOMPOSING ACTION ON OPAQUE 6 PP *FTD IDIRSIT-0004-81 #</p>	000000267083
<p>MINKO, L. YA.</p>	

<p>//PHYSIC.-FIZIKA I KHIMIYA OBRABOTKI MATERIALOV// 00/00/1979,V----,N0001, PP 0031-0036 INVESTIGATING THE REFLECTION OF LASER RADIATION DURING ITS DESTRUCTIVE EFFECT ON OPAQUE DIELECTRICS 9 PP OLD COPYRIGHT INFO REFER OTHERS TO FTD/STINFO AIR/FTD-ID(RST)1227-80</p>	000000261166
<p>FEDOSYEV, O. B. //PHYSIC.-FIZIKA I KHIMIYA OBRABOTKI MATERIALOV// 00/00/1979,V----,N0001, PP 0110-0116 A PHYSICAL THEORY OF ABRASION NTC 80-13069-20K: BLL 8313.4 (6252)</p>	000000214760
<p>BAYAZITOV, R. M. //PHYSIC.-FIZIKA I KHIMIYA OBRABOTKI MATERIALOV// 00/00/1979,V----,N0002, PP 0014-0017 MARCH-APRIL 1979 LASER HEATING OF THIN FILMS ON ABSORBING BASES 7 PP OLD COPYRIGHT INFO REFER OTHERS TO FTD/STINFO FTD-ID(RS)IT-0183-80</p>	000000214796
<p>AGEYEV, V. A. //PHYSIC.-FIZIKA I KHIMIYA OBRABOTKI MATERIALOV// 00/00/1979,V----,N0002, PP 0028-0032 EFFECT OF THE INCREASE OF LIGHT EROSION OF METALS WITH THE SIMULTANEOUS ACTION OF LASER RADIATION AND ULTRASOUND 13 PP OLD COPYRIGHT INFO REFER OTHERS TO FTD/STINFO FTD-ID(RS)IT-0108-80</p>	000000270497
<p>UNKNOWN //PHYSIC.-FIZIKA I KHIMIYA OBRABOTKI MATERIALOV// 00/00/1979,V----,N0002, PP 0033-0036 MARCH-APRIL 1979, ALSO PP 171-172 PHYSICS AND CHEMISTRY OF PROCESSING OF CHEMICALS 17 PP OLD COPYRIGHT INFO REFER OTHERS TO FTD/STINFO AIR/FTD-ID(RS)IT-1648-80</p>	000000235118
<p>IYANOVA, V. S. //PHYSIC.-FIZIKA I KHIMIYA OBRABOTKI MATERIALOV// 00/00/1979,V----,N0002, PP 0136-0143 THE EFFECT OF SURFACE ALLOYING ON THE MECHANICAL PROPERTIES AND FATIGUE CHARACTERISTICS OF MOLYBDENUM 21 PP OLD COPYRIGHT INFO REFER OTHERS TO FTD/STINFO AIR/FTD-ID(RS)IT-0416-80</p>	000000305593
<p>NIKOL'SKAYA, I. F. //PHYSIC.-FIZIKA I KHIMIYA OBRABOTKI MATERIALOV// 00/00/1979,V----,N0002, PP 0158-0160 MAR-APR 1979 THE DESTRUCTION OF ARTIFICIAL MONOCRYSTALS OF GRAPHITE BY THE EFFECT OF LASER EMISSION 5 PP OLD COPYRIGHT INFO REFER OTHERS TO FTD/STINFO AIR/FTD-ID(RS)IT-0085-80</p>	000000214693
<p>ZVYAGIN, V. B. //PHYSIC.-FIZIKA I KHIMIYA OBRABOTKI MATERIALOV// 00/00/1979,V----,N0003, PP 0035-0038 MAY-JUNE 1979 CALCULATION AND EXPERIMENTAL DETERMINATION OF THE</p>	

<p>DISTRIBUTION OF CURRENT DENSITY THROUGH THE ELECTRON BEAM CROSS SECTION 11 PP OLD COPYRIGHT INFO REFER OTHERS TO FTD/STINFO FTD-IDIRSIT-0181-80</p>	
<p>UNKNOWN //PHYSIC.-FIZIKA I KHIMIYA OBRABOTKI MATERIALOV// 00/00/1979,V----,N0003, PP 0061-0068 ALSO PP 103-107, 113-115, 138-146 PHYSICS AND CHEMISTRY OF THE PROCESSING OF MATERIALS 56 PP OLD COPYRIGHT INFO REFER OTHERS TO FTD/STINFO AIR/FTD-IDIRSIT-1393-79</p>	000000231266
<p>UNKNOWN //PHYSIC.-FIZIKA I KHIMIYA OBRABOTKI MATERIALOV// 00/00/1979,V----,N0003, PP 0083-0088 PHYSICS AND CHEMISTRY OF PROCESSING OF MATERIAL 21 PP OLD COPYRIGHT INFO REFER OTHERS TO FTD/STINFO AIR/FTD-IDIRSIT-1547-80</p>	000000264125
<p>USASTE, YU. YE. //PHYSIC.-FIZIKA I KHIMIYA OBRABOTKI MATERIALOV// 00/00/1979,V----,N0003, PP 0125-0131 KINETICS OF LAYER GROWTH DURING DIFFUSION *NTIS TT 80-58242</p>	000000237034
<p>UGASTE, YU. E. //PHYSIC.-FIZIKA I KHIMIYA OBRABOTKI MATERIALOV// 00/00/1979,V----,N0003, PP 0125-0131 KINETICS OF PHASE GROWTH DURING THE MUTUAL DIFFUSION IN POLYPHASE BINARY SYSTEMS NTC 81-10341-20L</p>	000000263216
<p>SHORSHOROV, M. KH. //PHYSIC.-FIZIKA I KHIMIYA OBRABOTKI MATERIALOV// 00/00/1979,V----,N0003, PP 0132-0137 MAY-JUN 1979 INTERRELATIONSHIP BETWEEN STRENGTH OF FIBER/MATRIX INTERFACE AND TENSILE STRENGTH OF COMPOSITE ALUMINUM-BORON MATERIAL 15 PP OLD COPYRIGHT INFO REFER OTHERS TO FTD/STINFO FTD-IDIRSIT-T-0192-80</p>	000000224802
<p>LIGACHEVA, YE. A. //PHYSIC.-FIZIKA I KHIMIYA OBRABOTKI MATERIALOV// 00/00/1979,V----,N0004, PP 0014-0018 JULY-AUGUST 1979 THE EFFECT OF NEUTRON IRRADIATION ON THE STRUCTURE AND PROPERTIES OF CARBON FIBERS 8 PP OLD COPYRIGHT INFO REFER OTHERS TO FTD/STINFO FTD-IDIRSIT-1711-79</p>	000000203314
<p>BABADZHAN, YE. I. //PHYSIC.-FIZIKA I KHIMIYA OBRABOTKI MATERIALOV// 00/00/1979,V----,N0004, PP 0037-0041 POSSIBLE MECHANISM OF ABSORPTION OF LASER RADIATION THROUGH DEFECTS OF THE SURFACE LAYER OF A SOLID *FTD-IDIRSIT-1474-81</p>	000000310147
<p>BABADZHAN, YE. I. //PHYSIC.-FIZIKA I KHIMIYA OBRABOTKI MATERIALOV//</p>	000000310146

00/00/1979,V----,N0005, PP 0011-0014 EFFECT OF THE PLASTIC FLOW OF MATERIAL ON THE PROPERTIES OF OPTICAL LASER ELEMENTS #FTD-ID(IRS)T-1479-81 #	000000278276
UNKNOWN //PHYSIC.-FIZIKA I KHIMIYA OBRABOTKI MATERIALOV// 00/00/1979,V----,N0006, PP 0044-0047 ALSO PP 52-67 PHYSICS AND CHEMISTRY OF PROCESSING MATERIAL (SELECTED ARTICLES) 60 PP OLD COPYRIGHT INFO REFER OTHERS TO FTD/STINFO AIR/FTD-ID(IRS)T-1548-80 #	000000252970
MAZHUKIN, V. I. //PHYSIC.-FIZIKA I KHIMIYA OBRABOTKI MATERIALOV// 00/00/1979,V----,N0006, PP 0073-0079 NOV-DEC 1979 A NUMERICAL ANALYSIS OF A LASER SPARK OCCURRING IN A DENSE GAS CLOSE TO A METALLIC TARGET 11 PP OLD COPYRIGHT INFO REFER OTHERS TO FTD/STINFO AIR/FTD-ID(IRS)T-1711-80 #	000000311938
UNKNOWN //PHYSIC.-FIZIKA I KHIMIYA OBRABOTKI MATERIALOV// 00/00/1979,V----,N0006, PP 0073-0079 NUMERICAL ANALYSIS OF THE RISE OF A LASER SPARK IN A DENSE GAS NEAR A METAL TARGET 7 PP #FTD-ID(IRS)T-0287-81 #	000000232341
MINKO, L. YE. //PHYSIC.-FIZIKA I KHIMIYA OBRABOTKI MATERIALOV// 00/00/1979,V0001,N----, PP 0031-0036 THE STUDY OF LASER RADIATION REFLECTION UNDER ITS DECOMPASSING ACTION ON OPAQUE DIELECTRICS #FTD-ID(IRS)T-1227-80 #	000000279058
UNKNOWN //PHYSIC.-FIZIKA I KHIMIYA OBRABOTKI MATERIALOV// 00/00/1980,V----,N0001, PP 0044-0049 ALSO PAGES 124-127 ENGLISH TITLE UNKNOWN #FTD-ID(IRS)T-0844-81 #	000000288835
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UNKNOWN //PHYSIC.-FIZIKA I KHIMIYA OBRABOTKI MATERIALOV// 00/00/1980,V----,N0001, PP 0103-0113 PHYSICS AND CHEMISTRY OF PROCESSING MATERIALS 27 PP OLD COPYRIGHT INFO REFER OTHERS TO FTD/STINFO AIR/FTD-ID(IRS)T-1546-80 #	000000260853
UNKNOWN //PHYSIC.-FIZIKA I KHIMIYA OBRABOTKI MATERIALOV// 00/00/1980,V----,N0002, PP 0003-0006	

<p>ALSO PP 25-27, 38-51, 96-98 PHYSICS AND CHEMISTRY OF PROCESSING OF MATERIALS (SELECTED ARTICLES) 67 PP QUD COPYRIGHT INFO REFER OTHERS TO FTD/STINFO AIR/FTD-ID(IRS)T-1816-80</p>	000000269379
<p>BURYKIN, YU. I. //PHYSIC.-FIZIKA I KHIMIYA OBRABOTKI MATERIALOV// 00/00/1980,V----,N0002, PP 0142-0146 MAR-APR 1980 EXPERIMENTAL RESEARCH OF HIGH-FREQUENCY VIBRATIONS APPEARING DURING ELECTRON-BEAM WELDING 16 PP QUD COPYRIGHT INFO REFER OTHERS TO FTD/STINFO AIR/FTD-ID(IRS)T-0096-81</p>	000000279057
<p>ROVINSKY, R. YE. //PHYSIC.-FIZIKA I KHIMIYA OBRABOTKI MATERIALOV// 00/00/1980,V----,N0003, PP 0007-0011 CHANGE IN THE STRUCTURE OF A COPPER CHROMIUM ALLOY IRRADIATED BY A CO2 LASER IMPULSE 5 PP #FTD-ID(IRS)T-0845-81</p>	000000298289
<p>ROBINSKIY, R. YE. //PHYSIC.-FIZIKA I KHIMIYA OBRABOTKI MATERIALOV// 00/00/1980,V----,N0003, PP 0007-0011 MAY-JUNE 1980 CHANGES IN THE STRUCTURE OF THE ALLOY COPPER-CHROMIUM IRRADIATED BY THE PULSE OF A CO2 LASER 7 PP QUD COPYRIGHT INFO REFER OTHERS TO FTD/STINFO AIR/FTD-ID(IRS)T-0845-81</p>	000000278259
<p>UNKNOWN //PHYSIC.-FIZIKA I KHIMIYA OBRABOTKI MATERIALOV// 00/00/1980,V----,N0003, PP 0012-0015 ALSO PP 49-55, 68-72, 96-102, 1 UNNUMBERED PAGE PHYSICS AND CHEMISTRY OF PROCESSING MATERIALS (SELECTED ARTICLES) 67 PP QUD COPYRIGHT INFO REFER OTHERS TO FTD/STINFO AIR/FTD-ID(IRS)T-1707-80</p>	000000296660
<p>BOBYREV, V. A. //PHYSIC.-FIZIKA I KHIMIYA OBRABOTKI MATERIALOV// 00/00/1980,V----,N0004, PP 0003-0006 JUL-AUG 80 SPECIAL FEATURES IN THE DESTRUCTION OF METAL FOIL BY THE RADIATION OF A PULSED-PERIOD CO2 LASER 6 PP AIR/FTD-ID(IRS)T-1898-80</p>	000000296674
<p>UGLOV, A. A. //PHYSIC.-FIZIKA I KHIMIYA OBRABOTKI MATERIALOV// 00/00/1980,V----,N0004, PP 0007-0011 JUL-AUG 1980 CALCULATION OF THE TEMPERATURE FIELD OF MOVING HEAT SOURCES TAKING INTO ACCOUNT THE TEMPERATURE DEPENDENCE OF COEFFICIENTS 12 PP QUD COPYRIGHT INFO REFER OTHERS TO FTD/STINFO AIR/FTD-ID(IRS)T-1897-80</p>	000000278296
<p>UNKNOWN //PHYSIC.-FIZIKA I KHIMIYA OBRABOTKI MATERIALOV// 00/00/1980,V----,N0004, PP 0063-0067 ALSO PP 86-89</p>	

<p>PHYSICS AND CHEMISTRY OF PROCESSING OF MATERIALS (SELECTED ARTICLES) 23 PP OLD COPYRIGHT INFO REFER OTHERS TO FTD/STINFO AIR/FTD-IDIRSIT-1896-80</p>	00000296711
<p>BELETSKIY, V. M. //PHYSIC.-FIZIKA I KHIMIYA OBRABOTKI MATERIALOV// 00/00/1980,V----,N0004, PP 0131-0137 THE STRUCTURE AND STRENGTH OF JOINTS OBTAINED BY PRESSURE CONTACT SPOT WELDING OF ALUMINUM-BORON COMPOSITE MATERIAL 11 PP OLD COPYRIGHT INFO REFER OTHERS TO FTD/STINFO AIR/FTD-IDIRSIT-1864-80</p>	00000289135
<p>BUNKIN, F. V. //PHYSIC.-FIZIKA I KHIMIYA OBRABOTKI MATERIALOV// 00/00/1980,V----,N0005, PP 0007-0014 ON THE POSSIBILITY OF REDUCING THE ENERGY EXPENDITURES TO HEAT METALS BY MEANS BY LASER RADIATION 11 PP OLD COPYRIGHT INFO REFER OTHERS TO FTD/STINFO AIR/FTD-IDIRSIT-1084-81</p>	00000281771
<p>UNKNOWN //PHYSIC.-FIZIKA I KHIMIYA OBRABOTKI MATERIALOV// 00/00/1981,V----,N0001, PP 0007-0043 JAN-FEB 1981 PHYSICS AND CHEMISTRY OF PROCESSING OF MATERIALS (SELECTED ARTICLES) 68 PP OLD COPYRIGHT INFO REFER OTHERS TO FTD/STINFO AIR/FTD-IDIRSIT-0672</p>	00000313882
<p>SANDKHIN, A. A. //PHYSIC.-FIZIKA I KHIMIYA OBRABOTKI MATERIALOV// 00/00/1981,V----,N0003, PP 0003-0011 EVAPORATION OF A SUBSTANCE UNDER LASER RADIATION *FTD-IDIRSIT-0398-82</p>	00000305774
<p>UNKNOWN //PHYSIC.-FIZIKA I KHIMIYA OBRABOTKI MATERIALOV// 00/00/1981,V----,N0003, PP 0073-0086 ALSO PAGES 122-133, 155-156 ENGLISH TITLE UNKNOWN 28 PP *FTD-IDIRSIT-0278-82</p>	00000306212
<p>UNKNOWN //PHYSIC.-FIZIKA I KHIMIYA OBRABOTKI MATERIALOV// 00/00/1981,V----,N0004, ENGLISH TITLE UNKNOWN *FTD-IDIRSIT-0255-82</p>	00000305773
<p>UNKNOWN //PHYSIC.-FIZIKA I KHIMIYA OBRABOTKI MATERIALOV// 00/00/1981,V----,N0004, PP 0003-0023 ENGLISH TITLE UNKNOWN *FTD-IDIRSIT-0281-82</p>	00000306475
<p>BARINOK, V. A. //PHYSIC.-FIZIKA I KHIMIYA OBRABOTKI MATERIALOV// 00/00/1981,V----,N0004, PP 0095-0100 JULY - AUGUST 1981 CALCULATION OF RESIDUAL STRESSES IN PLASMA COATINGS WITH GROWTH PROCESS CONSIDERED 9 PP OLD COPYRIGHT INFO REFER OTHERS TO FTD/STINFO</p>	

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KASHIN, V.	000000141216

<p>//PHYSIC.-FIZIKA I KHIMIYA OSNOVY METALLOV PROTES ESSOV// 00/00/1973,V----,N----, PP 0090-0098 REACTION OF TUNGSTEN AND MOLYBDENUM METALS WITH GASEOUS OXYGEN NTIS TT 76-59191</p>	#	
<p>PORAY-KOSHITS, E. A. //PHYSIC.-FIZIKA I KHIMIYA STEKLA// 00/00/1975,V0001,N0001, PP 0003-0010 PHYSICAL AND CHEMICAL PROPERTIES OF GLASS NTC 77-11776-11B</p>	#	000000109362
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<p>LEKO, V. K. //PHYSIC.-FIZIKA I KHIMIYA STEKLA// 00/00/1975,V0001,N0003, PP 0264-0271 EFFECT OF MELTING REDOX CONDITIONS ON THE VISCOSITY OF ELECTROMELTED GLASSES NTC 77-11775-11B</p>	#	000000109361
<p>LEKO, V. K. //PHYSIC.-FIZIKA I KHIMIYA STEKLA// 00/00/1975,V0001,N0003, PP 0264-0271 EFFECT OF MELTING REDOX CONDITIONS ON THE VISCOSITY OF ELECTROMELTED GLASSES NTIS, BLLD: NTC-77-11775</p>	#	000000237242
<p>UNKNOWN //PHYSIC.-FIZIKA I KHIMIYA STEKLA// 01/01/1975,V----,N----, TRANSLATED COVER TO COVER STARTING WITH 01 JANUARY 1975 PLENUM PUBLISHING COMPANY</p>	#	000000022183
<p>TATARINTSEV, B. V. //PHYSIC.-FIZIKA I KHIMIYA STEKLA// 00/00/1976,V0002,N----, PP 0286-0287 EFFECT OF WATER INCLUDED (DISPERSED) IN GLASS ON THE ELECTRICAL CONDUCTIVITY OF ALKALI TELLURITE GLASSES NTC 79-11808-11B</p>	#	000000188789
<p>MOROZOVA, I. N. //PHYSIC.-FIZIKA I KHIMIYA STEKLA// 00/00/1977,V0003,N----, PP 0197-0201 INFRARED SPECTROSCOPIC STUDY OF THE STRUCTURE OF LITHIUM TELLURITE GLASSES NTC 79-11809-11B</p>	#	000000188790
<p>ALEKSEYEVA, I. V. //PHYSIC.-FIZIKA I KHIMIYA STEKLA// 00/00/1978,V0004,N0004, PP 0411-0415 GLASS FORMATION IN THE SYSTEM GERMANIUM-SULFUR SELENIUM NTC 79-12425-11B</p>	#	000000210273
<p>PAZIN, A. V. //PHYSIC.-FIZIKA I KHIMIYA STEKLA// 00/00/1978,V0004,N0006, PP 0688-0695</p>	#	000000245689

<p>EFFECT OF STABILIZING ANNEALING ON THE ELECTRIC CONDUCTIVITY OF GESE2-AS2SE3-SB2SE3 BASED GLASS 18 PP OLD COPYRIGHT INFO REFER OTHERS TO FTD/STINFO AIR/FTD-IDIRSIT-1112-80</p>	#	00000280946
<p>VALTERE, A. YA. //PHYSIC.-FIZIKA I KHIMIYA STEKLA// 00/00/1979,V0005,N0006, PP 0711-0715 PHASE TRANSFORMATIONS OF VITRIFYING EUROPIUM METAPHOSPHATE 8 PP OLD COPYRIGHT INFO REFER OTHERS TO FTD/STINFO AIR/FTD-IDIRSIT-0725-81</p>	#	00000307864
<p>YEFIMOV, A. M. //PHYSIC.-FIZIKA I KHIMIYA STEKLA// 00/00/1980,V0006,N0006, PP 0737-0741 DIELECTRIC PROPERTY OF BORATE AND GERMANATE GLASSES 5 PP #FTD-IDIRSIT-0182-82</p>	#	00000102711
<p>POCHEKUTOVA, M. G. //PHYSIC.-FIZIKA I KHIMIYA// 00/00/1974,V0001,N----, PP 0018-0024 ON THE LIQUID-VAPOR EQUILIBRIUM IN THE NITRIC ACID-WATER-PRASEODYMIUM NITRATE-NEODYMIUM NITRATE SYSTEM 8 PP ERDA/UCRL-TR-11294-77</p>	#	00000278172
<p>UNKNOWN //PHYSIC.-FIZIKA I KHIMIYA, OBRABOTKI MATERIALOV// 00/00/1980,V----,N0005, PP 0037-0043 ALSO PP 73-76, 81-96 PHYSICS AND CHEMISTRY OF PROCESSING MATERIALS (SELECTED ARTICLES) 73 PP OLD COPYRIGHT INFO REFER OTHERS TO FTD/STINFO AIR/FTD-IDIRSIT-2008-80</p>	#	00000199423
<p>UNKNOWN //PHYSIC.-FIZIKA I KHIMIYA OBRABOTKI MATERIALCOV// 00/00/1977,V0006,N----, PP 0102-0109 ALSO PP 124-128 AND 136-139 ENGLISH TITLE UNKNOWN #FTD-IDIRSIT-1905-78</p>	#	00000206544
<p>PODGORNIY, I. M. //PHYSIC.-FIZIKA I PRIMENIYE PLAZMENNUKH USKORI TELEY// 00/00/1974,V----,N----, PP 0309-0329 ENGLISH TITLE UNKNOWN #FTD-IDIRSIT-717-79</p>	#	00000149049
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<p>GRIDNEV, V. N. //PHYSIC.-FIZIKA METALLOV I METALLOVEDENIE// 00/00/1977,V0043,N0003, PP 0582-0590 STUDY OF IRON-CARBIDE MARTENSITE STRUCTURE BY MOSSBAUER EFFECT *PERGAMON PRESS LTD.</p>	000000301841
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<p>CHUDINOV, Y. G.</p>	

<p>//PHYSIC.-FIZIKA METALLOV I METALLOVEDENIE// 00/00/1977,V0043,N0004, PP 0692-0701 INFLUENCE OF ENVIRONMENT TEMPERATURE ON DEFECT FORMATION IN SOLIDS DURING FAST NEUTRON IRRADIATION PERGAMON PRESS LTD.</p>	#	
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<p>TOMKOV, YE. YU. //PHYSIC.-FIZIKA METALLOV I METALLOVEDENIE// 00/00/1977,V0043,N0004, PP 0601-0605 INFLUENCE OF PULSED MAGNETIC FIELD ON HIGH PRESSURE PHASE OF TERBIUM PERGAMON PRESS LTD. PERGAMON PRESS INC</p>	#	000000301824
<p>IVANOV, A. A. //PHYSIC.-FIZIKA METALLOV I METALLOVEDENIE// 00/00/1977,V0043,N0005, PP 0919-0923 MAGNETIZATION DISTRIBUTION FUNCTION IN RIGID BOUNDARY MODEL PERGAMON PRESS</p>	#	000000138022
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<p>ARKHAROV, V. I. //PHYSIC.-FIZIKA METALLOV I METALLOVEDENIYA AKADEMIYA NAUK SSSR URAL'SKII FILIAL// 00/00/1955,V0001,N----, PP 0517-0522 X-RAY STUDY OF REACTION DIFFUSION IN THE SYSTEM Zn-Cu</p>	#	000000106706

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<p>UNKNOWN //PHYSIC.-FIZIKA MEZOSFERI I MEZOSFERNYKH OBLAKOV METEOROLOGICHESKIYE ISSLEDOVANIYA// 00/00/1975,V----,N0022, PP 0001-0152 PHYSICS OF THE MESOSPHERE AND MESOSPHERIC CLOUDS. METEOROLOGICAL STUDIES 209 PP NASA TT F 16611</p>	000000011017
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<p>ELYASHEVICH, G. K. //PHYSIC.-FIZIKA TVERDOGO TELA// 00/00/1974,V0016,N----, PP 2075-2077 EQUILIBRIUM DEGREE OF CRYSTALLINITY AND MELTING POINT OF SOLIDS NTC 77-10455-20L</p>	#	000000098522
<p>UNKNOWN //PHYSIC.-FIZIKA TVERDOGO TELA// 00/00/1974,V0016,N0001, PP 0001-0320 SOLID STATE PHYSICS 3-311 PP AVAIL LY SERIALS AIP COVER TO COVER</p>	#	000000044886
<p>UNKNOWN //PHYSIC.-FIZIKA TVERDOGO TELA// 00/00/1974,V0016,N0002, PP 0321-0640 SOLID STATE PHYSI *CS 213-419 PP AVAIL LY SERIALS AIP COVER TO COVER</p>	#	000000044887
<p>UNKNOWN //PHYSIC.-FIZIKA TVERDOGO TELA// 00/00/1974,V0016,N0003, PP 0641-0976 SOLID STATE PHYSICS 421-628 PP AVAIL LY SERIALS AIP COVER TO COVER</p>	#	000000044876
<p>UNKNOWN //PHYSIC.-FIZIKA TVERDOGO TELA// 00/00/1974,V0016,N0004, PP 0977-1256 SOLID STATE PHYSICS 631-813 PP AVAIL LY SERIAL AIP COVER TO COVER</p>	#	000000044877
<p>UNKNOWN //PHYSIC.-FIZIKA TVERDOGO TELA// 00/00/1974,V0016,N0005, PP 1257-1592 SOLID STATE PHYSICS 815-1040 PP AVAIL LY SERIAL AIP COVER TO COVER</p>	#	000000044878
<p>UNKNOWN //PHYSIC.-FIZIKA TVERDOGO TELA// 00/00/1974,V0016,N0006, PP 1593-1832 SOLID STATE PHYSICS 1043-1194 PP AVAIL LY SERIAL AIP COVER TO COVER</p>	#	000000044879
<p>UNKNOWN //PHYSIC.-FIZIKA TVERDOGO TELA// 00/01/1975,V0017,N0001, PP 0001-0368 SOVIET PHYSICS - SOLID STATE PP 1-231 AVAILABLE LY SERIALS AMERICAN INSTITUTE OF PHYSICS COVER TO COVER</p>	#	000000045724
<p>UNKNOWN //PHYSIC.-FIZIKA TVERDOGO TELA// 00/02/1975,V0017,N0002, PP 369-648 SOVIET PHYSICS - SOLID STATE PP 233-419 AVAILABLE LY SERIALS AMERICAN INSTITUTE OF PHYSICS COVER TO COVER</p>	#	000000045725
<p>UNKNOWN</p>	#	000000045726

<p>//PHYSIC.-FIZIKA TVERDOGO TELA// 00/03/1975,V0017,N0003, PP 0649-0968 SOVIET PHYSICS - SOLID STATE PP 421-622 AVAILABLE LY SERIALS AMERICAN INSTITUTE OF PHYSICS COVER TO COVER #</p>	000000045727
<p>UNKNOWN //PHYSIC.-FIZIKA TVERDOGO TELA// 00/04/1975,V0017,N0004, PP 0969-1248 SOVIET PHYSICS - SOLID STATE PP 623-808 AVAILABLE LY SERIALS AMERICAN INSTITUTE OF PHYSICS COVER TO COVER #</p>	000000045728
<p>UNKNOWN //PHYSIC.-FIZIKA TVERDOGO TELA// 00/05/1975,V0017,N0005, PP 1249-1568 SOVIET PHYSICS - SOLID STATE PP 809-1025 AVAILABLE LY SERIALS AMERICAN INSTITUTE OF PHYSICS COVER TO COVER #</p>	000000300896
<p>UNKNOWN //PHYSIC.-FIZIKA TVERDOGO TELA// 00/05/1975,V0017,N0005, PP 1249-1568 SOVIET PHYSICS - SOLID STATE PP 809-1025 PP AVAIL LY SERIALS AMERICAN INSTITUTE OF PHYSICS COVER TO COVER #</p>	000000045729
<p>UNKNOWN //PHYSIC.-FIZIKA TVERDOGO TELA// 00/06/1975,V0017,N0006, PP 1569-1888 SOVIET PHYSICS - SOLID STATE PP 1027-1239 AVAILABLE LY SERIALS AMERICAN INSTITUTE OF PHYSICS COVER TO COVER #</p>	000000300897
<p>UNKNOWN //PHYSIC.-FIZIKA TVERDOGO TELA// 00/06/1975,V0017,N0006, PP 1569-1888 SOVIET PHYSICS - SOLID STATE 1027-1239 PP AVAIL LY SERIALS AMERICAN INSTITUTE OF PHYSICS COVER TO COVER #</p>	000000045730
<p>UNKNOWN //PHYSIC.-FIZIKA TVERDOGO TELA// 00/07/1975,V0017,N0007, PP 1889-2208 SOVIET PHYSICS - SOLID STATE PP 1241-1460 AVAILABLE LY SERIALS AMERICAN INSTITUTE OF PHYSICS COVER TO COVER #</p>	000000300898
<p>UNKNOWN //PHYSIC.-FIZIKA TVERDOGO TELA// 00/07/1975,V0017,N0007, PP 1889-2208 SOVIET PHYSICS - SOLID STATE 1241-1460 PP AVAIL LY SERIALS AMERICAN INSTITUTE OF PHYSICS COVER TO COVER #</p>	000000045731
<p>UNKNOWN //PHYSIC.-FIZIKA TVERDOGO TELA// 00/08/1975,V0017,N0008, PP 2209-2528 SOVIET PHYSICS - SOLID STATE PP 1463-1685 AVAILABLE LY SERIALS AMERICAN INSTITUTE OF PHYSICS COVER TO COVER #</p>	000000300899
<p>UNKNOWN //PHYSIC.-FIZIKA TVERDOGO TELA//</p>	

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UNKNOWN //PHYSIC.-FIZIKA TVERDOGO TELA// 00/09/1975,V0017,N0009, PP 2529-2842 SOVIET PHYSICS - SOLID STATE 1687-1902 PP AVAIL LY SERIAL AMERICAN INSTITUTE OF PHYSICS COVER TO COVER #	000000203116
UNKNOWN //PHYSIC.-FIZIKA TVERDOGO TELA// 00/10/1975,V0017,N0010, PP 2849-3136 SOVIET PHYSICS - SOLID STATE 1905-2073 PP AVAIL LY SERIAL AMERICAN INSTITUTE OF PHYSICS COVER TO COVER #	00000054714
UNKNOWN //PHYSIC.-FIZIKA TVERDOGO TELA// 00/12/1975,V0017,N0012, PP 3473-3820 SOLID STATE PHYSICS PP 2271-2450 AIP #	000000203117
UNKNOWN //PHYSIC.-FIZIKA TVERDOGO TELA// 00/12/1975,V0017,N0012, PP 3473-3820 SOVIET PHYSICS - SOLID STATE 2271-2450 PP AVAIL LY SERIALS AMERICAN INSTITUTE OF PHYSICS COVER TO COVER #	000000141125
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UNKNOWN //PHYSIC.-FIZIKA TVERDOGO TELA// 00/02/1976,V0018,N0002, PP 0321-0640 SOVIET PHYSIC SOLID STATE PP 0189-0348 AIP #	000000157253
UNKNOWN //PHYSIC.-FIZIKA TVERDOGO TELA// 00/03/1976,V0018,N0003, PP 0641-0920 SOVIET PHYSICS SOLID STATE 371-527 AIP COVER TO COVER #	000000056688
UNKNOWN //PHYSIC.-FIZIKA TVERDOGO TELA// 00/04/1976,V0018,N0004, PP 0921-1198 SOVIET PHYSICS SOLID STATE 529-693 AVAIL LY SERIALS AMERICAN INSTITUTE OF PHYSICS #	000000093834
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UNKNOWN //PHYSIC.-FIZIKA TVERDOGO TELA// 00/06/1976,V0018,N0006, PP 1497-1800 SOVIET PHYSICS-SOLID STATE 871-1048 PP AVAIL LY SERIALS AMERICAN INSTITUTE OF PHYSICS COVER TO COVER #	000000062555
UNKNOWN //PHYSIC.-FIZIKA TVERDOGO TELA// 00/07/1976,V0018,N0007, PP 1801-2144 SOVIET PHYSICS - SOLID STATE 1049-1249 AVAIL LY SERIALS AMERICAN INSTITUTE OF PHYSICS COVER TO COVER #	000000078572
UNKNOWN //PHYSIC.-FIZIKA TVERDOGO TELA// 00/12/1976,V0018,N0009, PP 3561-3840 SOVIET PHYSICS 2075-2211 AMERICAN INSTITUTE OF PHYSICS #	000000077464
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AAVKS00, A. YU. //PHYSIC.-FIZIKA TVERDOGO TELA// 00/00/1977,V0019,N0003, PP 0826-0829 HOT LUMINESCENCE OF SODIUM NITRITE AMERICAN INSTITUTE OF PHYSICS	#	000000288776
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<p>//PHYSIC.-FIZIKA TVERDOGO TELA// 00/00/1977,V0019,N0003, PP 0849-0850 ELECTRON PATHS OF MEAN ENERGY RELATIVE TO EXCITON OF SPACE PLASMON IN MAGNESIUM AMERICAN INSTITUTE OF PHYSICS #</p>	000000131739
<p>NIKITIN, S. A. //PHYSIC.-FIZIKA TVERDOGO TELA// 00/00/1977,V0019,N0003, PP 0855-0857 EXCHANGE ORIGIN OF HELICAL ANTIFERROMAGNETISM- FERROMAGNETISM TRANSITION IN RARE-EARTH ALLOYS AMERICAN INSTITUTE OF PHYSICS #</p>	000000131740
<p>VOROZHEIKINA, L. F. //PHYSIC.-FIZIKA TVERDOGO TELA// 00/00/1977,V0019,N0003, PP 0863-0864 RECORD AND NONDESTRUCTIVE READING OF HOLOGRAMMES IN SODIUM CHLORIDE IRRADIATED CRYSTALS AMERICAN INSTITUTE OF PHYSICS #</p>	000000206706
<p>KORSUNSKIY, M. I. //PHYSIC.-FIZIKA TVERDOGO TELA// 00/00/1977,V0019,N0003, PP 0867-0869 DEBYE-WALLER FACTOR AND X-RAY CHARACTERISTIC TEMPERATURE OF METALS OF Y-PB ROW AMERICAN INSTITUTE OF PHYSICS #</p>	000000247257
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<p>GANAPOLSKIY, YE. M. //PHYSIC.-FIZIKA TVERDOGO TELA// 00/00/1977,V0019,N0003, PP 0876-0877 LIFETIME OF LONGWAVE PHONONS IN LITHIUM NIOBATE AT LOW TEMPERATURES AMERICAN INSTITUTE OF PHYSICS #</p>	000000206707
<p>BARYSHEY, R. S. //PHYSIC.-FIZIKA TVERDOGO TELA// 00/00/1977,V0019,N0003, PP 0882-0884 EFFECT OF DISLOCATIONS ON DIFFUSION OF BORON AND PHOSPHORUS IN SILICON AMERICAN INSTITUTE OF PHYSICS #</p>	000000131721
<p>BAKULIN, YE. A. //PHYSIC.-FIZIKA TVERDOGO TELA// 00/00/1977,V0019,N0003, PP 0891-0892 PLASMON-ENERGY AND WORK FUNCTION OF METALS AMERICAN INSTITUTE OF PHYSICS #</p>	000000133823
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<p>GRUNIN, V. S. //PHYSIC.-FIZIKA TVERDOGO TELA// 00/00/1977,V0019,N0003, PP 0909-0910 EPR OF Mn^{2+} AND Mn^{4+} IONS IN ANATASE SINGLE</p>	

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<p>DOROZHKO, E. V. //PHYSIC.-FIZIKA TVERDOGO TELA// 00/00/1977,V0019,N0004, PP 0953-0957 OPTICAL ABSORPTION OF VANADIUM PENTOXIDE IN THE ENERGY REGION FROM 1.0 TO 5.5 EV AMERICAN INSTITUTE OF PHYSICS</p>	#	000000138005
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<p>BUISHVILI, L. L. //PHYSIC.-FIZIKA TVERDOGO TELA// 00/00/1977,V0019,N0004, PP 0986-0990 THEORY OF DYNAMICAL NUCLEAR POLARIZATION AT OPTICAL ORIENTATION OF CONDUCTIVE ELECTRONS IN SEMICONDUCTORS IN ARBITRARY MAGNETIC FIELDS AMERICAN INSTITUTE OF PHYSICS</p>	#	000000167857
<p>LETFULOV, B. M. //PHYSIC.-FIZIKA TVERDOGO TELA// 00/00/1977,V0019,N0004, PP 0991-1000 QUANTUM THEORY OF FERROMAGNETS WITH DOUBLE EXCHANGE AMERICAN INSTITUTE OF PHYSICS</p>	#	000000167858
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