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| EASILY DESTROYED SURFACE AND WITH PROTECTIVE COATINGS<br>BISI 20054  | # | 00000028348  |
| FURMANDY, V. B.<br>//STAL//<br>00/00/1981,V----,N0003, PP 0062-0063<br>DETERMINATION OF THE RATIONAL DEGREE OF REDUCTION IN FORMING STRIP TO A TUBE SEMIPRODUCT<br>BISI 20056      | # | 00000021958  |
| KHASIN, G. A.<br>//STAL//<br>00/00/1981,V----,N0003, PP 0079-0081<br>DEVELOPMENT OF THE PRODUCTION OF HIGH-PERFORMANCE HIGH-SPEED STEELS<br>BISI 20058                             | # | 000000217515 |
| IVANDY, L. I.<br>//STAL//<br>00/00/1981,V----,N0003, PP 0082-0083<br>PROCESSING DUCTILITY OF CASE-HARDENABLE R6M5-TYPE STEELS<br>BISI 20059  | # | 000000304854 |
| GODYNA, V. V.<br>//STAL//<br>00/00/1981,V----,N0004, PP 0048-0051<br>AUTOMATION OF THE BATCHING AND FEEDING OF THE CHARGE IN FERRO-ALLOY PRODUCTION<br>BISI 20207                  | # | 000000288785 |
| STAKHNO, V. I.<br>//STAL//<br>00/00/1981,V----,N0004, PP 0055-0056<br>AUTOMATION OF ACCELERATED COOLING OF ROLLED STOCK<br>BISI 20208  | # | 000000293938 |
| VORON'KO, V. G.<br>//STAL//<br>00/00/1981,V----,N0004, PP 0066-0067<br>AUTOMATION OF COLD-ROLLING TUBE MILLS<br>BISI 20211   | # | 000000303441 |
| ULAKHOVICH, V. A.<br>//STAL//<br>00/00/1981,V----,N0005, PP 0004-0006<br>BLAST-FURNACE TRIALS WITH LEAN MANGANESE ORE USED IN THE SINTERING MIX<br>BISI 20302                      | # | 000000303446 |
| ROZHAVSKIY, L.<br>//STAL//<br>00/00/1981,V----,N0005, PP 0010-0012<br>ANALYSIS OF PERIPHERAL NON-UNIFORMITY OF WORKING OF BLAST FURNACES OF LARGE VOLUME<br>BISI 20303             | # | 000000303449 |
| ELANSKIY, G. N.<br>//STAL//<br>00/00/1981,V----,N0005, PP 0013-0017<br>DEVELOPMENT OF THE CARBON OXIDATION REACTION IN HEARTH-TYPE STEEL-MAKING UNITS (A DISCUSSION)<br>BISI 20304 | # |              |

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| <p>DMITRIYEV, A. M.<br/> //STAL//<br/> 00/00/1981,V----,N0005, PP 0028-0030<br/> AUTOMATED SYSTEM FOR CALCULATION OF CHARGE ON<br/> THIRD-GENERATION ELECTRONIC COMPUTER<br/> BISI 20305 #</p>                         | 000000303438 |
| <p>KAPUSTIN, A. I.<br/> //STAL//<br/> 00/00/1981,V----,N0005, PP 0034<br/> WAYS OF IMPROVING THE QUALITY OF STEEL AT THE<br/> NIZHNIY TAGIL METALLURGICAL COMBINE<br/> BISI 20306 #</p>                                | 000000303452 |
| <p>ZAYITEYEV, V. S.<br/> //STAL//<br/> 00/00/1981,V----,N0005, PP 0046-0048<br/> THE REDUCTION OF LOSSES IN THE PRODUCTION OF<br/> MEASURED SHEETS ON A PLATE MILL<br/> BISI 20308 #</p>                               | 000000303441 |
| <p>GULYEV, G. I.<br/> //STAL//<br/> 00/00/1981,V----,N0005, PP 0052-0053<br/> DEVELOPMENT OF THE PRODUCTION OF SEAMLESS<br/> HOT-ROLLED TUBES WITH DIAMETERS GREATER THAN 150<br/> BISI 20309 #</p>                    | 000000303443 |
| <p>SKUDIN, V. G.<br/> //STAL//<br/> 00/00/1981,V----,N0005, PP 0085-0087<br/> HOMOGENIZATION OF BEARING STEEL IN PRODUCTS OF<br/> NATURAL-GAS PYROLYSIS<br/> BISI 20313 #</p>  | 000000308587 |
| <p>VOLKOV, V. V.<br/> //STAL//<br/> 00/00/1981,V----,N0006, PP 0013-0015<br/> STATE AND WAYS OF IMPROVING SEPARATION OF SMELTING<br/> PRODUCTS DURING TAPPING FROM BLAST FURNACE<br/> BISI 20382 #</p>                 | 000000312463 |
| <p>SHEFER, B. I.<br/> //STAL//<br/> 00/00/1981,V----,N0006, PP 0015-0016<br/> MAKING BLAST FURNACE COOLERS AND TUYERES MORE<br/> DURABLE<br/> BISI 20383 #</p>   | 000000312462 |
| <p>GOLOYANDY, V. A.<br/> //STAL//<br/> 00/00/1981,V----,N0006, PP 0020-0024<br/> VARIATION IN THE HYDROGEN CONTENT DURING THE<br/> PRODUCTION CYCLE OF CONTINUOUSLY CAST REINFORCING<br/> STEELS<br/> BISI 20384 #</p> | 000000312457 |
| <p>RYBAKOV, V. S.<br/> //STAL//<br/> 00/00/1981,V----,N0006, PP 0029-0031<br/> MEASURING THE OXIDIZING POTENTIAL OF WASTE<br/> GASES IN A VACUUM LIFT DEGASSING UNIT<br/> BISI 20385 #</p>                             | 000000307697 |

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| <p>ZHADAN, V. Y.<br/> //STAL//<br/> 00/00/1981,V----,N0006, PP 0044-0045<br/> USE OF MATHEMATICAL MODEL OF SECTION ROLLING<br/> WITH HIGH-TEMPERATURE THERMOMECHANICAL TREATMENT<br/> FOR CALCULATING PROCESS PARAMETERS<br/> BISI 20390</p> | 000000305942 |
| <p>BARANDY, A. A.<br/> //STAL//<br/> 00/00/1981,V----,N0006, PP 0061-0063<br/> EFFECT OF STRUCTURE AND PROPERTIES ON TENDENCY<br/> OF WIRE ROD AND WIRE TO BREAK DURING DRAWING<br/> BISI 20392</p>  | 000000312455 |
| <p>MOSHKEVICH, E. I.<br/> //STAL//<br/> 00/00/1981,V----,N0006, PP 0069-0070<br/> SOME PROBLEMS IN THE PRODUCTION OF CORROSION<br/> AND OXIDATION RESISTANT STEELS<br/> BISI 20393</p>   | 000000308586 |
| <p>KHORUZHIIY, A. S.<br/> //STAL//<br/> 00/00/1981,V----,N0006, PP 0080-0083<br/> INVESTIGATION OF NUMBERS OF PERSONNEL<br/> PARTICIPATING IN MOVEMENTS OF MATERIALS AND RAW<br/> MATERIAL AT IRON AND STEEL WORK<br/> BISI 20394</p>        | 000000305939 |
| <p>PARSLUKIN, B. N.<br/> //STAL//<br/> 00/00/1981,V----,N0006, PP 0087-0089<br/> AUTOMATIC CONTROL OF HEATING PROCEDURE ON<br/> BATCH-TYPE REHEATING FURNACES<br/> BISI 20395</p>  | 000000305941 |
| <p>KOLGANOV, G. S.<br/> //STAL//<br/> 00/00/1981,V----,N0007, PP 0027-0028<br/> INVESTIGATION OF THE PROCESS OF DEPHOSPHORIZATION<br/> OF STAINLESS STEEL IN A CONVERTER BOTTOM BLOWN<br/> WITH OXY-GAS MIXTURES<br/> BISI 20490</p>         | 000000307696 |
| <p>KHASIN, G. A.<br/> //STAL//<br/> 00/00/1981,V----,N0007, PP 0062-0065<br/> NEW METALLURGICAL METHODS OF IMPROVING<br/> THE CORROSION-RESISTANCE OF STEELS AND ALLOYS<br/> BISI 20495</p>  | 000000307712 |
| <p>SOROKIN, A. N.<br/> //STAL//<br/> 00/00/1981,V----,N0007, PP 0069-0070<br/> INFLUENCE OF TITANIUM ON THE MECHANICAL PROPERTIES<br/> OF PEARLITE REDUCED O9G2FB STEEL<br/> BISI 20496</p>  | 000000307711 |
| <p>AKIMENKO, V. B.<br/> //STAL//<br/> 00/00/1981,V----,N0007, PP 0070-0072<br/> PRODUCTION OF HIGH-GRADE IRON POWDER<br/> BISI 20497</p>   | 000000307708 |

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| <p>KHYOSHCHINSKIY, A. V.<br/> //STAL//<br/> 00/00/1981, V----, N0008, PP 0042-0043<br/> INDIVIDUAL DESIGNS FOR ELECTRIC FURNACE<br/> STEELMELTING SHOPS<br/> BISI 20459</p>  | 000000307706 |
| <p>KRUPHAN, YU. G.<br/> //STAL//<br/> 00/00/1981, V----, N0008, PP 0055-0057<br/> DEVELOPMENT OF THE PRODUCTION OF HOT-ROLLED<br/> SEAMLESS PIPES WITH DIAMETERS ABOVE 150 MM<br/> BISI 20462</p>                      | 000000305956 |
| <p>KHASIN, G. A.<br/> //STAL//<br/> 00/00/1981, V0003, N----, PP 0079-0081<br/> DEVELOPMENT OF THE PRODUCTION OF HIGH-PERFORMANCE<br/> HIGH-SPEED STEELS<br/> BISI 20058</p>   | 000000278547 |
| <p>KHASIN, G. A.<br/> //STAL//<br/> 00/00/1981, V0003, N----, PP 0079-0081<br/> DEVELOPMENT OF THE PRODUCTION OF HIGH-PERFORMANCE<br/> HIGH-SPEED STEELS<br/> BISI 20058</p>   | 000000283401 |
| <p>VORONTSOV, N. M.<br/> //STAL//<br/> 00/00/1981, V0005, N----, PP 0044-0046<br/> MASTERING THE PRODUCTION OF NEW HOT-ROLLED<br/> SECTIONS<br/> BISI 20307</p>  | 000000308584 |
| <p>GULYAYEV, G. I.<br/> //STAL//<br/> 00/00/1981, V0005, N----, PP 0063-0066<br/> CURRENT STATUS OF PRODUCTION OF CORROSION<br/> RESISTANT AND COATED PIPES<br/> BISI 20311</p>  | 000000308590 |
| <p>KHLOPONIN, V. N.<br/> //STAL//<br/> 00/00/1981, V0006, N----, PP 0039-0042<br/> INVESTIGATION AND IMPROVEMENT OF THERMAL OPERATING<br/> CONDITIONS FOR WORK ROLLS IN A HOT WIDE STRIP<br/> MILL<br/> BISI 20388</p> | 000000308582 |
| <p>VINOGRADOV, A. G.<br/> //STAL//<br/> 00/00/1981, V0006, N----, PP 0056-0057<br/> METHOD OF CONSTRUCTING AND CALCULATING THE ROLL<br/> PASS DESIGN OF KHPT MILLS<br/> BISI 20391</p>                                 | 000000308592 |
| <p>KHOMSKIY, G. S.<br/> //STAL//<br/> 00/11/1981, V----, N0011, PP 0006-0008<br/> IMPROVING IRON AND STEEL SCRAP PROCESSING 6 PP<br/> 010<br/> JPRS L/10475</p>  | 000000312740 |

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| <p>SALAMAYOV, L. G.<br/> //STAL'//<br/> MAKING BLAST-FURNACE PRACTICE MORE EFFECTIVE<br/> BISI 17346</p>  | 00000022386*  |
| <p>KUGUSHIN, A. A.<br/> //STAL'//<br/> 00/00/0000,V----,N0003, PP 0268-0272<br/> PRODUCTION PLANNING IN THE SYSTEM STEEL-ROLLED<br/> PRODUCT<br/> BISI 17397</p>  | 000000162525  |
| <p>AGEYEV, N. Y.<br/> //STAL'//<br/> 00/00/1957,V0017,N0003, PP 0012-0013<br/> NIKOLAY TIMOFEYEVICH GUDTSOV: OBITUARY ARTICLE<br/> 4 PP<br/> OLD COPYRIGHT INFO REFER OTHERS TO FSTC<br/> ARM/FSTC-HT-1255-78</p>               | 000000*88662  |
| <p>SHATAGIN, O. A.<br/> //STAL'//<br/> 00/00/1972,V-----,N0012, PP 1083-1086<br/> USE OF COPPER-CERAMIC MOULDS IN THE<br/> HORIZONTAL CONTINUOUS CASTING MACHINE<br/> BISI 11331</p>  | 000000089639  |
| <p>ANTONOV, V. M.<br/> //STAL'//<br/> 00/00/1972,V----,N0008, PP 0681-0688<br/> METALLURGICAL ASSESSMENT OF KACHKANAR PELLETS AND<br/> THE ADOPTION OF A TECHNOLOGY FOR THEIR USE IN THE<br/> BLAST FURNACE<br/> BISI 10878</p> | 0000000089**  |
| <p>ZHUCHIN, V. N.<br/> //STAL'//<br/> 00/00/1972,V----,N0008, PP 0709-0910<br/> THE EFFECT OF TEEMING ON THE MACRO-STRUCTURE<br/> OFA PLANE CONTINUOUSLY CAST BILLET<br/> BISI 10880</p>  | 000000089638  |
| <p>ANDREYUK, L. V.<br/> //STAL'//<br/> 00/00/1972,V----,N0009, PP 0825-0828<br/> ANALYTICAL DEPENDENCE OF RESISTANCE TO METAL<br/> DEFORMATION ON THE TEMPERATURE, RATE AND<br/> DEGREE OF DEFORMATION<br/> BISI 10961</p>      | 000000**0942* |
| <p>ALEKSEYENKO, M. F.<br/> //STAL'//<br/> 00/00/1972,V----,N0010, PP 0949-0950<br/> GRADE 9G28YU9MYB STEEL SHEET WITH A REDUCED<br/> SPECIFIC GRAVITY<br/> BISI 11089</p>   | 000000008898  |
| <p>ANDREYUK, L. V.<br/> //STAL'//<br/> 00/00/1972,V----,N0011, PP 1015-1016<br/> THE DEFORMATION RESISTANCE AND PLASTIC PROPER<br/> TIES OF STEEL DURING THERMOMECHANICAL TREATMENT<br/> BISI 11204</p>                         | 000000**094*  |

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| <p>BASKAKOV, A. P.<br/> //STAL'//<br/> 00/00/1972,V----,N0012, PP 1134-1135<br/> A FURNACE FOR THE FLUIDIZED BED TEMPERING OF STEEL<br/> WIRE, THE BED HEATED BY IMMERSED BURNERS<br/> BISI 11336 #</p>                 | 000000029316 |
| <p>BABICH, A. P.<br/> //STAL'//<br/> 00/00/1973,V----,N----, PP 0063-0066<br/> PROPERTIES OF CHROMIUM-SILICON STEEL RAILS AFTER<br/> MOLTEN SALT BATH-HARDENING<br/> BISI 11413 #</p>                                   | 000000014410 |
| <p>ADASKIN, A. M.<br/> //STAL'//<br/> 00/00/1973,V----,N0001, PP 0069-0072<br/> WAYS OF IMPROVING THE PROPERTIES OF TUNGSTEN-<br/> MOLYBDENUM HIGH SPEED STEEL<br/> BISI 11412 #</p>                                    | 000000011118 |
| <p>ANTONOV, S. P.<br/> //STAL'//<br/> 00/00/1973,V----,N0002, PP 0136-0140<br/> CALCULATION OF THE CONTOURING OF PLATE MILL ROLLS<br/> BY MEANS OF A DIGITAL COMPUTER<br/> BISI 11464 #</p>                             | 000000008911 |
| <p>BASHLII, F. I.<br/> //STAL'//<br/> 00/00/1973,V----,N0003, PP 0220-0222<br/> THE NATURE OF BUBBLING OF STEELMAKING BATHS<br/> BISI 11527 #</p>   | 000000182267 |
| <p>AFANAS'EV, YU. YA.<br/> //STAL'//<br/> 00/00/1973,V----,N0006, PP 0498-0499<br/> OPTIMUM OPERATING CYCLE OF A BLOCK OF BLAST-<br/> FURNACE HOT-BLAST STOVES OF DIFFERENT HEATING<br/> CAPACITY<br/> BISI 11793 #</p> | 000000011209 |
| <p>GOLIKOV, I. N.<br/> //STAL'//<br/> 00/00/1973,V----,N0007, PP 0590-0616<br/> NON-METALLIC INCLUSIONS IN STEEL (A DISCUSSION)<br/> BISI 12779 #</p>   | 000000032090 |
| <p>ARTYUNOV, S. I.<br/> //STAL'//<br/> 00/00/1973,V----,N0007, PP 0666-0672<br/> FUTURE ELECTRICAL ENGINEERING FOR FERROUS<br/> METALLURGY OUTLINED IN PP<br/> JPRS 60127 #</p>   | 000000014911 |
| <p>BARDADYM, A. G.<br/> //STAL'//<br/> 00/00/1973,V----,N0009, PP 0788-0790<br/> SYSTEM FOR CONTROLLING BLAST HUMIDITY WITH THE<br/> AID OF A HIGHLY ACCURATE HYGROMETER<br/> BISI 12014 #</p>                          | 000000032111 |
| <p>ARKULIS, G. E.<br/> //STAL'//</p>  | 000000010919 |

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| 00/00/1973, V----, N0010, PP 0957-0959<br>DETERMINATION OF THE STRESS IN THE DEFORMATION<br>ZONE DURING DEEP DRAWING<br>BISI 12105  | # | 000000001090 |
| ANTSIS, I. KH.<br>//STAL'//<br>00/00/1974, V----, N----, PP 0845-0847<br>INFLUENCE OF FLUIDIZED BED HEAT TREATMENT<br>ON THE PROPERTIES OF SPRINGS<br>*BISI 12880   | # | 000000048970 |
| FOGORZHEL'SKIY, V. I.<br>//STAL'//<br>00/00/1974, V----, N0001, PP 0055-0057<br>IMPROVEMENT IN THE ROLL PASS DESIGNS AND<br>DRAUGHTING PROCEDURES FOR THE ROLLING OF<br>SMALL H-BEAMS AND FISHPLATE STRIP FOR RAILS<br>BISI 12272 | # | 000000003501 |
| NEPOMNASHCHII, A. G.<br>//STAL'//<br>00/00/1974, V----, N0004, PP 0312-0317<br>THE PRODUCTION AND USE OF HEAVY ALUMINIUM-<br>CONTAINING PIG IRON MOULDS 5 PP<br>BISI 12513  | # | 000000005741 |
| TRISHEVSKIY, I. S.<br>//STAL'//<br>00/00/1974, V----, N0007, PP 0623-0626<br>NEW TECHNOLOGY FOR THE PRODUCTION OF CURVED SECTION<br>WITH PARTS OF INCREASED RIGIDITY<br>BISI 12720  | # | 000000005742 |
| TAITS, N. YU.<br>//STAL'//<br>00/00/1974, V----, N0007, PP 0653-0655<br>RESEARCH INTO THE HEATING OF SLABS IN CONTINUOUS<br>FURNACES<br>BISI 12721  | # | 000000003499 |
| ANISFOROV, V. P.<br>//STAL'//<br>00/00/1974, V----, N0008, PP 0728-0730<br>THINNING THE ENDS OF TUBES ON THE CONTINUOUS<br>MILL 4 PP<br>BISI 12786  | # | 000000006661 |
| GINZBURG, B. I.<br>//STAL'//<br>00/00/1974, V----, N0009, PP 0790-0793<br>TRANSIENT PROCESSES IN BLAST TUYERES AND THEIR<br>RELATION WITH THE WORKING OF THE BLAST<br>FURNACE HEARTH<br>*BISI 12872                               | # | 000000006670 |
| KATSMELSON, YA. E.<br>//STAL'//<br>00/00/1974, V----, N0009, PP 0810-0811<br>OPTIMUM POURING TEMPERATURE FOR VACUUM TREATED<br>STEEL<br>*BISI 12875   | # | 000000021271 |
| BORISOV, YU. A.   |   |              |

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| //STAL'//<br>00/00/1974,V----,N0009, PP 0825-0826<br>IMPROVEMENT IN THE TECHNIQUE OF ARMCO IRON<br>ROLLING<br>BISI 12877  | # | 00000001088  |
| FEDOSOV, N. M.<br>//STAL'//<br>00/00/1974,V----,N0009, PP 0833-0834<br>EFFECT OF THE AMOUNT OF DEFORMATION ON THE<br>MICO-ROUGHNESS OF ELECTRIC-WELDED COLD-DEFORMED<br>CARBON TUBES<br>BISI 12878      | # | 00000001089  |
| DRUZHININ, V. V.<br>//STAL'//<br>00/00/1974,V----,N0009, PP 0841-0843<br>STRUCTURAL CHANGES IN HOT-ROLLED TRANSFORMER<br>STEEL CONTAINING UP TO 0.12 PERCENT ALUMINIUM<br>#BISI 12879                   | # | 00000001091  |
| ZGURA, A. A.<br>//STAL'//<br>00/00/1974,V----,N0009, PP 0858-0860<br>RESEARCH INTO THE CONDITIONS IN BATHS FOR THE<br>HOT GALVANIZING OF TUBES<br>#BISI 12881   | # | 00000001092  |
| GUR'EV, A. V.<br>//STAL'//<br>00/00/1974,V----,N0009, PP 0862-0863<br>SMALL COMPONENT PRODUCTION<br>#BISI 12882   | # | 000000024576 |
| BUKSHTEIN, M. A.<br>//STAL'//<br>00/00/1974,V----,N0009, PP 0863-0865<br>COMBINED LAY ROPE DESIGN STEEL CABLES<br>BISI 12883  | # | 00000001082  |
| POCHTMAN, P. A.<br>//STAL'//<br>00/00/1974,V----,N0009, PP 0866-0867<br>USE OF AIR-CLEANING FACILITIES UNDER<br>CONDITIONS OF A GREATER OXYGEN ENRICHMENT OF<br>THE BLAST<br>#BISI 12884                | # | 000000024577 |
| LONGINOV, M. F.<br>//STAL'//<br>00/00/1974,V----,N0011, PP 0996-0997<br>LEAD INCLUSIONS IN INGOTS OF STEELS<br>AS35G2 AND AS45G2<br>BISI 13053  | # | 000000124443 |
| TULIN, N. A.<br>//STAL'//<br>00/00/1974,V----,N0012, PP 1096-1098<br>DEVELOPMENT OF ELECTRIC STEEL PRODUCTION IN<br>THE USSR<br>OLD COPYRIGHT MATERIAL OTHERS REFER TO FSTC<br>ARM FSTC A5118401-004-77 | # | 000000051136 |
| KHLEBNIKOV, V. B.   |   |              |



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| <p>//STAL'//<br/>                     00/00/1974,V----,N0012, PP 1128-1131<br/>                     SOCIALIST ECONOMIC INTEGRATION AND FERROUS<br/>                     METALLURGY IN MEMBER COUNTRIES OF THE<br/>                     COUNCIL OF ECONOMIC ASSISTANCE (CEA)<br/>                     NTC 75-13578-05A</p>  | • | 000000003502 |
| <p>KALMYKOV, V. V.<br/>                     //STAL'//<br/>                     00/00/1974,V---,N0008, PP 0735-0737<br/>                     INVESTIGATION OF STRENGTH AND LOW TEMPERATURE<br/>                     BRITTLENESS IN HARDENED AND TEMPERED REINFORCING<br/>                     SECTIONS FOR PRE-STRESSED CONCRETE 3 PP<br/>                     BISI 12787</p> | • | 000000020899 |
| <p>GLADKOV, G. A.<br/>                     //STAL'//<br/>                     00/00/1974,V0003,N----, PP 0239-0242<br/>                     DESCALING OF HOT FORMED ROUND STEEL<br/>                     FSTC-HT-23-0574-75</p>  | • | 000000041161 |
| <p>GLADKOV, G. A.<br/>                     //STAL'//<br/>                     00/00/1974,V0003,N----, PP 0239-0242<br/>                     DESCALING OF HOT FORMED ROUND STEEL<br/>                     FSTC-HT-23-574-75</p>   | • | 000000009233 |
| <p>KUZNETSOV, N. G.<br/>                     //STAL'//<br/>                     00/00/1974,V0006,N----, PP 0525<br/>                     CONTINUOUSLY OPERATING MACHINE FOR CLEANING<br/>                     PRECIPITATE FROM ROLLING SHOP HORIZONTAL<br/>                     SETTLING TANKS<br/>                     BISI 12656</p>                                       | • | 000000028301 |
| <p>KONOVALOV, R. P.<br/>                     //STAL'//<br/>                     00/00/1974,V0008,N----, PP 0695-0699<br/>                     PROCESS DURING THE CASTING AND CRYSTALLIZATION<br/>                     OF LARGE SLAB INGOTS OF BASIC OXYGEN FURNACE<br/>                     RIMMING STEEL<br/>                     BISI 12784</p>                            | • | 000000112940 |
| <p>ANDON'YEV, M.<br/>                     //STAL'//<br/>                     00/02/1974,V----,N0002, PP 0097-0099<br/>                     AIR, WATER PURIFICATION METHODS FOR STEEL INDUS-<br/>                     TRY, 6 PP<br/>                     JPRS 62033</p>   | • | 000000002169 |
| <p>KHLEBNIKOV, V. B.<br/>                     //STAL'//<br/>                     00/12/1974,V----,N0012, PP 1128-1131<br/>                     CEMA COUNTRIES' COOPERATION IN FERROUS METALLURGY<br/>                     DISCUSSED 8 PP<br/>                     JPRS 63954</p>   | • | 000000054803 |
| <p>AKSYUCHITS, N. N.<br/>                     //STAL'//<br/>                     00/00/1975,V----,N----, PP 0107<br/>                     ALSO PP 957-959<br/>                     DESIGN OF A SWIVELLING ROOF BURNER AND ITS EFFECT<br/>                     ON OPEN HEARTH FURNACE PERFORMANCE<br/>                     BISI 14098</p>                                     | • |              |

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| <p>KASAREYS, I. P.<br/> //STAL'//<br/> 00/00/1975,V----,N0001, PP 0001-0005<br/> PROBLEMS OF METALLURGISTS ON INCREASING EFFI-<br/> CIENCY IN THE USE OF FERROUS METALS 18 PP<br/> GUD COPYRIGHT INFO REFER OTHERS TO FSTC<br/> ARM/FSTC/AST 18401-080-76</p> | 0000000*23*  |
| <p>GRABARNIK, Y. M.<br/> //STAL'//<br/> 00/00/1975,V----,N0001, PP 0062-0063<br/> PASS DESIGN WITH OPTIMUM RAT 10 OF LENGTHS OF<br/> WORKING AND SIZING PARTS OF KHPT MILLS<br/> BISI 13223</p>   | 00000002*290 |
| <p>GULYAYEV, G. I.<br/> //STAL'//<br/> 00/00/1975,V----,N0001, PP 0064-0065<br/> EXTRUSION OF TUBE STEELS AND SECTIONS<br/> NTC 75-12676-13H</p>  | 000000048960 |
| <p>YUSHCHENKO, K. A.<br/> //STAL'//<br/> 00/00/1975,V----,N0001, PP 0073-0075<br/> WELDING OF STAINLESS STEELS FOR ROLLING<br/> (COIL BUILD-UP)<br/> BISI 13224</p>   | 00000002*28* |
| <p>GIMAZETDINOV, R. F.<br/> //STAL'//<br/> 00/00/1975,V----,N0001, PP 0078-0080<br/> PREFORMING THE SPECIAL SECTION WIRES FOR LOCKED<br/> COIL CABLES<br/> BISI 13225</p>   | 00000002*306 |
| <p>NECHAEV, YE. A.<br/> //STAL'//<br/> 00/00/1975,V----,N0002, PP 0119-0120<br/> THE ACCURACY OF CONTINUOUS MOLTEN STEEL<br/> TEMPERATURE CONTROL<br/> BISI 13325</p>   | 00000002*280 |
| <p>IGNATENKO, A. P.<br/> //STAL'//<br/> 00/00/1975,V----,N0002, PP 0144-0145<br/> PRODUCTION OF CURVED SECTIONS WITH A<br/> LONGITUDINAL PERIODIC CORRUGATION<br/> BISI 13330</p>   | 00000002*299 |
| <p>BULAT, S. I.<br/> //STAL'//<br/> 00/00/1975,V----,N0002, PP 0164-0168<br/> DUCTILITY OF LOW-CARBON STAINLESS STEELS<br/> *BISI 13335</p>   | 000000033*8F |
| <p>NITIKIN, V. N.<br/> //STAL'//<br/> 00/00/1975,V----,N0002, PP 0168-0170<br/> MECHANICAL PROPERTIES OF LOW-ALLOY STEELS<br/> CONTAINING OF MANGANESE<br/> *BISI 13336</p>   | 000000033*86 |
| <p>OSIPOV, V. G.<br/> //STAL'//</p>   | 00000004*482 |

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| 00/00/1975,V----,N0004, PP 0310-0313<br>CONTINUOUS CASTING PRACTICE FOR THE PRODUCTION<br>OF 09G2 STEEL<br>BISI 13535   | • | 000000047489 |
| SHEVCHENKO, Z. A.<br>//STAL'//<br>00/00/1975,V----,N0004, PP 0316-0322<br>THE FORMATION OF LARGE NON-METALLIC INCLUSIONS<br>IN SHKH15 BALL-BEARING STEEL WHICH HAS BEEN AIR<br>MELTED<br>BISI 13527   | • | 000000052194 |
| SCHEVCHENKO, Z. A.<br>//STAL'//<br>00/00/1975,V----,N0004, PP 0316-0322<br>THE FORMATION OF LARGE NON-METALLIC INCLUSIONS<br>IN SHKH15 BALL-BEARING STEEL WHICH HAS BEEN<br>AIR MELTED<br>*BISI 13537 | • | 000000067911 |
| SCHEVCHENKO, Z. A.<br>//STAL'//<br>00/00/1975,V----,N0004, PP 0316-0322<br>THE FORMATION OF LARGE NON-METALLIC INCLUSIONS<br>IN SHKH15 BALL-BEARING STEEL WHICH HAS BEEN<br>AIR MELTED<br>*BISI 13537 | • | 000000067912 |
| KADERMETOV, KH. N.<br>//STAL'//<br>00/00/1975,V----,N0004, PP 0325-0329<br>FORMATION OF HIGH-CARBON FERROCHROME IN THE<br>REDUCTION OF LUMP CHROME ORES<br>*BISI 13538                                | • | 000000117628 |
| KONTSEVAYA, E. M.<br>//STAL'//<br>00/00/1975,V----,N0004, PP 0343-0345<br>STUDY OF THE HIGH TEMPERATURE DUCTILITY OF HEAT<br>RESISTANT ALLOYS 10 PP<br>BISITS 13540                                   | • | 000000047492 |
| ZIL'BERG, YU. V.<br>//STAL'//<br>00/00/1975,V----,N0004, PP 0347-0349<br>IMPROVEMENT IN THE OUTSIDE SURFACE QUALITY<br>OF SHELLS DURING ROLLING ON A CONTINUOUS MILL<br>BISI 13541                    | • | 000000052198 |
| ZILBERG, YU. V.<br>//STAL'//<br>00/00/1975,V----,N0004, PP 0347-0349<br>IMPROVEMENT ON THE OUTSIDE SURFACE QUALITY OF<br>SHELLS DURING ROLLING ON CONTINUOUS MILL<br>*BISI 13541                      | • | 000000067915 |
| ZILBERG, YU. V.<br>//STAL'//<br>00/00/1975,V----,N0004, PP 0347-0349<br>IMPROVEMENT IN THE OUTSIDE SURFACE QUALITY OF<br>SHELLS DURING ROLLING ON CONTINUOUS MILL<br>*BISI 13541                      | • |              |

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| <p>SHORSKOROV, M. KH.<br/> //STAL'//<br/> 00/00/1975,V----,N0004, PP 0357-0361<br/> SUPER PLASTICITY AND ITS UTILIZATION IN THE<br/> PROCESSING OF METALS<br/> BISI 13542</p>   | # | 000000067916 |
| <p>URIYTSOV, YU. A.<br/> //STAL'//<br/> 00/00/1975,V----,N0004, PP 0371-0373<br/> NORMING THE MELTING LOSSES DURING THE PRODUCTION<br/> OF STEEL IN ELECTRIC FURNACE<br/> #BISI 13544</p>                             | # | 000000052201 |
| <p>URIYTSOV, YU. A.<br/> //STAL'//<br/> 00/00/1975,V----,N0004, PP 0371-0373<br/> NORMING THE MELTING LOSSES DURING THE PRODUCTION<br/> OF STEEL IN ELECTRIC FURNACE<br/> #BISI 13544</p>                             | # | 000000067918 |
| <p>BABARYKIN, N. N.<br/> //STAL'//<br/> 00/00/1975,V----,N0005, PP 0395-0401<br/> INDIRECT REDUCTION AND CARBON CONSUMPTION IN<br/> BLAST-FURNACE OPERATION<br/> BISI 13589</p>                                       | # | 000000047475 |
| <p>MINEKO, V. A.<br/> //STAL'//<br/> 00/00/1975,V----,N0005, PP 0464-0467<br/> EXPERIENCE OF ORDERING THE FLOW OF MATERIALS<br/> IN THE SECTION "STEEL-ROLLED STOCK"<br/> BISI 13599</p>                              | # | 000000047448 |
| <p>YUSFIN, YU. S.<br/> //STAL'//<br/> 00/00/1975,V----,N0006, PP 0485-0490<br/> INVESTIGATION OF THE STRENGTHENING AND<br/> METALLURGICAL PROPERTIES OF PELLETS MADE<br/> FROM LEBEDL CONCENTRATE<br/> BISI 13685</p> | # | 000000047484 |
| <p>BLINOV, K. A.<br/> //STAL'//<br/> 00/00/1975,V----,N0006, PP 0497-0499<br/> SONIC OSCILLATIONS USED FOR ACCELERATING<br/> MASS TRANSFER IN BOILING CONVERTER BATHS<br/> BISI 13686</p>                             | # | 000000047477 |
| <p>SLADKOVHEYEV, V. T.<br/> //STAL'//<br/> 00/00/1975,V----,N0006, PP 0502-0506<br/> THE EFFECT OF PRESSURE CASTING ON THE SOLIDIFICATION<br/> AND QUALITY OF INGOTS<br/> BISI 13687</p>                              | # | 000000047356 |
| <p>PUTIMTSEV, B. N.<br/> //STAL'//<br/> 00/00/1975,V----,N0006, PP 0509-0511<br/> PRODUCING AN ELECTROLYTIC CHARGE IRON AND<br/> ITS APPLICATION IN THE METALLURGY OF PRECISION<br/> ALLOYS<br/> BISI 13688</p>       | # | 000000047355 |

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| <p>ANZIN, G. N.<br/> //STAL'//<br/> 00/00/1975, V----, N0006, PP 0522-0524<br/> PRODUCTION OF ROLLED SEMIPRODUCTS FROM SLABS<br/> OF TYPE V2F TOOL STEEL<br/> BISI 13689</p>  | • | 000000047490 |
| <p>ANZIN, G. N.<br/> //STAL'//<br/> 00/00/1975, V----, N0006, PP 0522-0524<br/> PRODUCTION OF ROLLED SEMIPRODUCTS FROM SLABS<br/> OF TYPE V2F TOOL STEEL<br/> BISI 13689</p>  | • | 000000047531 |
| <p>SOKOLOV, G. A.<br/> //STAL'//<br/> 00/00/1975, V----, N0007, PP 0594-0597<br/> TREATMENT OF OPEN HEARTH STEEL WITH MOLTEN<br/> LIME-SILICATE SLAGS<br/> BISI 13827</p>   | • | 000000047411 |
| <p>BAUMENKO, S. P.<br/> //STAL'//<br/> 00/00/1975, V----, N0007, PP 0597-0601<br/> CONTROL OF INGOT SOLIDIFICATION<br/> BISI 13828</p>  | • | 000000047424 |
| <p>OSHCHEPKOV, B. V.<br/> //STAL'//<br/> 00/00/1975, V----, N0007, PP 0608-0610<br/> IMPROVING THE TECHNOLOGY OF MELTING NICHROMES<br/> BISI 13830</p>  | • | 000000062482 |
| <p>KURNUSHKO, O. V.<br/> //STAL'//<br/> 00/00/1975, V----, N0007, PP 0610-0613<br/> DEVELOPMENT OF A TECHNIQUE FOR THE PRODUCTION<br/> OF LOW-PHOSPHORUS CARBON FERRO-MANGANESE IN A<br/> 16.5 MVA CLOSED FURNACE<br/> BISI 13831</p> | • | 000000047440 |
| <p>MEDVEDEV, V. S.<br/> //STAL'//<br/> 00/00/1975, V----, N0007, PP 0624-0625<br/> PASS DESIGN OF SECTION OF RIM LOCK PART<br/> BISI 13834</p>  | • | 000000047434 |
| <p>KUCHERENKO, V. R.<br/> //STAL'//<br/> 00/00/1975, V----, N0007, PP 0632-0633<br/> METHODS OF PREVENTING OBLIQUE CRACKS ON<br/> COLD-ROLLED TUBES<br/> BISI 13835</p>   | • | 000000047421 |
| <p>ADASKIN, A. M.<br/> //STAL'//<br/> 00/00/1975, V----, N0007, PP 0649-0651<br/> CAUSES OF PROPERTY INSTABILITY IN R6M5 STEEL<br/> BISI 13836</p>  | • | 000000047455 |
| <p>ADASKIN, A. M.<br/> //STAL'//<br/> 00/00/1975, V----, N0007, PP 0649-0651<br/> CAUSES OF PROPERTY INSTABILITY IN R6M5 STEEL 11 PP</p>  | • | 000000117632 |

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| 01515 13836  | # |              |
| ZAYIKA, G. N.<br>//STAL'//<br>00/00/1975, V----, N0007, PP 0656-0657<br>INVESTIGATION OF THE ROLLED PRODUCT METAL<br>CONSUMPTIONS DURING THE COMMISSIONING OF NEW<br>ROLLING MILLS<br>BISI 13837 | # | 000000047443 |
| KUZOVNIKOV, A. A.<br>//STAL'//<br>00/00/1975, V----, N0007, PP 0658-0659<br>MELTING LOSSES OF STEEL IN THE CYCLE FOR<br>PRODUCING PLATE METAL, AND METHODS OF<br>PREVENTING THEM<br>BISI 13838   | # | 000000047436 |
| KOZHEVNIKOV, A. S.<br>//STAL'//<br>00/00/1975, V----, N0007, PP 0660-0661<br>COMBUSTION OF NATURAL GAS IN RADIANT TUBES<br>BISI 13839  | # | 000000047438 |
| KUNINA, YE. M.<br>//STAL'//<br>00/00/1975, V----, N0007, PP 0662-0663<br>POSSIBILITY OF REDUCING POWER CONSUMPTION<br>ON THE MET PURIFICATION OF OPEN-HEARTH<br>FURNACE GASES<br>BISI 13840      | # | 000000047460 |
| GOL'DIN, SH. L.<br>//STAL'//<br>00/00/1975, V----, N0007, PP 0664-0666<br>CALCULATION OF RECTANGULAR ADJUSTABLE<br>VENTURI TUBE<br>BISI 13841  | # | 000000047461 |
| KAZACHKOV, E. A.<br>//STAL'//<br>00/00/1975, V----, N0008, PP 0698-0699<br>IMPROVING THE CONSTRUCTIONAL PARAMETERS OF<br>INGOT MOULDS FOR BLOOMING INGOTS<br>BISI 13919                          | # | 000000051131 |
| DUBROVICH, A. S.<br>//STAL'//<br>00/00/1975, V----, N0008, PP 0703-0705<br>ALUMINOTHERMAL PRODUCTION OF HIGH QUALITY METALLIC<br>CHROMIUM<br>BISI 13920  | # | 000000084740 |
| NEDOVIZIY, I. N.<br>//STAL'//<br>00/00/1975, V----, N0008, PP 0726-0728<br>EXPERIENCE OF THE INDUSTRIAL MASTERY OF<br>THE COMBINED ANNEALING-DRAW PROCESS<br>BISI 13925                          | # | 000000047466 |
| ZHADAN, V. T.<br>//STAL'//<br>00/00/1975, V----, N0008, PP 0735-0738<br>INFLUENCE OF ROLLING TEMPERATURES DURING HIGH  | # | 000000054800 |

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| TEMPERATURE THERMOMECHANICAL TREATMENT ON THE<br>STRUCTURE AND PROPERTIES OF STEEL<br>BISI 13827   | # |              |
| BASHCHENKO, A. P.<br>//STAL'//<br>00/00/1975,V----,N0008, PP 0738-0740<br>THERMOMECHANICAL STRENGTHENING OF ENGINEERING<br>STEELS DURING ROLLING IN A MEDIUM SECTION MILL<br>BISI 13928                    | # | 000000047415 |
| VOLOVIK, G. A.<br>//STAL'//<br>00/00/1975,V----,N0009, PP 0791-0794<br>COMBATING SULPHUR IN PIG IRON WITH MODERNBLAST<br>FURNACE OPERATING TECHNOLOGY<br>BISI 14009  | # | 000000058406 |
| ANTIPIN, V. G.<br>//STAL'//<br>00/00/1975,V----,N0009, PP 0800-0802<br>PROCESSING OF THE METALLIC SCRAP IN TWO-BATH AND<br>OPEN HEARTH FURNACES<br>BISI 14011  | # | 000000057254 |
| URAZOVA, V. A.<br>//STAL'//<br>00/00/1975,V----,N0009, PP 0812-0815<br>INCLUSIONS IN UNALLOYED ELECTRICAL STEEL<br>BISI 14013  | # | 000000054796 |
| BOCHKOV, N. G.<br>//STAL'//<br>00/00/1975,V----,N0009, PP 0825-0827<br>EFFECTS OF SOME OF THE SKIN PASSING PROCESS CON-<br>DITIONS ON THE PHYSICAL AND MECHANICAL PROPERTIES<br>OF CAR STEEL<br>BISI 14014 | # | 000000058393 |
| DZUGUTOV, M. YA.<br>//STAL'//<br>00/00/1975,V----,N0009, PP 0846-0851<br>RELIABILITY OF METHODS FOR DETERMINING HIGH-TEMPER-<br>ATURE DUCTILITY OF STEELS AND ALLOYS<br>BISI 14015                         | # | 000000057277 |
| BOBKOVA, O. S.<br>//STAL'//<br>00/00/1975,V----,N0010, PP 0899-0900<br>REGULATION OF NITROGEN CONCENTRATION IN CARBON FEE<br>FERROCHROME<br>BISI 14092   | # | 000000054811 |
| TSARYUK, V. I.<br>//STAL'//<br>00/00/1975,V----,N0010, PP 0922-0924<br>EXPERIENCE OF THE PRODUCTION OF NON-LAMINATING<br>SPRING WIRE<br>BISI 14094   | # | 000000054816 |
| SKLOKIN, N. F.<br>//STAL'//<br>00/00/1975,V----,N0010, PP 0941-0944<br>THE EFFECTIVENESS OF THE MAIN LINES FOR IMPROVING   | # | 000000057276 |

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| THE QUALITY OF FERROUS METALS<br>BISI 14097  | # |              |
| GAZMAN, S. M.<br>//STAL'//<br>00/00/1975,V----,N0010, PP 0959-0961<br>SOME FEATURES OF THE ARC WELDING OF RADIATION<br>TUBES FROM THE CAST ALLOY KH28N48V5<br>BISI 14099                                     | # | 000000054809 |
| BERMAN, YU. A.<br>//STAL'//<br>00/00/1975,V----,N0011, PP 0974-0977<br>INFLUENCE OF EXTENT OF ENRICHMENT OF MAGNETITE<br>CONCENTRATES AND THE FIRING REGIME ON THE<br>METALLURGICAL PROPERTIES<br>BISI 14130 | # | 000000062882 |
| GENZELEV, S. M.<br>//STAL'//<br>00/00/1975,V----,N0011, PP 0997-0998<br>AN INVESTIGATION OF STEEL CASTING LADLES WITH AN<br>INCREASE IN LADLE CAPACITY<br>BISI 14133   | # | 000000062876 |
| IL'CHENKO, M. M.<br>//STAL'//<br>00/00/1975,V----,N0011, PP 1011-1013<br>EXPERIENCE IN DISPATCHING CURVED SECTIONS<br>TO THEORETICAL WEIGHT<br>#BISI 14134   | # | 000000047389 |
| LLICHENKO, M. M.<br>//STAL'//<br>00/00/1975,V----,N0011, PP 1011-1013<br>EXPERIENCE IN DISPATCHING CURVED SECTIONS<br>TO THEORETICAL WEIGHT<br>BISI 14134  | # | 000000058396 |
| BRINZA, Y. N.<br>//STAL'//<br>00/00/1975,V----,N0011, PP 1013-1016<br>ACTION OF INDUSTRIAL LUBRICANT IN COLD ROLLING<br>AND THEIR REMOVAL FROM THE SURFACE OF ELECTRIC<br>STEEL<br>BISI 14135                | # | 000000058413 |
| FAIN, Y. B.<br>//STAL'//<br>00/00/1975,V----,N0011, PP 1019-1020<br>MATCHING THE RHYTHM OF FEEDING METAL FROM<br>CONTROLLED-CYCLE FURNACES WITH THE ROLLING<br>RHYTHM ON STRIP MILLS<br>BISI 14136           | # | 000000062870 |
| KUTSENKO, P. I.<br>//STAL'//<br>00/00/1975,V----,N0011, PP 1021-1024<br>A NEW TUBE-ROLLING UNIT WITH A CONTINUOUS MILL<br>#BISI 14137  | # | 000000047392 |
| SOKOLOV, I. A.<br>//STAL'//<br>00/00/1975,V----,N0011, PP 1025-1027  | # | 000000058398 |



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| RESIDUAL STRESSES IN TUBES AFTER DRAWING WITH THE USE OF ULTRASONICS<br>BISI 14138   | # | 000000041394 |
| ZAVALISHCHIN, N. I.<br>//STAL'//<br>00/00/1975,V----,NO011, PP 1028-1031<br>ANALYSIS OF WASTAGE AND LOSSES OF WIRE ROD REPROCESSED IN THE PRODUCTION OF SMALL METAL PRODUCTS, AND METHODS OF REDUCING THIS<br>#BISI 14139    | # | 000000062866 |
| BARKAYA, D. S.<br>//STAL'//<br>00/00/1975,V----,NO011, PP 1032-1033<br>EFFECTS OF CERTAIN FACTORS ON THE SUSCEPTIBILITY OF IRON-CHROMIUM-ALUMINUM SYSTEM ALLOY WIRE TO "PITTING" CORROSION<br>BISI 14140                     | # | 000000129418 |
| BARKAYA, D. S.<br>//STAL'//<br>00/00/1975,V----,NO011, PP 1032-1033<br>EFFECTS OF CERTAIN FACTORS ON THE SUSCEPTIBILITY OF IRON-CHROMIUM-ALUMINUM SYSTEM AND THE FIRING REGIME ON THE METALLURGICAL PROPERTIES<br>BISI 14130 | # | 000000058403 |
| PETROV, A. K.<br>//STAL'//<br>00/00/1975,V----,NO011, PP 1034-1036<br>IMPROVING STRUCTURE HOMOGENEITY ON BEARING STEEL<br>BISI 14141   | # | 000000084139 |
| SHIRNOVA, A. V.<br>//STAL'//<br>00/00/1975,V----,NO011, PP 1042-1045<br>EXAMINATION OF STRUCTURE AND DEFORMATION AND FRACTURE CHARACTERISTICS OF KH162MKYU ALLOY MELTED BY VARIOUS METHODS<br>BISI 14142                     | # | 000000134511 |
| D'YACHENKO, I. P.<br>//STAL'//<br>00/00/1975,V----,NO011, PP 1051-1053<br>NEW WAGE CONDITIONS IN FERROUS METALLURGY DESCRIBE<br>8 PP<br>JPRS 66664   | # | 000000061365 |
| DENISOV, V. A.<br>//STAL'//<br>00/00/1975,V----,NO012, PP 0001-1093<br>SATURATION OF THE METAL WITH GAS WHEN THE BATH OF AN OH-FURNACE IS LANCED WITH AN OXY-GAS FLAME<br>BISI 14208   | # | 000000058414 |
| KOTEL'NIKOV, I. V.<br>//STAL'//<br>00/00/1975,V----,NO012, PP 1075-1077<br>EFFECTIVENESS OF USING DIPPING BLAST TUYERES IN BLAST FURNACE<br>BISI 14204   | # | 000000182229 |
| NESTERENKO, S. V.  |   |              |

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| <p>//STAL'//<br/>                     00/00/1975,V----,NO012, PP 1077-1079<br/>                     STUDY OF PHYSICAL PROPERTIES OF THE CAO-MGO-SIO2<br/>                     SYSTEM WITH 1 ALUMINA AND SULPHUR<br/>                     BISI 14205</p>   | <p>000000061227</p> |
| <p>BENYAKOVSKII, M. A.<br/>                     //STAL'//<br/>                     00/00/1975,V----,NO012, PP 1084-1087<br/>                     IMPROVING THE QUALITY OF OBYU NON-AGING STEELS<br/>                     BISI 14206</p>   | <p>000000058445</p> |
| <p>SAMOILOVICH, YU. A.<br/>                     //STAL'//<br/>                     00/00/1975,V----,NO012, PP 1087-1092<br/>                     STUDY OF THE TEMPERATURE FIELD IN SHEET INGOTS<br/>                     DURING THE CONTINUOUS CASTING OF STEEL ON VERTICAL<br/>                     MACHINES<br/>                     BISI 14207</p>   | <p>000000065156</p> |
| <p>BELORUSOV, S. N.<br/>                     //STAL'//<br/>                     00/00/1975,V----,NO012, PP 1096-1098<br/>                     FIFTH PLENARY MEETING OF THE SEMINAR ON STEEL<br/>                     AND NON-METALLIC INCLUSIONS<br/>                     JPRS FOR FSTC</p>   | <p>000000071219</p> |
| <p>KISELEVA, S. A.<br/>                     //STAL'//<br/>                     00/00/1975,V----,NO012, PP 1096-1098<br/>                     FIFTH PLENARY MEETING OF THE SEMINAR ON STEEL<br/>                     AND NON-METALLIC INCLUSIONS 12 PP<br/>                     GUD COPYRIGHT INFORMATION REFER OTHER REQUEST<br/>                     TO FSTC<br/>                     ARM/FSTC/AST18401-156-76</p> | <p>000000058441</p> |
| <p>LEBEDEVA, L. V.<br/>                     //STAL'//<br/>                     00/00/1975,V----,NO012, PP 1107-1108<br/>                     ROLLING LIGHTENED ECONOMIC SECTIONS OF T STRING SH<br/>                     BISI 14209</p>   | <p>000000061235</p> |
| <p>MASHIROV, V. V.<br/>                     //STAL'//<br/>                     00/00/1975,V----,NO012, PP 1110-1111<br/>                     THE HYDRAULIC DRIVE IN ROLL PROFILE CONTROL<br/>                     SYSTEMS<br/>                     BISI 14210</p>   | <p>000000058452</p> |
| <p>SQBKIN, S. I.<br/>                     //STAL'//<br/>                     00/00/1975,V----,NO012, PP 1120-1121<br/>                     INDUSTRIAL TRAILS ON PRODUCING METAL CORD AND<br/>                     CABLES OF STEEL MELTED IN OXYGEN BLOWN CONVERTERS<br/>                     BISI 14211</p>   | <p>000000039263</p> |
| <p>KLIMENKO, V. M.<br/>                     //STAL'//<br/>                     00/00/1975,V----,NO012, PP 1122-1124<br/>                     CHANGE IN THE MECHANICAL PROPERTIES<br/>                     OF CHROMIUM-MANGANESE MOLYBDENUM STEEL DURING<br/>                     THERMO-MECHANICAL TREATMENT<br/>                     BISI 14212</p>  |                     |

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| <p>LITYINENKO, D. A.<br/> //STAL'//<br/> 00/00/1975,V----,N0012, PP 1127-1129<br/> INFLUENCE OF FURNACE CHARGE ON THE PROPERTIES OF<br/> INDUSTRIALLY MELTED JOHNSON CONSTRUCTIONAL STEEL<br/> BISI 14213</p>  | 0000000628*3 |
| <p>MASHIROV, V. V.<br/> //STAL'//<br/> 00/00/1975,V0012,N----, PP 1110-1111<br/> THE HYDRAULIC DRIVE IN ROLL PROFILE CONTROL<br/> SYSTEMS<br/> BISI 14210</p>  | 000000061223 |
| <p>RIVKIN, A. A.<br/> //STAL'//<br/> 00/05/1975,V----,N0005, PP 0435-0438<br/> PRODUCTION OF COLD-ROLLED MARAGING STEEL SHEETS<br/> MADE BY VACUUM ARC AND ELECTROSLAG REMELTING 16 PP<br/> GUD COPYRIGHT INFO REFER OTHER REQUEST TO FSTC<br/> ARM/FSTC-AST18401-064-76</p> | 00000001782* |
| <p>SHAPRITSKIY, V. N.<br/> //STAL'//<br/> 00/10/1975,V----,N0010, PP 0873-0875<br/> NEW EQUIPMENT REDUCES METALLURGICAL AIR POLLUTION<br/> 6 PP<br/> JPRS 66302</p>  | 00000004444* |
| <p>CHEPLANOV, V. I.<br/> //STAL'//<br/> 00/10/1975,V----,N0010, PP 0947-0950<br/> NEW METHODS OF PRICE FORMATION TO STIMULATE QUALITY<br/> STEEL PRODUCTION 8 PP<br/> JPRS 66342</p>   | 00000002297* |
| <p>KOBYEZ, V. K.<br/> //STAL'//<br/> 00/00/1976,V-----,N0002, PP 0146-0149<br/> RADICAL IMPROVEMENT IN RAIL ROLLING TECHNIQUE<br/> BISI 14379</p>  | 00000006123* |
| <p>TOMENKO, YU. S.<br/> //STAL'//<br/> 00/00/1976,V----,N----, PP 1041-1042<br/> MECHANICAL PROPERTIES AND COLD-RESISTANCE OF<br/> LARGE H-BEAMS<br/> #BISI 15398</p>  | 000000069040 |
| <p>KLEPATSKII, R. I.<br/> //STAL'//<br/> 00/00/1976,V----,N0001, PP 0022-0026<br/> SOME TECHNICAL SOLUTIONS TO THE PROBLEMS OF<br/> REPLACING OPEN HEARTH STEELMAKING FURNACES<br/> BISI 14304</p>   | 000000061238 |
| <p>ROZENTSVEIG, V. S.<br/> //STAL'//<br/> 00/00/1976,V----,N0001, PP 0035-0039<br/> CONTEMPORARY DESIGN SOLUTIONS FOR ELECTRIC STEEL<br/> MAKING SHOPS<br/> BISI 14306</p>   | 000000058453 |
| <p>GLUKHOVSKIY, YE. S.</p>   | 00000005846* |

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| <p>//STAL'//<br/>                     00/00/1976,V----,N0001, PP 0049-0054<br/>                     EFFECT OF PROCESS PLANNING WITH RESPECT TO SECTION<br/>                     ROLLING MILL<br/>                     BISI 14307</p>   | # | 000000058408 |
| <p>CHUKHAMAN, V. N.<br/>                     //STAL'//<br/>                     00/00/1976,V----,N0001, PP 0061-0065<br/>                     PROBLEMS OF CREATING AUTOMATED CONTROL SYSTEMS<br/>                     FOR PLANNED METALLURGICAL UNDER-TAKINGS<br/>                     BISI 14308</p>  | # | 000000058422 |
| <p>PASHKOV, V. D.<br/>                     //STAL'//<br/>                     00/00/1976,V----,N0001, PP 0091-0093<br/>                     FUEL AND ENERGY BALANCE AND THERMAL POWER SUPPLY<br/>                     SYSTEMS AT STEEL-WORKS<br/>                     BISI 14310</p>   | # | 000000061230 |
| <p>BROYMAN, M. YA.<br/>                     //STAL'//<br/>                     00/00/1976,V----,N0002, PP 0124-0129<br/>                     THE STATE OF STRESS IN THE STRAND IN CONTINUOUS<br/>                     BILLET CASTER MOULDS<br/>                     BISI 14377</p>   | # | 000000078612 |
| <p>GUREVICH, G. I.<br/>                     //STAL'//<br/>                     00/00/1976,V----,N0002, PP 0187-0188<br/>                     HIGH-PRODUCTIVITY, HIGH-TEMPERATURE RADIATION-<br/>                     CONVECTION RECUPERATOR<br/>                     BISI 14386</p>  | # | 000000073222 |
| <p>TURKENICH, D. I.<br/>                     //STAL'//<br/>                     00/00/1976,V----,N0003, PP 0218-0221<br/>                     THE DYNAMICS OF MELTING SCRAP IN AN EVALUATION<br/>                     OF THE FACTORS AFFECTING THE DYNAMICS<br/>                     BISI 14454</p>  | # | 000000062928 |
| <p>SMOLYARENKO, D. A.<br/>                     //STAL'//<br/>                     00/00/1976,V----,N0003, PP 0221-0223<br/>                     THE EFFECT OF DEOXIDATION AND MICRO-<br/>                     ALLOYING OF 18 YUA GRADE NON-AGING STEEL ON STEEL<br/>                     QUALITY<br/>                     BISI 14455</p>   | # | 000000062920 |
| <p>SHILENKO, B. P.<br/>                     //STAL'//<br/>                     00/00/1976,V----,N0003, PP 0243-0247<br/>                     SYSTEM INVESTIGATION OF THE PERFORMANCE OF THE<br/>                     A. K. SEROV WORKS ROLLING MILL COMPLEX<br/>                     BISI 14458</p>  | # | 000000093181 |
| <p>GULYAEV, G. I.<br/>                     //STAL'//<br/>                     00/00/1976,V----,N0003, PP 0255-0256<br/>                     EFFECT OF DEFORMATION SCHEDULES ON THE PROPERTIES<br/>                     OF STEAM SUPERHEATER TUBES OF TYPE 12KH1MF STEEL,<br/>                     STRENGTHENED BY THERMOMECHANICAL TREATMENT<br/>                     BISI 14460</p> | # |              |

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| <p>LEZINSKA, YE. YA.<br/> //STAL'//<br/> 00/00/1976,V----,N0003, PP 0264-0265<br/> CONTROL OF GRAIN SIZE IN HOT WORKED TUBES<br/> OF STABLE AUSTENITIC STEEL<br/> BISI 14461</p>  | 000000062925 |
| <p>UNANSKII, V. B.<br/> //STAL'//<br/> 00/00/1976,V----,N0003, PP 0265-0266<br/> INFLUENCE OF HEAT TREATMENT ON THE PROPERTIES<br/> OF 6KHM2S STEEL<br/> #BISI 14462</p>  | 000000056178 |
| <p>ZVAGEL'SKIY, M. YE.<br/> //STAL'//<br/> 00/00/1976,V----,N0003, PP 0271-0273<br/> ECONOMIC EFFECTIVENESS OF AUTOMATIC CONTROL BY<br/> THE RATE SCHEDULE OF A CONTINUOUS HOT-ROLLING<br/> MILL<br/> BISI 14463</p>                    | 000000062869 |
| <p>KALUGIN, YA. P.<br/> //STAL'//<br/> 00/00/1976,V----,N0004, PP 0303-0304<br/> OPERATION EXPERIENCE WITH A CERAMIC BURNER<br/> ON A HOT-BLAST STOVE<br/> BISI 14530</p>   | 000000061275 |
| <p>EMENKL, V.<br/> //STAL'//<br/> 00/00/1976,V----,N0004, PP 0312-0314<br/> HEAT FLOW IN THE SURFACE LAYER OF AN INGOT MOULD<br/> AND ITS EFFECT ON THE TEMPERATURE FIELD IN INGOT<br/> MOULD WALLS AS TIME PASSES<br/> BISI 14531</p>  | 000000061276 |
| <p>EMENKL, V.<br/> //STAL'//<br/> 00/00/1976,V----,N0004, PP 0312-0314<br/> HEAT FLOW IN THE SURFACE LAYER OF AN INGOT MOULD,<br/> AND ITS EFFECT ON THE TEMPERATURE FIELD IN INGOT<br/> MOULD WALLS AS TIME PASSES<br/> BISI 14531</p> | 000000062893 |
| <p>IVANOVSKIY, V. I.<br/> //STAL'//<br/> 00/00/1976,V----,N0004, PP 0315-0316<br/> SAFETY PRACTICE FOR THE PREPARATION OF<br/> EXOTHERMIC SLAG MATERIALS<br/> BISI 14532</p>  | 000000061277 |
| <p>ALEKSANDROV, A. V.<br/> //STAL'//<br/> 00/00/1976,V----,N0004, PP 0316-0318<br/> BASIC TRENDS IN THE PLANNING OF LIME SHOPS<br/> BISI 14533</p>  | 000000061278 |
| <p>BOCHKOV, YU. M.<br/> //STAL'//<br/> 00/00/1976,V----,N0004, PP 0320-0323<br/> MELTING KH18N10T STEEL WITH A LOW LEVEL OF<br/> CONTAMINATION BY NITRIDE INCLUSIONS IN A<br/> VACUUM INDUCTION FURNACE</p>                             | 000000061279 |

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| BISI 14534   | # |              |
| RUDNITSKIY, L. S.  |   | 000000061284 |
| //STAL'//  |   |              |
| 00/00/1976,V----,N0004, PP 0365-0367   |   |              |
| INVESTIGATION OF WEAR ON THE SURFACE OF DOUBLE-<br>POUR WORK ROLLS IN A CONTINUOUS HOT STRIP MILL                        |   |              |
| BISI 14539   | # |              |
| BRATCHINKO, S. G.  |   | 000000062905 |
| //STAL'//  |   |              |
| 00/00/1976,V----,N0005, PP 0389-0393   |   |              |
| INVESTIGATION OF PELLET-COOLING EFFICIENCY ON<br>STRAND MACHINES   |   |              |
| BISI 14626   | # |              |
| BEREMBYUM, G. B.   |   | 000000062904 |
| //STAL'//  |   |              |
| 00/00/1976,V----,N0005, PP 0398-0400   |   |              |
| INVESTIGATION OF 2 IGNITION-HOOD OPERATION ON<br>SINTERING MACHINE WITH A SINTERING AREA OF 252/<br>312M <sup>2</sup>    |   |              |
| BISI 14627   | # |              |
| POLYAKOV, V. V.  |   | 000000062908 |
| //STAL'//  |   |              |
| 00/00/1976,V----,N0005, PP 0408-0410   |   |              |
| THE EFFECT OF VACUUM TREATMENT OF BASIC OXYGEN<br>FURNACE STEEL ON THE QUALITY OF CONTINUOUSLY CAST<br>BILLETS AND RAILS |   |              |
| BISI 14628   | # |              |
| DIDKOVSKIY, V. K.  |   | 000000061364 |
| //STAL'//  |   |              |
| 00/00/1976,V----,N0005, PP 0410-0412   |   |              |
| PRODUCTION TECHNOLOGY AND USE OF A CONVERTER<br>FLUX   |   |              |
| BISI 14629   | # |              |
| GRABEKLIS, A. A.   |   | 000000084115 |
| //STAL'//  |   |              |
| 00/00/1976,V----,N0005, PP 0413-0414   |   |              |
| FERROSILICON PRODUCTION SLAGS USED FOR DEOXIDIZING<br>OPEN-HEARTH FURNACE STEEL  |   |              |
| BISI 14630   | # |              |
| GERASIMOV, YU. V.  |   | 000000062624 |
| //STAL'//  |   |              |
| 00/00/1976,V----,N0005, PP 0417-0418   |   |              |
| AFTER-FURNACE DECARBURIZATION OF STEEL FOR VACUUM<br>INDUCTION REMELTING   |   |              |
| BISI 14631   | # |              |
| PRIDANTSEY, M. V.  |   | 000000061351 |
| //STAL'//  |   |              |
| 00/00/1976,V----,N0005, PP 0422-0423   |   |              |
| SPECIALIZATION OF CONTINUOUS WIDE HOT<br>STRIP MILLS   |   |              |
| BISI 14632   | # |              |
| ZHELEZNOV, YU. D.  |   | 000000062899 |
| //STAL'//  |   |              |
| 00/00/1976,V----,N0005, PP 0424-0428   |   |              |
| CONTROL OF THE FINISHING GROUP OF A WIDE-  |   |              |

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| STRIP MILL WITH THE USE OF UVM<br>BISI 14633   | # | 000000078667 |
| SHEFTEL, N. I.<br>//STAL'//<br>00/00/1976, V----, N0005, PP 0428-0430<br>TURNED AND POLISHED 60S2A STEEL ROD QUALITY<br>PARAMETERS AND PRODUCTION EFFICIENCY<br>BISI 14634       | # |              |
| GRIMAYTSEY, V. M.<br>//STAL'//<br>00/00/1976, V----, N0005, PP 0432-0434<br>USE OF A FIXED ROLLED CASSETTE FOR ROLLING<br>H-BEAMS ON A 650 MILL<br>BISI 14635                    | # | 000000062900 |
| POLUKHIN, P. I.<br>//STAL'//<br>00/00/1976, V----, N0005, PP 0442-0445<br>WAYS OF RAISING THE ACCURACY OF HOLLOWS WHEN<br>PIERCING IN A THREE-ROLL MILL<br>BISI 14636            | # | 000000067344 |
| SHEYAKIN, YU. F.<br>//STAL'//<br>00/00/1976, V----, N0005, PP 0445-0446<br>THE LIVES OF HORSE-SHOE AND HALF-RING COLD<br>TUBE ROLLING MILL PASSES<br>BISI 14637                  | # | 000000067349 |
| ZOBNIN, B. F.<br>//STAL'//<br>00/00/1976, V----, N0005, PP 0469-0472<br>RESEARCH INTO THE RUNNING OF THE CONTINUOUS<br>FURNACES OF A 650 MILL AFTER RECONSTRUCTION<br>BISI 14640 | # | 000000072780 |
| KUZNETSOV, M. G.<br>//STAL'//<br>00/00/1976, V----, N0005, PP 0474-0475<br>INDUSTRIAL TRIALS OF A MACHINE FOR REMOVING SLUDGE<br>FROM HORIZONTAL SETTLING TANKS<br>BISI 14642    | # | 000000078659 |
| ZHOLUDEV, M. D.<br>//STAL'//<br>00/00/1976, V----, N0006, P 0545<br>CORROSION PROTECTION OF TUBES VIA DIFFUSION ZINC<br>PLATING 5 PP<br>THE BRITISH LIBRARY BLD M 25477          | # | 000000077618 |
| RUNOF, M. A.<br>//STAL'//<br>00/00/1976, V----, N0006, PP 0521-0522<br>MELTING OF MERCHANT SILICOMANGANESE WITH DOLOMITE<br>REPLACED BY A BASIC REFUSE SLAG<br>BISI 14775        | # | 000000065434 |
| LAPKINA, YU. V.<br>//STAL'//<br>00/00/1976, V----, N0006, PP 0522-0524<br>PROPERTIES AND METHODS OF REFINING CARBON FERRO<br>CHROME SLAG   | # | 000000065447 |

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| BISI 14776   | # |              |
| PODOL'SKII, I. TS.<br>//STAL'//<br>00/00/1976,V----,N0006, PP 0571-0572<br>SPECIAL FEATURES OF WATER SUPPLY TO MODERN SECTION<br>ROLLING MILLS<br>BISI 14785   | # | 000000084755 |
| LEMPITSKIY, V. V.<br>//STAL'//<br>00/00/1976,V----,N0007, PP 0577-0582<br>TASKS FOR METALLURGICAL SCIENCE IN THE TENTH<br>FIVE-YEAR PERIOD 16 PP<br>THE BRITISH LIBRARY BLD 5828 4F M25485                                       | # | 000000117610 |
| VORONOVA, N. A.<br>//STAL'//<br>00/00/1976,V----,N0007, PP 0591-0594<br>DETERMINATION OF THE LIMITING DEGREE OF REAGENT<br>UTILIZATION IN DESULPHURIZATION OF PIG-IRON WITH<br>MAGNESIUM OUTSIDE THE BLAST FURNACE<br>BISI 14875 | # | 000000065410 |
| USTYUGOV, A. A.<br>//STAL'//<br>00/00/1976,V----,N0007, PP 0604-0607<br>ROOF LIVES OF OPEN-HEARTH AND TWO-BATH FURNACES<br>#BISI 14877   | # | 000000091413 |
| GERASTMENKO, I. P.<br>//STAL'//<br>00/00/1976,V----,N0007, PP 0609-0610<br>EXPERIENCE IN THE USE OF A SUSPENDED ROOF IN THE<br>WOK SPACE OF AN OPEN HEARTH FURNACE<br>BISI 14878   | # | 000000065382 |
| KLOPONIN, V. N.<br>//STAL'//<br>00/00/1976,V----,N0007, PP 0621-0622<br>RATIONAL SCHEMES OF SHEET PRODUCTION ON HOT<br>WIDE STRIP MILLS<br>BISI 14881  | # | 000000085727 |
| KHLOPONIN, V. N.<br>//STAL'//<br>00/00/1976,V----,N0007, PP 0621-0622<br>RATIONAL SCHEMES OF SHEET PRODUCTION ON HOT<br>WIDE-STRIP MILLS<br>* BISI 14881   | # | 000000086219 |
| SEMIENENKO, YU. L.<br>//STAL'//<br>00/00/1976,V----,N0007, PP 0637-0638<br>IMPROVEMENT IN OIL SECTIONS RANGE PIPE<br>STRAIGHTENING<br>BISI 14885   | # | 000000085728 |
| BUSHUEVA, N. V.<br>//STAL'//<br>00/00/1976,V----,N0007, PP 0668-0671<br>DETERMINATION OF THE DESIGN AND SERVICE CHARACT<br>ERISTICS OF OIL FILTERS FOR CLEANING BLAST<br>FURNACE BLAST   | # | 000000065319 |



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| BTST 14852  |   |              |
| KACHULA, B. V.<br>//STAL'//<br>00/00/1976,V----,N0008, PP 0687-0691<br>INFLUENCE OF BASICITY OF PELLETS FROM TITANO<br>MAGNETITE CONCENTRATES ON THEIR PHYSICO<br>CHEMICAL AND METALLURGICAL PROPERTIES<br>BISI 14985 | # | 000000065405 |
| MERKER, YE. YE.<br>//STAL'//<br>00/00/1976,V----,N0008, PP 0704-0708<br>CONTINUOUS MEASUREMENT OF OXYGEN CONTENT AND<br>TEMPERATURE IN STEELMAKING BATH<br>BISI 14987   | # | 000000065458 |
| MAKARENKO, A. K.<br>//STAL'//<br>00/00/1976,V----,N0008, PP 0709-0710<br>COILED BANDING FOR INGOT MOULDS<br>BISI 14988  | # | 000000065428 |
| MOROZOV, A. S.<br>//STAL'//<br>00/00/1976,V----,N0008, PP 0710-0712<br>DEPHOSPHORIZATION OF AN ALLOY MELT BY THE INJECTIO<br>OF BLENDED POWDERED MATERIALS<br>BISI 14989  | # | 000000065344 |
| ZHELEZNOV, YU. D.<br>//STAL'//<br>00/00/1976,V----,N0008, PP 0724-0725<br>OPTIMIZATION OF ROLLING SCHEDULES AND THE TECH-<br>NOLOGICAL FLOW STRUCTURE OF A CONTEMPORARY WIDE<br>STRIP MILL<br>BISI 14990              | # | 000000065425 |
| PETROVSKII, A. A.<br>//STAL'//<br>00/00/1976,V----,N0008, PP 0725-0730<br>USE OF LUBRICATING-COOLING AGENTS DURING THE GOLD<br>ROLLING OF ALLOY METAL<br>BISI 14991   | # | 000000065397 |
| SHIFRIN, M. YU.<br>//STAL'//<br>00/00/1976,V----,N0008, PP 0730-0732<br>WHEEL ROLLING ON NEW WHEEL ROLLING MILLS<br>#BISI 14992   | # | 000000062438 |
| BARBAROV, V. L.<br>//STAL'//<br>00/00/1976,V----,N0008, PP 0735-0736<br>MASTERING THE ROLLING OF SPECIAL SECTIONS OF THE<br>LATERAL CHUTES OF SCRAPER CONVEYORS<br>BISI 14993   | # | 000000065333 |
| STOLETNI, M. F.<br>//STAL'//<br>00/00/1976,V----,N0008, PP 0737-0739<br>EFFECT OF THE AMOUNT OF DEFORMATION IN A<br>THREE-ROLL REELING MILL ON THE PRODUCTIVITY<br>OF THE UNIT  | # | 000000065442 |

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| BISI 14994   | # |              |
| KOGOS, A. M.<br>//STAL'//<br>00/00/1976,V----,N0008, PP 0744-0747<br>DESIGN AND EXPERIENCE IN THE OPERATION OF<br>DOMESTIC COLD ROLLING MULTIPLE ROLL MILLS<br>BISI 14995  | # | 00000006544* |
| KOLESNIK, F. I.<br>//STAL'//<br>00/00/1976,V----,N0008, PP 0747-0748<br>DAMPING OF NOISE IN AN AUTOMATIC NAIL-PRODUCING<br>PLANT<br>BISI 14996   | # | 000000065392 |
| MININZON, R. D.<br>//STAL'//<br>00/00/1976,V----,N0008, PP 0754-0755<br>EFFECTS OF TECHNOLOGICAL PARAMETERS ON THE<br>DUCTILITY OF R6MS STEEL<br>BISI 14997  | # | 000000065336 |
| BYKOV, A. A.<br>//STAL'//<br>00/00/1976,V----,N0008, PP 0759-0761<br>ECONOMIC COMPARISON OF BIMETAL PRODUCTION BY THE<br>METHODS OF PACK ROLLING AND EXPLOSIVE WELDING<br>BISI 14998   | # | 000000065445 |
| AKIMENKO, V. B.<br>//STAL'//<br>00/00/1976,V----,N0008, PP 0764-0767<br>EXPERIENCE OF THE ROOF FIRING OF MUFFLE<br>FURNACES IN POWDER METALLURGY<br>BISI 14999   | # | 00000006544* |
| MARANTS, A. G.<br>//STAL'//<br>00/00/1976,V----,N0008, PP 0767-0769<br>CONTINUOUS FURNACES WITH SOLID HEARTHS USED<br>FOR HEATING TRANSFORMER STEEL<br>BISI 15000  | # | 00000006544* |
| YUDIN, A. G.<br>//STAL'//<br>00/00/1976,V----,N0008, PP 0769-0771<br>AN ELECTROCHEMICAL SENSING ELEMENT WITH A SOLID<br>ELECTROLYTE USED FOR CONTROLLING THE OXYGEN<br>CONTENT OF THE OUTGOING GASES FROM BOILERS<br>*BISI 15001 | # | 000000062433 |
| LOGINOV, V. I.<br>//STAL'//<br>00/00/1976,V----,N0009, PP 0780-0784<br>OPTIMUM LINES OF A BLAST FURNACE<br>BISI 15099  | # | 00000006239* |
| BEREZHNII, N. N.<br>//STAL'//<br>00/00/1976,V----,N0009, PP 0794-0787<br>STRENGTH OF PELLETS<br>BISI 15100   | # | 00000021138* |

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| <p>KOLYSOV, A. Y.<br/> //STAL'//<br/> 00/00/1976, V----, N0009, PP 0799-0800<br/> AN INVESTIGATION OF THE GAS-SLAG-METAL EMULSION<br/> FORMED DURING BASIC OXYGEN STEELMAKING<br/> BISI 15101 #</p>                        | 000000065243 |
| <p>GRITSUK, L. D.<br/> //STAL'//<br/> 00/00/1976, V----, N0009, PP 0806<br/> USE OF BLOCKS WITH A COOLED LINING ON<br/> METALLURGICAL FURNACES<br/> BISI 15102 #</p>   | 000000067259 |
| <p>AKIMOV, E. P.<br/> //STAL'//<br/> 00/00/1976, V----, N0009, PP 0807-0808<br/> IMPROVEMENT IN THE QUALITY OF INGOT MOULDS CAST IN<br/> FLUID-MIXTURE MOULDS<br/> BISI 15103 #</p>  | 000000065238 |
| <p>LOGANOV, M. I.<br/> //STAL'//<br/> 00/00/1976, V----, N0009, PP 0810-0813<br/> THE EFFECT OF ADDING DEOXIDANTS ON THE CONTENT AND<br/> PROPERTIES OF NON-METALLIC INCLUSIONS IN CARBON<br/> STEEL<br/> BISI 15104 #</p> | 000000062400 |
| <p>LOGANOV, M. I.<br/> //STAL'//<br/> 00/00/1976, V----, N0009, PP 0810-0813<br/> EFFECT OF ADDING DEOXIDANTS ON THE CONTENT AND<br/> PROPERTIES OF NON-METALLIC INCLUSIONS IN CARBON<br/> STEEL<br/> BISI 15104 #</p>     | 000000130482 |
| <p>SOLOSHEMKO, P. S.<br/> //STAL'//<br/> 00/00/1976, V----, N0009, PP 0815-0817<br/> SMELTING FERROSILICON IN RECONSTRUCTED CLOSED<br/> ELECTRIC FURNACES<br/> BISI 15105 #</p>  | 000000065342 |
| <p>SAFRONOV, V. I.<br/> //STAL'//<br/> 00/00/1976, V----, N0009, PP 0828-0830<br/> IMPROVEMENT IN THE DESIGN OF THE SCREW PAIRS<br/> IN THE SCREW-DOWN DEVICES OF REVERSING<br/> ROUGHING MILLS<br/> BISI 15107 #</p>      | 000000068806 |
| <p>BLINOV, YU. I.<br/> //STAL'//<br/> 00/00/1976, V----, N0009, PP 0839-0840<br/> MEASUREMENT OF THE WALL THICKNESS OF TUBES WITH<br/> AN X-RAY THICK THICKNESS GAUGE<br/> BISI 15109 #</p>                                | 000000065324 |
| <p>GERASIMOV, V. YA.<br/> //STAL'//<br/> 00/00/1976, V----, N0009, PP 0845-0846<br/> DETERMINING THE PRESSABILITY OF STEEL FOR THE<br/> PRODUCTION OF NUTS BY COLD UPSETTING</p>   | 000000067228 |

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| BTST 15110  |  |              |
| SVISTUNOVA, T. V.<br>//STAL'//<br>00/00/1976,V----,N0009, PP 0851-0853<br>CORROSION RESISTANCE OF NICKEL-CHROMIUM ALLOYS<br>IN HYDROFLUORIC-NITRIC ACID PICKLING SOLUTION<br>BISI 15112   |  | 000000195484 |
| PETROY, A. K.<br>//STAL'//<br>00/00/1976,V----,N0009, PP 0856-0858<br>STANDARDIZING AND EVALUATING THE QUALITY OF METAL<br>PRODUCTS<br>THE BRITISH LIBRARY  |  | 000000141313 |
| SOKURENKO, V. P.<br>//STAL'//<br>00/00/1976,V----,N0009, PP 0858-0859<br>EVALUATING THE QUALITY OF METAL PRODUCTS<br>THE BRITISH LIBRARY  |  | 000000141314 |
| KUSHIROV, V. A.<br>//STAL'//<br>00/00/1976,V----,N0010, PP 0879-0880<br>PRODUCTION OF HIGH-QUALITY PELLETS ON OK-278<br>FIRING MACHINES<br>BISI 15251   |  | 000000065242 |
| KUSHIROV, V. A.<br>//STAL'//<br>00/00/1976,V----,N0010, PP 0879-0880<br>PRODUCTION OF HIGH-QUALITY PELLETS ON OK-278<br>FIRING MACHINES<br>#BISI 15251  |  | 000000065226 |
| YULENKOV, V. I. L.<br>//STAL'//<br>00/00/1976,V----,N0010, PP 0888-0889<br>ASSESSING THE SERVICE ABILITY OF A SI-29-11<br>SKIP HOIST WITH AN INCREASE IN SKIP CAPACITY<br>TO 20 M <sup>3</sup><br>#BISI 15252                                   |  | 000000065227 |
| BLINOV, K. A.<br>//STAL'//<br>00/00/1976,V----,N0010, PP 0890-0892<br>INVESTIGATION OF THE EFFECT OF THE BASIC PARAMETER<br>OF THE LANCE NOZZLE FOR BOTTOM BLOWING ON THE<br>AERODYNAMICS OF THE STREAMS<br>BISI 15253                          |  | 000000065250 |
| GABISIANI, A. G.<br>//STAL'//<br>00/00/1976,V----,N0010, PP 0897-0899<br>VARIATION IN THE OXYGEN CONTENT AND IN THE NATURE<br>OF THE NON-METALLIC INCLUSIONS WHEN STEEL IS DE-<br>OXIDISED WITH A SILICON-CALCIUM-ALUMINUM ALLOY<br>#BISI 15254 |  | 000000065229 |
| GABISIANI, A. G.<br>//STAL'//<br>00/00/1976,V----,N0010, PP 0897-0899<br>VARIATION IN THE OXYGEN CONTENT AND IN THE   |  | 00000012181  |

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| NATURE OF THE NON-METALLIC INCLUSIONS WHEN<br>STEEL IS DEOXIDISED WITH A SILICON-CALCIUM<br>ALUMINIUM ALLOY<br>BISI 15254   | # |              |
| GABISIANI, A. G.<br>//STAL'//<br>00/00/1976,V----,N0010, PP 0897-0899<br>VARIATION IN THE OXYGEN CONTENT AND IN THE NATURE<br>OF THE NON METALLIC INCLUSIONS WHEN STEEL IS<br>DEOXIDISED WITH A SILICON CALCIUM ALUMINIUM ALLOY<br>BISI 15254 | # | 000000*30468 |
| SEROV, G. V.<br>//STAL'//<br>00/00/1976,V----,N0010, PP 0913-0916<br>PELLETIZED MATERIALS USED FOR MELTING 7<br>FERROSILICON<br>BISI 15257  | # | 0000000*2781 |
| SEROV, G. V.<br>//STAL'//<br>00/00/1976,V----,N0010, PP 0913-0916<br>PELLETIZED MATERIALS USED FOR MELTING 7 FERROSILI<br>CON<br>BISI 15016   | # | 000000*29406 |
| SEROV, G. V.<br>//STAL'//<br>00/00/1976,V----,N0010, PP 0913-0916<br>PELLETIZED MATERIALS USED FOR MELTING 7 FERROSILI<br>CON<br>BISI 15016   | # | 000000*29915 |
| DOLZHENKOV, F. E.<br>//STAL'//<br>00/00/1976,V----,N0010, PP 0921-0925<br>DETERMINING THE OPTIMUM SET-UP OF EQUIPMENT<br>GRADES AND ROLLING SCHEDULES OF A WIDE STRIP<br>MILL<br>#BISI 15258  | # | 000000065233 |
| DOLZHENKOV, F. E.<br>//STAL'//<br>00/00/1976,V----,N0010, PP 0921-0925<br>DETERMINING THE OPTIMUM SET-UP OF EQUIPMENT<br>GRADES AND ROLLING SCHEDULES OF A WIDE STRIP<br>MILL<br>BISI 15258   | # | 000000065245 |
| SKOROKHOODOV, N. E.<br>//STAL'//<br>00/00/1976,V----,N0010, PP 0925-0937<br>DRAWING OF EQUILIBRIUM FLANGED WIRE<br>BISI 15261   | # | 000000065246 |
| ROSPASIEENKO, V. I.<br>//STAL'//<br>00/00/1976,V----,N0010, PP 0927-0929<br>CLASSIFICATION OF MACHINES FOR THE ABRASIVE<br>DRESSING OF PLATE<br>BISI 15259  | # | 000000067227 |
| MASKILEISON, A. M.  |   | 000000065275 |

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| //STAL'//<br>00/00/1976,V----,N0010, PP 0931-0933<br>6-25 CONTINUOUS UNIT FOR THE PRODUCTION OF<br>HIGH-STRENGTH WELDED TUBES<br>#BISI 15260  | # |               |
| MASKILEISON, A. M.<br>//STAL'//<br>00/00/1976,V----,N0010, PP 0931-0933<br>6-25 CONTINUOUS UNIT FOR THE PRODUCTION OF<br>HIGH-STRENGTH WELDED TUBES<br>BISI 15260                           | # | 0000000'280'  |
| SOKOLOVSKIY, V. I.<br>//STAL'//<br>00/00/1976,V----,N0010, PP 0933-0934<br>DRAWING STAINLESS TUBES ON A MANDREL<br>BISI 15298   | # | 0000000625'1' |
| LEVANTO, M. A.<br>//STAL'//<br>00/00/1976,V----,N0010, PP 0944-0946<br>DEVELOPMENT OF PRODUCTION OF HOT-ROLLED ELECTRIC<br>AL STEEL<br>BLLD M25532 (BLLD 5828.4F)                           | # | 000000'24904  |
| DRUZHININ, V. V.<br>//STAL'//<br>00/00/1976,V----,N0010, PP 0947-0950<br>INTERRELATIONSHIP OF MAGNETIC PROPERTIES AND<br>MAGNETIC STRUCTURE IN TEXTURED COLD ROLLED<br>STEEL<br>#BISI 15263 | # | 000000065186  |
| DRUZHININ, V. V.<br>//STAL'//<br>00/00/1976,V----,N0010, PP 0947-0950<br>INTERRELATIONSHIP OF MAGNETIC PROPERTIES AND<br>MAGNETIC STRUCTURE IN TEXTURED COLD ROLLED<br>STEEL<br>BISI 15263  | # | 0000000'195'  |
| SEL'SKIY, B. I.<br>//STAL'//<br>00/00/1976,V----,N0010, PP 0958-0960<br>DETERMINING THE LOSSES OF METAL DUE TO<br>OXIDATION IN THE PRODUCTION OF ROLLED STOCK FROM<br>INGOTS<br>BISI 15265  | # | 0000000625'14 |
| SEL'SKIY, B. I.<br>//STAL'//<br>00/00/1976,V----,N0010, PP 0958-0960<br>DETERMINING THE LOSSES OF METAL DUE TO OXIDATION<br>IN THE PRODUCTION OF ROLLED STOCK FROM INGOTS<br>#BISI 15265    | # | 000000065'88  |
| GOMAN, V. G.<br>//STAL'//<br>00/00/1976,V----,N0010, PP 0960-0961<br>INVESTIGATION OF A BLIND RADIATION TUBE WITH CENTR<br>FLUVE EXTRACTION<br>BISI 15266                                   | # | 0000000625'11 |

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| MOLCHANOV, YU. D.<br>//STAL'//<br>00/00/1976, V----, NO010, PP 0962-0963<br>CLEANING WASTE WATER AND GAS EMISSIONS IN THE<br>IRON AND STEEL INDUSTRY<br>#BISI 15297   | # | 000000065096 |
| MOLCHANOV, YU. D.<br>//STAL'//<br>00/00/1976, V----, NO010, PP 0962-0963<br>CLEANING WASTE WATER AND GAS EMISSIONS IN THE<br>IRON AND STEEL INDUSTRY<br>BISI 15297  | # | 000000071953 |
| VERYUTIN, A. M.<br>//STAL'//<br>00/00/1976, V----, NO010, PP 0964<br>COOLING OF VESSELS BEFORE ENAMELLING<br>BISI 15267   | # | 000000072796 |
| KEPKA, M.<br>//STAL'//<br>00/00/1976, V----, NO010, PP 0988-0990<br>A COMPARISON OF THE CONTAMINATION OF CARBON<br>STEEL MELTED IN ACID AND BASIC FURNACES<br>BISI 15383  | # | 000000075333 |
| SOLOMENTSEV, S. L.<br>//STAL'//<br>00/00/1976, V----, NO011, PP 0982-0984<br>NON-UNIFORMITY IN DISTRIBUTION OF BLAST AND<br>COMBUSTION PRODUCTS OVER THE CROSS-SECTION OF<br>THE CHECKERBOARD OF BLAST-FURNACE HOT-BLAST STOVES<br>BISI 15381 | # | 000000075331 |
| ANTONOV, V. M.<br>//STAL'//<br>00/00/1976, V----, NO011, PP 0985-0986<br>THERMAL STRESSES IN BLAST-FURNACE TUYERES<br>BISI 15382  | # | 000000075330 |
| LEITES, A. V.<br>//STAL'//<br>00/00/1976, V----, NO011, PP 0993-0996<br>PRODUCTION OF CONSUMABLE ELECTRODES FROM BILLETS<br>CAST ON MULTI-STRAND VERTICAL CONTINUOUS CASTING<br>MACHINES<br>BISI 15384  | # | 000000075328 |
| MAKARENKO, A. K.<br>//STAL'//<br>00/00/1976, V----, NO011, PP 0998-1000<br>USE, CALCULATION AND ANALYSIS OF THE LIFE OF<br>INGOT MOULDS<br>BISI 15386   | # | 000000075325 |
| IVANOV-FILIPPOV, F. V.<br>//STAL'//<br>00/00/1976, V----, NO011, PP 1004-1007<br>MELTING IRON-NICKEL AND IRON-NICKEL-COBALT<br>ALLOYS IN LARGE-TONNAGE INDUCTION FURNACES<br>#BISI 15387  | # | 000000068747 |
| KOSTENENKO, L. P.   |   | 000000072819 |

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| <p>//STAL'//<br/>                     00/00/1976,V----,N0011, PP 1010<br/>                     CHANGES IN THE MICROHARDNESS AND REFLECTING<br/>                     POWER OF CHROMIUM SPINELLIDE DURING THE<br/>                     REDUCING HEAT TREATMENT OF PELLETS<br/>                     BISI 15388</p>                                | # |              |
| <p>KOINOV, T. A.<br/>                     //STAL'//<br/>                     00/00/1976,V----,N0011, PP 1011-1016<br/>                     RATIONAL SCHEMES OF HOT-ROLLING ON WIDE<br/>                     STRIP MILLS<br/>                     BISI 15389</p>  | # | 000000072827 |
| <p>LUTSENKO, A. G.<br/>                     //STAL'//<br/>                     00/00/1976,V----,N0011, PP 1016-1019<br/>                     THE CONTINUOUS MEDIUM SECTION 450 MILL OF<br/>                     ZAPADNO SIBIRSK WORKS<br/>                     BISI 15390</p>  | # | 000000072828 |
| <p>TYAGUNOV, V. A.<br/>                     //STAL'//<br/>                     00/00/1976,V----,N0011, PP 1019-1020<br/>                     OPTIMIZING THE MAIN DRIVE OPERATING CONDITIONS ON<br/>                     A BLOOMING MILL USING VARIABLE ACCELERATION<br/>                     BISI 15391</p>                                    | # | 000000075022 |
| <p>MALT'SEV, V. I.<br/>                     //STAL'//<br/>                     00/00/1976,V----,N0011, PP 1021-1022<br/>                     ACCURACY OF SHAPED SECTION ROLLED ON THE RAIL-<br/>                     STRUCTURAL MILL AT THE KUZNETS IRON AND STEEL<br/>                     COMBINE<br/>                     BISI 15392</p>    | # | 000000073209 |
| <p>VLADIMIROV, S. M.<br/>                     //STAL'//<br/>                     00/00/1976,V----,N0011, PP 1023<br/>                     IMPROVEMENT IN THE SURFACE QUALITY OF HOT<br/>                     ROLLED CHROME-NICKEL STEEL STRIP<br/>                     BISI 15393</p>  | # | 000000069035 |
| <p>RIZOL', A. I.<br/>                     //STAL'//<br/>                     00/00/1976,V----,N0011, PP 1024-1027<br/>                     EFFECT OF THE DEFORMATION CONDITIONS DURING<br/>                     PIERCING ON THE RESISTANCE OF KH25T STEEL TO<br/>                     BRITTLE FRACTURE<br/>                     BISI 15394</p> | # | 000000073204 |
| <p>SHVEIKIN, V. V.<br/>                     //STAL'//<br/>                     00/00/1976,V----,N0011, PP 1029-1030<br/>                     DECREASING THE CURVATURE OF TUBES IN DRAWING<br/>                     BISI 15395</p>  | # | 000000075143 |
| <p>BABICH, L. M.<br/>                     //STAL'//<br/>                     00/00/1976,V----,N0011, PP 1030-1031<br/>                     EXPERIENCE OF THE PRODUCTION OF GALVANIZED<br/>                     FITTINGS<br/>                     BISI 15396</p>  | # | 000000073205 |



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| LEBITYSKIY, V. V.<br>//STAL'//<br>00/00/1976,V----,N0011, PP 1032-1036<br>CURRENT DEVELOPMENT OF RAILWAY RAIL PRODUCTION<br>AND RAIL QUALITY<br>BISI 15397               | # | 0000000*3212  |
| TOMENKO, YU. S.<br>//STAL'//<br>00/00/1976,V----,N0011, PP 1041-1042<br>MECHANICAL PROPERTIES AND COLD-RESISTANCE OF<br>LARGE H-BEAMS<br>BISI 15397                      | # | 0000000*2823  |
| NELESHKOV, A. M.<br>//STAL'//<br>00/00/1976,V----,N0011, PP 1043-1045<br>REVELATION OF DEFECTS IN INSPECTION OF THE<br>MACROSTRUCTURE OF THICK PLATE METAL<br>BISI 15399 | # | 0000000*2824  |
| LEBEDEV, D. V.<br>//STAL'//<br>00/00/1976,V----,N0011, PP 1045-1047<br>THE SOVIET-AMERICAN SYMPOSIUM METAL FOR GAS AND<br>OIL PIPE LINES<br>BISI 15400                   | # | 0000000*5096  |
| LEBEDEV, D. B.<br>//STAL'//<br>00/00/1976,V----,N0011, PP 1045-1047<br>SOVIET-AMERICAN SYMPOSIUM METAL FOR GAS AND OIL<br>PIPELINES<br>AVAIL FROM BISI 15400             | # | 0000000*32144 |
| LEBEDEV, D. V.<br>//STAL'//<br>00/00/1976,V----,N0011, PP 1045-1047<br>THE SOVIET-AMERICAN SYMPOSIUM METAL FOR GAS AND<br>OIL PIPE LINES<br>BITS                         | # | 0000000*41365 |
| KORDLEV, N. M.<br>//STAL'//<br>00/00/1976,V----,N0011, PP 1055-1056<br>RESEARCH INTO THE TEMPERATURE FIELD WHEN<br>COMPLEX SECTION BILLETS AND HEATED<br>*BISI 15401     | # | 000000069043  |
| REYUN, M. P.<br>//STAL'//<br>00/00/1976,V----,N0011, PP 1057-1058<br>INVESTIGATION OF METAL OXIDATION<br>BISI 15402  | # | 0000000*4550  |
| REYUN, M. P.<br>//STAL'//<br>00/00/1976,V----,N0011, PP 1057-1058<br>INVESTIGATION OF METAL OXIDATION<br>BISI 15402  | # | 0000000211389 |
| POPOV, A. N.<br>//STAL'//<br>00/00/1976,V----,N0011, PP 1058-1060  | # | 0000000*4424  |

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| CONTROL OF THE MAIN ELECTRICAL DRIVES OF A<br>CONTINUOUS COLD-ROLLING MILL WITH A BLOCK<br>SYSTEM OF POWER SUPPLY TO THE MOTORS<br>BISI 15403  | # |              |
| SHATALOV, M. N.<br>//STAL'//<br>00/00/1976,V----,N0012, PP 1070-1072<br>INFLUENCE OF MAGNESIUM-CONTAINING COMPOUNDS ON<br>PELLET STRENGTH<br>BISI-15564  | # | 00000007846  |
| LEVIN, L. L.<br>//STAL'//<br>00/00/1976,V----,N0012, PP 1072-1074<br>VISCOSITY OF KARAGANDA-COMBINE SLAGS<br>#BISI 15565   | # | 000000071904 |
| ITSKOVICH, G. M.<br>//STAL'//<br>00/00/1976,V----,N0012, PP 1082-1088<br>MODIFICATION OF THE COMPOSITION AND MORPHOLOGY OF<br>NON-METALLIC INCLUSIONS AS AN EFFECTIVE METHOD OF<br>IMPROVING THE QUALITY OF STEEL DEOXIDIZED WITH<br>ALUMINIUM<br>BISI 15566 | # | 000000087439 |
| ITSKOVICH, G. M.<br>//STAL'//<br>00/00/1976,V----,N0012, PP 1082-1088<br>MODIFICATION OF THE COMPOSITION AND MORPHOLOGY OF<br>NON METALLIC INCLUSIONS AS AN EFFECTIVE METHOD<br>OF IMPROVING THE QUALITY OF STEEL OXIDISED WITH<br>ALUMINIUM<br>BISI 15566   | # | 000000247278 |
| CHEMERIS, O. N.<br>//STAL'//<br>00/00/1976,V----,N0012, PP 1096-1097<br>TECHNOLOGY FOR THE FLAME GUNITING OF CONVERTERS<br>AND ITS ORGANIZATION<br>BISI 15568  | # | 000000087459 |
| KISELEVA, S. A.<br>//STAL'//<br>00/00/1976,V----,N0012, PP 1098-1100<br>SIXTH PLENARY SESSION OF THE SEMINAR ON STEEL<br>AND NON-METALLIC INCLUSIONS<br>#BISI 15620  | # | 000000750073 |
| DANILIN, V. V.<br>//STAL'//<br>00/00/1976,V----,N0012, PP 1101-1103<br>INVESTIGATION OF THE PHASE OF TITANIUM<br>CALCIUM ALLOYS<br>BISI 15569  | # | 000000078070 |
| TRETYAKOV, A. V.<br>//STAL'//<br>00/00/1976,V----,N0012, PP 1108-1110<br>THE RESISTANCE TO DEFORMATION OF METALS AND<br>ALLOYS IN HOT AND COLD ROLLING<br>BISI 15570   | # | 000000087734 |

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| <p>KSHINZUK, F. A.<br/> //STAL'//<br/> 00/00/1976,V----,N0012, PP 1111-1112<br/> NEW TECHNOLOGY FOR PRODUCING HIGH-STRENGTH<br/> WRAPPING TAPE<br/> #BISI 15571</p>  | 000000011910 |
| <p>CHARIKHOV, L. A.<br/> //STAL'//<br/> 00/00/1976,V----,N0012, PP 1112-1113<br/> OPERATION OF FORCE MEASURING GAUGES ON A L700<br/> HOT-ROLLING MILL<br/> BISI 15572</p>  | 000000087467 |
| <p>RYABOV, V. G.<br/> //STAL'//<br/> 00/00/1976,V----,N0012, PP 1113-1115<br/> CALCULATION OF THE WIDTH OF SEMI-PRODUCTION FOR<br/> PROFILING<br/> BISI-15573</p>  | 000000011840 |
| <p>SAFYANOV, A. V.<br/> //STAL'//<br/> 00/00/1976,V----,N0012, PP 1115-1117<br/> IMPROVEMENT IN THE PIERCING OF TUBE BILLET IN NON<br/> STABLE-STATE CONDITIONS<br/> BISI 15574</p>  | 000000087447 |
| <p>ZHUK, N. P.<br/> //STAL'//<br/> 00/00/1976,V----,N0012, PP 1121-1123<br/> PHOSPHATING STEEL WIRE FOR DRAWING<br/> BISI 15575</p>  | 000000087449 |
| <p>GLOYANENKO, S. A.<br/> //STAL'//<br/> 00/00/1976,V----,N0012, PP 1128-1130<br/> METHODS OF IMPROVING THE CORROSION RESISTANCE OF<br/> FERROUS METALS AND LENGTHENING THEIR LIVES AT<br/> WORKS UNDER THE USSR MINISTRY OF FERROUS<br/> METALLURGY<br/> BISI 15577</p> | 000000087809 |
| <p>GLOYANENKO, S. A.<br/> //STAL'//<br/> 00/00/1976,V----,N0012, PP 1128-1130<br/> METHODS OF IMPROVING THE CORROSION RESISTANCE<br/> OF FERROUS METALS AND LENGTHENING THEIR LIVES<br/> AT WORKS UNDER THE USSR MINISTRY OF FERROUS<br/> METALLURGY<br/> BISI 15577</p> | 000000247280 |
| <p>VITKIN, A. I.<br/> //STAL'//<br/> 00/00/1976,V----,N0012, PP 1134-1136<br/> ELECTROCHEMICAL PROPERTIES AND PHASE COMPOSITION<br/> OF A ZINC COATING WITH JET AND ROLLER REGULATION<br/> #BISI 15578</p>   | 000000011917 |
| <p>VITKIN, A. I.<br/> //STAL'//<br/> 00/00/1976,V----,N0012, PP 1134-1136<br/> ELECTRICAL PROPERTIES AND PHASE COMPOSITION OF<br/> A ZINC COATING WITH JET AND ROLLER REGULATION</p>   | 000000123593 |

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| BTST 15578   | # |              |
| YUNAKOVA, I. V.<br>//STAL'//<br>00/00/1976,V----,N0012, PP 1136-1137<br>EFFECTS OF THE NATURE OF THE NON-METALLIC<br>INCLUSIONS IN STRUCTURAL STEEL ON ITS<br>RESISTANCE TO DEFORMATION AND FRACTURE<br>BISI 15579 | # | 000000103599 |
| PROKHOROV, V. I.<br>//STAL'//<br>00/00/1976,V----,N0012, PP 1142-1143<br>MATHEMATICAL MODELLING OF THE INDUCTION REHEATING<br>OF METAL BEFORE ROLLING<br>BISI 15580  | # | 000000087456 |
| ARKHIREYEVA, S. I.<br>//STAL'//<br>00/00/1976,V----,N0012, PP 1143-1145<br>THE AERODYNAMICS IN A CONTINUOUS FURNACE FOR<br>NON-OXIDIZING HEATING<br>BISI 15581   | # | 000000083804 |
| MELIKHOV, V. G.<br>//STAL'//<br>00/00/1976,V----,N0012, PP 1145-1146<br>THERMAL REGIME OF CONVERTER WASTE-HEAT BOILERS<br>WITH COMPLETE COMBUSTION OF CARBON MONOXIDE<br>BISI 15582                                | # | 000000087463 |
| KOBYZEV, V. K.<br>//STAL'//<br>00/00/1976,V---,N0002, PP 0146-0149<br>RADICAL IMPROVEMENT IN RAIL ROLLING TECHNIQUE<br>BISI 14379  | # | 000000067225 |
| RIZOL', A. I.<br>//STAL'//<br>00/00/1976,V---,N0011, PP 1024-1027<br>EFFECT OF THE DEFORMATION CONDITIONS DURING<br>PIERCING ON THE RESISTANCE OF KH25T STEEL TO<br>BRITTLE FRACTURE<br>BISI 15394                 | # | 000000129411 |
| RIZOL', A. I.<br>//STAL'//<br>00/00/1976,V---,N0011, PP 1024-1027<br>EFFECT OF THE DEFORMATION CONDITIONS DURING<br>PIERCING ON THE RESISTANCE OF KH25T STEEL TO<br>BRITTLE FRACTURE<br>BISI 15394                 | # | 000000129920 |
| OZHIGANDY, V. S.<br>//STAL'//<br>00/00/1976,V0010,N----, PP 0877<br>THE VERKH-ISETSK IRON AND STEEL WORKS 250 YEARS<br>BLD M 25528 (BLD 5820.4F)   | # | 000000124916 |
| GERASIMOV, YU. V.<br>//STAL'//<br>00/00/1976,V0010,N----, PP 0909-0911<br>IMPROVEMENT IN HIGH-ALLOY STEEL MELTING<br>TECHNIQUES  | # | 000000150996 |

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| BTST 15256   |  |              |
| GUBERT, S. B.<br>//STAL//<br>00/01/1976,V----,N0001, PP 0003-0008<br>METALLURGICAL INSTITUTE ACHIEVEMENTS DETAILED 6 PP<br>GUO<br>JPRS L/5822  |  | 000000042596 |
| KAZANETS, I. P.<br>//STAL//<br>00/02/1976,V----,N0002, PP 0097-0102<br>FERROUS METALLURGY ACCOMPLISHMENTS, PROSPECTS<br>13 PP<br>GUO<br>JPRS L/5822  |  | 000000055870 |
| TRISHEVSKIY, Y. S.<br>//STAL//<br>00/02/1976,V----,N0002, PP 0149-0152<br>NEW TECHNOLOGY FOR THE PRODUCTION OF BENT SHAPES<br>FROM STEEL OF INCREASED AND HIGH STRENGTH 10 PP<br>GUO COPYRIGHT INFO REFER OTHER REQUEST TO<br>FTD/STINFO<br>FTD-IDIRSI-T-0994-77 |  | 000000081255 |
| PETRIKEYEY, V. I.<br>//STAL//<br>00/04/1976,V----,N0004, PP 0289-0292<br>ENVIRONMENTAL MEASURES TAKEN BY FERROUS<br>METALLURGY INDUSTRY 9 PP<br>GUO<br>JPRS L/6059   |  | 000000051442 |
| VINOGRADOV, V. M.<br>//STAL//<br>00/05/1976,V----,N0005, PP 0385-0388<br>AUTOMATION IN FERROUS METALLURGY 8 PP<br>GUO<br>JPRS L/6128   |  | 000000068395 |
| BYCHKOV, V. S.<br>//STAL//<br>00/09/1976,V----,N0009, PP 0777-0779<br>VARIOUS LAGS IN FERROUS METAL PRODUCTION DESCRIBED<br>5 PP<br>GUO<br>JPRS L/6559   |  | 000000056290 |
| CHUYKO, N. M.<br>//STAL//<br>00/00/1977,V----,N----, PP 0021-0022<br>ON THE PROBLEM OF HYDROGEN'S BEHAVIOR DURING<br>ELECTROSLAG REMELTING, 5 PAGES<br>GUO COPYRIGHT INFO REFER OTHERS TO FTD/STINFO<br>FTD-IDIRSI-T-0671-78                                     |  | 000000124298 |
| ZHEREBIN, B. N.<br>//STAL//<br>00/00/1977,V----,N----, PP 0595-0599<br>BLAST-FURNACE SMELTING OF PELLETS WITH THE<br>USE OF LISAKOVKA RAW MATERIALS<br>BTST 16420  |  | 000000130120 |

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| <p>SHEPA, E. D.<br/> //STAL'//<br/> 00/00/1977,V----,N00004, PP 0304-0306<br/> SPECIAL FEATURE OF THE DYNAMICS OF A<br/> DISCVALVE DRIVE ON BLAST-FURNACES CHARGING<br/> GEAR.<br/> BISI 16070</p>                 | 000000108294 |
| <p>RAKOYSKIY, B. M.<br/> //STAL'//<br/> 00/00/1977,V----,N0001, PP 0006-0009<br/> CALCULATION OF LIMITING VOLUME AND BLAST<br/> CONSUMPTION IN VERY LARGE BLAST FURNACES<br/> BISI 15690</p>                       | 000000088911 |
| <p>RAMM, A. M.<br/> //STAL'//<br/> 00/00/1977,V----,N0001, PP 0009-0013<br/> INDIRECT REDUCTION AND CARBON CONSUMPTION<br/> IN BLAST-FURNACE OPERATION<br/> BISI 15691</p>   | 000000087475 |
| <p>MEYASOV, A. G.<br/> //STAL'//<br/> 00/00/1977,V----,N0001, PP 0013-0016<br/> INFLUENCE OF THE REDUCIBILITY OF IRON-ORE FEED<br/> ON COKE CONSUMPTION IN BLAST-FURNACE OPERATION<br/> BISI 15692</p>             | 000000083831 |
| <p>SUKHORUKOV, A. E.<br/> //STAL'//<br/> 00/00/1977,V----,N0001, PP 0019-0020<br/> IMPROVING THE METAL STRUCTURES OF BLAST FURNACES<br/> AND HOT BLAST STOVES TO MAKE THEM MORE RELIABLE<br/> BISI 15693</p>       | 000000147520 |
| <p>SHNEEROV, YA. A.<br/> //STAL'//<br/> 00/00/1977,V----,N0001, PP 0024-0028<br/> DEVELOPING STEELMAKING IN BASIC OXYGEN FURNACES<br/> AND OPEN HEARTH FURNACES<br/> BISI 15694</p>                                | 000000087126 |
| <p>KUDRYAVAYA, N. A.<br/> //STAL'//<br/> 00/00/1977,V----,N0001, PP 0034-0036<br/> RESEARCH INTO THE TEMPERATURE FIELD IN THE<br/> LINING OF THE ROOF OF A TWIN-BATH STEELMELTING<br/> FURNACE<br/> BISI 15695</p> | 000000083834 |
| <p>MANDY, V. M.<br/> //STAL'//<br/> 00/00/1977,V----,N0001, PP 0036-0037<br/> ASSESSMENT OF THE STRENGTH RELIABILITY OF THE<br/> TRUNNIONS OF LARGE-CAPACITY STEEL-CASTING LADLES<br/> BISI 15696</p>              | 000000087145 |
| <p>MOVCHAN, V. I.<br/> //STAL'//<br/> 00/00/1977,V----,N0001, PP 0044-0045<br/> EFFECT OF ALLOYING ON THE SERVICE CHARACTERISTICS<br/> OF INGOT MOULDS FOR THE MACHINE CASTING OF<br/> FERROALLOYS</p>             | 000000086736 |

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| <p>BISI 15697</p> <p>ANAN'EVSKIY, M. G.<br/> //STAL'//<br/> 00/00/1977,V----,N0001, PP 0046-0049<br/> IMPROVING THE QUALITY AND RANGE OF SECTION<br/> ROLLED PRODUCT<br/> BISI 15698</p>  | 0 | 00000095056  |
| <p>MELESHKOY, V. I.<br/> //STAL'//<br/> 00/00/1977,V----,N0001, PP 0049-0055<br/> THE RATIONAL TECHNICAL CHARACTERISTICS OF WIDE<br/> HOT-STRIP MILLS<br/> BISI 15699</p>   | 0 | 00000087468  |
| <p>RUDNITSKIY, YE.<br/> //STAL'//<br/> 00/00/1977,V----,N0001, PP 0058-0059<br/> DEVELOPMENT IN THE CASTING OF WORK ROLLS FOR A<br/> HEAVY-GUAGE SHEET 3600 MILL<br/> BISI 15700</p>  | 0 | 00000083833  |
| <p>ARANDVICH, A. V.<br/> //STAL'//<br/> 00/00/1977,V----,N0001, PP 0063-0067<br/> DETERMINING THE RESISTANCE OF THE METAL TO<br/> PLASTIC DEFORMATION WHEN TUBES ARE DRAWN WITHOUT<br/> A MANDREL<br/> BISI 15701</p>               | 0 | 00000088992  |
| <p>VAL'KOV, V. A.<br/> //STAL'//<br/> 00/00/1977,V----,N0001, PP 0069-0071<br/> A METHOD OF DETERMINING THE MAIN STRUCTURAL<br/> PARAMETERS OF INDUSTRIAL APPARATUS FOR THE<br/> VIBRATION PICKLING OF WIRE ROD<br/> BISI 15703</p> | 0 | 00000088986  |
| <p>UZLOY, I. G.<br/> //STAL'//<br/> 00/00/1977,V----,N0001, PP 0072-0074<br/> ALLOY STEELS FOR THE PRODUCTION OF SOLID RAIL<br/> WAY WHEELS<br/> BISI 15704</p>   | 0 | 00000083798  |
| <p>UZLOY, I. G.<br/> //STAL'//<br/> 00/00/1977,V----,N0001, PP 0072-0074<br/> ALLOY STEELS FOR THE PRODUCTION OF SOLID RAIL<br/> WAY WHEELS<br/> BISI 15704</p>   | 0 | 00000089075  |
| <p>VILLYAMS, O. S.<br/> //STAL'//<br/> 00/00/1977,V----,N0001, PP 0077-0079<br/> INCREASING THE WORKABILITY OF BOILER TUBES OF<br/> TYPE KH18N12T STEEL<br/> BISI 15705</p>   | 0 | 000000118515 |
| <p>VIL'YAMS, O. S.<br/> //STAL'//<br/> 00/00/1977,V----,N0001, PP 0077-0079<br/> INCREASING THE WORKABILITY OF BOILER TUBES OF</p>  | 0 | 000000133849 |

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| KHIBINTY STEEL<br>BISI 15705  | # |              |
| TALOV, N. P.<br>//STAL'//<br>00/00/1977,V----,N0001, PP 0079-0081<br>INFLUENCE OF STRUCTURAL FEATURES ON THE DUCTILITY<br>OF OBKH18T1 FERRITIC STEEL<br>BISI 15706                                      | # | 000000'18522 |
| TALOV, N. P.<br>//STAL'//<br>00/00/1977,V----,N0001, PP 0079-0081<br>INFLUENCE OF STRUCTURAL FEATURES ON THE DUCTILITY<br>OF OBKH18T1 FERRITIC STEEL<br>BISI 15705                                      | # | 000000'33850 |
| FREIDENZON, M. E.<br>//STAL'//<br>00/00/1977,V----,N0001, PP 0082-0084<br>INTEGRATED EVALUATION OF THE QUALITY OF<br>ROLLED STOCK<br>#BISI 15707  | # | 000000'77356 |
| FREIDENZON, M. E.<br>//STAL'//<br>00/00/1977,V----,N0001, PP 0082-0084<br>INTEGRATED EVALUATION OF THE QUALITY OF ROLLED<br>STOCK<br>BISI 15707   | # | 000000'95052 |
| LIVSHITS, P. S.<br>//STAL'//<br>00/00/1977,V----,N0001, PP 0089-0091<br>INCREASING THE RELIABILITY IN SERVICE OF ELECTRIC<br>DRIVES OF ROLLING PRODUCTION<br>BISI 15708                                 | # | 000000'88988 |
| LEMPITSKIY, V. V.<br>//STAL'//<br>00/00/1977,V----,N0002, PP 0097-0100<br>INTRODUCTION OF NEW TECHNIQUES IN FERROUS<br>METALLURGY 8 PP<br>GUO<br>JPRS L/7068  | # | 000000'64304 |
| AYDONINA, M. P.<br>//STAL'//<br>00/00/1977,V----,N0002, PP 0104-0107<br>DEVELOPMENT OF MINERAL-FORMATION PROCESSES<br>DURING FIRING OF KACHKANAR MINING-BENEFICIA<br>TION COMBINE PELLETS<br>BISI 15854 | # | 000000'91861 |
| PAVLENKO, B. A.<br>//STAL'//<br>00/00/1977,V----,N0002, PP 0112-0113<br>INVESTIGATING THE OPERATING OF A LK 35 E2TM<br>BELL WINCH<br>BISI 15855   | # | 000000'91862 |
| PAVLENKO, B. A.<br>//STAL'//<br>00/00/1977,V----,N0002, PP 0112-0113  | # | 000000'03636 |



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| INVESTIGATING THE OPERATING OF A LK-95-EZYM BELL<br>WINCH<br>BISI 15855  | # |              |
| KOTOV, A. P.<br>//STAL//<br>00/00/1977,V----,N0002, PP 0114-0116<br>ROLE OF THE ROTATING DISTRIBUTOR ON CONTROLLING<br>PERIPHERAL DISTRIBUTION OF GAS AND CHANGE IN<br>THE FURNACE<br>BISI 15856                                 | # | 00000091851  |
| GENKIN, V. YA.<br>//STAL//<br>00/00/1977,V----,N0002, PP 0121-0124<br>CONTINUOUSLY-CAST BILLETS FOR THE PRODUCTION<br>OF UNIT-ROLLED RAILROAD WHEELS<br>BISI 15857   | # | 00000091852  |
| ITSKOVICH, G. M.<br>//STAL//<br>00/00/1977,V----,N0002, PP 0125-0130<br>THE USE OF RARE EARTH METALS TO CONTROL THE<br>COMPOSITION AND MORPHOLOGY OF NON-METALLIC<br>INCLUSIONS IN STEEL DEOXIDIZED WITH ALUMINIUM<br>BISI 15858 | # | 00000091853  |
| KULTYGINA, L. N.<br>//STAL//<br>00/00/1977,V----,N0002, PP 0135-0136<br>BEHAVIOR OF NITROGEN WHEN MELTING STEEL IN<br>ARC FURNACES<br>BISI 15859   | # | 00000091854  |
| LOGANOV, M. I.<br>//STAL//<br>00/00/1977,V----,N0002, PP 0137<br>DECARBURIZATION OF A MELT CONTAINING CHROMIUM<br>BISI 15860   | # | 00000091855  |
| LOGANOV, M. I.<br>//STAL//<br>00/00/1977,V----,N0002, PP 0137<br>DECARBURIZATION OF A MELT CONTAINING CHROMIUM<br>BISI 15860   | # | 000000103269 |
| GASIK, M. I.<br>//STAL//<br>00/00/1977,V----,N0002, PP 0138-0140<br>INTENSIFICATION OF THE LOW-PHOSPHORUS CARBON<br>FERROMANGANESE PROCESS<br>BISI 15861   | # | 00000091856  |
| GASIK, M. I.<br>//STAL//<br>00/00/1977,V----,N0002, PP 0138-0140<br>INTENSIFICATION OF THE LOW-PHOSPHORUS CARBON<br>FERROMANGANESE MELTING PROCESS<br>BISI 15861   | # | 000000101901 |
| SAGOMADZE, D. I.<br>//STAL//<br>00/00/1977,V----,N0002, PP 0140-0141<br>PRODUCTION OF COMPLEX ALLOYS FROM RARE EARTH   | # | 000000103637 |

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| METALS   |   |              |
| BISI 15862   | # |              |
| OGAN'YAN, YA. P.                                   |   | 00000099263  |
| //STAL'//  |   |              |
| 00/00/1977,V----,N0002, PP 0142-0144               |   |              |
| THE PROBLEM OF SPECIALIZATION OF CONTINUOUS        |   |              |
| SHEET MILLS  |   |              |
| BISI 15863   | # |              |
| MEEROVICH, M.                                      |   | 00000099264  |
| //STAL'//  |   |              |
| 00/00/1977,V----,N0002, PP 0151-0155               |   |              |
| INVESTIGATION OF A 2000 CONTINUOUS WIDE            |   |              |
| STRIP MILL   |   |              |
| BISI 15864   | # |              |
| GONCHAROV, V. N.                                   |   | 00000099265  |
| //STAL'//  |   |              |
| 00/00/1977,V----,N0002, PP 0156-0157               |   |              |
| FATIGUE CRACK INITIATION AND DEVELOPMENT IN        |   |              |
| STEELS FOR HOT METAL CUTTING SHEAR                 |   |              |
| BISI 15865   | # |              |
| GONCHAROV, V. N.                                   |   | 000000115066 |
| //STAL'//  |   |              |
| 00/00/1977,V----,N0002, PP 0156-0157               |   |              |
| FATIGUE CRACK INITIATION AND DEVELOPMENT IN STEELS |   |              |
| FOR HOT METAL CUTTING SHEAR                        |   |              |
| BISI 15865   | # |              |
| POKATILOV, YU. P.                                  |   | 00000099266  |
| //STAL'//  |   |              |
| 00/00/1977,V----,N0002, PP 0157-0158               |   |              |
| MECHANISM FOR INSPECTING THE END CURVATURES        |   |              |
| OF RAILS DURING STRAIGHTENING ON A PRESS           |   |              |
| BISI 15866   | # |              |
| POKATILOV, YU. P.                                  |   | 000000118518 |
| //STAL'//  |   |              |
| 00/00/1977,V----,N0002, PP 0157-0158               |   |              |
| MECHANISM FOR INSPECTING THE END CURVATURES OF     |   |              |
| RAILS DURING STRAIGHTENING ON A PRESS              |   |              |
| BISI 15866   | # |              |
| LYAPUNOV, A. I.                                    |   | 00000099267  |
| //STAL'//  |   |              |
| 00/00/1977,V----,N0002, PP 0162-0163               |   |              |
| PRODUCTION OF WELDED TUBES FROM THE ALLOY          |   |              |
| KHM45YU  |   |              |
| BISI 15867   | # |              |
| LYAPUNOV, A. I.                                    |   | 000000118514 |
| //STAL'//  |   |              |
| 00/00/1977,V----,N0002, PP 0162-0163               |   |              |
| PRODUCTION OF WELDED TUBES FROM THE ALLOY          |   |              |
| KHM45YU  |   |              |
| BISI 15867   | # |              |
| BITKOV, V. V.                                      |   | 00000099268  |
| //STAL'//  |   |              |
| 00/00/1977,V----,N0002, PP 0165-0166               |   |              |
| EFFECT OF TECHNOLOGICAL FEATURES ON THE CONDI      |   |              |
| TIONS FOR LUBRICATIONS WHEN WIRE IS DRAWN          |   |              |

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| UNDER HYDRODYNAMIC CONDITIONS<br>BISI 15868  | # |              |
| BITKOV, V. V.<br>//STAL'//<br>00/00/1977, V----, N0002, PP 0165-0166<br>EFFECTS OF TECHNOLOGICAL FEATURES ON THE CONDI-<br>TIONS FOR LUBRICATION WHEN WIRE IS DRAWN UNDER<br>HYDRODYNAMIC CONDITIONS<br>BISI 15868 | # | 00000018516  |
| KALMYKOV, V. V.<br>//STAL'//<br>00/00/1977, V----, N0002, PP 0175-0177<br>INVESTIGATION OF THE PROPERTIES OF QUENCHED AND<br>TEMPERED REINFORCING ROD IN DIFFERENT CONDITIONS<br>OF TESTING<br>#BISI 15869         | # | 000000092592 |
| SHKHOV, I. I.<br>//STAL'//<br>00/00/1977, V----, N0002, PP 0183-0184<br>A RATIONAL SCHEDULE FOR HEATING UP SOAKING PIT<br>LININGS OF DINAS REFRACTORY CONCRETE<br>#BISI 15870                                      | # | 000000092593 |
| TREGUBOV, V. V.<br>//STAL'//<br>00/00/1977, V----, N0002, PP 0184-0185<br>INVESTIGATION OF THE HEATING OF LOOSEMED COILS<br>IN SINGLE-STACK BELL-TYPE FURNACES<br>#BISI 15871                                      | # | 000000098482 |
| ZHURAVLEV, F. M.<br>//STAL'//<br>00/00/1977, V----, N0003, PP 0197-0200<br>INFLUENCE OF THE GANGUE MINERAL COMPOSITION OF A<br>CONCENTRATE ON PELLET QUALITY INDICES<br>BISI 15950                                 | # | 000000101493 |
| KALUGIN, YA. P.<br>//STAL'//<br>00/00/1977, V----, N0003, PP 0209-0210<br>INVESTIGATION OF PULSATIOMS IN THE HOT-BLAST<br>STOVES OF A 3200 M3 BLAST FURNACE<br>BISI 15951  | # | 000000147521 |
| YAVOISKIY, V. I.<br>//STAL'//<br>00/00/1977, V----, N0003, PP 0214-0217<br>FACTORS AFFECTING SECONDARY OXIDATION OF STEEL<br>IN A MULTI-STRAND BILLET CASTER<br>BISI 15952   | # | 000000101487 |
| SHCHERBINA, N. V.<br>//STAL'//<br>00/00/1977, V----, N0003, PP 0223-0225<br>RATIONAL MELTING PRACTICE FOR THE PRODUCTION<br>OF SHKH15 BALL-BEARING STEEL<br>BISI 15953   | # | 000000101485 |
| TSKITISHVILI, A. A.<br>//STAL'//<br>00/00/1977, V----, N0003, PP 0225-0227   | # | 000000094549 |

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| CARBON FERROMANGANESE PRODUCTION EMPLOYING A MEDIUM-CARBON FERROMANGANESE SLAG<br>#BISI 15954  | 0 | 00000094550  |
| STETSENKO, N. V.<br>//STAL'//<br>00/00/1977,V----,N0003, PP 0230-0231<br>DEVELOPMENT OF TECHNIQUE FOR THE TREATMENT OF D122 AND D123 ALLOY TOOL STEEL INGOTS<br>#BISI 15955                                    | 0 |              |
| LUBYANITSKIY, G. D.<br>//STAL'//<br>00/00/1977,V----,N0003, PP 0231-0236<br>EFFECT OF CONSTRUCTIONAL TECHNOLOGICAL METHODS ON THE POWER EFFECTIVENESS OF ULTRASONIC EQUIPMENT FOR CLEANING STRIP<br>BISI 15956 | 0 | 000000101475 |
| KRIVESHYEY, A. E.<br>//STAL'//<br>00/00/1977,V----,N0003, PP 0241-0242<br>EFFECT OF SOLIDIFICATION CONDITIONS ON THE FORMATION OF SHRINKAGE DEFECTS IN CAST IRON MILL ROLLS<br>#BISI 15957                     | 0 | 00000094554  |
| OSADA, YA. E.<br>//STAL'//<br>00/00/1977,V----,N0003, PP 0244-0247<br>DEVELOPMENT OF THE PRODUCTION OF COLD ROLLED TUBE ON KNP1 250 MILLS<br>BISI 15958  | 0 | 000000101483 |
| GIMAZETDINOV, R. F.<br>//STAL'//<br>00/00/1977,V----,N0003, PP 0254-255<br>PRODUCTION AND USE OF STEEL CABLES WITH A POLYPROPYLENE CORE<br>BISI 15960  | 0 | 000000101495 |
| PARUSOV, V. V.<br>//STAL'//<br>00/00/1977,V----,N0003, PP 0259-0163<br>RAPID COOLING AND SECONDARY PROCESSING OF SAKH15 STEEL ROD<br>BISI 15961  | 0 | 000000101480 |
| KRYLOV, M. I.<br>//STAL'//<br>00/00/1977,V----,N0003, PP 0263-0265<br>CHROME-VANADIUM STEELS FOR HOT CUTTING SAW DISCS RUN WITH INCREASED FEED RATES<br>BISI 15962   | 0 | 000000101474 |
| ZIKOV, B. A.<br>//STAL'//<br>00/00/1977,V----,N0003, PP 0268-0273<br>MANUAL LABOUR ELIMINATED BY IMPROVING TECHNOLOGIES ORGANIZATION OF PRODUCTION, AND EQUIPMENT<br>BISI 15963                                | 0 | 000000101477 |
| ZASTAVENKO, V. I.  | 0 | 00000094561  |

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| <p>//STAL'//<br/>                     00/00/1977,V----,N0003, PP 0273-0274<br/>                     METHODS OF ASSESSING OBJECTIVELY THE ASSIMILATION<br/>                     OF ROLLING CAPACITY<br/>                     *BISI 15964</p>  | <p>00000010524</p>  |
| <p>YAROSLAVKII, D. I.<br/>                     //STAL'//<br/>                     00/00/1977,V----,N0003, PP 0277<br/>                     THE ELIMINATION OF SOOT ON THE SURFACE OF SHEETS<br/>                     IN THE BRIGHT ANNEALING OF COLD-ROLLED COILS IN<br/>                     BELL-TYPE FURNACES<br/>                     BISI 15965</p> | <p>000000094563</p> |
| <p>MYAGKIY, D. D.<br/>                     //STAL'//<br/>                     00/00/1977,V----,N0003, PP 0278-0281<br/>                     PREVENTING CARBONATE DEPOSITS IN PLANT AND<br/>                     PIPING FOR WET GAS CLEANING IN OXYGEN CONVERTER<br/>                     SHOPS<br/>                     *BISI 15966</p>                  | <p>000000116345</p> |
| <p>KHOLODNYI, V. A.<br/>                     //STAL'//<br/>                     00/00/1977,V----,N0003, PP 0281-0282<br/>                     USE OF MAGNETIC FLOCCULATION IN THE PURIFICATION<br/>                     OF ROLLING-MILL WASTE WATER<br/>                     BISI 15967</p>  | <p>00000013648</p>  |
| <p>YEGICHEV, A. P.<br/>                     //STAL'//<br/>                     00/00/1977,V----,N0004, PP 0289-0291<br/>                     POWER SUPPLY FOR THE FERROUS METALLURGICAL INDUSTRY<br/>                     6 PP<br/>                     GUD<br/>                     JPRS L/7208</p>   | <p>000000101814</p> |
| <p>MANCHINSKII, V. G.<br/>                     //STAL'//<br/>                     00/00/1977,V----,N0004, PP 0298-0300<br/>                     VOLUME CHANGE OF SINTER DURING REDUCTION<br/>                     *BISI 16068</p>  | <p>000000108203</p> |
| <p>ZHILO, N. L.<br/>                     //STAL'//<br/>                     00/00/1977,V----,N0004, PP 0300-0304<br/>                     REASONS FOR FASTER WEAR OF BLAST-FURNACE LINING<br/>                     AND COOLERS AT MMK<br/>                     BISI 16069</p>  | <p>000000108293</p> |
| <p>ZHILO, N. L.<br/>                     //STAL'//<br/>                     00/00/1977,V----,N0004, PP 0300-0304<br/>                     REASONS FOR FASTER WEAR OF BLAST-FURNACES<br/>                     LINING AND COOLERS AT MMK<br/>                     BISI 16069</p>   | <p>000000108205</p> |
| <p>SHEPA, E. D.<br/>                     //STAL'//<br/>                     00/00/1977,V----,N0004, PP 0304-0306<br/>                     SPECIAL FEATURES OF THE DYNAMICS OF A DISCVOLVE<br/>                     DRIVE ON BLAST-FURNACE CHARGING GEAR<br/>                     BISI 16070</p>  | <p></p>             |

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| <p>BULGAROV, V. P.<br/> //STAL'//<br/> 00/00/1977,V----,N0004, PP 0312-0317<br/> THE EFFECT OF DEFORMATION OF A CONTINUOUSLY<br/> CAST CURVED STRAND IN THE PINCH ROLLS ON THE<br/> QUALITY OF TUBE BILLET<br/> #BISI 16071</p> | # | 000000*018*9  |
| <p>ASTROV, E. I.<br/> //STAL'//<br/> 00/00/1977,V----,N0004, PP 0320-0323<br/> THE EFFECT OF RARE EARTH METALS ON THE QUALITY<br/> OF CONTINUOUSLY CAST STRANDS<br/> #BISI 16072</p>  | # | 000000*018*8  |
| <p>ROMENETS, V. A.<br/> //STAL'//<br/> 00/00/1977,V----,N0004, PP 0323-0326<br/> ECONOMIC ANALYSIS OF DEVELOPMENT TRENDS IN<br/> STEEL PRODUCTION<br/> #BISI 16073</p>  | # | 000000*018*9  |
| <p>ROMENETS, V. A.<br/> //STAL'//<br/> 00/00/1977,V----,N0004, PP 0323-0326<br/> ECONOMIC ALAYSIS OF DEVELOPMENT TRENDS IN<br/> STEEL PRODUCTION.<br/> BISI 16073</p>   | # | 000000*0830*  |
| <p>ROMENETS, V. A.<br/> //STAL'//<br/> 00/00/1977,V----,N0004, PP 0323-0326<br/> ECONOMIC ANALYSIS OF DEVELOPMENT TRENDS IN STEEL<br/> PRODUCTION<br/> BISI 16073</p>   | # | 000000*081*9* |
| <p>KRAYCHENKO, V. A.<br/> //STAL'//<br/> 00/00/1977,V----,N0004, PP 0331-0335<br/> DEVELOPMENT OF AN INDUSTRIAL TECHNOLOGY<br/> FOR SMELTING SILICOMANGANESE WITH THE USE OF<br/> SCHUNGITE ROCK.<br/> BISI 16074</p>           | # | 000000*08302  |
| <p>KRAYCHENKO, V. A.<br/> //STAL'//<br/> 00/00/1977,V----,N0004, PP 0331-0335<br/> DEVELOPMENT OF AN INDUSTRIAL TECHNOLOGY FOR SMELT<br/> ING SILICOMANGANESE WITH THE USE OF SCHUNGITE ROCK<br/> BISI 16074</p>                | # | 000000*08208  |
| <p>LEYCHENKO, G. V.<br/> //STAL'//<br/> 00/00/1977,V----,N0004, PP 0336-0337<br/> RESISTANCE TO DEFORMATION OF TYPE 15GYUT STEEL<br/> BISI 16075</p>  | # | 000000*081*7* |
| <p>PRUDKOV, M. L.<br/> //STAL'//<br/> 00/00/1977,V----,N0004, PP 0340-0343<br/> RAISING THE PRODUCTIVITY OF PROFILE BENDING<br/> UNITS<br/> #BISI 16076</p>   | # | 000000*01822  |

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| VORONYSOV, N. M.<br>//STAL'//<br>00/00/1977,V----,N0004, PP 0344-0346<br>USE OF A HYPEREUTECTOID STEEL FOR CAST HOT<br>ROLLING ROLLS<br>*BISI 16077  | # | 000000101823 |
| NIKOLAYEVA, N. D.<br>//STAL'//<br>00/00/1977,V----,N0004, PP 0347<br>EFFECT OF DEGREASING ON THE ADHESION PROPERTIES<br>OF A PLASTIC CLAD METAL<br>*BISI 16078                                 | # | 000000101824 |
| DANCHENKO, V. N.<br>//STAL'//<br>00/00/1977,V----,N0004, PP 0349-0350<br>CONTROLLING THE RATE SCHEDULES OF A CONTINUOUS<br>MANDREL MILL<br>BISI 16079  | # | 000000108189 |
| DANCHENKO, V. N.<br>//STAL'//<br>00/00/1977,V----,N0004, PP 0349-0350<br>CONTROLLING THE RATE SCHEDULES OF A<br>CONTINUOUS MANDREL MILL<br>BISI 16079  | # | 000000108299 |
| NIKIFOROV, B. A.<br>//STAL'//<br>00/00/1977,V----,N0004, PP 0352-0354<br>RESIDUAL STRESSES AFTER SYMMETRICAL ROLLING<br>IN FOUR-HIGH MILLS.<br>BISI 16080                                      | # | 000000108298 |
| NIKIFOROV, B. A.<br>//STAL'//<br>00/00/1977,V----,N0004, PP 0352-0354<br>RESIDUAL STRESSES AFTER SYMMETRICAL ROLLING IN<br>FOUR-HIGH MILLS<br>BISI 16080                                       | # | 000000108192 |
| GEORGIYEV, M. N.<br>//STAL'//<br>00/00/1977,V----,N0004, PP 0359-0362<br>BRITTLE FRACTURE RESISTANCE OF STEELS ST3SP<br>AND 18GPS<br>*BISI 16081   | # | 000000101827 |
| BALAKHOVSKAYA, M. B.<br>//STAL'//<br>00/00/1977,V----,N0004, PP 0362-0363<br>INVESTIGATION OF THE RATES OF CHANGE OF MECHANICAL<br>PROPERTIES IN ST3 STEEL AFTER HIGH-TEMP AGING<br>BISI 16082 | # | 000000108119 |
| DUBROV, N. F.<br>//STAL'//<br>00/00/1977,V----,N0004, PP 0368-0371<br>ECONOMIC EFFECTIVENESS OF PRODUCTION OF<br>ENAMELLED TUBES<br>*BISI 16083  | # | 000000101829 |
| DUBROV, N. F.  | # | 000000108190 |

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| //STAL'//<br>00/00/1977,V----,N0004, PP 0368-0371<br>ECONOMIC EFFECTIVENESS OF PRODUCTION OF ENAMELLED<br>TUBES<br>BISI 16083   | # | 000000'08300  |
| DUBROV, N. F.<br>//STAL'//<br>00/00/1977,V----,N0004, PP 0368-0371<br>ECONOMIC EFFECTIVENESS OF PRODUCTION OF<br>ENAMELLED TUBES.<br>BISI 16083                                       | # |               |
| GORSHKOV, YU. F.<br>//STAL'//<br>00/00/1977,V----,N0004, PP 0373-0374<br>THERMAL AND PHYSICAL PROPERTIES OF TIGHTLY<br>WOUND COILS OF STRIP.<br>BISI 16084                            | # | 000000'08286  |
| GORSHKOV, YU. F.<br>//STAL'//<br>00/00/1977,V----,N0004, PP 0373-0374<br>THERMAL AND PHYSICAL PROPERTIES OF TIGHTLY WOUND<br>COILS OF STRIP<br>BISI 16084                             | # | 000000'08183  |
| SHEYCHENKO, L. D.<br>//STAL'//<br>00/00/1977,V----,N0004, PP 0374-0375<br>RESEARCH INTO THE HEATING IN CONVEYOR FURNACES<br>BISI 16085  | # | 000000'08186  |
| SHEYCHENKO, L. D.<br>//STAL'//<br>00/00/1977,V----,N0004, PP 0374-0375<br>RESEARCH INTO THE HEATING IN CONVEYOR<br>FURNACES.<br>BISI 16085  | # | 000000'08289  |
| LOSKEYICH, B. V.<br>//STAL'//<br>00/00/1977,V----,N0004, PP 0375-0376<br>INTRODUCTION OF SYSTEMS OF AUTOMATIC OPTIMUM<br>CONTROL FOR HEATING FURNACES OF ROLLING MILLS<br>#BISI 16086 | # | 000000'08332  |
| LOSKEYICH, B. V.<br>//STAL'//<br>00/00/1977,V----,N0004, PP 0375-0376<br>INTRODUCTION OF SYSTEMS OF AUTOMATIC OPTIMUM<br>CONTROL FOR HEATING FURNACE OF ROLLING MILLS<br>BISI 16086   | # | 000000'047519 |
| RED'KO, N. M.<br>//STAL'//<br>00/00/1977,V----,N0004, PP 0376-0378<br>COMBATING CORROSION OF HIGH PRESSURE SCRUBBER<br>#BISI 16087  | # | 000000'08333  |
| FIEISHMAN, O. U.<br>//STAL'//<br>00/00/1977,V----,N0004, PP 0378-0380<br>EXPERIENCE OF EXPERIMENTAL RESEARCH INTO   | # | 000000'15147  |



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| <p>METALLURGICAL ELECTRICAL DRIVES.<br/>BISI 16088</p>   | # |               |
| <p>ZHEMBUS, M. D.<br/>//STAL'//<br/>00/00/1977,V----,N0005, PP 0388-0390<br/>IMPROVEMENT OF BLAST-FURNACE LINES<br/>BISI 16158</p>   | # | 000000'15069  |
| <p>AFANAS'YEV, YU. YA.<br/>//STAL'//<br/>00/00/1977,V----,N0005, PP 0397-0399<br/>NOMOGRAMS FOR INDICING THE DURATION OF BLAST-<br/>FURNACE HOT-BLAST-STOVE OPERATING CYCLES<br/>#BISI 16159</p>                     | # | 000000'03685  |
| <p>MAZOV, V. F.<br/>//STAL'//<br/>00/00/1977,V----,N0005, PP 0406-0407<br/>CYCLONE MELTING OF SYNTHETIC SLAGS FOR CONVERTER<br/>STEEL REFINING<br/>#BISI 16161</p>   | # | 000000'03649  |
| <p>MAZOV, V. F.<br/>//STAL'//<br/>00/00/1977,V----,N0005, PP 0406-0407<br/>CYCLONE MELTING OF SYNTHETIC SLAGS FOR CONVERTER<br/>STEEL REFINING<br/>BISI 16161</p>  | # | 000000'4'498  |
| <p>GINZBURG, B. I.<br/>//STAL'//<br/>00/00/1977,V----,N0005, PP 0408-0410<br/>ASSESSMENT OF THE TEMPERATURE FIELD IN AN<br/>UNCOOLED CONVERTER NOSE.<br/>BISI 16176</p>  | # | 000000'15'752 |
| <p>GINZBURG, B. I.<br/>//STAL'//<br/>00/00/1977,V----,N0005, PP 0408-0410<br/>ASSESSMENT OF THE TEMPERATURE FIELD IN AN<br/>UNCOOLED CONVERTER NOSE.<br/>BISI 16176</p>  | # | 000000'16287  |
| <p>GINZBURG, B. I.<br/>//STAL'//<br/>00/00/1977,V----,N0005, PP 0408-0410<br/>ASSESSMENT OF THE TEMPERATURE FIELD IN AN UNCOOL-<br/>ED CONVERTED NOSE<br/>BISI 16176</p>   | # | 000000'27'46  |
| <p>KAPUSTIN, E. A.<br/>//STAL'//<br/>00/00/1977,V----,N0005, PP 0418-0420<br/>HEAT AND MASS TRANSFER PROCESSES IN THE BATH OF<br/>STEELMAKING UNITS (FROM MATERIAL OF AN ALL-UNION<br/>CONFERENCE<br/>BISI 16162</p> | # | 000000'154'5  |
| <p>SMIRNOV, L. A.<br/>//STAL'//<br/>00/00/1977,V----,N0005, PP 0420-0421<br/>CONVERSION OF NATURALLY-ALLOYED AND PHOSPHORIC<br/>PIG IRONS (FROM MATERIAL OF AN ALL-UNION</p>   | # | 000000'30'23  |

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| CONFERENCE I.<br>BISI 16163  | # |               |
| MOSHKEVICH, E. I.<br>//STAL'//<br>00/00/1977,V----,N0005, PP 0422<br>DEVELOPMENT IN THE PRODUCTION OF HEAVY EP56SH<br>STEEL INGOTS<br>#BISI 16164  | # | 000000'03697  |
| MOSHKEVICH, E. I.<br>//STAL'//<br>00/00/1977,V----,N0005, PP 0422<br>DEVELOPMENT IN THE PRODUCTION OF HEAVY EP56SH<br>STEEL INGOTS<br>BISI 16164   | # | 000000'47488  |
| SINYAVSKII, A. F.<br>//STAL'//<br>00/00/1977,V----,N0005, PP 0424-0425<br>INVESTIGATION OF ALUMINIUM SECONDARY CIRCUIT<br>BUS-BARS FOR FERROALLOY FURNACES AFTER<br>PROLONGED SERVICE<br>BISI 16165  | # | 000000'47522  |
| SINYAVSKII, A. F.<br>//STAL'//<br>00/00/1977,V----,N0005, PP 0424-0427<br>INVESTIGATION OF ALUMINIUM SECONDARY CIRCUIT BUS<br>BARS FOR FERROALLOY FURNACES AFTER PROLONGED<br>SERVICE<br>#BISI 16165 | # | 000000'105270 |
| MAYAKIN, A. V.<br>//STAL'//<br>00/00/1977,V----,N0005, PP 0431-0433<br>MASTERING NEW ECONOMIC AUTOMOBIL RIM SECTIONS<br>#BISI 16166  | # | 000000'108210 |
| KULEK, YU. E.<br>//STAL'//<br>00/00/1977,V----,N0005, PP 0433-0434<br>INVESTIGATION OF THE TEMPERATURE CONDITION DURING<br>THE ROLLING OF SPRING STRIP<br>BISI 16167                                 | # | 000000'18513  |
| DEMIZHEV, I. V.<br>//STAL'//<br>00/00/1977,V----,N0005, PP 0435-0436<br>SINGLE-FORM ROLLING OF SYMMETRIC BULB BAR<br>SECTION<br>BISI 16168   | # | 000000'47485  |
| SOSHIN, P. I.<br>//STAL'//<br>00/00/1977,V----,N0005, PP 0441-0443<br>PRODUCTION OF SIZED LOW-ALLOY STEEL FOR COLD<br>UPSETTING<br>#BISI 16169   | # | 000000'103667 |
| SOSHIN, P. I.<br>//STAL'//<br>00/00/1977,V----,N0005, PP 0441-0443<br>PRODUCTION OF SIZED LOW-ALLOY STEEL FOR COLD   |   | 000000'137470 |

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| UPSETTING<br>BISI 16169  | # |               |
| DEREYANKO, V. I.<br>//STAL'//<br>00/00/1977,V----,N0005, PP 0444-0445<br>HARDENING OF HOT CIRCULAR SAW DISCS<br>#BISI 16170  | # | 000000'03642  |
| DEREYANKO, V. I.<br>//STAL'//<br>00/00/1977,V----,N0005, PP 0444-0445<br>HARDENING OF HOT CIRCULAR SAW DISCS<br>#BISI 16170  | # | 000000'08199  |
| DEREYANKO, V. I.<br>//STAL'//<br>00/00/1977,V----,N0005, PP 0444-0445<br>HARDENING OF HOT CIRCULAR SAW DISCS<br>BISI 16170   | # | 000000'21881  |
| GUBCHEVSKII, V. P.<br>//STAL'//<br>00/00/1977,V----,N0005, PP 0445-0448<br>INFLUENCE OF ALUMINIUM CONTENT AND HEAT TREATMENT<br>SCHEDULE ON THE TEXTURE AND PROPERTIES OF OBYU<br>STEEL<br>#BISI 16171         | # | 000000'08200  |
| KOCHETKOVA, T. N.<br>//STAL'//<br>00/00/1977,V----,N0005, PP 0448-0452<br>INFLUENCE OF THE DEGREE OF PRIOR COLD WORKING<br>DURING TUBE PRODUCTION OF THE HIGH-TEMP STRENGTH<br>OF 12KH1MF STEEL<br>#BISI 16172 | # | 000000'08198  |
| MAZOV, V. F.<br>//STAL'//<br>00/00/1977,V----,N0005, PP 0456-0458<br>MECHANIZATION AND AUTOMATION OF PRODUCTION<br>PROCESSES AT PETROVSK WORKS<br>#BISI 16173  | # | 000000'05211  |
| MAZOV, V. F.<br>//STAL'//<br>00/00/1977,V----,N0005, PP 0456-0458<br>MECHANIZATION AND AUTOMATION OF PRODUCTION<br>PROCESSES AT PETROVSK WORKS<br>#BISI 16173  | # | 000000'08197  |
| MAZOV, V. F.<br>//STAL'//<br>00/00/1977,V----,N0005, PP 0456-0458<br>MECHANIZATION AND AUTOMATION OF PRODUCTION PRO<br>CESSES AT PETROVSK WORKS<br>BISI 16173  | # | 000000'115412 |
| GALKON, D. P.<br>//STAL'//<br>00/00/1977,V----,N0005, PP 0464-0466<br>PREVENTION OF METAL OXIDATION WHEN ANNEALING<br>IN BELL-TYPE FURNACES<br>BISI 16174  | # | 000000'115750 |

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| <p>GALKIN, D. P.<br/> //STAL'//<br/> 00/00/1977,V----,N0005, PP 0464-0466<br/> PREVENTION OF METAL OXIDATION WHEN ANNEALING<br/> IN BELL-TYPE FURNACES.<br/> BISI 16174</p>   | 000000116329 |
| <p>VIL'NYANSKII, I. YA<br/> //STAL'//<br/> 00/00/1977,V----,N0005, PP 0466-0470<br/> COMPARATIVE EFFECTIVENESS OF BELL-FURNACE<br/> INNER COVERS<br/> BISI 16175</p>  | 000000115751 |
| <p>YEGORICHEV, A. P.<br/> //STAL'//<br/> 00/00/1977,V----,N0005, PP 0471-0472<br/> ENERGY RESERVES SOUGHT FOR FERROUS METALS INDUSTRY<br/> 5 PP<br/> GUO<br/> JPRS L/7394</p>   | 000000090721 |
| <p>PARSHAKOV, V. M.<br/> //STAL'//<br/> 00/00/1977,V----,N0006, PP 0490-0495<br/> DETERMINATION OF THE ECONOMICALLY ADVANTA-<br/> GEOUS BLAST TEMPERATURE INCREASE UNDER CON-<br/> CRETE BLAST FURNACE OPERATING CONDITION<br/> BISI 16339</p>                                | 000000116332 |
| <p>PARSHAKOV, V. M.<br/> //STAL'//<br/> 00/00/1977,V----,N0006, PP 0490-0495<br/> DETERMINATION OF THE ECONOMICALLY-ADVANTAGEOUS<br/> BLAST-TEMPERATURE INCREASE UNDER CONCRETE BLAST<br/> FURNACE OPERATING CONDITION.<br/> *BISI 16339</p>                                  | 000000116370 |
| <p>BURULEV, V. I.<br/> //STAL'//<br/> 00/00/1977,V----,N0006, PP 0495-0496<br/> USE OF SCREENS FROM STAMPED BARS FOR SCREENING<br/> FINELY-GROUND IRON ORES.<br/> BISI 16340</p>  | 000000116349 |
| <p>ITSKOVICH, G. M.<br/> //STAL'//<br/> 00/00/1977,V----,N0006, PP 0504-0509<br/> USE OF CALCIUM-BEARING ALLOYS AND COMPOUNDS FOR<br/> MODIFYING THE COMPOSITION AND MORPHOLOGY OF NON<br/> METALLIC INCLUSIONS IN STEEL DEOXIDIZED WITH<br/> ALUMINIUM.<br/> *BISI 16341</p> | 000000116371 |
| <p>ITSKOVICH, G. M.<br/> //STAL'//<br/> 00/00/1977,V----,N0006, PP 0504-0509<br/> USE OF CALCIUM-BEARING ALLOYS AND COMPOUNDS<br/> FOR MODIFYING THE COMPOSITION AND MORPHOLOGY<br/> OF NONMETALLIC INCLUSIONS IN STEEL DEOXIDIZED<br/> WITH ALUMINIUM.<br/> BISI 16341</p>   | 000000116338 |
| <p>DABCHENKO, I. N.</p>   | 000000115048 |

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| <p>//STAL'//<br/>                     00/00/1977,V----,N0006, PP 0510<br/>                     ORGANIZATION OF THE CALCULATION OF MOULD LIFE AND<br/>                     CONSUMPTION AT THE MAGNITOGORSK IRON AND STEEL<br/>                     COMBINE<br/>                     #BISI 16342</p>   | 000000'3011' |
| <p>DANCHENKO, I. N.<br/>                     //STAL'//<br/>                     00/00/1977,V----,N0006, PP 0510<br/>                     ORGANISATION OF THE CALCULATION OF MOULD LIFE<br/>                     AND CONSUMPTION AT THE MAGNITOGORSK IRON AND<br/>                     STEEL COMBINE.<br/>                     BISI 16342</p>         | 000000'1504' |
| <p>CHISTYAKOV, S. L.<br/>                     //STAL'//<br/>                     00/00/1977,V----,N0006, PP 0510-0511<br/>                     OXIDATION AND REDUCTION OF NIOBIUM IN THE MELTING<br/>                     OF HIGH ALLOY STEELS<br/>                     #BISI 16343</p>  | 000000'1635' |
| <p>CHISTYAKOV, S. L.<br/>                     //STAL'//<br/>                     00/00/1977,V----,N0006, PP 0510-0511<br/>                     OXIDATION AND REDUCTION OF NIOBIUM IN THE MELTING<br/>                     OF HIGH ALLOY STEELS.<br/>                     BISI 16343</p>  | 000000'15043 |
| <p>KOSENKO, V. I.<br/>                     //STAL'//<br/>                     00/00/1977,V----,N0006, PP 0512<br/>                     ARC REMELTING OF TURNINGS AND METAL ABRASIVE<br/>                     DISCARDS OF ALLOY STEELS<br/>                     #BISI 16344</p>   | 000000'16310 |
| <p>KOSENKO, V. I.<br/>                     //STAL'//<br/>                     00/00/1977,V----,N0006, PP 0512<br/>                     ARC REMELTING OF TURNINGS AND METAL ABRASIVE<br/>                     DISCARDS OF ALLOY STEELS.<br/>                     BISI 16344</p>   | 000000'16335 |
| <p>SEROV, G. V.<br/>                     //STAL'//<br/>                     00/00/1977,V----,N0006, PP 0513-0515<br/>                     INDUSTRIAL TESTING OF LEAN COALS FOR MELTING<br/>                     OF 7 FERROSILICON.<br/>                     BISI 16345</p>   | 000000'15045 |
| <p>KOBYZEV, V. K.<br/>                     //STAL'//<br/>                     00/00/1977,V----,N0006, PP 0522-0527<br/>                     PRINCIPLES OF PASS DESIGN AND ADJUSTMENT OF THE<br/>                     ROLLS OF A FINISHING UNIVERSAL STAND IN THE ROLL<br/>                     ING OF RAILS<br/>                     #BISI 16346</p> | 000000'16323 |
| <p>KOBYEV, V. K.<br/>                     //STAL'//<br/>                     00/00/1977,V----,N0006, PP 0522-0527<br/>                     PRINCIPLES OF PASS DESIGN AND ADJUSTMENT OF<br/>                     THE ROLLS OF A FINISHING UNIVERSAL STAND IN<br/>                     THE ROLLING OF RAILS.</p>                                       |              |

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| BISI 16346   | # |               |
| KOLMAKOV, E. A.<br>//STAL'//<br>00/00/1977,V----,N0006, PP 0533-0534<br>KINEMATICS OF THE PROCESS OF CROSS ROLLING OF<br>CONTAINER NECK SECTIONS<br>#BISI 16347  | # | 000000'15420  |
| KOLMAKOV, E. A.<br>//STAL'//<br>00/00/1977,V----,N0006, PP 0533-0534<br>KINETICS OF PROCESS CROSS ROLLING CONTAINER<br>NECK SECTIONS.<br>BISI 16347  | # | 000000'16353  |
| MEDOVIZIY, I. N.<br>//STAL'//<br>00/00/1977,V----,N0006, PP 0535-0537<br>COMBINATION OF THE OPERATION OF HEAT TREATMENT<br>AND DRAWING IN THE PRODUCTION OF STAINLESS<br>STEEL WIRE<br>BISI 16348                            | # | 000000'31438  |
| PIL'GUK, V. E.<br>//STAL'//<br>00/00/1977,V----,N0006, PP 0537-0538<br>THE LOW-TEMPERATURE STRENGTH OF SIZED MILD<br>STEEL.<br>BISI 16349  | # | 000000'16289  |
| PIL'GUK, V. E.<br>//STAL'//<br>00/00/1977,V----,N0006, PP 0537-0538<br>THE LOW TEMPERATURE STRENGTH OF SIZED MILD STEEL<br>BISI 16349  | # | 000000'21148  |
| BABICH, V. K.<br>//STAL'//<br>00/00/1977,V----,N0006, PP 0546-0550<br>INFLUENCE OF SMALL AMOUNTS OF PLASTIC DEFORMATION<br>AND AGING ON THE PROPERTIES OF CARBON AND LOW-<br>ALLOY REINFORCING STEEL<br>#BISI 16350          | # | 000000'115421 |
| BABICH, V. K.<br>//STAL'//<br>00/00/1977,V----,N0006, PP 0546-0550<br>INFLUENCE OF SMALL AMOUNTS OF PLASTIC DEFOR-<br>MATION AND AGING ON THE PROPERTIES OF CARBON<br>AND LOW-ALLOY REINFORCING STEEL<br>BISI 16350          | # | 000000'116219 |
| ADASHIN, A. M.<br>//STAL'//<br>00/00/1977,V----,N0006, PP 0550-0553<br>POSSIBILITY OF IMPROVING THE STABILITY OF PROP-<br>ERTIES IN TUNGSTEN-MOLYBDENUM HIGH-SPEED STEELS BY<br>INCREASING THE CARBON CONTENT<br>#BISI 16351 | # | 000000'115044 |
| ADASHIN, A. M.<br>//STAL'//<br>00/00/1977,V----,N0006, PP 0550-0553  | # | 000000'116321 |

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| <p>POSSIBILITY OF IMPROVING STABILITY OF PROPERTIES IN TUNGSTEN-MOLYBDENUM HIGH SPEED STEELS BY INCREASING THE CARBON CONTENT.<br/>BISI 16351</p>   | # | 000000267023 |
| <p>ADASKIN, A. M.<br/>//STAL'//<br/>00/00/1977,V----,N0006, PP 0550-0553<br/>POSSIBILITY OF RAISING THE STABILITY OF PROPERTIES OF TUNGSTEN-MOLYBDENUM HIGH SPEED STEELS BY RAISING THE CARBON CONTENT 19 PP<br/>OLD COPYRIGHT INFO REFER OTHERS TO FTD/STINFO<br/>FTD-IDIRSI-0565-80</p> | # |              |
| <p>MANEVICH, V. A.<br/>//STAL'//<br/>00/00/1977,V----,N0006, PP 0556-0559<br/>EVALUATION THE QUALITY OF BATCHES AND TYPES OF METALS PRODUCTS<br/>#BISI 16352</p>  | # | 000000115422 |
| <p>MANEVICH, V. A.<br/>//STAL'//<br/>00/00/1977,V----,N0006, PP 0556-0559<br/>EVALUATING THE QUALITY OF BATCHES AND TYPES OF METALS PRODUCTS.<br/>BISI 16352</p>  | # | 000000116311 |
| <p>LEIBOVICH, N. I.<br/>//STAL'//<br/>00/00/1977,V----,N0006, PP 0560-0562<br/>IMPROVING METHODS OF ECONOMICS WORK AT COMPUTER CENTRES AT STEELWORKS<br/>BISI 16353</p>   | # | 000000116278 |
| <p>LEIBOVICH, N. I.<br/>//STAL'//<br/>00/00/1977,V----,N0006, PP 0560-0562<br/>IMPROVING METHODS OF ECONOMICS WORK AT COMPUTER CENTRES AT STEELWORKS.<br/>#BISI 16353</p>   | # | 000000116372 |
| <p>LEIBOVICH, N. I.<br/>//STAL'//<br/>00/00/1977,V----,N0006, PP 0560-0562<br/>IMPROVING METHODS OF ECONOMICS WORK AT COMPUTER CENTRES AT STEELWORKS<br/>BISI 16353</p>   | # | 000000121138 |
| <p>TSZYAN, SH. TS<br/>//STAL'//<br/>00/00/1977,V----,N0006, PP 0572-0573<br/>SYSTEM OF COOLING THE ROLLS OF CONTINUOUS WIDE-STRIP MILLS.<br/>BISI 16355</p>   | # | 000000116322 |
| <p>TSZYAN, SH. TS<br/>//STAL'//<br/>00/00/1977,V----,N0006, PP 0572-0573<br/>SYSTEM OF COOLING THE ROLLS OF CONTINUOUS WIDE STRIP MILLS<br/>#BISI 16355</p>   | # | 000000116373 |
| <p>MYAGKII, O. D.</p>   |   | 000000115058 |

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| <p>//STAL'//<br/>                     00/00/1977,V----,N0006, PP 0574-0575<br/>                     SINTER-PLANT WATER SUPPLY AND THE CREATION OF NO-EFFLUENT SYSTEMS<br/>                     #BISI 16356</p>  | # |              |
| <p>MYAGKII, D. D.<br/>                     //STAL'//<br/>                     00/00/1977,V----,N0006, PP 0574-0575<br/>                     SINTER-PLANT WATER SUPPLY AND THE CREATION OF NON-EFFLUENT SYSTEMS.<br/>                     BISI 16356</p>   | # | 00000016309  |
| <p>PIL'GUK, V. E.<br/>                     //STAL'//<br/>                     00/00/1977,V----,N0007, PP 0537-0538<br/>                     THE LOW-TEMPERATURE STRENGTH OF SIZED MILD STEEL<br/>                     #BISI 16349</p>   | # | 00000015405  |
| <p>LYAMBACH, R. V.<br/>                     //STAL'//<br/>                     00/00/1977,V----,N0007, PP 0585-0590<br/>                     AUTOMATION OF TECHNOLOGY, MANAGEMENT IN FERROUS METALLURGY 12 PP<br/>                     GUD<br/>                     JPRS L77394</p>   | # | 000000090120 |
| <p>BERMAN, YU. A.<br/>                     //STAL'//<br/>                     00/00/1977,V----,N0007, PP 0591-0594<br/>                     INFLUENCE OF MINERAL COMPOSITION AND STRUCTURE ON METALLURGICAL PROPERTIES OF PELLETS FR MAGNETITE CONCENTRATES WITH A DIFFERENT DEGREE OF CONCENTRATION.<br/>                     BISI 16464</p> | # | 00000015913  |
| <p>ZHEREBIN, B. N.<br/>                     //STAL'//<br/>                     00/00/1977,V----,N0007, PP 0595-0599<br/>                     BLAST-FURNACE SMELTING OF PELLETS WITH THE USE OF LISAKOVKA RAW MATERIAL<br/>                     #BISI 16420</p>  | # | 00000016420  |
| <p>DUNAIEV, N. E.<br/>                     //STAL'//<br/>                     00/00/1977,V----,N0007, PP 0600-0604<br/>                     CALCULATIONS OF THEORETICAL TEMPERATURE OF TUYERE GASES IN BLAST-FURNACE OPEN-ACTION ON BLAST WITH ADDITIVES AND ENRICHED WITH OXYGEN<br/>                     #BISI 16421</p>                    | # | 00000016421  |
| <p>DUNAIEV, N. E.<br/>                     //STAL'//<br/>                     00/00/1977,V----,N0007, PP 0600-0604<br/>                     CALCULATIONS OF THE THEORETICAL TEMPERATURE OF TUYERE GASSES IN BLAST FURNACE OPERATION ON BLAST WITH ADDITIVES AND ENRICHED WITH OXYGEN<br/>                     BISI 16421</p>                  | # | 00000016421  |
| <p>YAKUSHEV, A. M.<br/>                     //STAL'//<br/>                     00/00/1977,V----,N0007, PP 0617-0619<br/>                     MELTING 20K STEEL USING A MANGANESE ALUMINIUM ALLOY FOR DEOXIDATION.</p>   | # | 00000016422  |



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| *BISI 16422  |  |              |
| YAKUSHEV, A. M.<br>//STAL//<br>00/00/1977,V----,N0007, PP 0617-0619<br>MELTING 20X STEEL USING A MANGANESE-ALUMINIUM<br>ALLOY FOR DEOXIDATION.<br>BISI 16422                                       |  | 000000130124 |
| VASIL'EV, V. I.<br>//STAL//<br>00/00/1977,V----,N0007, PP 0627-0629<br>ANALYSIS OF THE THERMAL PERFORMANCE OF AN ELEC-<br>TRIC FURNACE DURING THE MELTING OF CALCIUM-<br>SILICON.<br>BISI 16423    |  | 000000115911 |
| VASIL'EV, V. I.<br>//STAL//<br>00/00/1977,V----,N0007, PP 0627-0629<br>ANALYSIS OF THE THERMAL PERFORMANCE OF AN ELEC-<br>TRIC FURNACE DURING THE MELTING OF CALCIUM-<br>SILICON.<br>*BISI 16423   |  | 000000116424 |
| TAKLICH, K. N.<br>//STAL//<br>00/00/1977,V----,N0007, PP 0631-0633<br>EXPERIENCE IN THE COMMISSIONING OF A 3600 PLATE<br>MILL.<br>BISI 16424   |  | 000000115899 |
| BULATOV, YU. I.<br>//STAL//<br>00/00/1977,V----,N0007, PP 0634-0636<br>AUTOMATED SLAB FABRICATION SYSTEM FOR A 2800<br>PLATE MILL.<br>*BISI 16425  |  | 000000116425 |
| BULATOV, YU. I.<br>//STAL//<br>00/00/1977,V----,N0007, PP 0634-0636<br>AUTOMATED SLAB FABRICATION SYSTEM FOR A 2800<br>PLATE MILL<br>BISI 16425  |  | 000000131434 |
| TSELIKOV, A. I.<br>//STAL//<br>00/00/1977,V----,N0007, PP 0636-0638<br>INVESTIGATION OF DEFORMATION PROCESS AND METAL<br>QUALITY ON A PLANETARY MILL WITH QUADRILATERAL<br>REDUCTION<br>BISI 16426 |  | 000000131436 |
| SHVARTSBART, YA. S.<br>//STAL//<br>00/00/1977,V----,N0007, PP 0638-0642<br>EFFECT OF THE HOT ROLLED SCHEDULE ON THE STRUC-<br>TURE AND PROPERTIES OF THE ALLOY 79M<br>BISI 16427                   |  | 000000115996 |
| SHVARTSBART, YA. S.<br>//STAL//<br>00/00/1977,V----,N0007, PP 0638-0642  |  | 000000116536 |

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| EFFECT OF THE HOT ROLLED SCHEDULE ON THE STRUCTURE AND PROPERTIES OF THE ALLOY 79NM<br>BISI 16427  | # | 000000*16537 |
| LIFSHITS, L. A.<br>//STAL'//<br>00/00/1977,V----,N0007, PP 0646-0647<br>PHOTOELECTRIC PICKUP FOR INDICATION HOLES IN ROLLED STRIP<br>BISI 16428                  | # | 000000*31435 |
| LIFSHITS, L. A.<br>//STAL'//<br>00/00/1977,V----,N0007, PP 0646-0647<br>PHOTOELECTRIC PICKUP FOR INDICATION HOLES IN ROLLED STRIP<br>BISI 16428                  | # | 000000*16538 |
| URAL'SKII, V. I.<br>//STAL'//<br>00/00/1977,V----,N0007, PP 0650-0651<br>RAISING THE QUALITY OF COLD-WORKED TUBES WITH INTERNAL HEXAGONAL OPENINGS<br>BISI 16429 | # | 000000*31437 |
| URAL'SKIY, V. I.<br>//STAL'//<br>00/00/1977,V----,N0007, PP 0650-0651<br>RAISING THE QUALITY OF COLD WORKED TUBES WITH INTERNAL HEXAGONAL OPENINGS<br>BISI 16429 | # | 000000*16539 |
| KONOVYALOV, V. P.<br>//STAL'//<br>00/00/1977,V----,N0007, PP 0651-0652<br>PLASTICITY OF LOW-CARBON STEEL IN THE HOT STATE<br>BISI 16430                          | # | 000000*21862 |
| KONOVYALOV, V. P.<br>//STAL'//<br>00/00/1977,V----,N0007, PP 0651-0652<br>PLASTICITY OF LOW CARBON STEEL IN THE HOT STATE<br>BISI 16430                          | # | 000000*16540 |
| PAMFILOV, E. A.<br>//STAL'//<br>00/00/1977,V----,N0007, PP 0652-0654<br>WEAR ON HARD ALLOY DRAWING DIES<br>BISI 16431  | # | 000000*31429 |
| PAMFILOV, E. A.<br>//STAL'//<br>00/00/1977,V----,N0007, PP 0652-0654<br>WEAR ON HARD ALLOY DRAWING DIES<br>BISI 16431  | # | 000000*15902 |
| GUR'YANOV, YU. A.<br>//STAL'//<br>00/00/1977,V----,N0007, PP 0654-0655<br>GEOMETRICAL ARRANGEMENT OF 6*12*12 DESIGN TRI MEDIAL STRANDS<br>BISI 16432             | # | 000000*16541 |
| GUR'YANOV, YU. A.  |   |              |

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| <p>//STAL'//<br/>                     00/00/1977,V----,N0007, PP 0654-0655<br/>                     GEOMETRICAL ARRANGEMENT OF 6 * 12 * 12 DESIGN<br/>                     TRIHEDRAL STRANDS<br/>                     BISI 16432</p>   | # | 000000'16542 |
| <p>MELESHKO, V. I.<br/>                     //STAL'//<br/>                     00/00/1977,V----,N0007, PP 0659-0661<br/>                     METHODS FOR IMPROVING TESTING OF STEEL SHEET<br/>                     BISI 16433</p>  | # | 000000'3'465 |
| <p>MELESHKO, V. I.<br/>                     //STAL'//<br/>                     00/00/1977,V----,N0007, PP 0659-0661<br/>                     METHODS FOR IMPROVING TESTING OF STEEL SHEET<br/>                     BISI 16433</p>  | # | 000000'16543 |
| <p>TIMOSHENKO, N. N.<br/>                     //STAL'//<br/>                     00/00/1977,V----,N0007, PP 0661-0663<br/>                     A MAGNETIC METHOD FOR EVALUATING THE PROPERTIES<br/>                     OF REINFORCING STEEL<br/>                     BISI 16434</p>                     | # | 000000'3'440 |
| <p>TIMOSHENKO, N. N.<br/>                     //STAL'//<br/>                     00/00/1977,V----,N0007, PP 0661-0663<br/>                     A MAGNETIC METHOD FOR EVALUATING THE PROPERTIES<br/>                     OF REINFORCING STEEL<br/>                     BISI 16434</p>                     | # | 000000'15908 |
| <p>KUPRYAKHINA, S. Z.<br/>                     //STAL'//<br/>                     00/00/1977,V----,N0007, PP 0664-0665<br/>                     ANOMALOUS STRUCTURE OF 09G2S STEEL AND ITS IMPACT<br/>                     STRENGTH AT 70 C<br/>                     BISI 16435</p>                      | # | 000000'16544 |
| <p>KUPRYAKHINA, S. Z.<br/>                     //STAL'//<br/>                     00/00/1977,V----,N0007, PP 0664-0665<br/>                     ANOMALOUS STRUCTURE OF 09G1S STEEL AND ITS EFFECT<br/>                     ON ITS IMPACT STRENGTH AT 70 C<br/>                     BISI 16435</p>        | # | 000000'16545 |
| <p>LUKIN, V. YA.<br/>                     //STAL'//<br/>                     00/00/1977,V----,N0007, PP 0668-0669<br/>                     EFFECTIVENESS OF PRODUCTION OF VANADIUM AT THE<br/>                     TULACHERMET SCIENTIFIC AND INDUSTRIAL COMBINE<br/>                     BISI 16436</p> | # | 000000'3'447 |
| <p>LUKIN, V. YA.<br/>                     //STAL'//<br/>                     00/00/1977,V----,N0007, PP 0668-0669<br/>                     EFFECTIVENESS OF PRODUCTION OF VANADIUM AT THE<br/>                     TULACHERMET SCIENTIFIC AND INDUSTRIAL COMBINE<br/>                     BISI 16436</p> | # | 000000'16546 |
| <p>GOMAN, V. G.<br/>                     //STAL'//<br/>                     00/00/1977,V----,N0007, PP 0674-0675<br/>                     RADIATION U-TUBE WITH TWO-STAGE GAS COMBUSTION</p>   |   |              |

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| BTST 16437   |   |              |
| GOMAN, V. G.<br>//STAL'//<br>00/00/1977,V----,N0007, PP 0674-0675<br>RADIATION U-TUBE WITH TWO-STAGE GAS COMBUSTION<br>BTST 16437  | # | 000000131446 |
| GANEV, R. A.<br>//STAL'//<br>00/00/1977,V----,N0007, PP 0675-0676<br>IMPROVEMENT IN BITE CONDITIONS<br>BTST 16438  | # | 000000116547 |
| GANEV, R. A.<br>//STAL'//<br>00/00/1977,V----,N0007, PP 0675-0676<br>IMPROVEMENT IN BITE CONDITIONS<br>BTST 16438  | # | 000000138321 |
| CHEKETS, YU. G.<br>//STAL'//<br>00/00/1977,V----,N0008, PP 0691-0692<br>FACTORS INFLUENCE NATURAL-GAS CONSUMPTION IN<br>BLAST FURNACES<br>BTST 16621   | # | 000000141460 |
| SHARANDY, M. A.<br>//STAL'//<br>00/00/1977,V----,N0008, PP 0692-0695<br>SLAG GRANULATION AT A 5000 M3 BLAST FURNACE<br>BTST 16622  | # | 000000141422 |
| KUKARIN, A. S.<br>//STAL'//<br>00/00/1977,V----,N0008, PP 0697-0698<br>INVESTIGATION OF THE HYDRAULIC RESISTANCE OF AN<br>IRRIGATED BED OF LUMP MATERIALS APPLIED TO THE<br>LOWER PART OF A BLAST FURNACE<br>*BTST 16569 | # | 000000122208 |
| ROZIN, S. E.<br>//STAL'//<br>00/00/1977,V----,N0008, PP 0701-0703<br>SPEEDING UP THE MELTING OF QUALITY STEELS, USING<br>GAS-HEAVY FUEL OIL BURNERS WITH INCREASED GAS<br>DYNAMIC PARAMETERS.<br>*BTST 16570             | # | 000000122219 |
| ROZIN, S. E.<br>//STAL'//<br>00/00/1977,V----,N0008, PP 0701-0703<br>SPEEDING UP THE MELTING OF QUALITY STEELS USING<br>GAS-HEAVY FUEL OIL BURNERS WITH INCREASED GAS<br>DYNAMIC PARAMETERS.<br>BTST 16570               | # | 000000124285 |
| NOSOV, V. A.<br>//STAL'//<br>00/00/1977,V----,N0008, PP 0706-0709<br>STEEL TEEMED USING AN EXOTHERMIC SLAG FORMING<br>MIXTURE BASED ON EXPANDED VERMICULITE<br>*BTST 16571   | # | 000000122210 |

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| <p>KUZNETSOV, YU. M.<br/> //STAL'//<br/> 00/00/1977,V----,N0008, PP 0709-0710<br/> SEPARATION FOR MIXTURES OF OXYGEN AND POWDERED<br/> MATERIAL FOR BOTTOM-BLOWN CONVERTERS<br/> #BISI 16572</p>   | 000000*222*1 |
| <p>YERMILINA, L. L.<br/> //STAL'//<br/> 00/00/1977,V----,N0008, PP 0710<br/> RESEARCH INTO THE NATURE OF THE NON-METALLIC<br/> INCLUSIONS AT LAMINATIONS IN RIMMING STEEL STRIP<br/> #BISI 16573</p>   | 000000*222*2 |
| <p>YERSHOV, G. S.<br/> //STAL'//<br/> 00/00/1977,V----,N0008, PP 0712-0713<br/> DIFFUSION OF ELEMENTS IN MOLTEN IRON<br/> #BISI 16574</p>  | 000000*222*3 |
| <p>ERSHOV, G. S.<br/> //STAL'//<br/> 00/00/1977,V----,N0008, PP 0712-0713<br/> DIFFUSION OF ELEMENTS IN MOLTEN IRON<br/> BISI 16574</p>  | 000000*24269 |
| <p>SHARAMKIN, V. I.<br/> //STAL'//<br/> 00/00/1977,V----,N0008, PP 0713-0714<br/> FLOWS IN BATHS OF MOLTEN METAL DURING VACUUM<br/> ARC REMELTING.<br/> #BISI 16575</p>  | 000000*222*4 |
| <p>STEPANYANTS, S. L.<br/> //STAL'//<br/> 00/00/1977,V----,N0008, PP 0714-0717<br/> INVESTIGATION OF THE THERMAL SCHEDULE OF SELF-<br/> SINTERING ELECTRODES OF ELECTRIC FERROALLOY<br/> FURNACES WITH THE AIM OF AUTOMATING THE PROCESS<br/> #BISI 16576</p>  | 000000*222*5 |
| <p>STEPANYANTS, S. L.<br/> //STAL'//<br/> 00/00/1977,V----,N0008, PP 0714-0717<br/> INVESTIGATION OF THE THERMAL SCHEDULE OF SELF-<br/> SINTERING ELECTRODES OF ELECTRIC FERROALLOY FUR-<br/> NACES WITH THE AIM OF AUTOMATING THE PROCESS<br/> BISI 16576</p> | 000000*24283 |
| <p>GRIGOR'YEV, V. K.<br/> //STAL'//<br/> 00/00/1977,V----,N0008, PP 0717-0727<br/> IMPROVEMENT IN THE TWO-STAND ROLLING OF HIGH<br/> GRADE AND ALLOY STEEL SECTION ON A 250 CON-<br/> TINUOUS HIGH SECTION MILL.<br/> #BISI 16578</p>                          | 000000*222*7 |
| <p>KULAK, YU. YE.<br/> //STAL'//<br/> 00/00/1977,V----,N0008, PP 0722-0725<br/> RECONOMIC ROLLED SPRING SECTIONS FOR THE<br/> AUTOMOBILE INDUSTRY<br/> #BISI 16577</p>   | 000000*22216 |

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| <p>KOCHNEV, M. F.<br/> //STAL'//<br/> 00/00/1977,V----,N0008, PP 0727-0729<br/> IMPROVEMENT IN THE THERMAL OPERATION CONDITION<br/> OF 2500 FOUR-STAND COLD ROLLING MILL<br/> #BISI 16579</p>                                       | 000000*222*8 |
| <p>BOROVIKOV, B. G.<br/> //STAL'//<br/> 00/00/1977,V----,N0008, PP 0730-0732<br/> NEW TECHNOLOGY FOR THE REHARDENING OF COLD<br/> ROLLING WORK ROLLS.<br/> #BISI 16580</p>  | 000000*222*9 |
| <p>POLYAKOV, I. M.<br/> //STAL'//<br/> 00/00/1977,V----,N0008, PP 0732-0733<br/> INVESTIGATION OF THE WORK CAPACITY OF THE<br/> BACK-UP ROLLS ON A 2500 COLD ROLLING MILL<br/> #BISI 16581</p>                                      | 000000*222*0 |
| <p>DAIKER, A. L.<br/> //STAL'//<br/> 00/00/1977,V----,N0008, PP 0733-0734<br/> MONOGRAMS FOR DETERMINING BILLET DRESSING SCHED<br/> ULES ON FLAME-SCARFING MACHINES<br/> #BISI 16582</p>  | 000000*222*1 |
| <p>DAIKER, A. K.<br/> //STAL'//<br/> 00/00/1977,V----,N0008, PP 0733-0734<br/> MONOGRAMS FOR DETERMINING BILLET DRESSING SCHED<br/> ULES ON FLAME-SCARFING MACHINES<br/> BISI 16582</p>   | 000000*242*5 |
| <p>DAVYDOV, F. D.<br/> //STAL'//<br/> 00/00/1977,V----,N0008, PP 0739-0741<br/> CORRELATION ANALYSIS OF THE MECHANICAL PROPER<br/> TIES OF STRIP, ELECTRICALLY-WELDED SEMI-PRODUCT<br/> AND COLD-WORKED TUBES.<br/> #BISI 16583</p> | 000000*222*2 |
| <p>DAVYDOV, F. D.<br/> //STAL'//<br/> 00/00/1977,V----,N0008, PP 0739-0741<br/> CORRELATION ANALYSIS OF THE MECHANICAL PROPERTIES<br/> OF STRIP, ELECTRICALLY-WELDED SEMI-PRODUCT AND<br/> COLD-WORKED TUBES<br/> BISI 16583</p>    | 000000*242*6 |
| <p>STARIKOV, A. K.<br/> //STAL'//<br/> 00/00/1977,V----,N0008, PP 0742-0743<br/> NEW TYPES OF METAL CORD<br/> #BISI 16584</p>   | 000000*222*3 |
| <p>STARIKOV, A. K.<br/> //STAL'//<br/> 00/00/1977,V----,N0008, PP 0742-0743<br/> NEW TYPE OF METAL CORD<br/> BISI 16584</p>   | 000000*242*7 |
| <p>GROZA, V. F.</p>   | 000000*222*4 |

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| //STAL'//<br>00/00/1977,V----,N0008, PP 0743-0745<br>NEW MACHINES FOR TWISTING METAL CORD<br>#BISI 16585   | # |              |
| GONCHARENKO, V. G.<br>//STAL'//<br>00/00/1977,V----,N0008, PP 0745-0747<br>THE COLD UPSETTING OF CHAIR BOLTS<br>#BISI 16586  | # | 000000'22225 |
| GONCHARENKO, V. G.<br>//STAL'//<br>00/00/1977,V----,N0008, PP 0745-0747<br>THE COLD UPSETTING OF CHAIR BOLTS<br>BISI 16586   | # | 000000'24286 |
| IGOSHINA, G. P.<br>//STAL'//<br>00/00/1977,V----,N0008, PP 0754-0756<br>REDUCING GRAIN SIZE SUPERHEATER TUBES<br>#BISI 16587   | # | 000000'22226 |
| IGOSHINA, G. P.<br>//STAL'//<br>00/00/1977,V----,N0008, PP 0754-0756<br>REDUCING GRAIN SIZE HETEROGENEITY IN 12KH18N12T<br>STEEL FOR STEAM SUPERHEATER TUBES<br>BISI 16587   | # | 000000'24277 |
| BOGOMOLOVA, G. P.<br>//STAL'//<br>00/00/1977,V----,N0008, PP 0756-0768<br>PROPERTIES OF 40NKRKHTYUMD SPRING ALLOY AT HOT<br>WORKING TEMPERATURE<br>#BISI 16588   | # | 000000'22227 |
| POTAPOVA, V. P.<br>//STAL'//<br>00/00/1977,V----,N0008, PP 0758-0760<br>PROVIDING AN AUSTENITIC GRAIN IN STRUCTURAL STEEL<br>#BISI 16589   | # | 000000'22228 |
| POYAPOVA, V. P.<br>//STAL'//<br>00/00/1977,V----,N0008, PP 0758-0760<br>PROVIDING AN AUSTENITIC GRAIN IN STRUCTURAL STEELS<br>BISI 16589   | # | 000000'24278 |
| CHERNOBRIYENKO, YU. S.<br>//STAL'//<br>00/00/1977,V----,N0008, PP 0761-0764<br>INFLUENCE OF THE DIMENSIONAL-ACCURACY CLASS<br>OF WIRE ROD ON METAL ECONOMY IN ROLLING<br>#BISI 16590   | # | 000000'22229 |
| BOZHAROV, YU. G.<br>//STAL'//<br>00/00/1977,V----,N0008, PP 0764-0766<br>APPLICATION OF ADVANCED EXPERIENCE IN WORK OR-<br>GANIZATION IN PRIMARY MILLS VERY IMPORTANT FOR<br>RAISING EFFICIENCY OF THE ROLLING INDUSTRY<br>#BISI 16591 | # | 000000'22230 |

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| <p>BARATS, I. S.<br/> //STAL'//<br/> 00/00/1977,V----,N0008, PP 0766-0768<br/> DEVELOPMENT OF SUB-SYSTEM FOR ANALYSING PRODUCT<br/> OUTPUT AND SALES IN AN AUTOMATED CONTROL SYSTEM<br/> OR AN ENTERPRISE AND THE INDUSTRY.<br/> #BISI 16592</p> | 000000*2223* |
| <p>BARATS, I. S.<br/> //STAL'//<br/> 00/00/1977,V----,N0008, PP 0766-0768<br/> DEVELOPMENT OF A SUB-SYSTEM FOR ANALYSIS PRODUCT<br/> OUTPUT AND SALES IN AN AUTOMATED CONTROL SYSTEM<br/> FOR AN ENTERPRISE AND THE INDUSTRY<br/> BISI 16592</p> | 000000*4144* |
| <p>KAZANETS, I. P.<br/> //STAL'//<br/> 00/00/1977,V----,N0009, PP 0769-0772<br/> BASIC PROBLEMS OF FERROUS METALLURGY 9 PP<br/> GUO<br/> JPRS L/7463</p>   | 000000*0131* |
| <p>TSELIKOV, A. I.<br/> //STAL'//<br/> 00/00/1977,V----,N0009, PP 0773-0777<br/> NEW EQUIPMENT FOR THE FERROUS METALLURGY INDUSTRY<br/> 10 PP<br/> GUO<br/> JPRS L/7463</p>  | 000000*0131* |
| <p>UKLEIN, V. I.<br/> //STAL'//<br/> 00/00/1977,V----,N0009, PP 0782-0785<br/> OBTAINING A SLIGHTLY OXIDIZING ATMOSPHERE IN<br/> FIRING-MACHINE HEARHTS<br/> #BISI 16791</p>   | 000000*2205* |
| <p>KLEIN, V. I.<br/> //STAL'//<br/> 00/00/1977,V----,N0009, PP 0782-0785<br/> OBTAINING A SLIGHTLY OXIDIZING ATMOSPHERE IN<br/> FIRING MACHINE HEARHTS<br/> BISI 16791</p>   | 000000*5658* |
| <p>KOROBOV, I. I.<br/> //STAL'//<br/> 00/00/1977,V----,N0009, PP 0788-0789<br/> IMPROVING THE LINING OF THE BLAST-FURNACE THROUGH<br/> #BISI 16792</p>   | 000000*2206* |
| <p>KOROBOV, I. I.<br/> //STAL'//<br/> 00/00/1977,V----,N0009, PP 0788-0789<br/> IMPROVING THE LINING OF THE BLAST-FURNACE TROUGH<br/> BISI 16792</p>   | 000000*3315* |
| <p>KOROBOV, I. I.<br/> //STAL'//<br/> 00/00/1977,V----,N0009, PP 0788-0789<br/> IMPROVING THE LINING OF THE BLAST-FURANCE TROUGH<br/> BISI 16792</p>   | 000000*3709* |
| <p>BURGUTIN, YU. I.</p>  | 000000*2206* |



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| <p>//STAL'//<br/>                     00/00/1977,V----,N0009, PP 0790-0791<br/>                     MONITORING SERVICE FOR THE STATE OF THE SHELL OF<br/>                     A 5000 M3 BLAST FURNACE<br/>                     #BISI 16793</p>   | 000000'33'51  |
| <p>BURGUTIN, YU. I.<br/>                     //STAL'//<br/>                     00/00/1977,V----,N0009, PP 0790-0791<br/>                     MONITORING SERVICE FOR THE STATE OF THE SHELL<br/>                     OF A 5000 M3 BLAST FURNACE<br/>                     BISI 16793</p>  | 000000'17'094 |
| <p>BURGUTIN, YU. I.<br/>                     //STAL'//<br/>                     00/00/1977,V----,N0009, PP 0790-0791<br/>                     MONITORING SERVICE FOR THE STATE OF THE SHELL<br/>                     OF A 5000 M3 BLAST FURNACE<br/>                     BISI 16793</p>  | 000000'22'062 |
| <p>KUKSA, A. V.<br/>                     //STAL'//<br/>                     00/00/1977,V----,N0009, PP 0794-0796<br/>                     INVESTIGATIONS OF THERMAL STRESSES AND THE DEVEL<br/>                     OPMENT OF A RATIONAL DESIGN OF INGOT MOULDS FOR<br/>                     B.2 T BLOOMING MILL INGOTS<br/>                     #BISI 16794</p> | 000000'24'280 |
| <p>KUSKA, A. B.<br/>                     //STAL'//<br/>                     00/00/1977,V----,N0009, PP 0794-0796<br/>                     INVESTIGATIONS OF THERMAL STRESSES AND THE DEVELOP<br/>                     MENT OF A RATIONAL DESIGN OF INGOT MOULDS FOR<br/>                     B.2 T BLOOMING MILL INGOTS<br/>                     BISI 16794</p>  | 000000'22'063 |
| <p>KIMONOV, K. V.<br/>                     //STAL'//<br/>                     00/00/1977,V----,N0009, PP 0799-0800<br/>                     EFFECTS OF THE SHAPE OF THE CHANNEL IN STEEL<br/>                     TEEMING NOZZLES ON THE QUALITY OF THE INGOTS<br/>                     #BISI 16795</p>  | 000000'22'064 |
| <p>LUK'YANOV, S. G.<br/>                     //STAL'//<br/>                     00/00/1977,V----,N0009, PP 0800-0801<br/>                     EVOLUTION OF GASES FROM CONVERTERS BLOWN WITH<br/>                     OXYGEN AND FUEL FROM BENEATH<br/>                     #BISI 16796</p>   | 000000'33'42  |
| <p>LUK'YANOV, S. G.<br/>                     //STAL'//<br/>                     00/00/1977,V----,N0009, PP 0800-0801<br/>                     EVOLUTION OF GASES FROM CONVERTERS BLOWN WITH<br/>                     OXYGEN AND FUEL FROM BENEATH<br/>                     BISI 16796</p>  | 000000'37'085 |
| <p>LUK'YANOV, S. G.<br/>                     //STAL'//<br/>                     00/00/1977,V----,N0009, PP 0800-0801<br/>                     EVOLUTION OF GASES FROM CONVERTERS BLOWN WITH<br/>                     OXYGEN AND FUEL FROM BENEATH<br/>                     BISI 16796</p>  |               |

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| NOVORSKICHENOVA, S. M.<br>//STAL'//<br>00/00/1977,V----,N0009, PP 0803-0805<br>SEVENTH PLENARY SESSIONS OF THE PERMANENT SEMINAR<br>"STEEL AND NON-METALLIC INCLUSIONS"<br>#BISI 16797   | 000000*22065 |
| MARACHEVA, T. V.<br>//STAL'//<br>00/00/1977,V----,N0009, PP 0807-0809<br>TRANSFORMATION OF OXIDE INCLUSIONS IN FERROCHROME<br>IN VACUUM HEAT TREATMENT<br>BISI 16798                     | 000000*33*4* |
| MARACHEVA, T. V.<br>//STAL'//<br>00/00/1977,V----,N0009, PP 0807-0809<br>TRANSFORMATION OF OXIDE INCLUSIONS IN FERROCHROME<br>IN VACUUM HEAT TREATMENT<br>BISI 16798                     | 000000*3*084 |
| ALEKSEEV, YU. N.<br>//STAL'//<br>00/00/1977,V----,N0009, PP 0812-0814<br>ELIMINATION OF CRACK FORMATION IN THE WELD ZONES<br>WITH THE SEMI-CONTINUOUS CONTOURING OF STRIP<br>#BISI 16799 | 000000*2206* |
| ALEKSEYEV, YU. N.<br>//STAL'//<br>00/00/1977,V----,N0009, PP 0812-0814<br>ELIMINATION OF CRACK FORMATION IN THE WELD<br>ZONES WITH THE SEMI-CONTINUOUS CONTOURING OF STRIP<br>BISI 16799 | 000000*33*55 |
| ALEKSEYEV, YU. N.<br>//STAL'//<br>00/00/1977,V----,N0009, PP 0812-0814<br>ELIMINATION OF CRACK FORMATION IN THE WELD ZONES<br>WITH THE SEMI-CONTINUOUS CONTOURING OF STRIP<br>BISI 16799 | 000000*3*099 |
| GRITSUK, N. F.<br>//STAL'//<br>00/00/1977,V----,N0009, PP 0814-0817<br>THE ROLLING OF HIGH-PRECISION THICK-WALLED AUTO<br>MOBILE WHEEL RIMS<br>#BISI 16800                               | 000000*22069 |
| GRITSUK, N. F.<br>//STAL'//<br>00/00/1977,V----,N0009, PP 0814-0817<br>THE ROLLING OF HIGH-PRECISION THICK-WALLED<br>AUTOMOBILE WHEEL RIMS<br>BISI 16800                                 | 000000*33*54 |
| GRITSUK, N. F.<br>//STAL'//<br>00/00/1977,V----,N0009, PP 0814-0817<br>THE ROLLING OF HIGH-PRECISION THICK WALLED<br>AUTOMOBILE WHEEL RIMS<br>BISI 16800                                 | 000000*3*098 |
| KUZEMA, I. D.  | 000000*22068 |

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| <p>//STAL'//<br/>00/00/1977,V----,N0009, PP 0817-0818<br/>EFFECT OF TOTAL ELONGATION ON THE MICROSTRUC<br/>TURAL INHOMOGENEITY OF PLATE STEEL<br/>#BISI 16801</p>  | 000000122010 |
| <p>PARSHIN, A. A.<br/>//STAL'//<br/>00/00/1977,V----,N0009, PP 0821-0822<br/>SERVICE PROPERTIES OF IRON WORKS ROLLS IN THE<br/>3600 PLATE MILL AT THE AZOVSTAL' WORKS<br/>#BISI 16802</p>                              | 000000117182 |
| <p>PARSHIN, A. A.<br/>//STAL'//<br/>00/00/1977,V----,N0009, PP 0821-0822<br/>SERVICE PROPERTIES OF IRON WORK ROLLS IN THE 3600<br/>PLATE MILL AT THE AZOVSTAL' WORKS<br/>BISI 16802</p>                                | 000000122012 |
| <p>KUZNOTSOVET, E. M.<br/>//STAL'//<br/>00/00/1977,V----,N0009, PP 0825-0826<br/>IMPROVEMENT OF TUBE REDUCTION ON FURNACE-WELDING<br/>MILL<br/>#BISI 16803</p>   | 000000142603 |
| <p>KUZNETSOV, YE. M.<br/>//STAL'//<br/>00/00/1977,V----,N0009, PP 0825-0826<br/>IMPROVEMENT OF TUBE REDUCTION ON FURNACE-WELDING<br/>MILL<br/>BISI 16803</p>   | 000000122011 |
| <p>BEREZHINSKII, V. I.<br/>//STAL'//<br/>00/00/1977,V----,N0009, PP 0827-0828<br/>IMPROVING THE MECHANICAL PROPERTIES OF STEEL<br/>CABLE WIRES<br/>#BISI 16804</p>   | 000000122013 |
| <p>ALALYKIN, G. S.<br/>//STAL'//<br/>00/00/1977,V----,N0009, PP 0830-0831<br/>AUTOMATIC SAFETY EQUIPMENT IN THE PNEUMATIC TRANS<br/>PORTATION OF POWDERED FERROALLOYS FOR ELECTRODE<br/>PRODUCTION<br/>#BISI 16805</p> | 000000117184 |
| <p>ALALYKIN, G. S.<br/>//STAL'//<br/>00/00/1977,V----,N0009, PP 0830-0831<br/>AUTOMATIC SAFETY EQUIPMENT IN THE PNEUMATIC<br/>TRANSPORTATION OF POWDERED FERROALLOYS FOR<br/>ELECTRODE PRODUCTION<br/>BISI 16805</p>   | 000000122014 |
| <p>SEMAYINA, A. N.<br/>//STAL'//<br/>00/00/1977,V----,N0009, PP 0831-0832<br/>EFFECTS OF THE DIAMETER OF WIRE ROD ON THE<br/>RESIDUAL STRESSES IN WIRE<br/>#BISI 16806</p>   |              |

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| SEHAVINA, A. N.<br>//STAL'//<br>00/00/1977,V----,N0009, PP 0831-0832<br>EFFECTS OF THE DIAMETER OF WIRE ROD ON THE RESIDUA<br>STRESSES IN WIRE<br>#BISI 16806                      | # | 000000142604 |
| OYCHINNIKOV, G. E.<br>//STAL'//<br>00/00/1977,V----,N0009, PP 0837-0838<br>PRODUCTION OF CONVERTER STEEL ROLLING STOCK<br>WHEELS AND TYRES<br>#BISI 16807                          | # | 000000122075 |
| ZAIDMAN, I. D.<br>//STAL'//<br>00/00/1977,V----,N0009, PP 0838-0840<br>ELECTRON MICROSCOPE STUDY OF CARBIDE PHASE IN<br>COLD-ROLLED 08 PS (SEMI-KILLED) STEEL SHEET<br>#BISI 16808 | # | 000000122076 |
| ZAIDMAN, I. D.<br>//STAL'//<br>00/00/1977,V----,N0009, PP 0838-0840<br>ELECTRON MICROSCOPE STUDY OF CARBIDE PHASE IN<br>COLD-ROLLED 08 S (SEMI-KILLED) STEEL SHEET<br>BISI 16808   | # | 000000133158 |
| ZAIDMAN, I. D.<br>//STAL'//<br>00/00/1977,V----,N0009, PP 0838-0840<br>ELECTRON MICROSCOPE STUDY OF CARBIDE PHASE IN<br>COLD-ROLLED 08 S (SEMI-KILLED) STEEL SHEET<br>BISI 16808   | # | 000000131102 |
| APTEKAR, S. S.<br>//STAL'//<br>00/00/1977,V----,N0009, PP 0849-0851<br>MATERIAL INCENTIVES FOR INGOT-MOULD ECONOMY<br>#BISI 16809  | # | 000000122077 |
| APTEKAR, S. S.<br>//STAL'//<br>00/00/1977,V----,N0009, PP 0849-0851<br>MATERIAL INCENTIVES FOR INGOT-MOULD ECONOMY<br>BISI 16809   | # | 000000133141 |
| APTEKAR, S. S.<br>//STAL'//<br>00/00/1977,V----,N0009, PP 0849-0851<br>MATERIAL INCENTIVES FOR INGOT-MOULD ECONOMY<br>BISI 16809   | # | 000000131091 |
| SEGAL, A. M.<br>//STAL'//<br>00/00/1977,V----,N0009, PP 0852-0853<br>AUTOMATIC CONTROL OF THE HEAT OF COMBUSTION OF<br>A FIRING GAS<br>#BISI 16810                                 | # | 000000122078 |
| SEGAL, A. M.<br>//STAL'//<br>00/00/1977,V----,N0009, PP 0852-0853<br>AUTOMATIC CONTROL OF THE HEAT OF COMBUSTION OF  |   | 000000131160 |

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| A FIRING GAS<br>BISI 16810  | # |              |
| PISHYANOV, V. L.<br>//STAL'//<br>00/00/1977,V----,N0009, PP 0853-0854<br>DECARBURISING ANNEALING OF HIGH-CARBON STEEL<br>WIRE IN BELL FURNACES WITH NITROGEN-HYDROGEN GAS<br>#BISI 16811                        | # | 000000'22079 |
| PISHYANOV, V. L.<br>//STAL'//<br>00/00/1977,V----,N0009, PP 0853-0854<br>DECARBURISING ANNEALING OF HIGH-CARBON STEEL WIRE<br>IN BELL FURNACES WITH A NITROGEN-HYDROGEN GAS<br>BISI 16811                       | # | 000000'42605 |
| VERBIN, V. A.<br>//STAL'//<br>00/00/1977,V----,N0009, PP 0855-0856<br>PREVENTING CLOGGING OF RECYCLE-SYSTEM EQUIPMENT<br>IN THE ROLLING-MILL WATER SUPPLY<br>#BISI 16812  | # | 000000'22080 |
| VERBIN, V. A.<br>//STAL'//<br>00/00/1977,V----,N0009, PP 0855-0856<br>PREVENTING CLOGGING OF RECYCLE-SYSTEM EQUIPMENT<br>IN THE ROLLING-MILL WATER SUPPLY<br>BISI 16812   | # | 000000'33'52 |
| VERBIN, V. A.<br>//STAL'//<br>00/00/1977,V----,N0009, PP 0855-0856<br>PREVENTING CLOGGING OF RECYCLE-SYSTEM EQUIPMENT<br>IN THE ROLLING-MILL WATER SUPPLY<br>BISI 16812   | # | 000000'37096 |
| ARKIREYEVA, S. I.<br>//STAL'//<br>00/00/1977,V----,N0009, PP 0857-0859<br>ADJUSTMENT AND INVESTIGATION OF THE OPERATION OF<br>A STEAM EJECTOR PUMP IN PLANT FOR THE VACUUM<br>TREATMENT OF STEEL<br>#BISI 16813 | # | 000000'22081 |
| ARKIREYEVA, S. I.<br>//STAL'//<br>00/00/1977,V----,N0009, PP 0857-0859<br>ADJUSTMENT AND INVESTIGATION OF THE OPERATION OF<br>A STEAM EJECTOR PUMP IN PLANT FOR THE VACUUM<br>TREATMENT OF STEEL<br>BISI 16813  | # | 000000'33'43 |
| ARKIREYEVA, S. I.<br>//STAL'//<br>00/00/1977,V----,N0009, PP 0857-0859<br>ADJUSTMENT AND INVESTIGATION OF THE OPERATION<br>OF A STEAM EJECTOR PUMP IN PLANT FOR THE<br>VACUUM TREATMENT OF STEEL<br>BISI 16813  | # | 000000'37086 |
| MARACHEVA, T. V.<br>//STAL'//   | # | 000000'22066 |

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| 00/00/1977,V----,N0009, 0807-0809<br>TRANSFORMATION OF OXIDE INCLUSIONS IN FERROCHROME<br>IN VACUUM HEAT TREATMENT<br>#BISI 16798   | # |              |
| OYCHINNIKOV, G. YE.<br>//STAL'//  |   | 000000142446 |
| 00/00/1977,V----,N0010, PP 0883-0887<br>DEVELOPMENT AND MASTERING OF A PRODUCTION<br>TECHNOLOGY FOR VANADIUM-BEARING PIG IRON WITH<br>THE USE OF COMBINED BLAST<br>BISI 16861 | # |              |
| LYAMBACH, R. V.<br>//STAL'//  |   | 00000011858  |
| 00/00/1977,V----,N0010, PP 0926-0929<br>DEVELOPMENT OF ROLLING PRODUCTION AUTOMATION<br>BISI 16868  | # |              |
| USACHEV, I. M.<br>//STAL'//   |   | 000000104775 |
| 00/00/1977,V----,N0010, PP 0930-0932<br>PRODUCTION, THE QUALITY OF PIPE 6 PP<br>GUO<br>JPRS L/7536  | # |              |
| ORINCHEV, V. I.<br>//STAL'//  |   | 00000011859  |
| 00/00/1977,V----,N0010, PP 0939-0942<br>PRODUCTION OF NEW AND HIGHLY EFFECTIVE METAL<br>PRODUCTS<br>BISI 16870  | # |              |
| YUPKO, L. D.<br>//STAL'//   |   | 00000011848  |
| 00/00/1977,V----,N0010, PP 0953-0955<br>TECHNICAL PROGRESS AS THE BASIS FOR RAISING<br>PRODUCTION EFFICIENCY<br>BISI 16871  | # |              |
| EFIMOV, L. M.<br>//STAL'//  |   | 000000142447 |
| 00/00/1977,V----,N0010, PP 0956-0960<br>STEEL PRODUCTION IN, AND THE DESIGN DEVELOPMENT<br>OF, TWO-BATH FURNACES<br>BISI 16872  | # |              |
| TISHCHENKO, N. A.<br>//STAL'//  |   | 000000142448 |
| 00/00/1977,V----,N0010, PP 0962-0965<br>LIMITING ROLLING MOTORS AND DIRECT CURRENT<br>GENERATORS<br>BISI 16873  | # |              |
| SERGEYEV, G. N.<br>//STAL'//  |   | 000000106271 |
| 00/00/1977,V----,N0011, PP 0969-0974<br>PROGRESS IN FERROUS METALLURGY CITED FOR CEMA<br>COUNTRIES 13 PP<br>GUO<br>JPRS L/7568  | # |              |
| BABARYKIN, N. N.<br>//STAL'//   |   | 000000142792 |

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| 00/00/1977, V----, N0011, PP 0981-0984<br>PRODUCTION OF LOW-SULPHUR PIG IRON IN<br>MAGNITOGORSK-COMBINE (MPC) BLAST FURNACES<br>#BISI 16966   | # | 0000001184   |
| BABARYKIN, N. N.<br>//STAL'//<br>00/00/1977, V----, N0011, PP 0981-0984<br>PRODUCTION OF LOW-SULPHUR PIG IRON IN<br>MAGNITOGORSK-COMBINE BLAST FURNACES<br>BISI 16966   | # | 000000142793 |
| SHEPA, E. D.<br>//STAL'//<br>00/00/1977, V----, N0011, PP 0984-0987<br>FOUR-HOPPER CHARGING GEAR WITH STATIONARY CHARGE<br>DISTRIBUTOR FOR BLAST FURNACES OF LARGE VOLUME<br>#BISI 16967                      | # | 00000011842  |
| SHEPA, E. D.<br>//STAL'//<br>00/00/1977, V----, N0011, PP 0984-0987<br>FOUR-HOPPER CHARGING GEAR WITH STATIONARY CHARGE<br>DISTRIBUTOR FOR BLAST FURNACES OF LARGE VOLUME<br>BISI 16967                       | # | 000000142811 |
| DUBROV, N. F.<br>//STAL'//<br>00/00/1977, V----, N0011, PP 0988-0990<br>IMPROVING THE QUALITY OF 20 GRADE STEEL<br>#BISI 16968  | # | 000000142798 |
| SOSIPATROV, V. T.<br>//STAL'//<br>00/00/1977, V----, N0011, PP 0993-0995<br>EXPERIENCE OF THE PRODUCTION OF UNALLOYED<br>DYNAMO STEEL IN TWIN BATH FURNACES<br>#BISI 16969                                    | # | 000000142799 |
| MIKHOVA, E. A.<br>//STAL'//<br>00/00/1977, V----, N0011, PP 0995-0996<br>STATISTICAL DETERMINATION OF THE INFLUENCE OF<br>MELTING PRACTICE ON THE QUALITY OF CONTINUOUSLY<br>CAST TUBE BILLETS<br>#BISI 16970 | # | 000000151245 |
| MIKHOVA, E. A.<br>//STAL'//<br>00/00/1977, V----, N0011, PP 0995-0996<br>STATISTICAL DETERMINATION OF THE INFLUENCE OF<br>MELTING PRACTICE ON THE QUALITY OF CONTINUOUSLY<br>CAST TUBE BILLETS<br>BISI 16970  | # | 000000142800 |
| GASEK, M. I.<br>//STAL'//<br>00/00/1977, V----, N0011, PP 0996-0997<br>STAUROLITE CONCENTRATE USED FOR STEEL MELTING<br>#BISI 16971   | # | 000000142801 |
| KHYOSHCHINSKII, A. V.<br>//STAL'//<br>00/00/1977, V----, N0011, PP 0999-1003  |   |              |

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| MECHANIZATION OF THE PRINCIPAL OPERATIONS IN<br>ELECTRIC STEELMELTING FURNACES SHOPS<br>#BISI 16972  | # |              |
| KHYOSHCHINSKIY, A. V.<br>//STAL'//<br>00/00/1977, V----, N0011, PP 0999-1003<br>MECHANIZATION OF THE PRINCIPAL OPERATIONS IN<br>ELECTRIC STEEL MELTING FURNACE SHOPS<br>BISI 16972                         | # | 000000*11844 |
| SEROV, G. V.<br>//STAL'//<br>00/00/1977, V----, N0011, PP 1009-1011<br>FERROALLOY FURNACES WITH AN OVERHEAD CONTACT<br>CONDUCTOR<br>BISI 16973   | # | 000000*11843 |
| GLUKHOVSKIY, E. S.<br>//STAL'//<br>00/00/1977, V----, N0011, PP 1012-1019<br>NEW ROLLING PLANTS OF USSR<br>#BISI 16974   | # | 000000*42803 |
| BELORUSOV, S. N.<br>//STAL'//<br>00/00/1977, V----, N0011, PP 1019-1022<br>RATIONAL SCHEMES FOR THE PRODUCTION OF SHEET<br>AND PLATE STEEL ON WIDE HOT-STRIP MILLS<br>#BISI 16975                          | # | 000000*42804 |
| BELORUSOV, S. N.<br>//STAL'//<br>00/00/1977, V----, N0011, PP 1019-1022<br>RATIONAL SCHEMES FOR THE PRODUCTION OF SHEET AND<br>PLATE STEEL ON WIDE HOT-STRIP MILLS<br>BISI 16975                           | # | 000000*45962 |
| BOCHKOV, M. G.<br>//STAL'//<br>00/00/1977, V----, N0011, PP 1024-1028<br>IMPROVEMENT OF THE PRODUCTION OF ROD FOR VK-CLASS<br>CABLE WIRE<br>#BISI 16976  | # | 000000*42812 |
| DRALYUK, B. N.<br>//STAL'//<br>00/00/1977, V----, N0011, PP 1028-1029<br>INVESTIGATION OF THE RELATIONSHIP BETWEEN FORWARD<br>SLIP AND TENSION DURING COLD ROLLING ON A<br>TWELVE-ROLL MILL<br>#BISI 16977 | # | 000000*42814 |
| DRALYUK, B. N.<br>//STAL'//<br>00/00/1977, V----, N0011, PP 1028-1029<br>INVESTIGATION OF THE RELATIONSHIP BETWEEN FORWARD<br>SLIP AND TENSION DURING COLD ROLLING ON A<br>TWELVE-ROLL MILL<br>BISI 16977  | # | 000000*11820 |
| SAFYANOV, A. V.<br>//STAL'//<br>00/00/1977, V----, N0011, PP 1033-1034   | # | 000000*42814 |



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| TUBES OF 12KH2M1 CHROMIUM-MOLYBDENUM STEEL FOR THERMAL POWER STATIONS<br>#BISI 16978   | # | 00000011829 |
| SAFYANDY, A. V.<br>//STAL'//<br>00/00/1977,V----,N0011, PP 1033-1034<br>TUBES OF 12KH2M1 CHROMIUM-MOLYBDENUM STEEL FOR THERMAL POWER STATIONS<br>#BISI 16978                                   | # | 00000014283 |
| FOTOV, A. A.<br>//STAL'//<br>00/00/1977,V----,N0011, PP 1035<br>MASTERING THE TWO-STRAND ROLLING TUBES ON THE KHPY-32 MILL WITH THE USE OF A FLOATING MANDREL<br>#BISI 16979                   | # | 00000014284 |
| KOBERIDZE, L. V.<br>//STAL'//<br>00/00/1977,V----,N0011, PP 1037-1038<br>LUBRICANTS FOR MASS PRODUCED STEEL CABLES<br>#BISI 16980  | # | 00000014272 |
| POLYAKOV, S. N.<br>//STAL'//<br>00/00/1977,V----,N0011, PP 1039-1044<br>THE THERMAL TOUGHENING OF MEDIUM-AND HEAVY-RANGE SHAPED ROLLED PRODUCT SECTIONS<br>#BISI 16981                         | # | 00000011835 |
| POLYAKOV, S. N.<br>//STAL'//<br>00/00/1977,V----,N0011, PP 1039-1044<br>THE THERMAL TOUGHENING OF MEDIUM AND HEAVY-RANGE SHAPED ROLLED PRODUCT SECTIONS<br>#BISI 16981                         | # | 00000014273 |
| KHASIN, G. A.<br>//STAL'//<br>00/00/1977,V----,N0011, PP 1047-1049<br>CAUSES OF PROCESSING DUCTILITY AND ENHANCED THERMAL EXPANSION OF 29NK ALLOY<br>#BISI 16982                               | # | 00000011833 |
| KHASIN, G. A.<br>//STAL'//<br>00/00/1977,V----,N0011, PP 1047-1049<br>CAUSES OF REDUCED PROCESSING DUCTILITY AND ENHANCED THERMAL EXPANSION OF 29NK ALLOY<br>#BISI 16982                       | # | 00000014592 |
| LISOYENKO, N. N.<br>//STAL'//<br>00/00/1977,V----,N0011, PP 1049-1051<br>CONTROLLING COOPERATION DELIVERIES IN THE IRON AND STEEL INDUSTRY WITH THE USE OF ELECTRONIC COMPUTERS<br>#BISI 16983 | # | 00000014274 |
| LISOYENKO, N. N.<br>//STAL'//<br>00/00/1977,V----,N0011, PP 1049-1051<br>CONTROLLING COOPERATION DELIVERIES IN THE IRON  | # |             |

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| AND STEEL INDUSTRY WITH THE USE OF ELECTRONIC COMPUTERS<br>#BISI 16983  | # | 00000047275 |
| MARKEVICH, V. M.<br>//STAL'//<br>00/00/1977,V----,N0011, PP 1054-1055<br>SPECIAL FEATURES OF THE HEATING OF ELECTRICALLY WELDED THIN-WALL TUBES IN MECHANISED HEATING FURNACES<br>#BISI 16984       | # | 00000071821 |
| MARKEVICH, V. M.<br>//STAL'//<br>00/00/1977,V----,N0011, PP 1054-1055<br>SPECIAL FEATURES OF THE HEATING OF ELECTRICALLY WELDED THIN-WALL TUBES IN MECHANISED HEATING FURNACES<br>BISI 16984        | # | 00000047276 |
| GROKHOVSKII, A. G.<br>//STAL'//<br>00/00/1977,V----,N0011, PP 1056-1057<br>COMPOSITE INVESTIGATION OF THE PERFORMANCE CONDITIONS ON THE PUSHER AND HOLDING FURNACE OF A 900/750 MILL<br>#BISI 16985 | # | 00000071819 |
| GROKHOVSKIY, A. G.<br>//STAL'//<br>00/00/1977,V----,N0011, PP 1056-1057<br>COMPOSITE INVESTIGATION OF THE PERFORMANCE CONDITIONS ON THE PUSHER AND HOLDING FURNACE OF A 900/750 MILL<br>BISI 16985  | # | 0000004724  |
| SHNEYEROV, YA. A.<br>//STAL'//<br>00/00/1977,V----,N0012, PP 1080-1086<br>STEEL PRODUCTION TECHNOLOGY IMPROVED 15 PP FOUR<br>JPRS L7657   | # | 00000045968 |
| VERGUN, A. S.<br>//STAL'//<br>00/00/1977,V----,N0012, PP 1090-1092<br>INVESTIGATION OF 18.3T INGOTS OF OBYU NON-AGEING STEEL WITH DIFFERENT SULPHUR CONTENTS<br>BISI 17102                          | # | 00000045186 |
| SIROTENKO, V. L.<br>//STAL'//<br>00/00/1977,V----,N0012, PP 1094-1095<br>MELTING OF KILLED AND RIMMING FOR SEMIKILLED STEELS IN CONVERTER SHOPS<br>BISI 17103                                       | # | 00000045182 |
| KUTUZOV, G. I.<br>//STAL'//<br>00/00/1977,V----,N0012, PP 1101-1103<br>DEPOSITION OF DUST PARTICLES DURING THE MOVEMENT OF A GAS-DUST STREAM IN THE BATH OF AN ORE-REDUCING FURNACE<br>BISI 17105   | # |             |

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| <p>PARSHIN, V. A.<br/> //STAL'//<br/> 00/00/1977,V----,N0012, PP 1104-1107<br/> ROLLING SHOE STRIP FOR TRACTORS OF INCREASED<br/> POWER<br/> BISI 17106</p>  | # | 000000145964 |
| <p>PORTAK, R. A.<br/> //STAL'//<br/> 00/00/1977,V----,N0012, PP 1116<br/> TEMPERATURE TRANSDUCER FOR THE SURFACE OF THE<br/> WORK ROLLS OF COLD ROLLING MILLS<br/> BISI 17108</p>                                    | # | 000000145965 |
| <p>VAL'KOVDI, V. S.<br/> //STAL'//<br/> 00/00/1977,V----,N0012, PP 1121-1122<br/> THE FATIGUE STRENGTH OF STEEL CABLE WIRE<br/> BISI 17110</p>   | # | 000000151259 |
| <p>OSADCHII, A. N.<br/> //STAL'//<br/> 00/00/1977,V----,N0012, PP 1126-1127<br/> INVESTIGATION OF HOT DUCTILITY OF R6M5K5 HIGH<br/> SPEED STEEL PRODUCED BY POWDER METALLURGICAL<br/> TECHNIQUES<br/> BISI 17113</p> | # | 000000145966 |
| <p>RUFANOV, YU. G.<br/> //STAL'//<br/> 00/00/1977,V----,N0012, PP 1132-1134<br/> SERVICE LIFE OF SPECIAL RAILWAY ROLLING STOCK<br/> WHEELS<br/> BISI 17115</p>   | # | 000000151271 |
| <p>IPATOVA, V. N.<br/> //STAL'//<br/> 00/00/1977,V----,N0012, PP 1133<br/> EFFECT OF A REPEAT ANNEALING ON THE CARBIDE<br/> NETWORK IN BEARING STEELS<br/> BISI 17114</p>  | # | 000000145973 |
| <p>KHIMICH, L. G.<br/> //STAL'//<br/> 00/00/1977,V----,N0012, PP 1140-1142<br/> ROLLER-TYPE MACHINE FOR HEAT TREATING PLATE<br/> ROLLED PRODUCT<br/> BISI 17117</p>  | # | 000000151275 |
| <p>KREININ, E. V.<br/> //STAL'//<br/> 00/00/1977,V----,N0012, PP 1142-1144<br/> BLIND ENDED RADIANT TUBES WITH RECIRCULATION OF<br/> PRODUCTS OF COMBUSTION<br/> BISI 17118</p>                                      | # | 000000151276 |
| <p>KHROMOV, P. I.<br/> //STAL'//<br/> 00/00/1977,V0001,N----, PP 0068-0069<br/> CABLES WITH METAL-PLASTIC CORES<br/> BISI 15702</p>  | # | 000000091701 |
| <p>BALAKHOVSKAYA, M. B.<br/> //STAL'//</p>   |   | 000000108283 |

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| 00/00/1977, V0004, PP 0362-0363<br>INVESTIGATION OF THE RATES OF CHANGE OF<br>MECHANICAL PROPERTIES IN S&J STEEL AFTER<br>HIGH TEMPERATURE<br>#BISI 16982  | # | 000000108282 |
| LEVCHENKO, G. V.<br>//STAL//<br>00/00/1977, V0004, N-----, PP 0336-0337<br>RESISTANCE OF DEFORMATION OF TYPE 15GYUT<br>STEEL.<br>#BISI 16075   | # | 000000108269 |
| ZHEMBUS, M. D.<br>//STAL//<br>00/00/1977, V0005, N-----, PP 0388-0390<br>IMPROVEMENT OF BLAST FURNACE LINES.<br>#BISI 16158  | # | 000000108270 |
| AFANAS'YEV, YU. YA<br>//STAL//<br>00/00/1977, V0005, N-----, PP 0397-0399<br>MONOGRAMS FOR LANDING THE DURATION OF BLAST<br>FURNACE HOT-BLAST STOVE OPERATING CYCLES<br>#BISI 16159                            | # | 000000108271 |
| PTICHNIK, V. D.<br>//STAL//<br>00/00/1977, V0005, N-----, PP 0404-0406<br>THERMODYNAMIC OF FEEDER HEAD REGION OF AN<br>IGOT HEATED BY MEANS OF A MULTI-LAYER HOT<br>TOP.<br>#BISI 16160                        | # | 000000108273 |
| KAPUSTIN, E. A.<br>//STAL//<br>00/00/1977, V0005, N-----, PP 0418-0420<br>HEAT AND MASS TRANSFER PROCESSES IN THE BATHS<br>OF STEEL MELTING UNITS (FROM MATERIAL OF<br>AN ALL-UNION CONFERENCE)<br>#BISI 16162 | # | 000000108274 |
| SMIRNOV, L. A.<br>//STAL//<br>00/00/1977, V0005, N-----, PP 0420-0421<br>CONVERSION OF NATURALLY ALLOYED AND<br>PHOSPHORIC PIG IRONS<br>#BISI 16163  | # | 000000108275 |
| MOSHKEVICH, E. I.<br>//STAL//<br>00/00/1977, V0005, N-----, PP 0422<br>DEVELOPMENT IN THE PRODUCTION OF HEAVY<br>EPS&SH STEEL IGOTS<br>#BISI 16164   | # | 000000108276 |
| SINYAVSKIY, A. F.<br>//STAL//<br>00/00/1977, V0005, N-----, PP 0424-0427<br>INVESTIGATION OF ALUMINIUM SECONDARY<br>CIRCUIT BUS-BARS FOR FERROALLOY FURNACES<br>AFTER PROLONGED SERVICE<br>#BISI 16165         | # |              |

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| <p>KULAK, YU. YE.<br/> //STAL'//<br/> 00/00/1977,V0005,N----, PP 0433-0434<br/> INVESTIGATION OF THE TEMPERATURE CONDITION<br/> DURING THE ROLLING OF SPRING STRIP.<br/> #BISI 16167</p>   | 000000108277 |
| <p>DEMIXHEV, I. V.<br/> //STAL'//<br/> 00/00/1977,V0005,N----, PP 0435-0436<br/> SINGLE-FORM ROLLING OF SYMMETRIC BULB BAR<br/> SECTION.<br/> #BISI 16168</p>  | 000000108278 |
| <p>SOSHIN, P. I.<br/> //STAL'//<br/> 00/00/1977,V0005,N----, PP 0441-0443<br/> PRODUCTION OF SIZED LOW-ALLOY STEEL FOR COLD<br/> UPSETTING.<br/> #BISI 16169</p>   | 000000108279 |
| <p>KIMONOV, K. V.<br/> //STAL'//<br/> 00/00/1977,V0009,N----, PP 0799-0800<br/> EFFECTS OF THE SHAPE OF THE CHANNEL IN STEEL<br/> TEERING NOZZLES ON THE QUALITY OF THE INGOTS<br/> BISI 16795</p>   | 000000146551 |
| <p>TARASENKO, V. A.<br/> //STAL'//<br/> 00/05/1977,V----,N0005, PP 0140<br/> DEPENDENCE OF THE SURFACE QUALITY OF TUBES ON THE<br/> TECHNOLOGICAL LUBRICANTS 4 PP<br/> OLD COPYRIGHT INFO REFER OTHERS TO FTD/STINFO<br/> FTD-IDIRSIIT-0121-78</p> | 000000115713 |
| <p>SKLOKIN, N. H.<br/> //STAL'//<br/> 00/06/1977,V----,N0006, PP 0401-0401<br/> WAYS TO IMPROVE FERROUS METAL UTILIZATION<br/> DISCUSSED 9 PP<br/> GUD<br/> JPRS L17351</p>  | 000000085610 |
| <p>NOGTEV, V. P.<br/> //STAL'//<br/> 00/00/1978,V----,N----, PP 0597-0599<br/> MEASURING THE ACTIVITY OF OXYGEN IN STEELMAKING<br/> BISI 17868</p>   | 000000114781 |
| <p>VALKOV, V. A.<br/> //STAL'//<br/> 00/00/1978,V----,N00002, PP 0163-0164<br/> CONDITIONS OF DEVELOPMENT OF NATURAL VIBRATION<br/> IN STEEL AND CALCULATION OF THEIR FREQUENCIES<br/> #BISI 17361</p>   | 000000162506 |
| <p>STATNIKOV, B. SH.<br/> //STAL'//<br/> 00/00/1978,V----,N0001, PP 0008-0011<br/> INFLUENCE OF SIZE GRADING AND SIZE SEGREGATION ON<br/> PELLET FIRING IN A BED<br/> #BISI 17255</p>  | 000000137641 |

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| <p>STATNIKOV, B. SH.<br/> //STAL'//<br/> 00/00/1978,V----,N0001, PP 0008-0011<br/> INFLUENCE OF SIZE GRADING AND SIZE SEGREGATION ON<br/> PELLET FIRING IN A BED<br/> BISI 17255</p>   | 000000155188 |
| <p>PUTILOV, M. I.<br/> //STAL'//<br/> 00/00/1978,V----,N0001, PP 0018-0020<br/> INFLUENCE OF COEFFICIENT OF HEAT DISTRIBUTION<br/> IN A RECUPERATIVE GAS HEATER ON ITS THERMAL<br/> AND TECHNICO-ECONOMIC CHARACTERISTICS<br/> BISI 17256</p>                      | 000000152978 |
| <p>PUTILOV, M. I.<br/> //STAL'//<br/> 00/00/1978,V----,N0001, PP 0018-0020<br/> INFLUENCE OF COEFFICIENT OF HEAT DISTRIBUTION IN<br/> A RECUPERATIVE GAS HEATER ON ITS THERMAL AND<br/> TECHNICO-ECONOMIC CHARACTERISTICS<br/> #BISI 17256</p>                     | 000000212507 |
| <p>PRIKHOD'KO, I. P.<br/> //STAL'//<br/> 00/00/1978,V----,N0001, PP 0020<br/> OPERATIONAL RELIABILITY OF BLAST-FURNACE<br/> SKIP HOISTS<br/> BISI 17257</p>  | 000000152980 |
| <p>PRIKHOD'KO, I. P.<br/> //STAL'//<br/> 00/00/1978,V----,N0001, PP 0020<br/> OPERATIONAL RELIABILITY OF BLAST-FURNACE SKIP<br/> HOISTS<br/> #BISI 17257</p>   | 000000212508 |
| <p>LEVITASOV, YA. M.<br/> //STAL'//<br/> 00/00/1978,V----,N0001, PP 0025-0027<br/> AN INVESTIGATION OF THE LIBERATION OF DUST<br/> AND GAS FROM A TWIN BATH FURNACE AND THE<br/> CATCHING OF ENTRAINED SLAG BY THE UPTAKE<br/> AND SLAG POCKET<br/> BISI 17258</p> | 000000152979 |
| <p>LEVITASOV, YA. M.<br/> //STAL'//<br/> 00/00/1978,V----,N0001, PP 0025-0027<br/> AN INVESTIGATION OF THE LIBERATION OF DUST AND<br/> GAS FROM A TWIN BATH FURNACE AND THE CATCHING OF<br/> ENTRAINED SLAG BY THE UPTAKE AND SLAG POCKET<br/> #BISI 17258</p>     | 000000212509 |
| <p>DIDKOVSKIY, V. K.<br/> //STAL'//<br/> 00/00/1978,V----,N0001, PP 0027-0028<br/> FEATURES OF DESULPHURISATION IN THE BASIC OXYGEN<br/> STEELMAKING PROCESS USING IRON FLUX<br/> #BISI 17259</p>  | 000000212510 |
| <p>TISHAYEV, S. I.<br/> //STAL'//<br/> 00/00/1978,V----,N0001, PP 0031-0033</p>  | 000000212511 |

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| THE EFFECT OF ELECTROSLAG REMELTING ON THE QUALITY OF 4KHAYMS AND 3KH3MF GRADE DIE STEELS<br>#BISI 17260  | 000000212512 |
| SHUPAKHIM, A. D.<br>//STAL'//<br>00/00/1978,V----,N0001, PP 0033-0037<br>CONTROL OF PARAMETERS IN VACUUM ARC REMELTING<br>#BISI 17261                         | 000000212500 |
| SHVARTSMAN, YU. KH.<br>//STAL'//<br>00/00/1978,V----,N0001, PP 0039-0042<br>IMPROVING THE QUALITY OF VACUUM INDUCTION MELTED INGOTS<br>#BISI 17262            | 000000212501 |
| BRINZA, V. N.<br>//STAL'//<br>00/00/1978,V----,N0001, PP 0042-0044<br>SAFETY IN THE RUNNING OF VACUUM INDUCTION FURNACES<br>#BISI 17263                       | 000000212502 |
| BABENKO, V. T.<br>//STAL'//<br>00/00/1978,V----,N0001, PP 0044-0047<br>DESIGN AND CONSTRUCTION OF OBJECTS OF FERROALLOY PRODUCTION<br>BISI 17264              | 000000212502 |
| BABENKO, V. T.<br>//STAL'//<br>00/00/1978,V----,N0001, PP 0044-0047<br>DESIGN AND CONSTRUCTION OF OBJECTS OF FERROALLOY PRODUCTION<br>#BISI 17264             | 000000212503 |
| TOLSTOPYATYI, N. A.<br>//STAL'//<br>00/00/1978,V----,N0001, PP 0053-0055<br>WEB STABILITY DURING THE ROLLING OF H SECTIONS<br>#BISI 17265                     | 000000223146 |
| TOLSTOPYATYI, N. A.<br>//STAL'//<br>00/00/1978,V----,N0001, PP 0053-0055<br>WEB STABILITY DURING THE ROLLING OF H SECTIONS<br>BISI 17265                      | 000000212504 |
| POGORZHEL'SKIY, V. I.<br>//STAL'//<br>00/00/1978,V----,N0001, PP 0055-0057<br>EXPERIMENT DESIGNING FOR STUDY OF THE CONTROLLED ROLLING PROCESS<br>#BISI 17266 | 000000150929 |
| SHULYAK, N. M.<br>//STAL'//<br>00/00/1978,V----,N0001, PP 0059-0060<br>EXPERIENCE IN THE FULL-SCALE INTRODUCTION OF SLEEVED ROLLS ON A 350 MILL<br>BISI 17267 | 000000212505 |
| SHULYAK, N. M.  |              |

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| //STAL'//<br>00/00/1978,V----,N0001, PP 0059-0060<br>EXPERIENCE IN THE FULLSCALE INTRODUCTION OF<br>SLEEVED ROLLS ON A 350 MILL<br>#BISI 17267  |  |              |
| FEDIN, V. P.<br>//STAL'//<br>00/00/1978,V----,N0001, PP 0060-0061<br>SECTION MILL ROLL GUIDES<br>BISI 17268   |  | 000000151019 |
| FEDIN, V. P.<br>//STAL'//<br>00/00/1978,V----,N0001, PP 0060-0061<br>SECTION MILL ROLL GUIDES<br>BISI 17268   |  | 000000150926 |
| FEDIN, V. P.<br>//STAL'//<br>00/00/1978,V----,N0001, PP 0060-0061<br>SECTION MILL ROLL GUIDES<br>BISI 17268   |  | 000000212513 |
| FEDIN, V. P.<br>//STAL'//<br>00/00/1978,V----,N0001, PP 0060-0061<br>SECTION MILL ROLL GUIDES<br>#BISI 17268  |  | 000000150919 |
| VIL'YAMS, O. S.<br>//STAL'//<br>00/00/1978,V----,N0001, PP 0061-0063<br>DEPENDENCE OF MECHANICAL PROPERTIES OF COLD<br>DRAWN TUBES OF TYPE K18N10T STEEL ON THE METHOD<br>OF DEFORMATION TO PREFINISHING DIMENSIONS<br>BISI 17269   |  | 000000212506 |
| VIL'YAMS, O. S.<br>//STAL'//<br>00/00/1978,V----,N0001, PP 0061-0063<br>DEPENDENCE OF MECHANICAL PROPERTIES OF COLD-DRAWN<br>TUBES OF TYPE K18N10T STEEL ON THE METHOD OF<br>DEFORMATION TO PRE-FINISHING DIMENSIONS<br>#BISI 17269 |  | 000000151558 |
| LUZIN, YU. F.<br>//STAL'//<br>00/00/1978,V----,N0001, PP 0066<br>DETERMINATION OF THE FRICTION COEFFICIENT ON THE<br>MANDREL SURFACE WHEN PIERCING IN A SKEW-ROLL MILL<br>BISI 17270  |  | 000000212494 |
| LUZIN, YU. F.<br>//STAL'//<br>00/00/1978,V----,N0001, PP 0066<br>DETERMINATION OF THE FRICTION COEFFICIENT ON THE<br>MANDREL SURFACE WHEN PIERCING IN A SKEW-ROLL MILL<br>#BISI 17270   |  | 000000188220 |
| GOROKHOVA, N. S.<br>//STAL'//<br>00/00/1978,V----,N0001, PP 0066-0067<br>EFFECTS OF IMPURITIES ON THE LIFE OF THE K18JYU4<br>ALLOY<br>BISI 18379  |  | 000000212496 |
| NEROBOV, A. V.<br>//STAL'//<br>00/00/1978,V----,N0001, PP 0067-0068   |  |              |



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| WEAR ON TOOLS DURING THE EXTRUSION OF SPECIAL<br>STEEL SECTIONS<br>#BISI 17271  | # | 000000223747 |
| MEROBOY, A. V.<br>//STAL'//<br>00/00/1978, V----, N0001, PP 0067-0068<br>WEAR ON TOOLS DURING THE EXTRUSION OF SPECIAL<br>STEEL SECTIONS<br>BISI 17271                        | # | 000000136966 |
| CHUMAKOV, V. E.<br>//STAL'//<br>00/00/1978, V----, N0001, PP 0068-0069<br>IMPROVING THE QUALITY OF STEEL BEARING<br>#BISI 17272   | # | 000000152984 |
| CHUMAKOV, V. E.<br>//STAL'//<br>00/00/1978, V----, N0001, PP 0068-0069<br>IMPROVING THE QUALITY OF SIZED BEARING STEEL<br>BISI 17272  | # | 000000155140 |
| OYCHINNIKOV, G. E.<br>//STAL'//<br>00/00/1978, V----, N0001, PP 0069-0071<br>EXPERIENCE IN THE USE OF CONTINUOUSLY CAST BLOOMS<br>FOR RAILWAY WHEEL PRODUCTION<br>BISI 17273  | # | 000000212496 |
| OYCHINNIKOV, G. E.<br>//STAL'//<br>00/00/1978, V----, N0001, PP 0069-0071<br>EXPERIENCE IN THE USE OF CONTINUOUSLY CAST BLOOMS<br>FOR RAILWAY WHEEL PRODUCTION<br>#BISI 17273 | # | 000000136968 |
| KHASIN, G. A.<br>//STAL'//<br>00/00/1978, V----, N0001, PP 0075-0077<br>HEAT TREATMENT OF AUSTENITIC STEELS USING<br>INDUCTION HEATING<br>#BISI 17274                         | # | 000000212497 |
| CHEPLANOV, V. I.<br>//STAL'//<br>00/00/1978, V----, N0001, PP 0078-0082<br>MAKING FERROUS-METALS UTILIZATION IN THE NATIONAL<br>ECONOMY MORE EFFECTIVE<br>#BISI 17275         | # | 000000136967 |
| POSYSAEV, A. A.<br>//STAL'//<br>00/00/1978, V----, N0001, PP 0082-0085<br>ASSESSMENT OF THE QUALITY OF METAL PRODUCTS<br>#BISI 17276  | # | 000000151545 |
| POSYAEV, A. A.<br>//STAL'//<br>00/00/1978, V----, N0001, PP 0082-0085<br>ASSESSMENT OF THE QUALITY OF METAL PRODUCTS<br>BISI 17276  | # | 000000165116 |
| POSYAEV, YA. YA.  |   |              |

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| //STAL'//<br>00/00/1978,V----,N0001, PP 0082-0085<br>ASSESSMENT OF THE QUALITY OF METAL PRODUCTS<br>BISI 17276  | # | 000000'55'37   |
| SHALAMOV, YU. N.<br>//STAL'//<br>00/00/1978,V----,N0001, PP 0085-0087<br>WORKING CHARACTERISTICS OF SOAKING PITS WITH A<br>SINGLE TOP BURNER DURING THE HEATING OF PLATE<br>INGOTS<br>BISI 17277  | # | 000000'21'2498 |
| SHALAMOV, YU. N.<br>//STAL'//<br>00/00/1978,V----,N0001, PP 0085-0087<br>WORKING CHARACTERISTICS OF SOAKING PITS WITH A<br>SINGLE TOP BURNER DURING THE HEATING OF PLATE<br>INGOTS<br>#BISI 17277 | # | 000000'36'934  |
| SAZANOV, B. V.<br>//STAL'//<br>00/00/1978,V----,N0001, PP 0088-0092<br>SOLVING THE MAIN PROBLEMS OF THE ENERGY SERVICES<br>OF IRON AND STEEL WORKS<br>#BISI 17278                                 | # | 000000'55'59   |
| VIDKOVSII, V. K.<br>//STAL'//<br>00/00/1978,V----,N0001, PP-0027-0028<br>FEATURES OF DESULPHURISATION IN THE BASIC OXYGEN<br>STEELMAKING PROCESS USING IRON FLUX<br>BISI 17259                    | # | 000000'22'365  |
| SHMYREV, A. N.<br>//STAL'//<br>00/00/1978,V----,N0002, PP 0097-0101<br>FERROUS METALLURGY GAINS IN LABOR PRODUCTIVITY<br>DISCUSSED 12 PP<br>FOUD<br>JPRS L17722                                   | # | 000000'46'489  |
| DROZHILOV, L. A.<br>//STAL'//<br>00/00/1978,V----,N0002, PP 0102-0107<br>TRENDS IN THE DEVELOPMENT OF PRODUCTION OF<br>HIGH-QUALITY PELLETS.<br>#BISI 17345                                       | # | 000000'55'277  |
| DROZHILOV, L. A.<br>//STAL'//<br>00/00/1978,V----,N0002, PP 0102-0107<br>TRENDS IN THE DEVELOPMENT OF PRODUCTION OF HIGH<br>QUALITY PELLETS<br>BISI 17345   | # | 000000'22'364  |
| SALAMATOV, L. G.<br>//STAL'//<br>00/00/1978,V----,N0002, PP 0113-0116<br>BLAST FURNACE PRODUCTION EFFICIENCY ENHANCEMENT<br>MEASURES HIGHLIGHTED 11 PP<br>FOUD<br>JPRS L17722                     | # |                |

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| SALAMATOV, L. G.<br>//STAL'//<br>00/00/1978,V----,N0002, PP 0113-0116<br>MAKING BLAST-FURNACE PRACTICE MORE EFFECTIVE<br>#BISI 17346  | # | 000000146490 |
| SALAMATOV, L. G.<br>//STAL'//<br>00/00/1978,V----,N0002, PP 0113-0116<br>MAKING BLAST FURNACE PRACTICE MORE EFFECTIVE<br>BISI 17346   | # | 000000210030 |
| YAKUSHEVA, M. D.<br>//STAL'//<br>00/00/1978,V----,N0002, PP 0124-0126<br>CASTING STEEL UNDER HEAT INSULATING MIXTURES<br>#BISI 17347  | # | 000000146491 |
| PODGORODETSKII, A. A.<br>//STAL'//<br>00/00/1978,V----,N0002, PP 0126-0129<br>THE QUALITY OF LARGE INGOTS OF OBYU GRADE<br>NON-AGING STEEL CAST WITH THE USE OF INSERTS<br>MADE OF FLUID SELF-HARDENING MIXTURES<br>#BISI 17348 | # | 000000146492 |
| PODGORODETSKII, A. A.<br>//STAL'//<br>00/00/1978,V----,N0002, PP 0126-0129<br>THE QUALITY OF LARGE INGOTS OF OBYU GRADE<br>NON-AGEING STEEL CAST WITH THE USE OF INSERTS MADE<br>OF FLUID SELF-HARDENING MIXTURES<br>BISI 17348 | # | 000000155142 |
| OGURTSOV, A. P.<br>//STAL'//<br>00/00/1978,V----,N0002, PP 0129-0131<br>IMPROVING THE EFFICIENCY OF THE USE OF HEAT<br>INSULATING TILES WHEN CASTING STEEL<br>#BISI 17349   | # | 000000146507 |
| OGURTSOV, A. P.<br>//STAL'//<br>00/00/1978,V----,N0002, PP 0129-0131<br>IMPROVING THE EFFICIENCY OF THE USE OF HEAT<br>INSULATING TILES WHEN CASTING STEEL<br>BISI 17349  | # | 000000156588 |
| PAVLOV, V. G.<br>//STAL'//<br>00/00/1978,V----,N0002, PP 0131-0133<br>THE EFFECT OF CASTING PRACTICE ON THE QUALITY<br>OF LEAD-BEARING STEEL<br>#BISI 17350   | # | 000000146508 |
| PAVLOV, V. G.<br>//STAL'//<br>00/00/1978,V----,N0002, PP 0131-0133<br>THE EFFECT OF CASTING PRACTICE ON THE QUALITY OF<br>LEAD-BEARING STEEL<br>BISI 17350  | # | 000000155214 |
| ZHITNIK, G. G.<br>//STAL'//   |   | 000000146509 |

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| 00/00/1978,V----,N0002, PP 0133-0135<br>DEVELOPMENT OF AN ACCELERATED BOTTOM POURING<br>PRACTICE UNDER HEAT INSULATING FLUXES.<br>#BISI 17351   |  |              |
| ZHITNIK, G. G.<br>//STAL'//<br>00/00/1978,V----,N0002, PP 0133-0135<br>DEVELOPMENT OF AN ACCELERATED BOTTOM POURING<br>PRACTICE UNDER HEAT INSULATION FLUXES<br>BISI 17351  |  | 000000*55*84 |
| BURAKOVSKII, G. P.<br>//STAL'//<br>00/00/1978,V----,N0002, PP 0135-0127<br>THE QUALITY OF TIMMING STEEL SLAB INGOT CHEMICALLY<br>SEALED IN RELATION TO THE SHAPE OF THE INGOT HEAD<br>#BISI 17352   |  | 000000*465*0 |
| BURAKOVSKII, G. P.<br>//STAL'//<br>00/00/1978,V----,N0002, PP 0135-0137<br>THE QUALITY OF RIMMING STEEL SLAB INGOTS<br>CHEMICALLY SEALED IN RELATION TO THE SHAPE<br>OF THE INGOT HEAD<br>BISI 17352  |  | 000000*52986 |
| SKHYREV, A. I.<br>//STAL'//<br>00/00/1978,V----,N0002, PP 0137-0138<br>DETERMINATION OF THE QUANTITY OF STEEL WHICH CAN<br>BE REFINED BY SYNTHETIC SLAG IN RELATION TO THE<br>COMBINED CONDITIONS PERTAINING TO THE BASIC OXGEN<br>FURNACE SLAG-MELTING FURNEEA AND CONTINUOUS CASTIN<br>FACILITIES.<br>#BISI 17353 |  | 000000*465*1 |
| SKHYREV, A. I.<br>//STAL'//<br>00/00/1978,V----,N0002, PP 0137-0138<br>DETERMINATION OF THE QUANTITY OF STEEL WHICH CAN<br>BE REFINED BY SYNTHETIC SLAG IN RELATION TO THE<br>COMBINED CONDITIONS PERTAINING TO THE BASIC<br>OXYGEN FURNACE SLAG MELTING FURNACE AND<br>CONTINUOUS CASTING FACILITIES<br>BISI 17353 |  | 000000*565*6 |
| NIKOLAYEV, N. N.<br>//STAL'//<br>00/00/1978,V----,N0002, PP 0140-0142<br>THE NITROGEN CONTENT OF METAL MELTED IN FURNACES<br>WITH CONTROLLED ATMOSPHERE<br>#BISI 17354  |  | 000000*465*2 |
| NIKOLAEV, N. N.<br>//STAL'//<br>00/00/1978,V----,N0002, PP 0140-0142<br>THE NITROGEN CONTENT OF METAL MELTED IN CONTROLLED<br>ATMOSPHERE FURNACES<br>BISI 17354   |  | 000000*55*94 |
| MELIKAEV, N. P.<br>//STAL'//<br>00/00/1978,V----,N0002, PP 0143-0145  |  | 000000*464*3 |

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| SMELTING THE COMPLEX ALLOY FKHPNS IN AN INDUSTRIAL FURNACE.<br>#BISI 17355  | # |              |
| MELIKAEV, N. P.<br>//STAL'//<br>00/00/1978,V----,N0002, PP 0143-0145<br>SMELTING THE COMPLEX ALLOY FKHPNS IN AN INDUSTRIAL FURNACE<br>BISI 17355  | # | 000000'55'60 |
| PARSHIN, V. A.<br>//STAL'//<br>00/00/1978,V----,N0002, PP 0146-0148<br>MEASURES TAKEN AT THE NIZHNE-TAGIL' STEELWORKS TO REDUCE INGOT CONSUMPTION FOR ROLLED PRODUCTS<br>BISI 17356             | # | 000000'552'6 |
| OSADCHII, A. N.<br>//STAL'//<br>00/00/1978,V----,N0002, PP 0148-0150<br>PRODUCTION OF HIGH-GRADE FORGE SECTION OF COMPLEX ALLOYD HIGH-SPEED STEELS.<br>#BISI 17357                              | # | 000000'464'5 |
| OSADCHII, A. N.<br>//STAL'//<br>00/00/1978,V----,N0002, PP 0148-0150<br>PRODUCTION OF HIGH-GRADE FORGED SECTIONS OF COMPLEX ALLOYED HIGH-SPEED STEELS<br>BISI 17357                             | # | 000000'55'45 |
| MALYGIN, R. Z.<br>//STAL'//<br>00/00/1978,V----,N0002, PP 0156-0157<br>INFLUENCE OF HEATING AND DEFORMATION CONDITIONS ON DEPTH OF SURFACE DEFECTS DURING ROLLING OF ALLOY STEEL<br>#BISI 17358 | # | 000000'464'6 |
| MALYGIN, R. Z.<br>//STAL'//<br>00/00/1978,V----,N0002, PP 0156-0157<br>INFLUENCE OF HEATING AND DEFORMATION CONDITIONS ON DEPTH OF SURFACE DEFECTS DURING ROLLING OF ALLOY STEEL<br>BISI 17358  | # | 000000'5'56' |
| KSENZUK, F. A.<br>//STAL'//<br>00/00/1978,V----,N0002, PP 0158<br>SOURCES OF SCALE FORMATION ON HOT ROLLED LOW-CARBON STEEL STRIP.<br>#BISI 17359   | # | 000000'464'' |
| KSENZUK, F. A.<br>//STAL'//<br>00/00/1978,V----,N0002, PP 0158<br>SOURCES OF SCALE FORMATION ON HOT ROLLED LOW-CARBON STEEL STRIP<br>#BISI 17359  | # | 000000'62503 |
| OSIPENKO, P. E.<br>//STAL'//  | # | 000000'464'8 |

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| 00/00/1978,V----,N0002, PP 0160-0161<br>EXPERIENCE IN THE RECONSTRUCTION OF TUBE PLANTS<br>AND ITS EFFECTIVENESS.<br>#BISI 17360  |  |              |
| OSIPENKO, P. E.<br>//STAL'//<br>00/00/1978,V----,N0002, PP 0160-0161<br>EXPERIENCE IN THE RECONSTRUCTION OF TUBE PLANTS<br>AND ITS EFFECTIVENESS<br>BISI 17360  |  | 000000155147 |
| OSIPENKO, P. E.<br>//STAL'//<br>00/00/1978,V----,N0002, PP 0160-0161<br>EXPERIENCE IN THE RECONSTRUCTION OF TUBE PLANTS<br>AND ITS EFFECTIVENESS.<br>#BISI 17360  |  | 000000162504 |
| VALKOV, V. A.<br>//STAL'//<br>00/00/1978,V----,N0002, PP 0163-0164<br>CONDITIONS OF DEVELOPMENT OF NATURAL VIBRATIONS<br>IN STEEL AND CALCULATION OF THEIR FREQUENCIES<br>DURING VIBRATORY PICKLING<br>BISI 17361 |  | 000000151549 |
| KAZARNOVSKII, V. A.<br>//STAL'//<br>00/00/1978,V----,N0002, PP 0168-0172<br>IMPROVING THE ENDURANCE AND RELIABILITY OF RAILWAY<br>RAILS.<br>#BISI 17362   |  | 000000146479 |
| KAZARNOVSKII, D. S.<br>//STAL'//<br>00/00/1978,V----,N0002, PP 0168-0172<br>IMPROVING THE ENDURANCE AND RELIABILITY OF<br>RAILWAY RAILS<br>BISI 17362   |  | 000000155163 |
| UL'YANITSKII, V. N.<br>//STAL'//<br>00/00/1978,V----,N0002, PP 0174-0175<br>STRUCTURAL CHANGES IN THE METAL WHERE HARDENED<br>ROLLED STOCK IS CUT WITH A HIGH-SPEED DISC SAW<br>BISI 17363                        |  | 000000155227 |
| UL'YANITSKIY, V. N.<br>//STAL'//<br>00/00/1978,V----,N0002, PP 0174-0175<br>STRUCTURE CHANGES IN THE METAL WHERE HARDENED<br>ROLLED STOCK IS CUT WITH A HIGH-SPEED DISC SAW<br>#BISI 17363                        |  | 000000162506 |
| BUTNEV, YU. N.<br>//STAL'//<br>00/00/1978,V----,N0002, PP 0175-0179<br>SUB-SYSTEM FOR OPERATIONAL CALCULATION AND<br>SCHEDULING OF THE AZOVSTAL WORKS HEAVY-PLATE MILL<br>BISI 17364                              |  | 000000151544 |
| BUTNEV, YU. N.<br>//STAL'//   |  | 000000162507 |

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| 00/00/1978, V----, N0002, PP 0175-0179<br>SUB-SYSTEM FOR OPERATIONAL CALCULATION AND<br>SCHEDULING OF THE AZOVSTAL WORK HEAVY-PLATE MILL<br>#BISI 17364             | 0 |              |
| BUTNEV, YU. N.<br>//STAL'//   |   | 000000165115 |
| 00/00/1978, V----, N0002, PP 0175-0179<br>SUB-SYSTEM FOR OPERATIONAL CALCULATION AND<br>SCHEDULING OF THE AZOVSTAL WORKS HEAVY-PLATE MILL<br>BISI 17364             | 0 |              |
| SOLOMAKHIN, I. S.<br>//STAL'//  |   | 000000162508 |
| 00/00/1978, V----, N0002, PP 0179-0181<br>OPTIMIZING SUPPLIES OF IRON-ORE RAW MATERIAL AND<br>COKING COALS TO BLAST-FURNACE PLANT.<br>#BISI 17365                   | 0 |              |
| SELYANIN, P. A.<br>//STAL'//  |   | 000000155136 |
| 00/00/1978, V----, N0002, PP 0182-0183<br>INVESTIGATION OF THE PROCEDURE FOR THE WARMING UP<br>OF THE DINAS CONCRETE WALL PANELS<br>BISI 17366                      | 0 |              |
| SELYANIN, P. A.<br>//STAL'//  |   | 000000162509 |
| 00/00/1978, V----, N0002, PP 0182-0183<br>INVESTIGATION OF THE PROCEDURE FOR THE WARMING<br>UP OF THE DINAS CONCRETE WALL PANELS<br>#BISI 17366                     | 0 |              |
| ERINOV, A. E.<br>//STAL'//  |   | 000000155135 |
| 00/00/1978, V----, N0002, PP 0185-0186<br>ACHIEVEMENTS AND FRESH PROBLEMS IN THE FIELD OF<br>DEVSING AND INTRODUCING GAS RADIATION TUBE FURNAN<br>BISI 17367        | 0 |              |
| YERINOV, A. E.<br>//STAL'//   |   | 000000162510 |
| 00/00/1978, V----, N0002, PP 0185-0186<br>ACHIEVEMENTS AND FRESH PROBLEMS IN THE FIELD OF<br>DEVSING AND INTRODUCING GAS RADIATION TUBE<br>FURNACES.<br>#BISI 17367 | 0 |              |
| KSENZUK, F. A.<br>//STAL'//   |   | 000000155128 |
| 00/00/1978, V----, N0002, PP 158<br>SOURCES OF SCALE FORMATION ON HOT ROLLED<br>LOW-CARBON STRIP<br>BISI 17359  | 0 |              |
| VIKHREV, N. A.<br>//STAL'//   |   | 000000155203 |
| 00/00/1978, V----, N0003, P 0256<br>PROCEDURE FOR CALCULATING THE DESIGN OF THE<br>GROOVES IN POINTING ROLLS FOR PRODUCING<br>HEXAGONAL METAL<br>BISI 27393         | 0 |              |
| ANDRONOV, V. N.   |   | 000000162484 |

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| <p>//STAL'//<br/>                     00/00/1978,V----,N0003, PP 0200-0201<br/>                     EVALUATION OF HEAT-EXCHANGE PROCESS DEVELOPMENT<br/>                     IN THE BLAST-FURNACE HEARTH.<br/>                     #BISI 17382</p>   | 000000162495 |
| <p>LUK'YANCHIKO, L. F.<br/>                     //STAL'//<br/>                     00/00/1978,V----,N0003, PP 0201-0203<br/>                     DRYING IRON-ORE CONCENTRATES IN A BED ON A GAS<br/>                     CUSHION<br/>                     #BISI 17380</p>  | 000000155224 |
| <p>TOVAROVSKII, I. G.<br/>                     //STAL'//<br/>                     00/00/1978,V----,N0003, PP 0203-0206<br/>                     WORKING INTENSITY AND COKE RATE UNDER PRESENT AND<br/>                     PROSPECTIVE BLAST FURNACE OPERATING CONDITIONS<br/>                     BISI 17381</p>                            | 000000162483 |
| <p>TOVAROVSKII, I. G.<br/>                     //STAL'//<br/>                     00/00/1978,V----,N0003, PP 0203-0206<br/>                     WORKING INTENSITY AND COKE RATE UNDER PRESENT<br/>                     AND PROSPECTIVE BLAST-FURNACE OPERATING CONDITIONS<br/>                     #BISI 17381</p>                           | 000000155223 |
| <p>ANDRONOV, V. N.<br/>                     //STAL'//<br/>                     00/00/1978,V----,N0003, PP 0209-0212<br/>                     EVALUATION OF HEAT-EXCHANGE PROCESS DEVELOPMENT IN<br/>                     THE BLAST-FURNACE HEARTH<br/>                     BISI 17382</p>  | 000000162485 |
| <p>BAGRYANTSEV, K. I.<br/>                     //STAL'//<br/>                     00/00/1978,V----,N0003, PP 0216-0218<br/>                     IMPROVING SLAG CONTROL AND THERMODYNAMICS OF<br/>                     OPEN HEARTH MELTING.<br/>                     17383</p>  | 000000155213 |
| <p>SOROKIN, N. M.<br/>                     //STAL'//<br/>                     00/00/1978,V----,N0003, PP 0225<br/>                     THE HANGING OF INGOTS IN INGOT MOULDS WITH HOT<br/>                     TOPS<br/>                     BISI 17384</p>  | 000000162486 |
| <p>SOROKIN, N. M.<br/>                     //STAL'//<br/>                     00/00/1978,V----,N0003, PP 0225<br/>                     THE HANGING OF INGOTS IN INGOT MOULDS WITH HOT TOP<br/>                     #BISI 17384</p>   | 000000155212 |
| <p>PARAYUK, P. F.<br/>                     //STAL'//<br/>                     00/00/1978,V----,N0003, PP 0227-0228<br/>                     DEVELOPING A CHEMICAL COMPOSITION AND PRODUCTION<br/>                     TECHNOLOGY FOR STEELS REQUIRED FOR HIGH DUTY<br/>                     CASTINGS<br/>                     BISI 17385</p> | 000000162487 |
| <p>PARASYUK, P. F.<br/>                     //STAL'//</p>  |              |



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| 00/00/1978,V----,N0003, PP 0227-0228<br>DEVELOPING A CHEMICAL COMPOSITION AND PRODUCTION<br>TECHNOLOGY FOR STEEL REQUIRED FOR HIGH DUTY<br>CASTING<br>#BISI 17385  | # |              |
| KANAEV, YU. P.<br>//STAL'//<br>00/00/1978,V----,N0003, PP 0228-0230<br>DEVELOPMENT OF A COMPOSITION AND TECHNOLOGY FOR<br>THE PRODUCTION OF MANGANESE AND MANGANESE<br>PHOSPHOROUS FERROSILICONS<br>BISI 17386               | # | 000000'62585 |
| KANAEV, YU. P.<br>//STAL'//<br>00/00/1978,V----,N0003, PP 0228-0230<br>DEVELOPMENT OF A COMPOSITION AND TECHNOLOGY FOR<br>THE PRODUCTION OF MANGANESE AND MANGANESE<br>PHOSPHOROUS FERROSILICONS<br>#BISI 17386              | # | 000000'62488 |
| KRAYCHENKO, V. A.<br>//STAL'//<br>00/00/1978,V----,N0003, PP 0230-0231<br>DEVELOPMENT OF A MELTING TECHNOLOGY FOR A<br>MANGANESE-SILICON-VANADIUM ALLOY<br>#BISI 17432   | # | 000000'62584 |
| CHEMOBRIYENKO, YU. S.<br>//STAL'//<br>00/00/1978,V----,N0003, PP 0232-0234<br>DEVELOPMENT AND INTRODUCTION OF A TECHNOLOGY FOR<br>THE PRODUCTION OF A ROLLED STOCK FOR SIZING<br>AND SUBSEQUENT COLD UPSETTING<br>BISI 17387 | # | 000000'66630 |
| CHEMOBRIYENKO, YU. S.<br>//STAL'//<br>00/00/1978,V----,N0003, PP 0232-0234<br>DEVELOPMENT AND INTRODUCTION OF A TECHNOLOGY FOR<br>THE PRODUCTION OF ROLLED STOCK FOR SIZING AND<br>SUBSEQUENT COLD UPSETTING<br>#BISI 17387  | # | 000000'62496 |
| BATIN, YU. T.<br>//STAL'//<br>00/00/1978,V----,N0003, PP 0239-0241<br>INVESTIGATION OF DUCTILE PROPERTY ANISOTROPY IN<br>FREE-CUTTING STEELS<br>BISI 17388   | # | 000000'55138 |
| BATIN, YU. T.<br>//STAL'//<br>00/00/1978,V----,N0003, PP 0239-0241<br>INVESTIGATION OF DUCTILE PROPERTY ANISOTROPY IN<br>FREE-CUTTING STEELS<br>#BISI 17388  | # | 000000'62497 |
| NALCHA, G. I.<br>//STAL'//<br>00/00/1978,V----,N0003, PP 0241-0243<br>INCREASING THE EFFICIENCY OF A HYDRAULIC DESCALER<br>ON A CONTINUOUS HOT-ROLLING MILL  | # | 000000'55202 |

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| <p>BISI 17389</p> <p>MALCHA, G. I.<br/> //STAL//<br/> 00/00/1978,V----,N0003, PP 0241-0243<br/> INCREASING THE EFFICIENCY OF A HYDRAULIC DESCALER<br/> ON A CONTINUOUS HOT-ROLLING MILL.<br/> #BISI 17389</p>  | 000000162498 |
| <p>DAIKER, A. L.<br/> //STAL//<br/> 00/00/1978,V----,N0003, PP 0244<br/> RECONSTRUCTION OF THE FLAME-SCARFING MACHINE OF<br/> THE 1300 BLOOM MILL OF CHELYABINSK IRON-STEEL<br/> WORKS AND MASTERING THE DRESSING TECHNOLOGY<br/> BISI 17390</p>     | 000000150930 |
| <p>DAIKER, A. L.<br/> //STAL//<br/> 00/00/1978,V----,N0003, PP 0244<br/> RECONSTRUCTION OF THE FLAME-SCARFING MACHINE OF THE<br/> 1300 BLOOM MILL OF CHELYABINSK IRON-AND STEELWORKS<br/> AND MASTERING THE DRESSING TECHNOLOGY<br/> #BISI 17390</p> | 000000162499 |
| <p>ERIKLINTSEV, V. V.<br/> //STAL//<br/> 00/00/1978,V----,N0003, PP 0248-0252<br/> OPTIMIZATION OF TUBE PRODUCTION ON THE TUBE<br/> ROLLING UNITS WITH PILGER MILLS<br/> BISI 17391</p>  | 000000156596 |
| <p>ERIKLINTSEV, V. V.<br/> //STAL//<br/> 00/00/1978,V----,N0003, PP 0248-0252<br/> OPTIMIZATION OF TUBE PRODUCTION OF TUBE-ROLLING<br/> UNITS WITH PILGER MILLS<br/> #BISI 17391</p>   | 000000162500 |
| <p>CHEPURKO, M. I.<br/> //STAL//<br/> 00/00/1978,V----,N0003, PP 0252-0254<br/> EXTRUSION OF FINNED TUBES IN HORIZONTAL PRESSES<br/> AND COLD SIZING<br/> BISI 17392</p>   | 000000155148 |
| <p>CHEPURKO, M. I.<br/> //STAL//<br/> 00/00/1978,V----,N0003, PP 0252-0254<br/> EXTRUSION OF FINNED TUBES IN HORIZONTAL PRESSES AN<br/> COLD SIZING.<br/> #BISI 17393</p>  | 000000162501 |
| <p>VIKHREY, N. A.<br/> //STAL//<br/> 00/00/1978,V----,N0003, PP 0256<br/> PROCEDURE FOR CALCULATING THE DESIGN OF THE<br/> GROOVES IN POINTING ROLLS FOR PRODUCING<br/> HEXAGONAL METAL.<br/> #BISI 17393</p>  | 000000162521 |
| <p>BULAT, S. I.<br/> //STAL//<br/> 00/00/1978,V----,N0003, PP 0259-0262</p>  | 000000162522 |

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| INFLUENCE OF BORON ON THE HOT WORKABILITY OF<br>STAINLESS STEELS<br>#BISI 17394  | • | 000000155150 |
| DORONIN, I. V.<br>//STAL'//<br>00/00/1978,V----,N0003, PP 0262-0263<br>INFLUENCE OF CHEMICAL COMPOSITION OF THE PROPERTIES<br>OF KH167VMTYU ALLOY<br>BISI 17395                          | • | 000000162523 |
| DORONIN, I. V.<br>//STAL'//<br>00/00/1978,V----,N0003, PP 0262-0263<br>INFLUENCE OF CHEMICAL COMPOSITION ON THE<br>PROPERTIES OF KH167VMTYU ALLOY<br>#BISI 17395                         | • | 000000151554 |
| MALINCHKA, YA. N.<br>//STAL'//<br>00/00/1978,V----,N0003, PP 0265-0267<br>CHANGES IN THE SULPHIDE INCLUSIONS IN 18KHGT<br>STEEL DURING HEATING TO HIGH TEMPERATURES<br>BISI 17396        | • | 000000162524 |
| MALINCHKA, YA. N.<br>//STAL'//<br>00/00/1978,V----,N0003, PP 0265-0267<br>CHANGES IN SULPHIDE INCLUSIONS IN 18KHGT DURING<br>HEATING TO HIGH TEMPERATURES.<br>#BISI 17396                | • | 000000155165 |
| KUGUSHIN, A. A.<br>//STAL'//<br>00/00/1978,V----,N0003, PP 0268-0272<br>PRODUCTION PLANNING IN THE SYSTEM STEEL ROLLED<br>PRODUCT<br>BISI 17397  | • | 000000155169 |
| ZHILYAEV, K. I.<br>//STAL'//<br>00/00/1978,V----,N0003, PP 0275-0277<br>EXPERIENCE IN DEVELOPING AN AUTOMATED SYSTEM OF<br>MATERIAL NORMS IN THE IRON AND STEEL INDUSTRY<br>BISI 17398   | • | 000000162526 |
| ZHILYAEV, K. I.<br>//STAL'//<br>00/00/1978,V----,N0003, PP 0275-0277<br>EXPERIENCE IN DEVELOPING AN AUTOMATED SYSTEM OF<br>MATERIALS NORMS IN THE IRON AND STEEL INDUSTRY<br>#BISI 17398 | • | 000000162528 |
| MEL'KHOV, V. P.<br>//STAL'//<br>00/00/1978,V----,N0003, PP 0280-0281<br>RECYCLE WATER SUPPLY TO GAS-CLEANING PLANT OF THE<br>MAGNITOGORSK-COMBINE 11M1 OPEN-HEARTH SHOP<br>#BISI 17399   | • | 000000155170 |
| LYASHENKO, L. E.<br>//STAL'//<br>00/00/1978,V----,N0003, PP 0281-0284<br>AUTOMATED CONTROL SYSTEMS FOR ENERGY SUPPLIES AT  |   |              |

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| METALLURGICAL WORKS<br>BISI 17400  | # |              |
| LYASHENKO, L. E.<br>//STAL//<br>00/00/1978,V----,N0003, PP 0281-0284<br>AUTOMATED CONTROL SYSTEMS FOR ENERGY SUPPLIES AT<br>METALLURGICAL WORKS<br>BISI 17400  | # | 000000'6252' |
| RAKITIN, A. N.<br>//STAL//<br>00/00/1978,V----,N0004, PP 0305-0306<br>HARD-FACING OF BLAST-FURNACE BELLS AND<br>HOPPERS WITH POWDER STRIO<br>BISI 17535  | # | 000000'5661' |
| KOLESNICHENKO, B. P.<br>//STAL//<br>00/00/1978,V----,N0004, PP 0337-0339<br>INVESTIGATION OF PRACTICE FOR THE PRODUCTION OF<br>STRIP FOR TRUCK FRAME SIDE MEMBERS FROM 15GYUT<br>STEEL<br>BISI 17542 | # | 000000'51562 |
| POGORZHEL'SKII, V. I.<br>//STAL//<br>00/00/1978,V----,N0004, PP 0346-0348<br>INFLUENCE OF ROLLING CONDITIONS ON THE PROPERTIES<br>OF HOT ROLLED PLATES OF 07G1FB STEEL<br>BISI 17544                 | # | 000000'55206 |
| KLIMENKO, V. M.<br>//STAL//<br>00/00/1978,V----,N0004, PP 0348-0349<br>TEMPERATURE FIELD OVER THE SECTION OF THE STOCK<br>DURING ROLLING<br>BISI 17545   | # | 000000'5663' |
| KOMAROV, A. N.<br>//STAL//<br>00/00/1978,V----,N0004, PP 0349<br>SERVICE OPERATION OF BALL SPINDLES AND COUPLING<br>IN ROLLING MILL DRIVES<br>BISI 17546   | # | 000000'55560 |
| PORGREBNDI, YE. N.<br>//STAL//<br>00/00/1978,V----,N0004, PP 0363-0366<br>IMPROVING THE FORMABILITY OF 12KH18N10T STEEL<br>BILLETS DURING PIERCING<br>BISI 17551                                     | # | 000000'56622 |
| FITYURIN, M.<br>//STAL//<br>00/00/1978,V----,N0004, PP 0368-0369<br>IMPROVING THE DURABILITY OF HOT-CUTTING BLADES<br>BISI 17552   | # | 000000'5518' |
| ZOLOTAREV, L. V.<br>//STAL//<br>00/00/1978,V----,N0004, PP 0369-0371<br>IMPROVING WORK ORGANIZATION AND CONTROL AT THE<br>MAGNITORSK COMBINE   | # | 000000'5516' |

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| BISI 17553  | # |              |
| CHAPLANDY, V. I.<br>//STAL'//<br>00/00/1978,V----,N0004, PP 0371-0373<br>IMPROVEMENT OF PRICE DETERMINATION WITH<br>REFERENCE TO PROPERTIES REQUIRED IN THE PRODUCT<br>BY THE CUSTOMER<br>BISI 17554  | # | 000000151543 |
| CHEPLANDY, V. I.<br>//STAL'//<br>00/00/1978,V----,N0004, PP 0371-0373<br>IMPROVEMENT OF PRICE DETERMINATION WITH REFERENCE<br>TO PROPERTIES REQUIRED IN THE PRODUCT BY THE<br>CUSTOMER<br>BISI 17554  | # | 000000165114 |
| GLASDUSH, V. M.<br>//STAL'//<br>00/00/1978,V----,N0004, PP 0375-0376<br>SELECTION OF A METHOD FOR HEATING TUBES IN<br>PAINTING FLOW LINES<br>BISI 17555   | # | 000000155191 |
| KUDRIN, B. I.<br>//STAL'//<br>00/00/1978,V----,N0004, PP 0376-0379<br>ORGANISATION AND MANAGEMENT OF ELECTRICAL SERVICES<br>AT METALLURGICAL ENTERPRISES<br>BISI 17556  | # | 000000155229 |
| SHURKAL, V. A.<br>//STAL'//<br>00/00/1978,V----,N0005, PP 0388-0391<br>DEPENDENCE OF CHEMICAL COMPLETENESS OF COMBUSTION<br>OF SOLID-FUEL CARBON ON GAS-PHASE OXYGEN<br>CONCENTRATION DURING SINTERING OF KMA IRON-ORE<br>MATERIALS<br>BISI 17717 | # | 000000155222 |
| LOGANDY, M. I.<br>//STAL'//<br>00/00/1978,V----,N0005, PP 0405-0408<br>IMPROVING THE QUALITY OF CONTINUOUSLY CAST<br>STRANDS OF CARBON AND ALLOY TOOL STEELS<br>BISI 17718  | # | 000000173406 |
| LOGANDY, M. I.<br>//STAL'//<br>00/00/1978,V----,N0005, PP 0405-0408<br>IMPROVING THE QUALITY OF CONTINUOUSLY CAST<br>STRANDS OF CARBON AND ALLOY TOOL STEELS<br>BISI 17718  | # | 000000221806 |
| FOMIN, N. A.<br>//STAL'//<br>00/00/1978,V----,N0005, PP 0411-0413<br>MODIFICATION WITH ALUMINIUM DURING CONTINUOUS<br>CASTING<br>BISI 17719   | # | 000000173405 |
| FOMIN, N. A.<br>//STAL'//   | # | 000000221805 |

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| 00/00/1978,V----,N0005, PP 0411-0413<br>MODIFICATION WITH ALUMINIUM DURING CONTINUOUS<br>CASTING<br>BISI 17719   | # |               |
| SKVORTSOV, A. A.<br>//STAL'//  |   | 000000'173524 |
| 00/00/1978,V----,N0005, PP 0416-0419<br>NON-UNIFORMITY OF THE SOLIDIFICATION FRONT<br>DURING THE FORMATION OF CONTINUOUSLY CAST BILLETS<br>BISI 17721  | # |               |
| SKVORTSOV, A. A.<br>//STAL'//  |   | 00000022'804  |
| 00/00/1978,V----,N0005, PP 0416-0419<br>NON-UNIFORMITY OF THE SOLIDIFICATION FRONT<br>DURING THE FORMATION OF CONTINUOUSLY CAST BILLETS<br>BISI 17721  | # |               |
| SAMDILOVICH, YU. A.<br>//STAL'//   |   | 000000'173523 |
| 00/00/1978,V----,N0005, PP 0425-0426<br>HEAT ENGINEERING RESEARCH INTO THE FORMATION OF<br>STEEL BILLETS IN SEMI-CONTINUOUS CASTING<br>PLANT WITH PERIODICAL DIVERY OF THE BILLETS<br>BISI 17723   | # |               |
| SAMDILOVICH, YU. A.<br>//STAL'//   |   | 00000022'803  |
| 00/00/1978,V----,N0005, PP 0425-0426<br>HEAT ENGINEERING RESEARCH INTO THE FORMATION OF<br>STEEL BILLETS IN SEMI CONTINUOUS CASTING PLANT<br>WITH PERIODICAL DELIVERY OF THE BILLETS<br>BISI 17723 | # |               |
| FROLOV, V. A.<br>//STAL'//   |   | 000000'173522 |
| 00/00/1978,V----,N0005, PP 0426-0428<br>RESEARCH INTO THE HEATING OF STEEL NOZZLES BY<br>MEANS OF ARC GAS HEATERS<br>BISI 17724  | # |               |
| FROLOV, V. A.<br>//STAL'//   |   | 00000022'802  |
| 00/00/1978,V----,N0005, PP 0426-0428<br>RESEARCH INTO THE HEATING OF STEEL NOZZLES BY<br>MEANS OF ARC GAS HEATERS<br>BISI 17724  | # |               |
| YEVTEEV, D. P.<br>//STAL'//  |   | 000000'173521 |
| 00/00/1978,V----,N0005, PP 0430-0432<br>THE DEOXIDATION AND ALLOYING OF STEEL WITH<br>ALUMINIUM IN CONTINUOUS CASTING<br>BISI 17726  | # |               |
| YEVTEYEV, D. P.<br>//STAL'//   |   | 00000022'801  |
| 00/00/1978,V----,N0005, PP 0430-0432<br>THE DEOXIDATION AND ALLOYING OF STEEL WITH<br>ALUMINIUM IN CONTINUOUS CASTING<br>BISI 17726  | # |               |
| GANTSEROVSKIY, D. G.   |   | 000000'9800'  |

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| //STAL'11<br>00/00/1978,V----,N0005, PP 0434-0436<br>THE INFLUENCE OF THE PRINCIPAL TECHNOLOGICAL<br>FACTORS ON THE PROCESS OF MELTING FERRO<br>MANGANESE IN RPZ-40M2 ELECTRIC FURNACES<br>BISI 17727                         | # | 000000227800 |
| GANTSEPOVSKIY, D. G.<br>//STAL'11<br>00/00/1978,V----,N0005, PP 0434-0436<br>THE INFLUENCE OF THE PRINCIPAL TECHNOLOGICAL<br>FACTORS ON THE PROCESS OF MELTING FERRO MANGANESE<br>IN RPZ-40M2 ELECTRIC FURNACES<br>BISI 17727 | # | 000000173539 |
| RUDNITSKIY, L. S.<br>//STAL'11<br>00/00/1978,V----,N0005, PP 0444-0448<br>CRITERIA FOR EVALUATING THE SERVICE PROPERTIES OF<br>CAST IRON ROLLS<br>BISI 17728  | # | 000000227826 |
| RUDNITSKIY, L. S.<br>//STAL'11<br>00/00/1978,V----,N0005, PP 0444-0448<br>CRITERIA FOR EVALUATING THE SERVICE PROPERTIES OF<br>CAST IRON ROLLS<br>BISI 17728  | # | 000000173540 |
| BADOLIN, A. F.<br>//STAL'11<br>00/00/1978,V----,N0005, PP 0448-0449<br>AUTOMATIC REGULATION OF THICKNESS OF ZINC COATING<br>BISI 17729  | # | 000000227827 |
| BADOLIN, A. F.<br>//STAL'11<br>00/00/1978,V----,N0005, PP 0448-0449<br>AUTOMATIC REGULATION OF THICKNESS OF A ZINC<br>COATING<br>BISI 17729   | # | 000000173542 |
| BOGATOV, A. A.<br>//STAL'11<br>00/00/1978,V----,N0005, PP 0450-0452<br>DRAWING STAINLESS TUBES ON A FLOATING MANDREL<br>BISI 17731  | # | 000000227809 |
| BOGATOV, A. A.<br>//STAL'11<br>00/00/1978,V----,N0005, PP 0450-0452<br>DRAWING STAINLESS TUBES ON A FLOATING MANDREL<br>BISI 17731  | # | 000000158508 |
| STATNIKOV, B. SH.<br>//STAL'11<br>00/00/1978,V----,N0006, PP 0487-0492<br>ANALYSIS OF THE HEAT-TECHNOLOGICAL FEATURES OF<br>IRON ORE PELLETS FIRING UNDER PRESSURE<br>BISI 17802  | # | 000000172725 |
| STATNIKOV, B. SH.<br>//STAL'11<br>00/00/1978,V----,N0006, PP 0487-0492  | # |              |

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| ANALYSIS OF THE HEAT-TECHNOLOGICAL FEATURES OF<br>IRON ORE PELLET FIRING UNDER PRESSURE<br>BISI 17802  | # | 000000160972 |
| KOLODA, S. F.<br>//STAL'//<br>00/00/1978,V----,N0006, PP 0502-0503<br>MAGNITUDE OF GAPS IN JOINTS BETWEEN THE ENDS OF<br>SINTERING MACHINE PALLETS<br>BISI 17804             | # | 000000300771 |
| KOLODA, S. F.<br>//STAL'//<br>00/00/1978,V----,N0006, PP 0502-0503<br>MAGNITUDE OF GAPS IN JOINTS BETWEEN THE ENDS OF<br>SINTERING MACHINE PALLETS<br>BISI 17804             | # | 000000196885 |
| ELANSKIY, G. N.<br>//STAL'//<br>00/00/1978,V----,N0006, PP 0505-0507<br>IMPROVING THE QUALITY OF BOILER TUBE STEEL<br>BISI 17805   | # | 000000160911 |
| MOLONOV, G. D.<br>//STAL'//<br>00/00/1978,V----,N0006, PP 0512-0513<br>SEGREGATION OF ARSENIC IN A LARGE PLATE INGOT OF<br>ARSENIC BEARING STEEL<br>BISI 17806               | # | 000000158503 |
| RADYA, V. S.<br>//STAL'//<br>00/00/1978,V----,N0006, PP 0513-0514<br>METHOD OF EVALUATING THE RESISTANCE OF BOTTOM<br>PLATES TO EROSION WHEN TOP POURING STEEL<br>BISI 17807 | # | 00000012120  |
| RADYA, V. S.<br>//STAL'//<br>00/00/1978,V----,N0006, PP 0513-0514<br>METHOD OF EVALUATING THE RESISTANCE OF BOTTOM<br>PLATES TO EROSION WHEN TOP POURING STEEL<br>BISI 17807 | # | 000000158504 |
| ZAL'TSMAN, E. S.<br>//STAL'//<br>00/00/1978,V----,N0006, PP 0518<br>LENGTHENING THE LIVES OF INGOT MOULDS FOR STEEL<br>FROM ELECTRIC FURNACES<br>BISI 17808                  | # | 00000012121  |
| ZAL'TSMAN, YE. S.<br>//STAL'//<br>00/00/1978,V----,N0006, PP 0518<br>LENGTHENING THE LIVES OF INGOT MOULDS FOR STEEL<br>FROM ELECTRIC FURNACES<br>BISI 17808                 | # | 000000160912 |
| BROOSKIY, A. YA<br>//STAL'//<br>00/00/1978,V----,N0006, PP 0519-0521<br>OBTAINING LOW CARBON FERROCHROME WITH THE USE<br>OF LIQUID FERROSILICHRONE                           | # |              |



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| BISI 17809  | # |              |
| KULAK, YU. E.<br>//STAL'//<br>00/00/1978,V----,N0006, PP 0523-0524<br>MASTERING A NEW N160 SECTION FOR THE SIDES OF<br>COAL CONVEYOR CHUTES<br>BISI 17810               | # | 00000015849* |
| KULAK, YU. E.<br>//STAL'//<br>00/00/1978,V----,N0006, PP 0523-0524<br>MASTERING A NEW N160 SECTION FOR THE SIDES OF<br>COAL CONVEYOR CHUTES<br>BISI 17810               | # | 000000172714 |
| KRYUKOV, G. YA.<br>//STAL'//<br>00/00/1978,V----,N0006, PP 0525-0527<br>FACILITIES AND SYSTEMS OF AUTOMATION OF CONTINUOUS<br>SECTION AND WIRE ROD MILLS<br>BISI 17811  | # | 000000160983 |
| KRYUV, G. YA.<br>//STAL'//<br>00/00/1978,V----,N0006, PP 0525-0527<br>FACILITIES AND SYSTEMS OF AUTOMATION OF<br>CONTINUOUS SECTION AND WIRE ROD MILLS<br>BISI 17811    | # | 000000300782 |
| SAGITOV, G. A.<br>//STAL'//<br>00/00/1978,V----,N0006, PP 0527-0528<br>OBTAINING GEAR RACKS BY LONGITUDINAL PERIODIC<br>ROLLING<br>BISI 17812                           | # | 000000158498 |
| SAGITO, G. A.<br>//STAL'//<br>00/00/1978,V----,N0006, PP 0527-0528<br>OBTAINING GEAR RACKS BY LONGITUDINAL PERIODIC<br>ROLLING<br>BISI 17812                            | # | 000000172715 |
| KAGAN, YE. S.<br>//STAL'//<br>00/00/1978,V----,N0006, PP 0530-0531<br>INVESTIGATION OF THE DEFORMATION RESISTANCE<br>OF STEELS USING EXPERIMENT DESIGNING<br>BISI 17813 | # | 000000160943 |
| BOYARSHINOV, M. I.<br>//STAL'//<br>00/00/1978,V----,N0006, PP 0531-0532<br>PREDICTION OF WORK ROLL WEAR DURING HOT ROLLING<br>BISI 17814                                | # | 000000158500 |
| BOYARSHINOV, M. I.<br>//STAL'//<br>00/00/1978,V----,N0006, PP 0531-0532<br>PREDICTION OF WORK ROLL WEAR DURING HOT ROLLING<br>BISI 17814                                | # | 000000172717 |
| FEDROV, M. I.   |   | 000000158499 |

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| <p>//STAL'//<br/>                     00/00/1978,V----,N0006, PP 0532-0533<br/>                     INVESTIGATION OF THE QUALITY STABILITY OF RAIL<br/>                     STRAIGHTENING ON ROLLER-STRAIGHTENING MACHINES<br/>                     BISI 17815</p>  | # | 000000'12716  |
| <p>FEDROV, M. I.<br/>                     //STAL'//<br/>                     00/00/1978,V----,N0006, PP 0532-0533<br/>                     INVESTIGATION OF THE QUALITY STABILITY OF RAIL<br/>                     STRAIGHTENING ON ROLLER-STRAIGHTENING MACHINES<br/>                     BISI 17815</p>                                 | # |               |
| <p>NOSAL, V. V.<br/>                     //STAL'//<br/>                     00/00/1978,V----,N0006, PP 0535-0538<br/>                     WAYS OF PERFECTING TUBE DRAWING PRODUCTION<br/>                     BISI 17816</p>  | # | 000000'160985 |
| <p>NOSAL, V. V.<br/>                     //STAL'//<br/>                     00/00/1978,V----,N0006, PP 0535-0538<br/>                     WAYS OF PERFECTING TUBE DRAWING PRODUCTION<br/>                     BISI 17816</p>  | # | 000000'300784 |
| <p>GAYRILIN, P. M.<br/>                     //STAL'//<br/>                     00/00/1978,V----,N0006, PP 0538-0540<br/>                     PERFECTING THE PRODUCTION OF COLD-DRAWN TUBES<br/>                     BISI 17817</p>  | # | 000000'158511 |
| <p>GAYRILIN, P. M.<br/>                     //STAL'//<br/>                     00/00/1978,V----,N0006, PP 0538-0540<br/>                     PERFECTING THE PRODUCTION OF COLD-DRAWN TUBES<br/>                     BISI 17817</p>  | # | 000000'127128 |
| <p>KLOCHKOVSKIY, S. P.<br/>                     //STAL'//<br/>                     00/00/1978,V----,N0006, PP 0541-0543<br/>                     HIGH SPEED ELECTROCHEMICAL PASSIVATION OF<br/>                     GALVANIZED WIRE IN THE PRODUCTION FLOW<br/>                     BISI 17818</p>  | # | 000000'160954 |
| <p>PLUTIN, YA. M.<br/>                     //STAL'//<br/>                     00/00/1978,V----,N0006, PP 0546<br/>                     IMPROVEMENTS IN THE QUALITY OF STEEL-COPPER WIRE<br/>                     PRODUCED BY METALLURGICAL METHODS<br/>                     BISI 17819</p>  | # | 000000'19521  |
| <p>KIREYEV, I. N.<br/>                     //STAL'//<br/>                     00/00/1978,V----,N0006, PP 0547<br/>                     NEW PRODUCTION TECHNOLOGY FOR SPECIAL SHAPE SAW<br/>                     BLADE SECTION USING A NON-POWER-DRIVEN ROLLER<br/>                     DRAW PLATE<br/>                     BISI 17820</p> | # | 000000'188224 |
| <p>TALOY, N. P.<br/>                     //STAL'//<br/>                     00/00/1978,V----,N0006, PP 0554-0557<br/>                     ANNEALING OF 6KH13 CORROSION RESISTING STEEL FOR<br/>                     PRODUCTION OF RAZOR BLADE STRIP</p>   | # | 000000'160920 |

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| BTST 17821  |  |              |
| GUPALO, B. L.<br>//STAL//<br>00/00/1978,V----,N0006, PP 0560-0563<br>IMPROVING OPERATIONAL CONTROL OF TRANSPORT AT<br>ENTERPRISES OF THE IRON AND STEEL INDUSTRY BY<br>MINISTRY OF COMMUNICATIONS TRANSPORT<br>BISI 17824 |  | 000000160986 |
| GUPALO, B. L.<br>//STAL//<br>00/00/1978,V----,N0006, PP 0560-0563<br>IMPROVING OPERATIONAL CONTROL OF TRANSPORT AT<br>ENTERPRISES OF THE IRON AND STEEL INDUSTRY BY<br>MINISTRY OF COMMUNICATIONS TRANSPORT<br>BISI 17824 |  | 000000300798 |
| ZHDANOV, A. I.<br>//STAL//<br>00/00/1978,V----,N0006, PP 0571-0572<br>METHOD OF FIXING NORMS FOR ELECTRICAL ENERGY<br>CONSUMPTION IN CONTINUOUS HOT WIDE STRIP ROLLING<br>MILLS<br>BISI 17827                             |  | 000000160945 |
| FEDORENKO, N. V.<br>//STAL//<br>00/00/1978,V----,N0007, PP 0580-0582<br>PREPARATION OF SIDERITE ORES AND THEIR<br>UTILISATION IN THE BLAST FURNACE<br>BISI 17865  |  | 000000174796 |
| MAIZEL, G. M.<br>//STAL//<br>00/00/1978,V----,N0007, PP 0585-0587<br>EVALUATION OF FUEL CONSUMPTION FOR FIRING IRON<br>ORE PELLETS<br>BISI 17866  |  | 000000174788 |
| ANTIPIN, V. G.<br>//STAL//<br>00/00/1978,V----,N0007, PP 0596-0597<br>REDUCING THE NITROGEN CONTENT OF STEEL MELTED<br>IN TANDEM OR TWIN HEARTH FURNACES<br>BISI 17867  |  | 000000174797 |
| KUZ'KINA, N. N.<br>//STAL//<br>00/00/1978,V----,N0007, PP 0600-0603<br>DEOXIDATION AND AFTER FURNACE TREATMENT OF<br>LOW CARBON STEEL WITH ALUMINIUM<br>BISI 17869  |  | 000000174791 |
| KHASIN, G. A.<br>//STAL//<br>00/00/1978,V----,N0007, PP 0603<br>REDUCING THE EXTENT TO WHICH AN INGOT IS AFFECTED<br>BY OXIDE INCLUSIONS<br>BISI 17870  |  | 000000174790 |
| KUZ'MIN, A. L.<br>//STAL//<br>00/00/1978,V----,N0007, PP 0603-0605  |  | 000000174789 |

00/00/1978, V----, N0007, PP 0536-0590  
PERFECTING THE PRODUCTION OF COLD-DRAWN TUBES  
BISI 17817

LIFE OF LANCES FOR INJECTING METAL  
BISI 17871

SHEL'GAYEVA, A. V.

//STAL'//

00/00/1978, V----, N0007, PP 0605-0608  
QUALITY OF KH173MBTYU ALLOY AFTER ELECTROSLAG  
REFINING AND VACUUM ARC REMELTING  
BISI 17872

RULEY, V. A.

//STAL'//

00/00/1978, V----, N0007, PP 0608-0610  
OPTIMIZING THE MELTING CONDITIONS IN AN  
INCREASED POWER 200 T ELECTRIC FURNACE  
BISI 17873

GALKIN, D. P.

//STAL'//

00/00/1978, V----, N0007, PP 0622-0623  
MASTERING NEW ECONOMICAL SECTIONS ON  
MAGNITOGORSK-COMBINE (MMK) ROLLING MILLS  
BISI 17877

MAZUR, V. L.

//STAL'//

00/00/1978, V----, N0007, PP 0629-0633  
RATIONAL METHODS OF ROLLING BUTT-WELDED STRIP  
BISI 17879

BORISOV, YU. A.

//STAL'//

00/00/1978, V----, N0007, PP 0638  
PRODUCTION OF STAINLESS STEEL STRIP ROLLED  
PRODUCT

000000'14786

000000'14798

000000'18374

000000'18476

000000'18477