ADA091951	OLD THEORIES VERSUS CHANGING ENVIRONMENT
ADA091952	FEASIBILITY STUDY OF THE COMBINATION OF MNOS ELEMENTS AND BIPOLAR TTL PERIPHERALS ON AN LSI CIRCUIT CHIP
ADA091953	SPACECRAFT CHARGING STANDARD REPORT
ADA091954	MULTI-SENSOR DETECTION STUDY
ADA091955	DESIGN STUDY FOR GROUND-BASED ATMOSPHERIC LIDAR SYSTEM
ADA091956	APPLICATION OF MULTIDIMENSIONAL SCALING TO DECISION SITUATION PRIORITIZATION AND DECISION AID DESIGN
ADA091957	AUTOMATIC ERASURE OF RELEASED DISK SPACE ON AN IBM 370 COMPUTER USING THE MVS OPERATING SYSTEM
ADA091958	ON THE ROLE OF SURFACE STATES IN SEMICONDUCTOR ELECTRODE PHOTOELECTROCHEMICAL CELLS
ADA091959	ADVANCED SATELLITE HARDWARE/SOFTWARE SYSTEM STUDY
ADA091960	DISTRIBUTIONS OF SOME MATRIX VARIATES AND LATENT ROOTS IN MULTIVARIATE BEHRENS-FISHER DISCRIMINANT ANALYSIS
ADA091961	INTERDIFFUSION OF METALS AND SEMICONDUCTORS
ADA091962	STRAIN MEASUREMENTS ON MIRAGE WING SPAR WITH BFRP PATCH FITTED TO DRAIN-HOLE REGION
ADA091963	OVERHEAD COSTS AND RATES IN THE U.S. DEFENSE INDUSTRIAL BASE. VOLUME 1
ADA091964	DOES GANG RIPPING HOLD THE POTENTIAL FOR HIGHER CLEAR CUTTING YIELDS
ADA091969	COMPUTER-AIDED ENGINEERING OF SEMICONDUCTOR INTEGRATED CIRCUITS
ADA091970	THE STUDY OF PRODUCTION LEADTIME FORECASTING MODELS
ADA091971	VISCOUS FLOW OVER ARBITRARY GEOMETRIES AT HIGH ANGLE OF ATTACK
ADA091972	ADDITION OF A 5/CM SPECTRAL RESOLUTION BAND MODEL OPTION TO LOWTRAN5
ADA091973	THE HETEROGENEOUS PHOTOCATALYTIC DECOMPOSITION OF BENZOIC ACID AND ADIPIC ACID ON PLATINIZED TIO2 POWDER. THE PHOTO-KOLBE DECARBOXYLATIVE ROUTE TO THE BREAKDOWN OF THE BENZENE RING AND TO THE PRODUCTION TO BUTANE
ADA091975	ATTRACTIVITY PROPERTIES OF ALPHA-CONTRACTIONS
ADA091976	TUNNEL BORING MACHINE TECHNOLOGY FOR A DEEPLY BASED MISSILE SYSTEM. VOLUME I, APPLICATION FEASIBILITY. PART 1
ADA091977	DISTANCE MEASURING EQUIPMENT TRAFFIC-LOADING CAPACITY INVESTIGATION
ADA091978	CALCULATION OF MULTIPLE BURST INTERACTIONS FOR SIX SIMULTANEOUS

DoD Tech Reports | Order Form | Catalog | Part 685 of 1597 | Page 2 of 23

	EXPLOSIONS OF 120 TON ANFO CHARGES
ADA091979	JOB PERFORMANCE AID: JOB AND TASK ANALYSIS
ADA091980	BACKSCATTER MEASUREMENTS OF 11-CM EQUATORIAL SPREAD-F IRREGULARITIES
ADA091981	AN IMPROVED FLIGHT DATA TRANSCRIBER
ADA091982	ANALYSIS OF GAS DISSOCIATION SOLAR THERMAL POWER SYSTEM
ADA091983	HGCDTE FABRICATION USING DIRECTED ENERGY TECHNIQUES
ADA091984	RELATIONSHIP BETWEEN MS AND MB FOR SMALL EARTHQUAKES IN UZBEKISTAN, USSR
ADA091985	INTEGRATED CODING AND WAVEFORM DESIGN STUDY
ADA091986	INFLATABLE LIFERAFT STABILITY STUDY
ADA091987	OPTIMIZATION OF MULTICHANNEL PROCESSING
ADA091988	MANUFACTURING METHODS AND TECHNOLOGY (MMT) PROGRAM FOR FY 80, LARGE CALIBER WEAPONS SYSTEM LABORATORY, ARRADCOM
ADA091989	FINAL TECHNICAL REPORT, 15 SEPTEMBER 1975-14 JULY 1980
ADA091991	STUDY OF THE ANATOMY OF THE X-RAY AND NEUTRON PRODUCTION SCALING LAWS IN THE PLASMA FOCUS
ADA091992	AN HP-67 COMBAT MODEL
ADA091993	IMAGE APPROXIMATION FROM GRAYSCALE 'MEDIAL AXES'
ADA091994	ARCHITECTURE FOR HIGHER LEVEL DIGITAL IMAGE PROCESSING
ADA091995	GRADIENT MAGNITUDE AS AN AID IN COLOR PIXEL CLASSIFICATION
ADA091996	PIXEL CLASSIFICATION BASED ON GRAY LEVEL AND LOCAL 'BUSYNESS'
ADA092009	NAVY MANAGER'S GUIDE FOR THE DESIGN SECTIONS OF MIL-H-46855
ADA092010	SPEECH ALGORITHM OPTIMIZATION AT 16 KBPS
ADA092011	TWO-STAGE SERVOVALVE DEVELOPMENT USING A FIRST-STAGE FLUIDIC AMPLIFIER
ADA092012	TUNNEL BORING MACHINE TECHNOLOGY FOR A DEEPLY BASED MISSILE SYSTEM. VOLUME I, APPLICATION FEASIBILITY. PART 2
ADA092013	TUNNEL BORING MACHINE TECHNOLOGY FOR A DEEPLY BASED MISSILE SYSTEM. VOLUME II. STATE-OF-THE-ART REVIEW
ADA092015	GUIDANCE AND CONTROL OF ANTI-TACTICAL BALLISTIC MISSILES
ADA092016	SPECIAL AVIATION FIRE AND EXPLOSION REDUCTION (SAFER) ADVISORY COMMITTEE. VOLUME I
ADA092017	DISCRETE SCATTERING APPROACH TO VEGETATION MODELING
ADA092018	AIRPORT GROUND ACCESS PLANNING GUIDE
ADA092019	AD HOC SUB-GROUP INTERIM REPORT ON NATIONAL TRAINING CENTER

г	
ADA092020	EVALUATION OF THE 175/40 INITIAL ENTRY ROTARY WING FLIGHT TRAINING PROGRAM. VOLUME I. EXECUTIVE SUMMARY
ADA092021	EVALUATION OF THE 175/40 INITIAL ENTRY ROTARY WING FLIGHT TRAINING PROGRAM. VOLUME II. EVALUATION REPORT
ADA092022	WOOD PRODUCTS USED IN MILITARY CONSTRUCTION IN THE UNITED STATES - 1962 AND 1978
ADA092023	WOOD PRODUCTS USED IN CONSTRUCTING CONSERVATION AND DEVELOPMENT PROJECTS BY THE CORPS OF ENGINEERS IN THE UNITED STATES - 1962 AND 1978
ADA092024	EUROPEAN SCIENTIFIC NOTES. VOLUME 33, NUMBER 5
ADA092025	COASTAL REMOTE SENSING INVESTIGATIONS. VOLUME 1. MARINE ENVIRONMENT
ADA092026	UNIVERSITY CURRICULA IN THE MARINE SCIENCES AND RELATED FIELDS. ACADEMIC YEARS 1969-70 AND 1970-71
ADA092027	DESIGN OF FLUIDIC DEVICES FOR SMALL ARMS STABILIZATION
ADA092028	DETERMINATION OF FLOW DIRECTION WITH PRESSURE PROBES
ADA092029	CONCEPTS FOR UTILIZATION OF VIDEO DISCS IN MILITARY APPLICATIONS
ADA092030	ADAPTIVE ANTENNA CONTROL (AAC) PROGRAM
ADA092031	EVALUATION OF TIME DOMAIN EM COUPLING TECHNIQUES. VOLUME I
ADA092032	EVALUATION OF TIME DOMAIN EM COUPLING TECHNIQUES. VOLUME II
ADA092033	HARWELL SUBROUTINE LIBRARY. A CATALOGUE OF SUBROUTINES (1973)
ADA092034	HARWELL SUBROUTINE LIBRARY. A CATALOGUE OF SUBROUTINES (1973). SUPPLEMENT NUMBER 2
ADA092035	PROCEEDINGS OF THE TRADOC/TRAINING DEVELOPMENTS INSTITUTE CHIEFS OF ANLAYSIS SEMINAR (4TH) HELD IN HAMPTON, VIRGINIA, 16-18 JULY 1980
ADA092036	NATIONAL DAM SAFETY PROGRAM. NANTICOKE CREEK WATERSHED PROJECT SITE 10 DAM (INVENTORY I.D. NUMBER NY 713, DEC 85D-3946, SUSQUEHANNA RIVER BASIN, BROOME COUNTY, NEW YORK, PHASE I INSPECTION REPORT
ADA092037	NATIONAL DAM SAFETY PROGRAM, BROWNS RESERVOIR DAM (INVENTORY NUMBER ID NY-763, DEC NUMBER 232 BE-4361), LONG ISLAND BASIN, WESTCHESTER COUNTY, NEW YORK. PHASE I INSPECTION REPORT
ADA092038	NATIONAL DAM SAFETY PROGRAM. MT. BEACON RESERVOIR (INVENTORY NUMBER NY- 26), HUDSON RIVER BASIN, DUTCHESS COUNTY, NEW YORK. PHASE I INSPECTION REPORT
ADA092039	NATIONAL DAM SAFETY PROGRAM. MORGAN LAKE DAM (INVENTORY NUMBER NY-787), HUDSON RIVER BASIN, DUTCHESS COUNTY, NEW YORK. PHASE I INSPECTION REPROT
ADA092040	NATIONAL DAM SAFETY PROGRAM. HARLEM VALLEY RESERVOIR (INVENTORY NUMBER N.Y. 273), HOUSATONIC RIVER BASIN, DUTCHESS COUNTY, NEW YORK. PHASE I INSPECTION REPORT
	•

DoD Tech Reports | Order Form | Catalog | Part 685 of 1597 | Page 4 of 23

ADA092041	LASER TRANSMISSOMETER, INSTALLATION, ALIGNMENT AND INSTRUCTION MANUAL
ADA092042	NATIONAL DAM SAFETY PROGRAM. GARNERVILLE DAM (INVENTORY NUMBER N.Y. 744), HUDSON RIVER BASIN, ROCKLAND COUNTY, NEW YORK. PHASE I INSPECTION REPORT
ADA092043	PROCEEDINGS OF OSD AIRCRAFT ENGINE DESIGN & LIFE CYCLE COST SEMINAR HELD AT NAVAL AIR DEVELOPMENT CENTER, WARMINSTER, PENNSYLVANIA, MAY 17, 18 & 19, 1978
ADA092044	A DOUBLE-ENDED, UNSTABLE RESONATOR SUBMILLIMETER LASER
ADA092051	OFF-AXIS PROPAGATION OF A LASER BEAM IN LOW VISIBILITY WEATHER CONDITIONS
ADA092054	MANAGEMENT BY OBJECTIVE IN THE AIR FORCE TACTICAL AIR COMMAND TELECOMMUNICATION ENVIRONMENT
ADA092055	NETWORK MANAGEMENT RESEARCH
ADA092056	FOOD SYSTEM SUPPORT OF THE RELOCATION STRATEGY IN CALIFORNIA. VOLUME I. ANALYSIS
ADA092057	MODAL ANALYSIS FOR AIRCRAFT RESPONSE TO RUNWAY SURFACE ROUGHNESS
ADA092058	A NEW THEORY FOR STRIATIONS WITH EXPERIMENTAL VERIFICATIONS
ADA092059	HARDWARE AND PERFORMANCE EVALUATION: TETHERED FLOAT BREAKWATER NEAR-SHORE OCEAN MODEL
ADA092060	LAUNDRY HEAT RECOVERY, USMA, WEST POINT
ADA092061	A QUALITATIVE THEORETICAL CHARACTERIZATION OF HIGH ENERGY EXCITATION CROSS SECTIONS
ADA092062	PROPAGATION, SCATTERING, AND REFLECTION OF WAVES IN CONTINUOUS AND RANDOM INHOMOGENEOUS MEDIA, AND NONLINEAR BOUNDARY VALUE PROBLEMS
ADA092063	ARMY AVIATION MAINTENANCE CAREER MANAGEMENT FIELD 67 STUDY
ADA092065	ARPANET ROUTING ALGORITHM IMPROVEMENTS. VOLUME 1
ADA092066	DIVISION REAL TIME APPLICATIONS REPORT (DIVRAS)
ADA092067	DIVISION REAL TIME APPLICATIONS REPORT (DIVRAS), SOFTWARE FUNCTIONAL DESCRIPTION
ADA092068	INFRARED MEASUREMENT VARIABILITY ANALYSIS
ADA092069	GASDYNAMIC PARTICLE ACCELERATORS - AN OPTIMIZATION
ADA092070	FUNCTIONAL CAPABILITIES DESCRIPTION (FCD) FOR THE CORPS INFORMATION MANAGEMENT SYSTEM (CIMS)
ADA092071	HIBAL PROGRAM PRELIMINARY WARHEAD-DESIGN. VOLUME I

DoD Tech Reports | Order Form | Catalog | Part 685 of 1597 | Page 5 of 23

ADA092073	FAR INFRARED MERCURY-CADMIUM-TELLURIDE PHOTOCONDUCTIVE DETECTORS
ADA092074	THE EFFECT OF CRACK TIP PLASTICITY ON THE DETERMINATION OF DYNAMIC STRESS INTENSITY FACTORS BY THE OPTICAL METHOD OF CAUSTICS
ADA092075	SURFACES IN THREE-DIMENSIONAL DIGITAL IMAGES
ADA092076	BURN-IN OF UNCASED SEMICONDUCTORS. A FEASIBILITY STUDY
ADA092077	CIRCULARLY POLARIZED MEASUREMENTS OF RADAR BACKSCATTER FROM TERRAIN AND SNOW-COVERED TERRAIN
ADA092078	MANUFACTURING METHODS AND TECHNOLOGY MEASURE FOR FABRICATION OF SILICON TRANSCALENT RECTIFIER
ADA092079	MANUFACTURING METHODS AND TECHNOLOGY (MM&T) MEASURE FOR FABRICATION OF SILICON TRANSCALENT TRANSISTOR
ADA092089	INVESTIGATIONS OF SEA ICE ANISOTROPY, ELECTROMAGNETIC PROPERTIES, STRENGTH, AND UNDER-ICE CURRENT ORIENTATION
ADA092090	EXPERIENCE OF SOVIET MEDICINE IN A GREAT PATRIOTIC WAR, 1941-1945. VOLUME 16, SECTION 1
ADA092091	EXPERIENCE OF SOVIET MEDICINE IN A GREAT PATRIOTIC WAR, 1941-1945. VOLUME 16, SECTION 2
ADA092092	EXPERIENCE OF SOVIET MEDICINE IN A GREAT PATRIOTIC WAR, 1941-1945. VOLUME 16, SECTION 3
ADA092093	EXPERIENCE OF SOVIET MEDICINE IN A GREAT PATRIOTIC WAR, 1941-1945. VOLUME 16, SECTION 4
ADA092094	ANALYSIS OF COMBUSTION AND HEAT TRANSFER IN A POROUS GRAPHITE MEDIUM
ADA092095	PROBLEMS OF RELIABILITY OF SEMICONDUCTOR INTEGRATED CIRCUITS IN PLASTIC HOUSINGS
ADA092096	LASER LIGHT FIBER COMMUNICATION
ADA092097	A 20 YEARS' SURVEY OF LASER SCIENCE AND TECHNOLOGY IN CHINA. II
ADA092098	TELECOMMUTATION EQUIPMENT PRODUCED BY TELKOM-ZWUT PLANTS
ADA092099	WAYS FOR PROVIDING A HIGH-SPEED ANALOG-TO-DIGITAL CONVERTER WITH WIDE DYNAMIC RANGE
ADA092100	NEW PRINCIPLES IN WEAPONS
ADA092101	ULTRASOUNDS IN THE TREATMENT OF RESULTS OF TRAUMATIC LESIONS AND THEIR COMPLICATIONS
ADA092102	A MULTI-ELECTRODE DISCHARGER
ADA092103	POSER - A PROCESS ORGANISATION TO SIMPLIFY ERROR RECOVERY
ADA092104	MICROWAVE FREQUENCY MEMORY

ADA092105	THE WEATHERING OF PLASTICS MATERIALS IN THE TROPICS. 5. POLYPHENYLENE OXIDE AND NORYL
ADA092106	SOLDIER SATISFACTION WITH LIFE IN RESTRUCTURED UNITS DURING PHASE 1 OF THE RESTRUCTURING OF THE HEAVY DIVISION TEST
ADA092107	NEUTRON DOSIMETRY USING A TISSUE-EQUIVALENT IONIZATION CHAMBER
ADA092108	PERSONNEL MANAGEMENT IN THE ALL-VOLUNTEER FORCE STUDY
ADA092109	EVALUATION/REDESIGN OF THE F-105 PITCH RATE GYRO PACK
ADA092110	EXPERIMENTAL DUNE RESTORATION AND STABILIZATION, NAUSET BEACH, CAPE COD, MASSACHUSETTS
ADA092111	TEN-BIT RESOLUTION PCM ENCODER (FALLING SPHERE EXPERIMENT)
ADA092112	1980 SUMMER STUDY ON STATISTICAL TECHNIQUES IN ARMY TESTING
ADA092113	INFORMATION PROCESSING TECHNIQUES PROGRAM. VOLUME 1. PACKET SPEECH SYSTEMS TECHNOLOGY
ADA092114	PERFORMANCE OF ANDVT HF MODEM WITH PEAK CLIPPING
ADA092125	AGARD INDEX OF PUBLICATIONS, 1977 - 1979
ADA092126	AN EVALUATION OF THE APPLICATION OF ISD TO P-3 PILOT TRAINING
ADA092127	OVERWATER OPTICAL SCINTILLATION MEASUREMENTS DURING MAGAT-1980
ADA092128	A NEW ALGORITHM FOR TWO-DIMENSIONAL MAXIMUM ENTROPY POWER SPECTRUM ESTIMATION
ADA092129	PILOT AUTOMATED INFLUENCE DIAGRAM DECISION AID
ADA092130	A NEW METHOD AND COMPOSITION FOR CLEANING METAL SURFACES
ADA092132	ANALYSIS OF FLUE GAS DESULFURIZATION (FGD) PROCESSES FOR POTENTIAL USE ON ARMY COAL-FIRED BOILERS
ADA092133	DOCUMENTATION FOR AN IMPROVED VERSION OF HULIMP, A SHIP HULL IMPROVEMENT COMPUTER PROGRAM BASED ON THE BABA THEORY
ADA092134	A STATISTICAL STUDY OF MONTHLY STORMINESS AND SEA SURFACE TEMPERATURE ANOMALIES OVER THE NORTH PACIFIC OCEAN
ADA092135	AN EXPERIMENTAL INVESTIGATION OF THE DUAL CHAMBER ROCKET MOTOR
ADA092136	RADIO DIRECTION FINDING ON HIGH FREQUENCY SHORT DURATION SIGNALS
ADA092137	DESIGN OF A SYSTEM INITIALIZATION MECHANISM FOR A MULTIPLE MICROCOMPUTER
ADA092138	VALIDATION OF A TWO-DIMENSIONAL PRIMITIVE VARIABLE COMPUTER CODE FOR FLOW FIELDS IN JET ENGINE TEST CELLS
ADA092139	IMPROVEMENT IN TROPICAL CYCLONE FORECASTS BY MULTIPLE LINEAR REGRESSION EQUATION ADJUSTMENT OF ANALOG TRACKS
ADA092140	MEASUREMENT OF PERFORMANCE PARAMETERS FOR A FLIR THERMAL IMAGING SYSTEM

ADA092141	ELECTRONIC DESIGN OF AN ELECTRONIC HIGH TORQUE-TO-INERTIA SERVOSYSTEM. CANDIDATE SYSTEM USES INCLUDE MISSILE GUIDANCE, SURVEILLANCE, AND TRACKING
ADA092142	RAPID MELTING AND SOLIDIFICATION OF A SURFACE DUE TO A MOVING HEAT FLUX
ADA092143	FAB CODE COMPUTATIONS OF A 1-KT NUCLEAR FREE-AIR BLAST WAVE TO LOW SHOCK OVERPRESSURES
ADA092144	THE GULF STREAM MEANDERS EXPERIMENT. HYDROGRAPHIC DATA REPORT. R/V ENDEAVOR CRUISES, EN-040 (2-8 AUGUST 1979) EN-045 (16-23 NOVEMBER 1979)
ADA092145	ASSESSMENT OF NON-INVASIVE METHODS OF MEASURING BONE REPAIR IN NAVAL CASUALTY VICTIMS
ADA092146	VIDEO STREAM PROCESSORS: A COST-EFFECTIVE COMPUTATIONAL ARCHITECTURE FOR IMAGE PROCESSING
ADA092147	THE SOTAS-SCOUT-AAH/HELLFIRE SYSTEM
ADA092148	A MASS-SPECTROMETRIC INVESTIGATION OF CHEMICAL ASPECTS OF SEVERAL ENERGETIC PROPELLANTS AND EXPLOSIVES
ADA092149	EFFECTIVE SHEAR MODULUS FOR FLEXURAL AND EXTENSIONAL WAVES IN AN UNLOADED THICK PLATE
ADA092150	PHYSICAL LIMITATIONS AND DESIGN CRITERIA FOR A SOLID-STATE GYROTRON
ADA092151	SPATIAL COHERENCE MEASUREMENTS AND EVALUATION OF A NOISE REDUCTION TECHNIQUE FOR AMBIENT NOISE FROM 0.3 TO 40 HZ
ADA092152	SATELLITE MEASUREMENTS OF ATMOSPHERIC AEROSOLS
ADA092153	ARCHITECTURE FOR HIGHER LEVEL DIGITAL IMAGE PROCESSING
ADA092154	CONCEPT FOR THEATER INTEGRATED NUCLEAR/NONNUCLEAR OPERATIONS
ADA092155	AN ASSESSMENT OF THE HYPOTHETICAL IMPACT OF DRUG ABUSE ON COMBAT CAPABILITY. VOLUME II
ADA092156	THE SECURITY OF PAKISTAN: A TRIP REPORT
ADA092157	ENERGY USE IN TRANSPORTATION. SELECTED REFERENCES
ADA092158	SIMULATION OF COAST GUARD VESSEL TRAFFIC SERVICE OPERATIONS BY MODEL AND EXPERIMENT
ADA092159	PROBLEMS AND ALTERNATIVES IN THE COMBAT RESCUE OF NAVY AIRCREWMEN
ADA092160	ANNOTATED BIBLIOGRAPHY OF REPORTS. SUPPLEMENT NUMBER 11, 1 OCTOBER 1978 - 30 SEPTEMBER 1979
ADA092161	PROTON/ELECTRON DAMAGE RATIOS FOR SOME VIOLET, BLACK AND THIN SILICON SOLAR CELLS
ADA092163	EXTREMAL AND RELATED PROPERTIES OF STATIONARY PROCESSES. PART II.

DoD Tech Reports | Order Form | Catalog | Part 685 of 1597 | Page 8 of 23

	EXTREME VALUES IN CONTINUOUS TIME
ADA092164	FOOD SYSTEM SUPPORT OF THE RELOCATION STRATEGY IN CALIFORNIA. VOLUME II. PROTOTYPE PLANS AND REVISED GUIDANCE
ADA092165	WILLIAMS AIR FORCE BASE AIR QUALITY MONITORING STUDY
ADA092166	SECURITY ASSISTANCE DATA ELEMENT CATALOG (SADEC)
ADA092167	INTEGRATED LOGISTIC SUPPORT. IMPLEMENTATION GUIDE FOR DOD SYSTEMS AND EQUIPMENTS
ADA092168	DEFENSE PLANNING AND ARMS CONTROL. PROCEEDINGS OF A SPECIAL NSAI CONFERENCE, 12-14 JUNE 1980, NATIONAL DEFENSE UNIVERSITY, WASHINGTON, DC
ADA092169	OBSERVATIONS OF THE EFFECTS OF TEMPERATURE AND CRYSTALLOGRAPHIC ORIENTATION ON SURFACE SEGREGATION IN AN FE-SI-SN-C ALLOY
ADA092170	NATIONAL DAM SAFETY PROGRAM. WAPPINGERS FALLS DAM (I.D. NUMBER N.Y. 3, D.E.C. 613A), HUDSON RIVER BASIN, DUTCHESS COUNTY, NEW YORK. PHASE 1 INSPECTION REPORT
ADA092171	WIDEBAND SPEECH MULTIPLE RATE PROCESSOR STUDY. PART I
ADA092172	WIDEBAND SPEECH MULTIPLE RATE PROCESSOR STUDY. PART II
ADA092173	A COORDINATION, EDUCATION, AND MITIGATION MODEL FOR DISASTER PREPAREDNESS IN COASTAL AREAS
ADA092174	SAFETY EVALUATION OF FIRE CONTROL SYSTEMS - ELECTRICAL AND ELECTRONIC EQUIPMENT
ADA092175	PAN AIR - A COMPUTER PROGRAM FOR PREDICTING SUBSONIC OR SUPERSONIC LINEAR POTENTIAL FLOWS ABOUT ARBITRARY CONFIGURATIONS USING A HIGHER ORDER PANEL METHOD. VOLUME I. THEORY DOCUMENT (VERSION 1.0)
ADA092176	APPROXIMATE LINEAR REGULATOR AND KALMAN FILTER
ADA092177	SIMULATORS FOR MARINER TRAINING AND LICENSING. PHASE 1. THE ROLE OF SIMULATORS IN THE MARINER TRAINING AND LICENSING PROCESS. VOLUME II
ADA092178	A CASE STUDY ANALYSIS OF A SYSTEM ACQUISITION BY A FIELD ACTIVITY
ADA092179	HOMOSEXUALITY AND THE U.S. MILITARY
ADA092180	DESIGN AND IMPLEMENTATION OF AN INTEGRATED SCREEN-ORIENTED TEXT EDITING AND FORMATTING SYSTEM
ADA092181	NONRESONANT ACOUSTIC PROJECTOR PROJECT. MECHANICAL 5-50 HZ DEVICE PROVIDES STABLE UNDERWATER ACOUSTIC OUTPUT WITH FREQUENCY AND AMPLITUDE CONTROLLABLE AND INDEPENDENT OF DEPTH
ADA092182	PASM: A RECONFIGURABLE MULTIMICROCOMPUTER SYSTEM FOR IMAGE PROCESSING
ADA092183	GAS SURFACE DYNAMICS, HIGH POWER LASER-SOLID INTERACTIONS

DoD Tech Reports | Order Form | Catalog | Part 685 of 1597 | Page 9 of 23

ADA092184	APPROXIMATION TECHNIQUES FOR PARAMETER ESTIMATION IN HEREDITARY CONTROL SYSTEMS
ADA092185	ON SCHUR OPTIMALITY
ADA092186	STRESS-CORROSION CRACKING OF HIGH-STRENGTH ALUMINUM ALLOYS
ADA092188	NONLINEAR SEMIGROUP FOR CONTROLLED PARTIALLY OBSERVED DIFFUSIONS
ADA092189	ONE- AND TWO-PHOTON OPTICALLY PUMPED LASER DEVICES: NEW CHEMICAL LASER DIAGNOSTICS AND KINETIC PROBES
ADA092190	CONSTRUCTION OF PBIB DESIGNS WITH TRIANGULAR AND L2 SCHEMES
ADA092191	ASYMPTOTIC DISTRIBUTIONS OF FUNCTIONS OF THE EIGENVALUES OF THE REAL AND COMPLEX NONCENTRAL WISHART MATRICES
ADA092192	ASSESSING RISKS THROUGH THE DETERMINATION OF RARE EVENT PROBABILITIES
ADA092193	GLIDESLOPE DESCENT-RATE CUING TO AID CARRIER LANDINGS
ADA092194	COMPOSITE MATERIALS: A SURVEY OF THE DAMPING CAPACITY OF FIBER-REINFORCED COMPOSITES
ADA092195	IMPLEMENTATION OF THE PHASE DIFFERENCE TRACE FUNCTION FOR A CIRCULAR ARRAY
ADA092196	THE ENRICHMENT OF SMOLER'S MODEL OF LAND COMBAT
ADA092197	VIBRATION OF CYLINDRICAL SHELLS OF BIMODULUS COMPOSITE MATERIALS
ADA092198	EFFICIENT CODING OF THE PREDICTION RESIDUAL
ADA092199	PRACTICAL CONTROL ALGORITHMS FOR NONLINEAR STOCHASTIC SYSTEMS AND INVESTIGATIONS OF NONLINEAR FILTERS
ADA092200	MILES PRESSURE/SEISMIC RESPONSE ENGINEERING DEVELOPMENT OF MILES TEST FIXTURE
ADA092201	ECONOMIC SANCTIONS IN THE 1990'S
ADA092202	FUTURES GROUP PERIODIC REPORT-3
ADA092203	AN ASSESSMENT OF THE HYPOTHETICAL IMPACT OF DRUG ABUSE ON COMBAT CAPABILITY. VOLUME I
ADA092204	EVALUATION OF THE SCOTT AVIOX EMERGENCY OXYGEN SYSTEM DURING A RAPID DECOMPRESSION TO 25,000 FEET
ADA092205	ANALYSIS OF INFORMATION FLOW IN THE TACTICAL OPERATIONS SYSTEM (TOS)
ADA092206	DESCRIPTION OF THE TACTICAL OPERATIONS SYSTEM INFORMATION FLOW MODEL
ADA092207	USER'S MANUAL FOR THE TACTICAL OPERATIONS SYSTEM ANALYSIS PACKAGE

DoD Tech Reports | Order Form | Catalog | Part 685 of 1597 | Page 10 of 23

ADA092208	PROGRAMMER'S MANUAL FOR THE TACTICAL OPERATIONS SYSTEM ANALYSIS PACKAGE
ADA092209	USAWC CORONARY RISK AND FITNESS ANALYSIS
ADA092210	EVALUATION OF THE NASTRAN GENERAL PURPOSE COMPUTER PROGRAM
ADA092211	CARBON DIOXIDE ACTIVATION; FORMATION OF TRANS-(PH3P) 2RH(CO) (OCO2H) IN THE REACTION OF CO2 WITH HRH(CO) (PPH3) 3/CO
ADA092212	THEORY OF THE TRANSVERSE GRADIENT WIGGLER
ADA092213	UFVA, A COMBINED LINEAR AND NONLINEAR FACTOR ANALYSIS PROGRAM PACKAGE FOR CHEMICAL DATA EVALUATION
ADA092214	LATE TIME CONTAINMENT
ADA092215	A COMPUTER STUDY OF HIGH MAGNETIC REYNOLDS NUMBER MHD CHANNEL FLOW
ADA092216	CONSIDERATIONS FOR AN ASSEMBLER SCHEDULED MULTI-MICROPROCESSOR SYSTEM
ADA092217	THE INFLUENCE OF CLOUD AND ATMOSPHERIC MOISTURE ON THE STATISTICAL ANALYSIS OF NIMBUS VI MULTISPECTRAL RADIATION MEASUREMENTS
ADA092218	NATIONAL DAM SAFETY PROGRAM. LOOKOVER LAKE DAM (NJ00565), HUDSON RIVER BASIN, LONGHOUSE BROOK, PASSAIC, COUNTY, NEW JERSEY. PHASE I INSPECTION REPORT
ADA092219	NATIONAL DAM SAFETY PROGRAM. TIVOLI LAKE DAM (INVENTORY NUMBER N.Y. 52), HUDSON RIVER BASIN, ROCKLAND COUNTY, NEW YORK. PHASE I INSPECTION REPORT
ADA092220	NATIONAL DAM SAFETY PROGRAM. LAKE SUZANNE (INVENTORY NUMBER N.Y. 760) HUDSON RIVER BASIN, ROCKLAND COUNTY, NEW YORK. PHASE I INSPECTION REPORT
ADA092221	AN APPROACH TO REGENERATIVE SIMULATION ON A GENERAL STATE SPACE
ADA092222	PHOTOCATALYTIC REACTION OF WATER WITH CARBON OVER PLATINIZED TITANIA
ADA092223	ON THE PHOTOASSISTED HYDROGEN PRODUCTION FROM TITANIA AND WATER
ADA092224	AUTOMATED READING OF VIDEOTAPE
ADA092225	NATIONAL DAM SAFETY PROGRAM. BEAVER DAM LAKE (INVENTORY NUMBER N.Y. 619), HUDSON RIVER BASIN, ORANGE COUNTY, NEW YORK. PHASE I INSPECTION REPORT
ADA092226	EXTENSION OF PENCIL-OF-FUNCTIONS METHOD TO REVERSE-TIME PROCESSING WITH FIRST-ORDER DIGITAL FILTERS
ADA092227	NATIONAL DAM SAFETY PROGRAM. HARROWER POND DAM (INVENTORY NUMBER NY207), MOHAWK RIVER BASIN, MONTGOMERY COUNTY, NEW YORK. PHASE I INSPECTION REPORT

ADA092228	A GUIDANCE DOCUMENT ON AIRPORT NOISE CONTROL
ADA092229	NUCLEAR BLAST RESPONSE OF AIRBREATHING PROPULSION SYSTEMS. LABORATORY MEASUREMENTS WITH AN OPERATIONAL J-85-5 TURBOJET ENGINE
ADA092230	DESIGN AND ANALYSIS OF RELATIONAL JOIN OPERATIONS OF A DATABASE COMPUTER (DBC)
ADA092231	COMPOSITION AND CHARACTERISTICS OF PARTICLES IN THE OCEAN: EVIDENCE FOR PRESENT DAY RESUSPENSION
ADA092232	SUMMARIES OF RESEARCH, FISCAL YEAR 1980
ADA092233	ANALOGICAL PROCESSES IN LEARNING
ADA092234	DETAILED MODELLING OF COMBUSTION SYSTEMS
ADA092235	RATEMETER DIRECTIONAL DEPENDENCE, RADIAC
ADA092237	CORPS OF ENGINEERS HYDRAULIC DESIGN CRITERIA. VOLUME I
ADA092238	CORPS OF ENGINEERS HYDRAULIC DESIGN CRITERIA. VOLUME 2
ADA092239	OXY- AND THIO PHOSPHORUS ACID DERIVATIVES OF TIN. VI. THE CRYSTAL AND MOLECULAR STRUCTURES OF BIS(DIMETHYL DITHIOPHOSPHINATO)DIMETHYLTIN(IV) AND BIS(DIETHYL DITHIOPHOSPHINATO)DIIODOTIN(IV) AT 138K
ADA092240	THE NEED FOR AIRPORT NOISE MONITORING SYSTEMS. THEIR USES, AND VALUE IN PROMOTING CIVIL AVIATION
ADA092241	MOLECULAR FRACTION BEHAVIOR IN ORIENTED POLYMERS
ADA092242	EEO EXTERNAL RELEVANT LABOR FORCE ANALYSIS
ADA092243	MANUFACTURING METHODS AND TECHNOLOGY PROGRAM PLAN, CY 1980
ADA092244	THE NEUMANN SOLUTION APPLIED TO SOIL SYSTEMS
ADA092245	SCALE-UP OF A TITANIUM CARBONITRIDE COATING SYSTEM FOR TITANIUM ALLOYS
ADA092246	ANALYSIS OF WAKE SURVEY EXPERIMENTAL DATA FOR MODEL 5365 REPRESENTING THE R/V ATHENA IN THE DTNSRDC TOWING TANK
ADA092247	THE STRAIN ENERGY OF A SPHEROIDAL INCLUSION AND ITS APPLICATION TO BCC-HCP MARTENSITIC TRANSFORMATION
ADA092248	A POPULATION OF LINEAR, SECOND ORDER, ELLIPTIC PARTIAL DIFFERENTIAL EQUATIONS ON RECTANGULAR DOMAINS. PART 1
ADA092249	CHEMICAL AND MOLECULAR BIOLOGICAL ASPECTS OF ALKYLHYDRAZINE-INDUCED CARCINOGENESIS IN HUMAN CELLS IN VITRO
ADA092250	MAINTENANCE PRODUCTIVITY
ADA092251	AN INVESTIGATION OF THE STRUCTURE AND MECHANICAL PROPERTIES OF HIGH TEMPERATURE GLASSY AND MICROCRYSTALLINE ALLOYS
ADA092252	DISINFECTION OF VIRUSES IN WATER BY OZONE

ADA092253	RESEARCH OF MICROSTRUCTURALLY DEVELOPED TOUGHENING MECHANISMS IN CERAMICS. STRESS INDUCED TRANSFORMATION TOUGHENING. PART 1. SIZE EFFECTS ASSOCIATED WITH CONSTRAINED PHASE TRANSFORMATION THERMODYNAMICS
ADA092254	CONVERGENCE THEORY FOR UNCONSTRAINED MINIMIZATION
ADA092255	AGT-1500 COMBUSTOR AND FUEL EFFECTS MODELING
ADA092256	SEMIANTICHAINS AND UNICHAIN COVERINGS IN DIRECT PRODUCTS OF PARTIAL ORDERS
ADA092257	DEMONSTRATION OF A METHOD FOR DETERMINING CRITICAL STORE CONFIGURATIONS FOR WING-STORE FLUTTER
ADA092258	COMPARATIVE HISTOPATHOLOGY OF ACANTHOCEPHALAN INFECTIONS IN SOME FRESHWATER FISHES
ADA092259	A MANUAL FOR ENCODING PROBABILITY DISTRIBUTIONS
ADA092260	AN ADA LANGUAGE MODEL OF THE AN/SPY-1A COMPONENT OF THE AEGIS WEAPON SYSTEM
ADA092261	SOME MATHEMATICAL CONSIDERATIONS IN DEALING WITH THE INVERSE PROBLEM
ADA092262	MANUFACTURING METHODS AND TECHNOLOGY PROGRAM ACCOMPLISHMENTS
ADA092263	DYNAMIC TARGET ACQUISITION: EMPIRICAL MODELS OF OPERATOR PERFORMANCE
ADA092264	THEORETICAL STUDIES OF LOW-LOSS OPTICAL FIBERS
ADA092265	DESIGN AND IMPLEMENTATION OF MULTI-INPUT ADAPTIVE SIGNAL EXTRACTIONS
ADA092266	MAGLAD EFFECTIVE SIMULATION, RANGE AND ALIGNMENT TOLERANCE DEMONSTRATION TEST PLAN
ADA092267	MAGLAD EFFECTIVE SIMULATION, RANGE AND ALIGNMENT TOLERANCE DEMONSTRATION TEST PLAN
ADA092268	EFFECTS OF OZONE (0.30 PARTS PER MILLION, APPROXIMATELY 600 MICRO G /CU M) ON SEDENTARY MEN REPRESENTATIVE OF AIRLINE PASSENGERS AND COCKPIT CREWMEMBERS
ADA092269	INTRAMOLECULAR B-B LINKAGE BETWEEN POLYHEDRAL CAGES IN A COMMO-METALLACARBORANE. SYNTHESIS AND STRUCTURE OF A FLUXIONAL METAL-BORON CLUSTER, (N(5)-C5(CH3)5)2CO3(CH3)4C4B8H7
ADA092270	MERCURY-BRIDGED COBALTACARBORANE COMPLEXES CONTAINING B-HG-B THREE-CENTER BONDS. SYNTHESIS AND STRUCTURE OF MU, MU'-((N5-C5R5)CO(CH3)2C2B3H4)HG, MU-(N(5)-C5R5)CO(CH3)2C2B3H4)HGCL, (R=H, CH3) AND RELATED COMPOUNDS
ADA092271	US ARMY TEST AND EVALUATION COMMAND TEST OPERATIONS PROCEDURE RADIAC RATEMETER CALIBRATION ACCURACY

ADA092272	USE OF A MICROPROCESSOR TO IMPLEMENT AN ADCCP PROTOCOL (FEDERAL STANDARD 1003)
ADA092273	DETERIORATION OF SUPERPOLISHED METAL MIRRORS BY BLUE HAZE
ADA092274	GROUND SHOCK ON ALLUVIAL GEOLOGIES. STUDY OF THE EFFECT OF CEMENTATION BREAKDOWN AND PORE AIR PHENOMENA
ADA092275	LIFE PATH ANALYSIS AND PERFORMANCE: FACTORS RELATING TO SUCCESS AMONG MINORITY ENLISTED PERSONNEL IN THE NAVY
ADA092276	EVALUATION OF A METEOROLOGICAL AIRBORNE PULSE DOPPLER RADAR
ADA092277	ANALYTICAL MODEL FOR THE TURNING OF TRACKED VEHICLES IN SOFT SOILS
ADA092278	EXCHANGE SERVICE STATION GASOLINE PUMPING OPERATION SIMULATION
ADA092279	HUMAN RESOURCE MANAGEMENT IN THE NAVY: THE SPECIALISTS' VIEWPOINT
ADA092280	RTC CREDO: INITIAL ASSESSMENT
ADA092281	THE IRANIAN REVOLUTION AND ITS IMPACT ON THE FUTURE OF SOVIET-IRANIAN RELATIONS: AN ASSESSMENT
ADA092282	PRODUCTION RULE SYSTEMS AS AN APPROACH TO INTERPRETATION OF GROUND SENSOR INFORMATION
ADA092283	THE LEGACY OF IDEOLOGY IN SOVIET FOREIGN POLICY TOWARD THE WEST
ADA092284	LEGIONELLA PNEUMOPHILA AND TATLOCK BACTERIUM: SIMPLE, EFFECTIVE GIEMSA STAIN
ADA092286	A RAPID AND SENSITIVE METHOD FOR THE QUANTITATION OF LEGIONELLA PNEUMOPHILA ANTIGEN FROM HUMAN URINE
ADA092289	EFFECT OF LUBRICANT CONTAMINANTS ON WEAR RATES OF LUBRICATED COMPONENTS
ADA092290	PREDICTIVE MODELS OF HUMAN VISUAL PROCESSES IN AEROSYSTEMS
ADA092291	EXHAUST EMISSION CHARACTERISTICS AND VARIABILITY FOR MAINTAINED GENERAL ELECTRIC CF6-50 TURBOFAN ENGINES
ADA092292	DESIGN, FABRICATION, AND TESTING OF THE MAXIMUM PERFORMANCE EJECTION SYSTEM (MPES) SEAT STRUCTURE
ADA092293	THE DESIGN, DEVELOPMENT, DEMONSTRATION AND TRANSFER OF ADVANCED COMMAND AND CONTROL (C2) COMPUTER-BASED SYSTEMS
ADA092294	A HYPOTHETICAL MONOLOGUE ILLUSTRATING THE KNOWLEDGE UNDERLYING PROGRAM ANALYSIS
ADA092295	ARMY TRAINING SIMULATOR RESEARCH, DEVELOPMENT AND PROCUREMENT: FY 1976- 1980 PROJECTS AND FUNDING SUMMARIES
ADA092296	NATIONAL DAM SAFETY PROGRAM. PATTERSON, BRIXIUS, GREY CREEK WATERSHED PROJECT, SITE 1 (INVENTORY NUMBER NY698), SUSQUEHANNA RIVER BASIN, BROOME COUNTY, NEW YORK. PHASE I INSPECTION REPORT

ADA092297	INTEGRATED REFRACTIVE EFFECTS PREDICTION SYSTEM (IREPS): PROGRAM PERFORMANCE SPECIFICATION. REVISION 2.0
ADA092299	AN ECONOMIC AND TECHNICAL STUDY ON THE FEASIBILITY OF USING ADVANCED JOINING TECHNIQUES IN CONSTRUCTING CRITICAL NAVAL MARINE STRUCTURES
ADA092300	REFLEXIVE LAUNCH STRATEGIES
ADA092301	DETAILED DESIGN OF THE KERNEL OF A REAL-TIME MULTIPROCESSOR OPERATING SYSTEM
ADA092302	CALCULATION OF THE OXIDE GROWTH RATE OF 2-1/4 CR - 1 MO STEEL IN AIR AND THE SUBSEQUENT MEASUREMENT OF THE STRAIN REQUIRED TO CRACK THE OXIDE
ADA092303	AN APPLICATION OF KALMAN FILTERING TO TORPEDO TRACKING
ADA092304	AN INTERACTIVE CODE FOR A PRESSURIZED WATER REACTOR INCORPORATING TEMPERATURE AND XENON FEEDBACK
ADA092305	CONCEPT EVALUATION: FIELD FEEDBACK COMPUTATION OF ELECTROMAGNETIC SCATTERING
ADA092306	MEASUREMENT OF PUMPED SUPERLUMINAL ELECTROMAGNETIC RADIATION
ADA092307	AN INVESTIGATION OF UNIPOLAR ARCING DAMAGE ON STAINLESS STEEL AND TITANIUM CARBIDE COATED SURFACES
ADA092308	A GENERAL RETENTION MODEL APPLIED TO THE NAVAL AVIATOR
ADA092309	THERMAL ANALYSIS AND DESIGN OF AIR COOLED ELECTRONIC CIRCUIT BOARDS USING A DESKTOP COMPUTER
ADA092310	TYPE II FORWARD STORAGE SITE FACILITIES. POMCUS SYSTEM. VOLUME 1
ADA092311	AN INVESTIGATION OF HF DIRECTION-FINDING ACCURACY ON THE CHURCHILL-OTTAWA AURORAL ZONE PATH
ADA092312	AN INVESTIGATION OF HF DIRECTION-FINDING ACCURACY ON THE FROBISHER BAY- OTTAWA AURORAL ZONE PATH
ADA092313	REVIEW OF THE STRENGTH AND CAPACITY DATA FOR MANUAL MATERIAL HANDLING ACTIVITIES
ADA092314	MK 11 AND MK 12 CO2 SCRUBBER DEVELOPMENT
ADA092315	FAILURE RATES FOR FIBER OPTIC ASSEMBLIES
ADA092316	AIRBORNE ANTENNA PATTERN CODE USER'S MANUAL
ADA092317	MOLECULAR DYNAMICS AND SPECTRA: I. DIATOMIC ROTATION AND VIBRATION
ADA092318	DIGITAL DOPPLER RADIAL VELOCITY DATA COMPARED OBJECTIVELY WITH DIGITAL REFLECTIVITY RADAR DATA
ADA092319	PRE-EXPENDED BIN MATERIAL MANAGEMENT AT NAVAL AIR REWORK FACILITIES
ADA092320	POWER FET CONTACT TECHNOLOGY
-	

ADA092321	DEPARTMENT OF DEFENSE IN-HOUSE RDT&E ACTIVITIES
ADA092322	CHEMILUMINESCENCE OF SECONDARY PEROXYESTERS
ADA092323	FACILE CLEAVAGE OF THE MO=MO BOND IN REACTIONS BETWEEN (MO2(OBUT)6 AND ARYL AZIDES AND MOLECULAR OXYGEN
ADA092344	STEEL EROSION PRODUCED BY DOUBLE BASE, TRIPLE BASE, AND RDX COMPOSITE PROPELLANTS OF VARIOUS FLAME TEMPERATURES
ADA092345	PLASMA DYNAMICS OF THE ARC-DRIVEN RAIL GUN
ADA092346	STRONG BLAST WAVE COMPUTER PROGRAMS
ADA092347	ELECTROSTATIC PROPENSITY OF GARMENTS MADE OF NOMEX WITH ONE PERCENT METAL FIBERS COMPARED WITH FLAMEPROOF COTTON
ADA092348	ANALYTICAL CHEMISTRY OF 2,4,6-TRINITROTOLUENE
ADA092349	ON THE EFFICIENCY OF SENSITIVITY EXPERIMENTS ANALYZED BY THE MAXIMUM LIKELIHOOD ESTIMATION PROCEDURE UNDER THE CUMULATIVE NORMAL RESPONSE
ADA092350	TANK WARS GENERAL INFORMATION MANUAL
ADA092351	HEAT TRANSFER MEASUREMENTS IN 105 MM TANK GUN WITH M735 ROUNDS
ADA092352	INTERACTION EFFECTS OF SIMULTANEOUS TORSIONAL AND COMPRESSIONAL CYCLIC LOADING OF SAND
ADA092353	AN INVESTIGATION OF APPENDAGE DRAG
ADA092354	NEW PASSIVATION METHODS OF GAAS
ADA092355	CHEMICALLY INITIATED ELECTRON-EXCHANGE LUMINESCENCE
ADA092356	ON THE FREE - ENERGY RELATIONSHIPS FOR REVERSIBLE AND IRREVERSIBLE ELECTRON TRANSFER PROCESSES
ADA092357	CHEMILUMINESCENCE OF DIOXETANONE INVESTIGATED BY SELF CONSISTENT FIELD THEORY
ADA092358	A TECHNIQUE FOR STAINING EXTRACTED TEETH: A RESEARCH AND TEACHING AID FOR BLEACHING
ADA092359	THE EFFECT OF TWO YEARS TRAINING ON AEROBIC POWER AND MUSCLE STRENGTH OF MALE AND FEMALE CADETS
ADA092360	SEX DIFFERENCES IN ACCLIMATION TO A HOT-DRY ENVIRONMENT
ADA092362	FATIGUE IN GRAPHITE/EPOXY BOLTED JOINTS
ADA092363	A NEW COMPUTER PROGRAM FOR PLANT LAYOUT DESIGN - OPDEP OPTIMAL PLANT DESIGN AND EVALUATION PROGRAM
ADA092364	SLANT VISUAL RANGE FROM DROP-SIZE DISTRIBUTION
ADA092365	MECHANICS OF CUTTING AND BORING. PART 5. DYNAMICS AND ENERGETICS OF IDENTATION TOOLS
ADA092366	SKIN FRICTION MEASUREMENTS AT TRANSONIC MACH NUMBERS

ADA092367	A STUDY OF FILLED AND SPARSE LINE ARRAY BEAMFORMERS
ADA092368	AIR SATURATION DIVE 4 - 8 FEBRUARY 1980, CEDD TEST NUMBER 1-80
ADA092369	A STUDY OF THE ASSOCIATION OF PC 3, 4 MICROPULSATIONS WITH INTERPLANETARY MAGNETIC FIELD ORIENTATION & OTHER SOLAR WIND PARAMETERS
ADA092370	STRATEGIES FOR IMPROVING U.S. AIR FORCE PRODUCTIVITY: DEVELOPING METHODOLOGIES FOR ASSESSING THE POTENTIAL RELATIONSHIP BETWEEN COMMUNICATION BEHAVIORS AND PRODUCTIVITY
ADA092371	SIGNAL PROCESSING CIRCUIT DEVELOPMENT
ADA092372	DETERMINATION OF THE SYSTEMATIC BIAS AND VARIABILITY OF THE ERROR OF THE NATIONAL METEOROLOGICAL CENTER'S SIX-LAYER BAROCLINIC MODEL
ADA092373	TYPHOON HAVENS HANDBOOK FOR THE WESTERN PACIFIC AND INDIAN OCEANS. CHANGE 2
ADA092374	ADVANCED SHIP SYSTEM CONCEPTS FOR HYDROGRAPHIC SURVEYING
ADA092375	ESTIMATED EFFECT ON PROJECTILE FLIGHT STABILITY OF AN INTERIOR CANTILEVER BEAM
ADA092376	FRANCK-CONDON FACTORS FOR THE B-X SYSTEM OF DIATOMIC SULFUR
ADA092377	WNDWBX: TEKTRONIX PLOTTING ON CDC
ADA092378	COOPERATIVE EFFECTS IN LIGHT SCATTERING FROM AEROSOL CLUSTERS AND SURFACE ASSEMBLIES
ADA092379	QUANTA USERS MANUAL
ADA092380	DEVELOPMENT OF A TWO-PIECE MASK AND LENS AND MOLD FOR SAME
ADA092381	EFFECT OF RESPONSE MODE ON TARGET IDENTIFICATION
ADA092382	LIFETIME PREDICTION OF ORGANIC COATING/METAL SYSTEM
ADA092383	OFF-DESIGN PERFORMANCE LOSS MODEL FOR RADIAL TURBINES WITH PIVOTING, VARIABLE-AREA STATORS
ADA092384	THE SHOCK AND VIBRATION DIGEST. VOLUME 12, NUMBER 11
ADA092385	MOMENTUM DISTRIBUTION OF IONS IN PLASMA BEAM
ADA092386	DETECTION, ESTIMATION, AND CONTROL ON GROUP MANIFOLDS
ADA092387	CHARACTERIZATION OF SUPERCONDUCTORS BY SURFACE WAVE TECHNIQUES
ADA092388	STATE SPACE MODELS FOR GAUSSIAN STOCHASTIC PROCESSES
ADA092389	OPTIMAL CONTROL OF SYSTEMS WITH UNCERTAINTY
ADA092390	FORECAST OF REMOTE UNDERWATER SENSING TECHNOLOGY
ADA092391	EVALUATION OF A NEW THERMOPLASTIC GUTTA PERCHA OBTURATION TECHNIQUE USING 45CA

ADA092392	COMPILATION OF DATA COVERING AIRCRAFT SERVICING FACILITIES ABOARD AVIATION AND AMPHIBIOUS AVIATION SHIPS. REVISION 16
ADA092394	REVISED CCITT RECOMMENDATION X.25 1980
ADA092395	MEASUREMENT OF COMPRESSION FACTOR AND ERROR SENSITIVITY FACTOR OF THE MODIFIED READ FACSIMILE CODING TECHNIQUE
ADA092396	BOSTON HARBOR, MASSACHUSETTS MAIN REPORT FOR DEBRIS REMOVAL. VOLUME I. REVISION
ADA092397	BOSTON HARBOR, MASSACHUSETTS FEASIBILITY REPORT FOR DEBRIS REMOVAL. VOLUME 2. PART A-DEBRIS INVENTORY. SUMMARY SHEETS. PART B - LAND ENHANCEMENT. SUMMARY SHEETS. REVISION
ADA092398	FINAL ENVIRONMENTAL IMPACT STATEMENT ON DEBRIS REMOVAL FROM BOSTON HARBOR, MASSACHUSETTS. REVISION
ADA092399	LOW FREQUENCY GEOMAGNETIC FLUCTUATIONS (.04 TO 25 HZ) ON LAND AND ON THE FLOOR OF MONTEREY BAY
ADA092400	APPLICATION OF NUMERICAL OPTIMIZATION TO DRIVE SHAFT DESIGN
ADA092401	A STUDY OF BUDGET FORMULATION IN THE FLEET MARINE FORCE
ADA092402	BROTHERHOOD-IN-ARMS EAST GERMAN FOREIGN POLICY IN AFRICA 'KALASHNIKOFFS, NOT COCA COLA BRING SELF-DETERMINATION TO ANGOLA' VOLKSARMEE, 1978
ADA092403	AN ATTEMPT TO MODEL THE USN UNRESTRICTED LINE OFFICER PROMOTION PROCESS USING AN ADAPTED LENGTH OF SERVICE MARKOV MODEL
ADA092404	DYNAMIC LINKING IN A MICROCOMPUTER ENVIRONMENT
ADA092405	AN APPLICATION OF MULTIDIMENSIONAL SCALING TO THE PRIORITIZATION OF DECISION AIDS IN THE S-3A
ADA092406	NAVY CIVILIAN CAREERS: A FORMULATION PROBLEM
ADA092407	EXPERIMENTAL STUDY OF CONTRAST UTILIZING A VIDICON
ADA092408	A STATISTICAL ANALYSIS OF WESTERN NORTH PACIFIC OCEAN TROPICAL CYCLONE DANGER AREA FORECASTS
ADA092409	AN APPLICATION OF CASE-MIX ADJUSTED LENGTHS OF STAY IN NAVAL MEDICAL TREATMENT FACILITY'S OUTPUT MEASUREMENT
ADA092410	BALL OBTURATION OF A SPIN STABILIZED TUBULAR PROJECTILE
ADA092411	STATISTICAL ADJUSTMENT OF THE HATRACK TYPHOON TRACK FORECASTING MODEL
ADA092412	PERSONAL, SITUATIONAL, AND ORGANIZATIONAL DETERMINANTS OF NAVY ENLISTED ATTRITION
ADA092413	STUDY OF GAS DYNAMIC EFFECTS IN NON-UNIFORM HIGH PRESSURE ELECTRICAL DISCHARGES
ADA092414	CENSUS OF U.S. CIVIL AIRCRAFT, CALENDAR YEAR 1978
ADA092415	RADIATION EVALUATION OF THE AM2901A MICROPROCESSOR

DoD Tech Reports | Order Form | Catalog | Part 685 of 1597 | Page 18 of 23

ADA092416	SAFETY ANALYSIS OF X4 MULTI-TOOLED IOWA DETONATOR LOADER
ADA092417	COSO MONITORING PROGRAM
ADA092419	FLAMELESS ATOMIC ABSORPTION SPECTROSCOPY: EFFECTS OF NITRATES AND SULFATES
ADA092420	DYNAMIC INTERACTIONS BETWEEN THE TROPOSPHERE AND STRATOSPHERE
ADA092421	AN ANALYSIS OF THE PROBLEMS INVOLVED IN THE UTILIZATION OF MERCHANT SHIPPING TO SUPPORT THE U.S. GOVERNMENT DURING DECLARED MOBILIZATION SITUATIONS
ADA092422	THE MODERNIZATION OF THE CHINESE PEOPLE'S LIBERATION ARMY: GOALS AND PROBLEMS
ADA092423	AN EXPERIMENTAL STUDY OF SOLID PROPELLANT DEFLAGRATION USING HIGH SPEED MOTION PICTURES AND POSTFIRE RESIDUE ANALYSIS
ADA092424	A COMPARISON STUDY AND SOFTWARE IMPLEMENTATION OF NORDA OCEAN MODELS
ADA092434	COST IMPACT ASSESSMENT OF COST ACCOUNTING PRACTICE CHANGES
ADA092435	A COMPOSITE ALGORITHM FOR MIXED INTEGER CONSTRAINED NONLINEAR OPTIMIZATION
ADA092436	ENVIRONMENTAL INFLUENCES IN THE SIMULATION OF A SOLAR SPACE HEATING SYSTEM
ADA092437	A FEASIBILITY STUDY FOR ADVANCED TECHNOLOGY INTEGRATION FOR GENERAL AVIATION
ADA092438	RESULTS OF THE SOLAR CELL EXPERIMENTS ABOARD THE NTS-2 SATELLITE AFTER 811 DAYS IN ORBIT
ADA092439	A CYLINDRICAL CLOUD MODEL FOR MICROWAVE AND INFRARED RADIATIVE TRANSFER-APPLICATIONS TO DEFENSE METEOROLOGICAL SATELLITE PROGRAM MICROWAVE SOUNDERS
ADA092440	ANALYSIS OF A SIMULATED SOURCE OF ELECTROMAGNETIC PULSES
ADA092441	DIAGNOSTIC SOFTWARE DEVELOPMENT FOR A REAL-TIME SPECTRAL ANALYSIS SYSTEM
ADA092442	FLOW OF TECHNOLOGY FROM THE OECD TO THE U.S.S.R: A FEASIBILITY STUDY
ADA092443	AIRCREW COMPLIANCE WITH STANDARD OPERATING PROCEDURES AS A COMPONENT OF AIRLINE SAFETY
ADA092444	KINEMATIC FEATURES OF THE LARGE-SCALE MEAN STATE PHASE II OF GATE AND COMPARISON WITH PHASE III FEATURES
ADA092445	ATMOSPHERIC TRANSMISSION MEASUREMENTS AT WHITE SANDS MISSILE RANGE, AUGUST 1978
ADA092446	ATMOSPHERIC EFFECTS ON THE TIME-VARYING PHOTOELECTRON FLUX FROM SATELLITE SURFACES

ADA092447	HORIZONTAL SCALE VARIATIONS IN SATELLITE ESTIMATES OF WEATHER EROSION PARAMETERS FOR REENTRY SYSTEMS
ADA092448	STRUCTURE AND COMPOSITION MEASUREMENTS IN EQUATORIAL IONOSPHERIC BUBBLES
ADA092449	PREDICTION OF THRUST-DEDUCTION AND WAKE FRACTIONS FOR TWIN- SCREW DESTROYERS
ADA092450	CONSOLIDATED CAR DISPLAY: A SUMMARY REPORT OF THE PROCESS AND THE RESULTS OF THE CONSOLIDATION OF CRITICAL AND SUPPLEMENTARY TERMINAL AREA AIR TRAFFIC CONTROL INFORMATION FOR DISPLAY PRESENTATION
ADA092451	INTERACTION OF DRUGS IN THE HYPERBARIC ENVIRONMENT, BETHESDA, MARYLAND, 13-14 SEPTEMBER 1979. THE UNDERSEA MEDICAL WORKSHOP (21ST)
ADA092452	NATIONAL DAM SAFETY PROGRAM. PATTERSON BRIXIUS GREY CREEK WATERSHED PROJECT, SITE 2 (INVENTORY NUMBER NY 725). SUSQUEHANNA RIVER BASIN, BROOME COUNTY, NEW YORK. PHASE I INSPECTION REPORT
ADA092453	CONTROL, DECONTAMINATION AND DISPOSAL OF MERCURY
ADA092454	DOCUMENTATION FOR THE SHIP HYDROSTATICS COMPUTER PROGRAM HYDRO
ADA092455	TASK FORCE DELAY STUDY. WILLIAM B. HARTSFIELD ATLANTA INTERNATIONAL AIRPORT. VOLUME II
ADA092456	TASK FORCE DELAY STUDY. DENVER STAPLETON INTERNATIONAL AIRPORT, VOLUME II
ADA092457	SOLDIERS AMIDST THE RUBBLE: THE UNITED STATES ARMY AND THE SAN FRANCISCO EARTHQUAKE OF 1906
ADA092458	COST ESTIMATING PROCEDURE FOR UNMANNED SATELLITES
ADA092459	THE EFFECTS OF THE DIRECTION OF CONTROL LOADING ON A ONE- DIMENSIONAL TRACKING TASK
ADA092460	CHEMICAL AND BIOCHEMICAL STUDIES OF PGBX
ADA092461	SIMPLE ALGORITHMS FOR CALCULATION OF SCALE FACTORS FOR PLANE COORDINATE SYSTEMS (1927 NAD AND 1983 NAD)
ADA092469	EVALUATION OF THE UTILIZATION OF RESEARCH AND DEVELOPMENT RESULTS BY THE NAVAL FACILITIES ENGINEERING COMMAND
ADA092470	NRL INERTIAL CONFINEMENT FUSION THEORY PROGRAM 1979 ANNUAL REPORT, OCTOBER 1978 - DECEMBER 1979
ADA092471	NRL LIGHT ION BEAM RESEARCH FOR INERTIAL CONFINEMENT FUSION
ADA092472	BEAM REQUIREMENTS FOR LIGHT-ION-DRIVEN INERTIAL-CONFINEMENT FUSION
ADA092473	EFFECT OF STRESS-STRAIN BEHAVIOR ON LOW-CYCLE FATIGUE OF ALPHABETA TITANIUM ALLOYS

ADA092474	PROGRAM MANUAL NSUP
ADA092475	TIME-DOMAIN METHOD FOR COMPUTING FORCES AND MOMENTS ACTING ON THREE DIMENSIONAL SURFACE-PIERCING SHIP HULLS WITH FORWARD SPEED
ADA092476	CONCEPTS FOR DATA COLLECTION IN THE ARCTIC
ADA092477	MAGLAD. TRAINER ENGINEERING REPORT DEMONSTRATION RESULTS
ADA092478	EVALUATION OF RF ANECHOIC CHAMBER FIRE PROTECTION SYSTEMS
ADA092479	A NEW HORIZONTAL GRADIENT, CONTINUOUS FLOW, ICE THERMAL DIFFUSION CHAMBER AND DETAILED OBSERVATION OF CONDENSATION-FREEZING AND DEPOSITION NUCLEATIONS
ADA092480	COMPARISON OF THE BEST KNOWN FRACTURE CRITERIA WITH DATA ON NATURALLY OCCURRING CRACKS
ADA092481	COMPUTER-MANAGED INSTRUCTION IN THE NAVY. I. RESEARCH BACKGROUND AND STATUS
ADA092482	STUDIES OF TRANSIENT DISCHARGES
ADA092498	DECISION FLEXIBILITY IN A LEARNING ENVIRONMENT
ADA092499	GAME THEORY, DECISION THEORY, AND SOCIAL CHOICE THEORY IN THE CONTEXT OF A NEW THEORY OF EQUITY
ADA092500	NATURAL LANGUAGE DATA BASE QUERY
ADA092501	UPGRADING THE AURORA SIMULATOR
ADA092502	UNSTABLE-RESONATOR AND OUTPUT-COUPLING DESIGN STUDY FOR DIFFRACTION RADIATION GENERATOR NEAR-MILLIMETER SOURCES
ADA092503	COMPARISON OF ELECTRON DENSITIES IN THE MIDDLE ATMOSPHERE INDICATED BY ROCKET BORNE PROBING TECHNIQUES
ADA092510	A CCD MONOLITHIC LMS ADAPTIVE ANALOG SIGNAL PROCESSOR INTEGRATED CIRCUIT
ADA092511	PERCUSSION PRIMERS, DESIGN REQUIREMENTS. REVISION A
ADA092512	A MODIFICATION TO THE FREE FLOATING EXTENSIBLE CABLE SYTEM COMPUTER MODEL (FF2E) TO CONSIDER LIFT AND DRAG FORCES ON INTERMEDIATE BODIES
ADA092515	SCALE FACTOR AND NOISE PERFORMANCE TESTS OF THE BENDIX CORPORATION RATE GYRO ASSEMBLY (RGA)
ADA092516	ERROR PERFORMANCE OF DIRECT SEQUENCE SPREAD SPECTRUM SYSTEMS ON NONSELECTIVE GENERALIZED RAYLEIGH FADING CHANNEL
ADA092517	RECOVERY FROM NODE FAILURE IN A CONTRACT NET
ADA092518	LATITUDINAL AND VERTICAL RELATIONSHIP BETWEEN TROPOSPHERIC OZONE AND WATER VAPOR AS MEASURED IN PROJECT GAMETAG
ADA092519	THE INFLUENCE OF THE BACKLOG OF WORK ON CONSTRUCTION COMPANY OPERATIONS

ADA092520	CELEBRITY ENDORSEMENT OF DIRECT MAIL ADVERTISING: AN EXPERIMENT
ADA092521	AUTOREGRESSIVE MODELING OF THE LOWER STRATOSPHERIC WINDS AND TEMPERATURE FOR AN EQUATORIAL LOCATION
ADA092522	TRANSMISSION AND ORBITAL CONSTRAINTS IN SPACE RELATED PROGRAMS: PROJECT DESCRIPTION
ADA092523	EFFECTS OF CROSS-CORRELATION INTERFERENCE ON AN OPTICAL CODE DIVISION MULTIPLE ACCESS COMMUNICATION SYSTEM
ADA092524	A MONTE CARLO INVESTIGATION OF ECONOMETRIC MODELS WITH FIXED AND STOCHASTIC REGRESSORS WHERE THE ERROR TERMS ARE AR(1) AND MA(1)
ADA092525	THE EFFECT OF PHYSICAL CONDITIONING ON +GZ TOLERANCE
ADA092526	JAPAN'S REARMAMENT DILEMMA: OBSTACLES TO REARMAMENT
ADA092527	A WAVELENGTH MODULATED, CONTINUUM EXCITED FURNANCE ATOMIC FLUORESCENCE SYSTEM FOR THE DETERMINATION OF WEAR METALS IN JET ENGINE LUBRICATING OILS
ADA092528	CONSIDERATIONS RELATIVE TO THE USE OF CANES BY BLIND TRAVELERS IN AIR CARRIER AIRCRAFT CABINS
ADA092529	READABILITY OF SELF-ILLUMINATED SIGNS OBSCURED BY BLACK FUEL-FIRE SMOKE
ADA092530	REQUIREMENTS FOR SLEEP, SOLVING PROBLEMS, AND SPEECH COMMUNICATION IN SHIPBOARD COMPARTMENTS, A SURVEY OF US NAVY PERSONNEL OPINIONS
ADA092531	MAMMALIAN TOXICOLOGICAL EVALUATION OF RDX
ADA092532	RAYLEIGH-BLOCH WAVE EXPANSIONS FOR DIFFRACTION GRATINGS II
ADA092533	PRESSURES ON A SLENDER, AXISYMMETRIC BODY AT HIGH ANGLE OF ATTACK IN A VERY LOW TURBULENCE LEVEL AIR STREAM
ADA092534	POWER TRANSFORMATIONS WHEN THE CHOICE OF POWER IS RESTRICTED TO A FINITE SET
ADA092535	TESTS FOR REGRESSION PARAMETERS IN POWER TRANSFORMATION MODELS
ADA092536	A CHARACTERIZATION OF A POLYA-EGGENBERGER AND OTHER DISCRETE DISTRIBUTIONS BY RECORD VALUES
ADA092537	INVESTIGATION OF THE COMPUTER MODELING OF THE DIRECT COUPLING OF HIGH EXPLOSIVE ENERGY TO THE GROUND FOR SURFACE TANGENTABOVE TNT SPHERES (100-500 TONS)
ADA092538	SUMMARY OF TRANSPONDER DATA FOR ATLANTA, GEORGIA, AREA
ADA092540	THE FUTURE OF THE SOVIET ROLE IN AFGHANISTAN: A TRIP REPORT
ADA092541	DRAFT PROGRAMMATIC ENVIRONMENTAL IMPACT STATEMENT: U.S. LAKE ERIE NATURAL GAS RESOURCE DEVELOPMENT IN OFFSHORE WATERS OF NEW YORK, PENNSYLVANIA AND OHIO

ADA092542	THE STUDY AND IDENTIFICATION OF RESIDUAL DONOR SPECIES IN HIGH PURITY SEMICONDUCTORS
ADA092544	EVALUATING THE IMPACT OF ALTERNATIVE FORMS OF THE MILITARY HEALTH CARE BENEFIT: THE APPLICATION OF A HEALTH SERVICE BEHAVIORAL FRAMEWORK
ADA092545	RELATIVISTIC ELECTRON PRECIPITATION: AN OBSERVATIONAL STUDY
ADA092546	SPONTANEOUS, METAL-CATALYZED, AND ENZYME-CATALYZED DECARBOXYLATION OF OXALOSUCCINIC ACID
ADA092547	OPTIMAL REGULATION WITHIN SPATIAL CONSTRAINTS. AN APPLICATION TO FLEXIBLE STRUCTURES
ADA092548	HYPERSONIC FLIGHT VEHICLE AND RAMJET ENGINE. CONSIDERATIONS OF COORDINATION AND CONFIGURATION
ADA092549	INSULATING LAYERS FOR CROSSOVERS AND MULTILAYER CIRCUITS IN HYBRID MICROSYSTEMS, PART II
ADA092550	A POWER PULSE TRANSFORMER
ADA092551	HIGH-VOLTAGE PULSE GENERATOR
ADA092552	THE SPACE-TIME DISTRIBUTION OF LASER EMISSION WITH GENERATION DURATION ON THE ORDER OF 1 MS AND ITS INFLUENCE ON INTERACTION WITH A SUBSTANCE
ADA092553	COLLECTION OF COSTS FOR PLANNING AND PROSPECTING STUDIES FOR CONSTRUCTION. PART II. COSTS FOR THE FORMULATION OF PROJECT REQUIREMENTS. SECTION 7. PETROLEUM INDUSTRY
ADA092554	CARBON FIBERS IN REINFORCED PLASTICS
ADA092555	PHASE CONVERSIONS IN STEEL UNDER THE INFLUENCE OF A BEAM FROM A CONTINUOUS-ACTION LASER
ADA092556	INVESTIGATION OF ZONES OF MELT AND THERMAL EFFECT IN METALS UNDER THE EFFECT OF LASER EMISSION OF DIFFERENT DURATION
ADA092557	OCCUPATIONAL ANALYSIS TECHNOLOGY: EXPANDED ROLE IN DEVELOPMENT OF COST-EFFECTIVE MAINTENANCE SYSTEMS
ADA092558	TACTICAL PERFORMANCE CHARACTERIZATION APPLIED TO STUDENT PILOTS
ADA092559	INVESTIGATION IN CONSTRUCTION ENTREPRENEURSHIP
ADA092560	DYNAMIC FLIR TARGET ACQUISITION. PHASE I
ADA092561	CRITICAL RESEARCH ISSUES AND VISUAL SYSTEM REQUIREMENTS FOR A V/STOL TRAINING RESEARCH SIMULATOR
ADA092562	OPERATIONAL AUDIT MODEL FOR A SMALL NOT-FOR-PROFIT ORGANIZATION
ADA092563	A REARMED JAPAN: IMPLICATIONS
ADA092564	THE INFLUENCE OF ALLOY COMPOSITION AND THERMO-MECHANICAL PROCESSING PROCEDURE ON MICROSTRUCTURE AND MECHANICAL PROPERTIES OF HIGH-MAGNESIUM ALLOYS

DoD Tech Reports | Order Form | Catalog | Part 685 of 1597 | Page 23 of 23

ADA092565	OPTIMIZED PYROELECTRIC VIDICON THERMAL IMAGER. VOLUME I. THERMAL IMAGER. VOLUME 1A. RAIN CAMERA. VOLUME 1B. RETICULATION
ADA092566	OPTIMIZED PYROELECTRIC VIDICON THERMAL IMAGER. VOLUME II. IMPROPER FERROELECTRIC CRYSTAL GROWTH
ADA092567	A DATABASE FOUNDATION FOR PROCESS SPECIFICATIONS
ADA092568	SCALE SIZES AND LIFETIMES OF F REGION PLASMA CLOUD STRIATIONS AS DETERMINED BY THE CONDITION OF MARGINAL STABILITY
ADA092569	CALQ8: A FORTRAN-IV CALCULATOR EMULATION PROGRAM