| ADA079515 | STATES OF STRESS AND STRAIN IN ADHESIVE JOINTS, INCLUDING PHOTOELASTIC IMAGING OF DEFECTS IN ADHERENDS |
|-----------|--|
| ADA079516 | WAVES AND INSTABILITIES IN STEADY-STATE HIGH-BETA PLASMAS |
| ADA079517 | SOME PROPERTIES OF BEST LINEAR UNBIASED PREDICTORS AND RELATED PREDICTORS |
| ADA079518 | DIGITAL RADIO AND MULTIPLEX TEST PROCEDURES |
| ADA079519 | REVIEW AND TAILORING OF SELECTED DDG-47 AND DDG-48 EQUIPMENT SPECIFICATIONS AND WORK STATEMENTS |
| ADA079520 | TESTS OF FIEDLER'S SCREEN MODEL OF LEADERSHIP |
| ADA079521 | COMBINATORIAL PROBLEMS OF APPLIED DISCRETE MATHEMATICS |
| ADA079522 | SIX-FOOT LINE TRANSDUCER CALIBRATION PROCEDURE. EXPLAINS THEORY, METHODOLOGY, AND PROCEDURES USED AT SENSOR ACCURACY CHECK SITE (SACS), LONG BEACH, CALIFORNIA |
| ADA079523 | DEVELOPMENT OF COMBUSTION DIAGNOSTICS AND APPLICATIONS TO TURBULENT COMBUSTION |
| ADA079524 | DIORGANOSTYRYLZINNDIORGANOPHOSPHINE UND IHRE TRICARBONYLNICKELKOMPLEXE (DIORGANOSTYRYLTIN PHOSPHINES AND ITS TRICARBONYLNICKEL COMPLEXES) |
| ADA079525 | INITIAL-VALUE PROBLEMS IN STRATIFIED SHEAR FLOWS |
| ADA079526 | SCATTERING FROM A RANDOM SURFACE |
| ADA079527 | ANNUAL REPORT NUMBER 11 |
| ADA079528 | AUTOMATED CHROMIUM PLATING LINE FOR GUN BARRELS |
| ADA079529 | AUTOMATING THE E-BEAM LASER LABORATORY |
| ADA079530 | MOBILIZATION ENVIRONMENTS |
| ADA079531 | ON DETECTING AND ESTIMATING MULTIPLE ARRIVALS FROM UNDERGROUND NUCLEAR EXPLOSIONS |
| ADA079532 | IMPROVED HIGH STRENGTH ARMOR STEEL THROUGH TEXTURING |
| ADA079533 | TEST PROCEDURES FOR SHIPBOARD TRANSIENT PROTECTIVE DEVICES (TPD'S) |
| ADA079534 | A COMPUTATIONAL METHOD FOR SOLVING PARABOLIC PARTIAL DIFFERENTIAL EQUATIONS |
| ADA079535 | LASER INERTIAL ROTATION SENSORS |
| ADA079536 | UNIQUE FACTORIZATION OF PRODUCTS OF BIVARIATE NORMAL CUMULATIVE DISTRIBUTION FUNCTIONS |
| ADA079538 | DETERMINATION OF PREFRACTURE FATIGUE DAMAGE |
| ADA079539 | SOME PREDICTIONS FROM THE MEAN-FIELD THERMOSOLUTAL EQUATIONS |
| ADA079540 | POSITION AND ATTITUDE MONITOR (PAM) |

| ADA079541 | RELATIONSHIP BETWEEN PERCEPTIONS OF ROLE STRESS AND INDIVIDUAL, ORGANIZATIONAL, AND ENVIRONMENTAL VARIABLES |
|-----------|--|
| ADA079542 | PERFORMANCE TESTING OF TWIST DRILLS ON AISI 4140 ALLOY STEEL |
| ADA079543 | COMBINED PSEUDO RANGE AND DOPPLER POSITIONING FOR THE STATIONARY NAVSTAR USER |
| ADA079544 | PROBABILISTIC APPROACH TO EMP ASSESSMENT |
| ADA079545 | THE PHYSICAL MECHANISMS RESPONSIBLE FOR THE WEATHERING OF EPOXY RESINS AND GFR EPOXY RESINS |
| ADA079547 | A DUAL VESSEL SYSTEM OF PHOSPHATING FERROUS ALLOYS UNDER STEAM PRESSURE |
| ADA079548 | POSTCRASH FUEL FIRE HAZARD MEASUREMENTS IN A WIDE-BODY AIRCRAFT CABIN |
| ADA079549 | THE SHOCK AND VIBRATION DIGEST. VOLUME 11, NUMBER 12 |
| ADA079550 | DEVELOPMENT OF IMPROVED EARPHONE-EARCUP SYSTEM FOR AVC HELMET |
| ADA079551 | EXPLOSIVE MHD RESEARCH |
| ADA079553 | INTERACTIVE AIDS FOR CARTOGRAPHY AND PHOTO INTERPRETATION |
| ADA079554 | SIMILARITY MEASURES ON BINARY ATTRIBUTE DATA - II |
| ADA079555 | USER GUIDE FOR THE AIR FORCE BASE AUTOMOTIVE TRANSPORTATION SIMULATION MODEL - BATS. VOLUME 2. DOCUMENTATION |
| ADA079556 | USER GUIDE FOR THE AIR FORCE BASE AUTOMOTIVE TRANSPORTATION SIMULATION MODEL - BATS. VOLUME 3. DOCUMENTATION, APPENDICES D AND E |
| ADA079557 | PREDICTION AND VERIFICATION OF MOISTURE EFFECTS ON CARBON FIBER-EPOXY COMPOSITES |
| ADA079558 | EVALUATION OF MESS MANAGEMENT SPECIALIST (MS) 'A' SCHOOL TRAINING BY ADVANCED MS NAVEDTRACOM STUDENTS AND BY FLEET MS PERSONNEL |
| ADA079559 | QUANTIFIABLE EFFECTS OF NOISE ON HUMANS |
| ADA079560 | THE HISTORY OF FALLOUT PREDICTION |
| ADA079561 | OBSERVATIONS AND RADIO TAGGING OF BALAENOPTERA EDENI NEAR PUERTO LA CRUZ, VENEZUELA |
| ADA079562 | ATTENUATION OF LOW ORDER MODES IN LOSSY ACOUSTIC WAVE GUIDES |
| ADA079563 | SCATTERED LIGHT PHOTOELASTIC ANALYSIS OF A PROJECTILE BULKHEAD TO STRUCTURAL CASE JOINT |
| ADA079564 | PACKAGING AND SHIPPING ANALYSIS OF THE ASN-129 AHRS DISPLACEMENT GYRO |
| ADA079565 | ACOUSTIC WATER LEAK ANALYZER. OPERATOR'S MANUAL |
| ADA079566 | THE ANNUAL MEETING OF THE INTERNATIONAL SKELETAL SOCIETY (6TH) |
| ADA079568 | OBSERVATIONS PERTAINING TO THE DYNAMICS OF THE PLASMA SHEET |
| - | |

| ADA079573 | PHYSIOLOGICAL RESPONSES OF MEN AND WOMEN TO HUMID AND DRY HEAT |
|-----------|--|
| ADA079574 | EFFECT OF WEATHER AT HANNOVER, FEDERAL REPUBLIC OF GERMANY, ON PERFORMANCE OF ELECTROOPTICAL IMAGING SYSTEMS. PART 3. UNCERTAINTIES IN COMPARISON OF FLIR PERFORMANCE IN THE 3-5 AND 8-12 MICROMETER BANDS |
| ADA079577 | PERSISTENCE OF IMPAIRED HEAT TOLERANCE FROM ARTIFICALLY INDUCED MILIARIA RUBRA |
| ADA079580 | DEFENSE USE OF MILITARY PERSONNEL IN INDUSTRIAL FACILITIES. LARGELY UNNECESSARY AND VERY EXPENSIVE |
| ADA079581 | MOST FEDERAL EMPLOYEES ON THE JOB 40 HOURS OR MORE WEEKLY: TIGHTER CONTROLS AMONG PROPOSALS FOR THOSE WHO WORK LESS |
| ADA079582 | IF ARMY HELICOPTER MAINTENANCE IS TO BE READY FOR WARTIME, IT MUST BE MADE EFFICIENT AND EFFECTIVE IN PEACETIME |
| ADA079583 | CENTRALIZING AIR FORCE AIRCRAFT COMPONENT REPAIR IN THE FIELD CAN PROVIDE SIGNIFICANT SAVINGS |
| ADA079584 | RESULTS OF THE COAST GUARD'S TARBALL SAMPLING PROGRAM |
| ADA079585 | A BATTERY FOR ARCTIC RADIO REPEATER SYSTEMS |
| ADA079586 | TIME ENCODER |
| ADA079587 | INTEGRAL EQUATION SPACE-ENERGY FLUX SYNTHESIS FOR SPHERICAL SYSTEMS |
| ADA079588 | GAAS ANALOG INTEGRATED CIRCUITS (GAAS RF-LSI). PHASE I. PROGRESS REPORT. VOLUME I. TECHNICAL |
| ADA079589 | GAAS ANALOG INTEGRATED CIRCUITS (GAAS RF-LSI). PHASE I. PROGRESS REPORT. VOLUME II. APPENDICES |
| ADA079591 | NONDESTRUCTIVE EVALUATION OF AIRPORT PAVEMENTS. VOLUME III. OPERATION MANUAL FOR MLGPAV PROGRAM AT TCC |
| ADA079592 | DISLOCATION INFLUENCE ON THE ELECTRICAL AND OPTICAL PROPERTIES OF SEMICONDUCTORS |
| ADA079593 | AN ANALYSIS OF THE JOINT TACTICAL INFORMATION DISTRIBUTION SYSTEM (JTIDS) AS A MOBILE SUBSCRIBER EQUIPMENT (MSE) ALTERNATIVE |
| ADA079594 | IMPURITY AND DEFECT BEHAVIOR IN HIGH-PURITY EPITAXIAL GAAS |
| ADA079596 | THEORETICAL STUDIES OF ELECTRONIC TRANSITION LASERS |
| ADA079597 | CURRENTS AND CHARGES ON CYLINDERS IN A PARALLEL-PLATE TRANSMISSION LINE |
| ADA079598 | EXPERIMENTAL INVESTIGATION OF ELECTROMAGNETIC PULSE (EMP) PROPAGATION IN A CONDUCTION PLASMA |
| ADA079599 | PRICING OURSELVES OUT OF THE MARKET: THE ATTACK SUBMARINE PROGRAM |
| ADA079600 | FEASIBILITY OF USE OF SIMPLE MODELS TO TEST EXPLOSIVE CRATERING OF |
| | |

DoD Tech Reports | Order Form | Catalog | Part 664 of 1597 | Page 4 of 22

| | ROADS ON SLOPES IN ROCK |
|-----------|--|
| ADA079601 | DESCRIPTION OF THE WHARTON/ODA SYSTEM |
| ADA079602 | GREAT POWER INTERESTS AND CONFLICTING OBJECTIVES IN THE MEDITERRANEAN-MIDDLE EAST-PERSIAN GULF REGION. PART I. BACKGROUND STUDIES |
| ADA079603 | SOVIET OPPORTUNITIES IN THE THIRD WORLD. BACKGROUND STUDIES: SUPPLEMENT |
| ADA079604 | U.S. STRATEGY IN THE EVENT OF A FAILURE OF DETENTE |
| ADA079605 | U.S. STRATEGY IN THE EVENT OF A FAILURE OF DETENTE. EXECUTIVE SUMMARY |
| ADA079606 | SIMPLE ONE DIMENSIONAL MODELS OF THE PENETRATION OF RODS |
| ADA079607 | PHYSICAL AGING STUDIES OF SEMICRYSTALLINE POLY(ETHYLENE TEREPHTHALATE) |
| ADA079608 | PHYSICAL AGING STUDIES OF STYRENE-BUTADIENE AND CARBONATE- SILOXANE BLOCK COPOLYMERS |
| ADA079609 | ENVIRONMENTAL QUALITY RESEARCH FISH AND AUFWUCHS BIOASSAY |
| ADA079610 | MICRODETERMINATION OF SUCROSE IN PLASMA WITH THE ANTHRONE REAGENT |
| ADA079611 | CONTINUATION OF RESEARCH IN THE APPLICATION OF ANALOG SAMPLED DATA SIGNAL PROCESSING TO LOW-COST SPEECH BANDWIDTH COMPRESSION |
| ADA079613 | O2 (1 DELTA)-I ATOM KINETIC STUDIES |
| ADA079614 | QUANTITATIVE PROCEDURE FOR POSITION IDENTITY DEFINITION |
| ADA079615 | SEISMIC WAVEFORM ANALYSIS OF UNDERGROUND NUCLEAR EXPLOSIONS |
| ADA079616 | SPACE-VARIANT OPTICAL SYSTEMS |
| ADA079617 | AERODYNAMICS OF ADVANCED AXIAL-FLOW TURBOMACHINERY |
| ADA079618 | EXPERIMENTAL AND ANALYTICAL STUDY OF EROSIVE BURNING OF SOLID PROPELLANTS |
| ADA079619 | NONLINEAR WAVE PROCESS HIERARCHIES AND THE CYCLIC DEVELOPMENT OF QUASI-ORDERED STRUCTURES IN TURBULENT SHEAR FLOWS |
| ADA079620 | NEAR-MILLIMETER WAVE TECHNOLOGY BASE STUDY: VOLUME I. PROPAGATION AND TARGET/BACKGROUND CHARACTERISTICS |
| ADA079621 | COMPUTER ROUTINES FOR USE IN SECOND-ORDER VOLTERRA IDENTIFICATION OF EMI |
| ADA079622 | INM INTEGRATED NOISE MODEL VERSION 2. PROGRAMMER'S GUIDE |
| ADA079623 | DEVELOPMENT OF NUMERICAL TECHNIQUES AND COMPUTER SYSTEMS FOR DESIGN, ANALYSIS AND FABRICATION OF INTERDIGITAL TRANSDUCERS AS SURFACE ACOUSTIC WAVE DEVICES |
| ADA079624 | BATHYMETRIC DATA REDUCTION SUBSYSTEM |

| ADA070625 | FIDER OPTIC COURT FRC |
|-----------|---|
| | FIBER OPTIC COUPLERS |
| ADA079626 | ADVANCED QUERY TECHNIQUES |
| ADA079627 | RELIABILITY EVALUATION AND ELECTRICAL CHARACTERIZATION OF MEMORIES |
| ADA079630 | ROLE AFFILIATION AND ATTITUDES OF NAVY WIVES |
| ADA079631 | ROTORCRAFT FLIGHT SIMULATION, COMPUTER PROGRAM C81. VOLUME 1. ENGINEER'S MANUAL |
| ADA079632 | ROTORCRAFT FLIGHT SIMULATION, COMPUTER PROGRAM C81. VOLUME 2. USER'S MANUAL |
| ADA079633 | HIGH STRENGTH RAPID PAYOUT FIBER OPTIC CABLE ASSEMBLY |
| ADA079634 | STUDIES OF THE STATISTICAL BIAS AND SIGNAL CHARACTERISTICS OF LASER VELOCIMETERS |
| ADA079635 | HIGH EFFICIENCY SOLAR PANEL, PHASE II, GALLIUM ARSENIDE |
| ADA079636 | MAINTENANCE TRAINING SIMULATORS DESIGN AND ACQUISITION: SUMMARY OF CURRENT PROCEDURES |
| ADA079637 | DIELECTRIC LAYERS ON III-V SEMICONDUCTORS |
| ADA079638 | SPACECRAFT TEST CHAMBER CONTAMINATION STUDY IN THE AEDC MARK I FACILITY |
| ADA079639 | LAND MANAGEMENT ALTERNATIVES IN THE LAKE ERIE DRAINAGE BASIN |
| ADA079640 | LAKE CHAMPLAIN ICE FORMATION AND ICE FREE DATES AND PREDICTIONS FROM METEOROLOGICAL INDICATORS |
| ADA079641 | RELATION OF THE ONE-PHASE STEFAN PROBLEM TO THE SEEPAGE OF LIQUIDS AND ELECTROCHEMICAL MACHINING |
| ADA079642 | THE FORMULATION OF SELECTED FREE BOUNDARY PROBLEMS AS CONSERVATION LAWS |
| ADA079643 | ELECTRONIC STOPPING POWER CALCULATIONS FOR ALL HEAVY IONS AT LOW VELOCITY IN ALL ELEMENTS |
| ADA079644 | CATALYTIC OXIDATION OF PHOSPHINES BY TRANSITION METAL-ACTIVATED CARBON DIOXIDE |
| ADA079645 | ENERGY DISSIPATION OF RAYLEIGH WAVES DUE TO ABSORPTION ALONG THE PATH BY THE USE OF FINITE ELEMENT METHOD |
| ADA079646 | QUATERNARY ALLOY MICROWAVE MESFET |
| ADA079647 | JANNAF PLUME TECHNOLOGY MEETING (11TH). VOLUME II |
| ADA079648 | PHOSPHORUS TRANSPORT IN RIVERS |
| ADA079649 | PIEZOELECTRIC AND PYROELECTRIC APPLICATIONS OF PLASTICS |
| ADA079650 | LAKE ERIE WASTEWATER MANAGEMENT STUDY, METHODOLOGY REPORT |
| ADA079651 | WATER QUALITY DATA FOR LAKE ERIE BASIN SMALL WATERSHED SAMPLING STATIONS |
| l | |

DoD Tech Reports | Order Form | Catalog | Part 664 of 1597 | Page 6 of 22

| ADA079652 | WATER QUALITY DATA FOR LAKE ERIE BASIN TRIBUTARY MOUTH SAMPLING STATIONS |
|-----------|--|
| ADA079653 | TIME-RESOLVED INFRARED SPECTRAL PHOTOGRAPHY |
| ADA079654 | WEAR IN FLUID POWER SYSTEMS |
| ADA079655 | CHARACTERIZATION OF NONSTATIONARY CLUTTER |
| ADA079656 | INFRARED NONLINEAR OPTICS IN SEMICONDUCTORS |
| ADA079657 | ATOMIC AND MOLECULAR GAS PHASE SPECTROMETRY |
| ADA079658 | CRUSTAL AND UPPER MANTLE VELOCITY AND Q STRUCTURES OF MAINLAND CHINA |
| ADA079659 | CRUSTAL AND UPPER MANTLE VELOCITY AND Q STRUCTURES OF MAINLAND CHINA |
| ADA079660 | DEVELOPMENT OF A RASTER SCANNER AND COLOR SEPARATION SYSTEM (SCI-TEX RESPONSE 250 CARTOGRAPHIC SYSTEM) |
| ADA079661 | THE EFFECT OF SEDIMENT RIGIDITY ON BOTTOM REFLECTION LOSS |
| ADA079662 | MICROMECHANISMS OF FRACTURE OF FIBROUS COMPOSITES IN MONOTONIC LOADING |
| ADA079663 | FAR FIELD MONITOR FOR INSTRUMENT LANDING SYSTEMS |
| ADA079664 | DIAGNOSING RACE RELATIONS IN MANAGEMENT |
| ADA079665 | SELF-CONSISTENT KINETIC THEORY OF STOCHASTICITY |
| ADA079666 | ENGINEERING DESIGN HANDBOOK. BREECH MECHANISM DESIGN |
| ADA079667 | APPLICATION OF THE UNIVERSAL SOIL LOSS EQUATION IN THE LAKE ERIE DRAINAGE BASIN |
| ADA079668 | ENVIRONMENTAL STATEMENT, OSWEGO STEAM STATION, UNIT SIX |
| ADA079676 | ENVIRONMENTAL STATEMENT, LAKE CITY STATION, UNIT ONE |
| ADA079678 | A STANDARDIZATION EVALUATION POTENTIAL STUDY OF THE COMMON MULTI-MODE RADAR PROGRAM |
| ADA079681 | COMPUTER PROGRAM FOR GENERATING INPUT FOR ANALYSIS OF IMPINGEMENT-COOLED, AXIAL-FLOW TURBINE BLADE |
| ADA079683 | APPLICATION AND COMPARISON OF STABLE PERIODIC ORBITS IN THE VICINITY OF LAGRANGIAN POINTS L4 AND L5 TO A FOUR-BODY TRUTH MODEL |
| ADA079685 | PREDICTION OF EFFECTIVE OFFICER PERFORMANCE |
| ADA079687 | NICKEL-CADMIUM AIRCRAFT BATTERIES: MANAGEMENT FOR ENGINE CRANKING |
| ADA079688 | PULSE CAPABILITY OF THE AIRI LEAD CHLORIDE ELECTRODE |
| ADA079689 | MECHANICAL ENGINEERING DESIGN OF THE DREO OPTICAL RECORDER FOR SEASAT |

| ADA079690 | INVESTIGATION OF METHODS TO IMPROVE THE LOW TEMPERATURE CHARGE ACCEPTANCE OF LEAD-ACID BATTERIES |
|-----------|---|
| ADA079691 | WATER QUALITY DATA FOR SANDUSKY RIVER MATERIAL TRANSPORT STATIONS |
| ADA079692 | A COMPUTER MODEL FOR EVALUATING THE EFFECTS ON FIGHTING VEHICLE CREWMEMBERS OF EXPOSURE TO CARBON MONOXIDE EMISSIONS |
| ADA079693 | EARTHQUAKE ANALYSIS OF THE MODIFIED GEOMETRY OF THE CONCRETE NONOVERFLOW SECTION RICHARD B. RUSSELL DAM |
| ADA079694 | COMPUTATION OF AXISYMMETRIC SEPARATED NOZZLE-AFTERBODY FLOW |
| ADA079695 | JAPAN'S DEFENSE POLICY: FORECAST AND IMPLICATIONS |
| ADA079696 | CRUISE REPORT FOR USNS DESTEIGUER OPERATIONS IN OUTPOST GUMBO |
| ADA079697 | INTERACTIVE DIGITAL SATELLITE IMAGE PROCESSING SYSTEM FOR OCEANOGRAPHIC APPLICATIONS |
| ADA079698 | INVESTIGATION OF IN SITU COMPOSITES FOR ELECTROMAGNETIC DEVICE APPLICATIONS; WITH EMPHASIS ON DEVELOPMENT OF MICROWAVE TUBE CATHODES AND HIGH RESOLUTION DISPLAYS |
| ADA079699 | LEAD: PRELIMINARY POLLUTANT LIMIT VALUE FOR LEAD COMPOUNDS IN SOIL |
| ADA079701 | UNITIES IN INDUCTIVE REASONING |
| ADA079702 | MEASURES OF EFFECTIVENESS FOR SHIPBOARD NUCLEAR WEAPONS PHYSICAL SECURITY SYSTEMS |
| ADA079703 | LIQUID OXYGEN/LIQUID HYDROGEN AUXILIARY PROPULSION SYSTEM THRUSTER INVESTIGATION |
| ADA079704 | DISPERSION MAPPING THEOREMS |
| ADA079705 | AN ESTIMATE RELATED TO THE STRONG MAXIMUM PRINCIPLE |
| ADA079706 | THE BOLTZMANN EQUATION WITH A SOFT POTENTIAL. PART I. LINEAR, SPATIALLY-HOMOGENEOUS |
| ADA079707 | ABSTRACT OPTIMALITY THEORY |
| ADA079708 | THE INVERSE REFLECTION PROBLEM FOR A SMOOTHLY STRATIFIED ELASTIC MEDIUM |
| ADA079709 | MODA LANGUAGE FOR DISTRIBUTED PROGRAMMING |
| ADA079710 | ARITHMETIC OF COMPLEX SETS |
| ADA079711 | EUROPEAN SCIENTIFIC NOTES. VOLUME 33, NUMBER 11 |
| ADA079712 | N-TYPE MOLYBDENUM DISELENIDE-BASED LIQUID JUNCTION SOLAR CELLS: A NON-AQUEOUS ELECTROLYTE SYSTEM EMPLOYING THE CHLORINE/CHLORIDE COUPLE |
| ADA079713 | MILITARY OCCUPATIONAL HEALTH SURVEILLANCE PROGRAM |
| ADA079714 | OIL POLLUTION RESPONSE PLANNING GUIDE FOR EXTREME WEATHER |
| | |

| ADA079715 | ELASTIC DOMAIN WALL WAVES IN FERROELECTRIC CERAMICS AND SINGLE CRYSTALS |
|-----------|---|
| ADA079716 | AN ADAPTIVE NONLINEAR LEAST-SQUARES ALGORITHM |
| ADA079717 | DERIVATIVES AND CODIFFERENTIALS OF MAPS WITH CLOSED CONVEX GRAPHS AND CONVEX OPERATORS |
| ADA079718 | FINITE-AMPLITUDE SOLITARY WATER WAVES |
| ADA079719 | COMPUTING OPTIMAL LOCALLY CONSTRAINED STEPS |
| ADA079720 | SOME CONTINUITY PROPERTIES OF POLYHEDRAL MULTIFUNCTIONS |
| ADA079721 | THE USE OF THE TETRACHORIC SERIES FOR EVALUATING MULTIVARIATE NORMAL PROBABILITIES |
| ADA079722 | ONE-SIDED CONTINUOUS DEPENDENCE OF MAXIMAL SOLUTIONS |
| ADA079723 | ENERGY RELEASE RATE CALCULATIONS FOR INTERFACE EDGE CRACKS BASED ON A CONSERVATION INTEGRAL |
| ADA079724 | ON THE MAXIMALITY OF THE SUM OF TWO MAXIMAL MONOTONE OPERATORS |
| ADA079725 | BIFURCATIONS OF A MODEL DIFFUSION-REACTION SYSTEM |
| ADA079726 | NEARLY BALANCED INCOMPLETE BLOCK DESIGNS |
| ADA079727 | CLOSED-LOOP EIGENVALUE SPECIFICATION FOR INFINITE DIMENSIONAL SYSTEMS: AUGMENTED AND DEFICIENT HYPERBOLIC CASES |
| ADA079728 | A GLOBALLY CONVERGENT BALL NEWTON METHOD |
| ADA079729 | ON SUBHARMONIC SOLUTIONS OF HAMILTONIAN SYSTEMS |
| ADA079730 | DOD STANDARD INTERNET PROTOCOL |
| ADA079731 | ON EFFICIENT TIME-STEPPING METHODS FOR NONLINEAR SECOND ORDER HYPERBOLIC PARTIAL DIFFERENTIAL EQUATIONS |
| ADA079732 | IMPLIED ASSUMPTIONS FOR SOME PROPOSED ROBUST ESTIMATORS |
| ADA079733 | FURTHER STUDY OF ROBUSTIFICATION VIA A BAYESIAN APPROACH |
| ADA079734 | CONVERGENCE OF ABSTRACT SPLINES |
| ADA079735 | ON SOLVING ROBUST AND GENERALIZED LINEAR REGRESSION PROBLEMS |
| ADA079736 | NONLINEAR OSCILLATIONS AND BOUNDARY-VALUE PROBLEMS FOR HAMILTONIAN SYSTEMS |
| ADA079737 | A STUDY OF REAL DATA |
| ADA079738 | ANALYSIS OF MIXED METHODS USING MESH DEPENDENT NORMS |
| ADA079739 | WHY DO WE NEED SIGNIFICANCE LEVELS |
| ADA079740 | THE ECONOMIC EFFECTS OF ENVIRONMENTAL EXPENDITURES ON THE CONSTRUCTION INDUSTRY |
| ADA079741 | PROCEEDINGS OF THE SYMPOSIUM (INTERNATIONAL) ON COMBUSTION |
| | |

DoD Tech Reports | Order Form | Catalog | Part 664 of 1597 | Page 9 of 22

| | (17TH) HELD IN LEEDS, ENGLAND, ON 20-25 AUGUST 1978 |
|-----------|---|
| ADA079742 | COHERENCE IN PENNING IONIZATION AND FIRST KIND COLLISIONS: VOLUME RECOMBINATION OF IONS/ELECTRONS |
| ADA079743 | MARINE SEISMIC DISPLAY ENHANCEMENT PROGRAM. VOLUME II. PROCESSING SOFTWARE |
| ADA079744 | DEGREE SEQUENCES OF RANDOM GRAPHS |
| ADA079745 | THERMAL OUTGASSING OF DC 93-500, A TWT ENCAPSULANT |
| ADA079746 | AN ANALYTICAL AND EXPERIMENTAL STUDY OF AIRCRAFT HYDRAULIC LINES INCLUDING THE EFFECT OF MEAN FLOW |
| ADA079747 | PREDICTING THE FATIGUE LIFE OF FLEXIBLE AIRFIELD PAVEMENTSA RECOMMENDED APPROACH |
| ADA079748 | STRONG TURBULENCE EFFECTS ON SHORT WAVELENGTH LASERS |
| ADA079749 | AUTOMATIC TARGET CUER |
| ADA079750 | AVENUE TO UNDERSTANDING THE MECHANISM OF RADIATION EFFECTS. EXTENDED SERIAL SACRIFICE EXPERIMENTAL METHODOLOGY |
| ADA079751 | OUTLASTING SALT II AND PREPARING FOR SALT III |
| ADA079752 | ADVANCED FIREFLY ASSESSMENT GENERALIZED MECHANIZATION REQUIREMENTS REPORT |
| ADA079753 | MARINE SEISMIC DISPLAY ENHANCEMENT PROGRAM. VOLUME III. USERS HANDBOOKS, SEISMIC DATA ACQUISITION SYSTEM (SDAS), SEISMIC DATA DISPLAY SYSTEM (SDDS) |
| ADA079754 | AN EVALUATION OF ERIM X-L BAND AIRBORNE SYNTHETIC APERTURE RADAR IMAGERY OF SEA ICE |
| ADA079755 | AN EVALUATION OF SIDE LOOKING RADAR IMAGERY OF SEA ICE FEATURES AND CONDITIONS IN THE LINCOLN SEA, NARES STRAIT, AND BAFFIN BAY |
| ADA079756 | A STEADY-STATE ANALYSIS OF CANDIDATE TOWING CABLES FOR A DEEP- TOWED GEOPHYSICAL ARRAY SYSTEM |
| ADA079757 | TURBULENCE AND STATISTICAL MECHANICS |
| ADA079758 | HISTORICAL TRENDS IN POLLUTANT LOADINGS TO LAKE ERIE |
| ADA079759 | METABOLIC DISPOSITION OF LABELED WR-158,122 IN BILE-DUCT CANNULATED AND BILE-DUCT LIGATED RATS AND IN A MONKEY |
| ADA079760 | COMPONENTS OF HUMAN INTELLIGENCE |
| ADA079761 | THE CONSTRUCT VALIDITY OF APTITUDE TESTS: AN INFORMATION-PROCESSING ASSESSMENT |
| ADA079762 | EVALUATION OF EVIDENCE IN CAUSAL INFERENCE |
| ADA079776 | STANDARD ENGINEERING INSTALLATION PACKAGE AN/TSQ-117, AIRCRAFT CONTROL CENTRAL |
| ADA079777 | LOGIC TREE TROUBLESHOOTING AIDS: ORGANIZATIONAL AND |

DoD Tech Reports | Order Form | Catalog | Part 664 of 1597 | Page 10 of 22

| | INTERMEDIATE MAINTENANCE |
|-----------|--|
| ADA079778 | STRUCTURES AND PROPERTIES OF POLYURETHANES. PART II |
| ADA079779 | STRUCTURE AND PROPERTIES OF POLYURETHANES. PART 1 |
| ADA079780 | IZHEVSKIY PETROLEUM EQUIPMENT PLANT |
| ADA079781 | BLACK ACID-RESISTANT VARNISH BT-783 |
| ADA079782 | GEODETIC JOURNAL (SELECTED ARTICLES) |
| ADA079783 | GEODESY AND CARTOGRAPHY (SELECTED ARTICLES) |
| ADA079784 | PAINT AND VARNISH MATERIALS. A METHOD OF DETERMINING THE ULTIMATE TENSILE STRENGTH, RELATIVE ELONGATION AT RUPTURE, AND MODULUS OF ELASTICITY |
| ADA079785 | DATA PROCESSING BY MEANS OF FUNCTIONAL OPTRONS |
| ADA079786 | ENVIRONMENTAL STATEMENT. OSWEGO STEAM STATION. UNIT 5 |
| ADA079787 | A METHODOLOGY FOR EVALUATION OF AMMUNITION PACKAGING/CONTAINERIZATION ALTERNATIVES ON A LIFE CYCLE BASIS |
| ADA079788 | EVALUATION OF THE DIVING SYSTEMS INTERNATIONAL SUPERLITE 17B HELMET |
| ADA079789 | EVALUATION OF THE BOATMAN, INC. ARMET F.R.S. 1000 HELMET |
| ADA079790 | SURFACE HARMONIC EXPANSIONS AND MEAN GRAVITY ANOMALIES |
| ADA079791 | BURNING VELOCITIES OF A SOLID PROPELLANT, VIA A MICROWAVE TECHNIQUE, AT ELEVATED PRESSURES AND PRESSURIZATION RATES |
| ADA079792 | SHORT-TIME MASS VARIATION IN NATURAL ATMOSPHERIC DUST |
| ADA079793 | THE UNEMPLOYMENT INSURANCE TAX AND LABOR TURNOVER: FURTHER EMPIRICAL RESULTS |
| ADA079794 | DETERMINATION DANS LES INSTALLATIONS AU SOL DES PARAMETRES AERODYNAMIQUES DE STABILITE DES AERONEFS (DETERMINATION IN GROUND FACILITIES OF AERODYNAMIC STABILITY PARAMETERS OF AIRCRAFT) |
| ADA079795 | OPTIMUM DETECTION OF A RANDOMLY FREQUENCY-MODULATED CARRIER |
| ADA079796 | BOOM OPERATOR PART-TASK TRAINER: TEST AND EVALUATION OF THE TRANSFER OF TRAINING |
| ADA079797 | BIBLIOGRAPHY OF SOVIET LASER DEVELOPMENTS, NUMBER 39, JANUARY - FEBRUARY 1979 |
| ADA079798 | CROSSLINKING CHEMISTRY FOR FLUOROCARBON ETHER BIBENZOXAZOLE POLYMERS |
| ADA079800 | DOES LICENSING IMPROVE THE QUALITY OF SERVICE: THE CASE OF DENTISTS |
| ADA079801 | ESTIMATION OF WAVE TRANSMISSION COEFFICIENTS FOR PERMEABLE BREAKWATERS |
| ADA079802 | OPTIMAL WHEREABOUTS SEARCH FOR A MOVING TARGET |

| ADA079803 | EASY ACLS DYNAMIC ANALYSIS. VOLUME II. PART II. COMPONENT COMPUTER PROGRAMS |
|-----------|---|
| ADA079804 | THE AIR FORCE SHOULD RECOVER EXCESS COSTS OF PRIOR F-15 CONTRACTS AND TAKE ACTION TO SAVE COSTS ON FUTURE F-15 CONTRACTS |
| ADA079805 | BLUE/GREEN COUPLED WAVE FILTER STUDY |
| ADA079806 | INFLUENCE OF RARE-EARTH ADDITIONS ON PROPERTIES OF TITANIUM ALLOYS. PLANE-STRAIN FRACTURE TOUGHNESS, CREEP, AND HIGH-TEMPERATURE DEFORMATION OF TI-6AL-4V WITH ERBIUM AND YTTRIUM ADDITIONS |
| ADA079807 | THE ANDERSON-DARLING STATISTIC |
| ADA079808 | THE FEASIBILITY OF OIL ANALYSIS FOR AIR FORCE DIESEL ENGINES |
| ADA079809 | ADVANCED LOW COST G-CUING SYSTEM (ALCOGS) |
| ADA079810 | THE EFFECTS OF PITCHING RATE ON THE HYDRODYNAMIC PROPERTIES OF HYDROFOILS |
| ADA079811 | IMPACT FUSION WITH A SEGMENTED RAIL GUN |
| ADA079812 | INDIUM PHOSPHIDE FOR HIGH FREQUENCY POWER TRANSISTORS |
| ADA079813 | QUANTITATIVE FRACTOGRAPHY OF A FATIGUED TI-28 W/O V ALLOY |
| ADA079814 | PHOTOIONIZATION STUDIES OF MOLECULAR DYNAMICS AND ENERGETICS |
| ADA079815 | AN EQUIVALENCE BETWEEN TWO ALGORITHMS FOR QUADRATIC PROGRAMMING |
| ADA079816 | GRADIENT ALGORITHMS FOR THE OPTIMIZATION OF DYNAMIC SYSTEMS |
| ADA079817 | OCEANOGRAPHIC ATLAS OF THE BERING SEA BASIN |
| ADA079819 | PROSPECTING FOR METEOROLOGICAL ENERGY IN HAWAII |
| ADA079822 | TRENCH WAVES |
| ADA079823 | VIGILANCE PERFORMANCE OF MEN SLEEPING UNDER ARCTIC CONDITIONS |
| ADA079824 | MESOSCALE VARIATIONS IN THE DEEP SOUND CHANNEL AND EFFECTS ON LOW- FREQUENCY AND PROPAGATION |
| ADA079830 | LOW-POWER LASER ALTERATION OF PHYSIOLOGICAL PROCESSES |
| ADA079831 | TORREJON AB, MADRID, SPAIN. REVISED UNIFORM SUMMARY OF SURFACE WEATHER OBSERVATIONS (RUSSWO). PARTS A-F |
| ADA079832 | THE NORDA HEMISPHERIC MIXED LAYER MODEL SYSTEM (HMLMS): A FUNCTIONAL DESCRIPTION |
| ADA079833 | MAGNETIC PATTERN OF THE WESTERN ATLANTIC SOUTH OF 40 N |
| ADA079834 | OPERATION OF A 2000 GALLON PER DAY REVERSE OSMOSIS DESALINATION SYSTEM ABOARD MONOB (YAG-61) |
| ADA079835 | LOGISTICS PLANS CAREER LADDER, AFSC 661X0 |
| ADA079836 | WEATHER CAREER LADDER, AFSC 251XO/A |
| 1 | |

| ADA079838 | RAMSTEIN AB, LANDSTUHL, GERMANY. REVISED UNIFORM SUMMARY OF SURFACE WEATHER OBSERVATIONS (RUSSWO). PARTS A-F |
|-----------|--|
| ADA079840 | CLARK AFB, ANGELES, PHILIPPINES. REVISED UNIFORM SUMMARY OF SURFACE WEATHER OBSERVATIONS (RUSSWO). PARTS A-F |
| ADA079841 | HAHN AB, HUNSBRUCK, GERMANY. REVISED UNIFORM SUMMARY OF SURFACE WEATHER OBSERVATIONS (RUSSWO). PARTS A-F |
| ADA079845 | BITBURG AB, BITBURG, GERMANY. REVISED UNIFORM SUMMARY OF SURFACE WEATHER OBSERVATIONS (RUSSWO). PARTS A-F |
| ADA079848 | REVISED UNIFORM SUMMARY OF SURFACE WEATHER OBSERVATIONS (RUSSWO), MARCH AFB, RIVERSIDE, CALIFORNIA |
| ADA079850 | ANALYTICAL/EXPERIMENTAL INVESTIGATION OF THE INSTABILITY OF COMPOSITE CYLINDRICAL PANELS |
| ADA079851 | MINIMUM TIME TURNS WITH THRUST REVERSAL |
| ADA079852 | THRUST VECTORING TO ELIMINATE THE VERTICAL STABILIZER |
| ADA079853 | A STUDY OF SHORT CYLINDRICAL SHELLS WITH AND WITHOUT CUTOUTS UNDER PURE BENDING |
| ADA079854 | AN EXPERIMENTAL WEIGHT FUNCTION METHOD FOR STRESS INTENSITY FACTOR CALIBRATION |
| ADA079855 | USE OF AN AERODYNAMIC TURN TO MAXIMIZE THE ORBIT INCLINATION CHANGE FOR THE SPACE SHUTTLE ORBITER |
| ADA079856 | THE PREDICTION OF MASS LOADED NATURAL FREQUENCIES AND FORCED RESPONSE OF COMPLEX, RIB-STIFFENED STRUCTURES |
| ADA079857 | AN EXPERIMENTAL STUDY OF STATIC THRUST AUGMENTATION USING A 2-D VARIABLE EJECTOR |
| ADA079858 | A NUMERICAL STUDY OF NORMAL-SHOCK/TURBULENT BOUNDARY LAYER INTERACTIONS |
| ADA079859 | MODERN OPTIMAL CONTROL METHODS APPLIED IN ACTIVE CONTROL OF A CANTILEVER BEAM IN BENDING VIBRATION |
| ADA079860 | STABILIZING AN UNSTABLE ORBIT ABOUT L3 IN THE SUN, EARTH, MOON SYSTEM USING LINEAR CONSTANT GAIN FEEDBACK |
| ADA079861 | COMPARISON OF NUMERICAL ANALYSIS METHODS FOR SOLVING ONE- DIMENSIONAL ELLIPTIC DIFFERENTIAL EQUATIONS |
| ADA079862 | COLUMN BUCKLING OF ISOTROPIC AND COMPOSITE BEAMS USING A TRUNCATED FOURIER SERIES |
| ADA079863 | A SINGLE PULSE SHOCK TUBE STUDY OF PYROLYSIS OF MONOMETHYLAMINE |
| ADA079864 | FEASIBILITY STUDY ON THE USE OF LEAKAGE FLUX NDT METHODS FOR AUTOMATIC INSPECTION OF M-42 GRENADE BODIES |
| ADA079865 | USAF BIOENVIRONMENTAL NOISE DATA HANDBOOK. VOLUME 75. C-141A AIRCRAFT, NEAR AND FAR-FIELD NOISE |
| | |

| ADA079866 | USAF BIOENVIRONMENTAL NOISE DATA HANDBOOK. VOLUME 120. C-5A |
|-----------|---|
| | AIRCRAFT, NEAR AND FAR-FIELD NOISE LISA E DIOENWIRONMENTAL NOISE DATA HANDROOK, VOLLIME 121, E 4C. |
| ADA079867 | USAF BIOENVIRONMENTAL NOISE DATA HANDBOOK. VOLUME 121. F-4C AIRCRAFT, NEAR AND FAR-FIELD NOISE |
| ADA079868 | USAF BIOENVIRONMENTAL NOISE DATA HANDBOOK. VOLUME 128. T-38 AIRCRAFT IN THE AF32A-18 NOISE SUPPRESSOR, NEAR AND FAR-FIELD NOISE |
| ADA079869 | USAF BIOENVIRONMENTAL NOISE DATA HANDBOOK. VOLUME 131. F-4 AIRCRAFT IN THE AF32A-14 NOISE SUPPRESSOR, NEAR AND FAR-FIELD NOISE |
| ADA079870 | USAF BIOENVIRONMENTAL NOISE DATA HANDBOOK. VOLUME 132. F-5 AIRCRAFT IN THE AF32A-18 NOISE SUPPRESSOR, NEAR AND FAR-FIELD NOISE |
| ADA079871 | USAF BIOENVIRONMENTAL NOISE DATA HANDBOOK. VOLUME 133. F-15 AIRCRAFT IN THE AF32A-23 NOISE SUPPRESSOR, NEAR AND FAR-FIELD NOISE |
| ADA079872 | USAF BIOENVIRONMENTAL NOISE DATA HANDBOOK. VOLUME 134. KC-135A AIRCRAFT IN THE MODIFIED AF32A-52A NOISE SUPPRESSOR, FAR-FIELD NOISE |
| ADA079873 | USAF BIOENVIRONMENTAL NOISE DATA HANDBOOK. VOLUME 135. F-106 AIRCRAFT IN THE AF32A-17 NOISE SUPPRESSOR, NEAR AND FAR-FIELD NOISE |
| ADA079874 | USAF BIOENVIRONMENTAL NOISE DATA HANDBOOK. VOLUME 136. F-111A AIRCRAFT IN THE AF32A-13 NOISE SUPPRESSOR, FAR-FIELD NOISE |
| ADA079875 | USAF BIOENVIRONMENTAL NOISE DATA HANDBOOK. VOLUME 140. F-16 AIRCRAFT IN THE AF32A-25 NOISE SUPPRESSOR, NEAR AND FAR-FIELD NOISE |
| ADA079876 | A CALIBRATION OF THE PRESTON TUBE IN LIQUID FLOW SYSTEMS |
| ADA079877 | GROUND PLANE EFFECTS ON A CONTOURED SURFACE AT LOW SUBSONIC VELOCITIES |
| ADA079878 | VELOCITY PROFILES IN A LONG INLET DUCT EMPLOYING A PHOTON CORRELATING LASER VELOCIMETER WITHOUT SEEDING |
| ADA079879 | SHOCK INDUCED STARTING OF GASDYNAMIC LASER NOZZLES |
| ADA079880 | HOLOGRAPHIC INTERFEROMETRIC SURVEY OF BOUNDARY LAYER TRANSITION IN AN AXISYMMETRIC FREE CONVECTION THERMAL BOUNDARY LAYER |
| ADA079881 | DETERMINATION OF THE MINIMUM DELTA V TRANSFER TRAJECTORY FROM A LOW EARTH ORBIT TO A STABLE ORBIT AROUND THE LAGRANGIAN POINT L4 IN A RESTRICTED FOUR-BODY SYSTEM |
| ADA079882 | A CHROMATOGRAPH INJECTION VALVE - AN APPARATUS FOR RAPID INSERTION OF MINIATURE GLASS SAMPLERS INTO THE CARRIER GAS FLOW OF A GAS CHROMATOGRAPH |
| ADA079883 | SHARK HAZARDS ON NAVY AND MARINE CORPS OPERATIONS. A DISCUSSION OF THE IMPACT OF SHARK HAZARDS ON NAVY AND MARINE CORPS OPERATIONS, EQUIPMENT AND PERSONNEL |
| ADA079884 | COMPACTNESS EFFECTS ON DRIFT OF ARCTIC PACK ICE |
| ADA079885 | NORTHERN SMITH SOUND OCEANOGRAPHY - SUMMER 1977 |

DoD Tech Reports | Order Form | Catalog | Part 664 of 1597 | Page 14 of 22

| ADA079886 | THERMISTOR ARRAY IMPEDANCE CONSIDERATIONS |
|-----------|--|
| ADA079887 | OCEAN DUMPING OF DREDGED MATERIAL AT THE JACKSONVILLE HARBOR DISPOSAL SITE: AN ENVIRONMENTAL TREND ASSESSMENT, FEBRUARY 1977 TO APRIL 1978 |
| ADA079888 | PARTICLE DIAGNOSTICS USING MIE SCATTERING AND IMAGE INTENSIFICATION TECHNIQUES |
| ADA079889 | MILITARY MESSAGE EXPERIMENT, MID EXPERIMENT REPORT |
| ADA079890 | STABILITY OF SELF-SIMILAR FLOW. 6. UNIFORM IMPLOSION OF AN ABLATIVELY DRIVEN SHELL |
| ADA079891 | LIGHT DISTRIBUTION NEAR THE LINE FOCUS IN A HSURIA LASER RESONATOR |
| ADA079893 | NOVA CODE SIMULATION OF A 155-MM HOWITZER: AN UPDATE |
| ADA079894 | MANUFACTURE OF ARMY HELMET MOLDS BY NUMERICAL CONTROL |
| ADA079895 | IGNITION OF ARTILLERY TRACERS MANUFACTURED WITH KNOWN DEFECTS |
| ADA079896 | BALLISTIC EVALUATION OF 19-PERFORATION PROPELLANT IN THE 155-MM PROPELLING CHARGE, M203E1 |
| ADA079897 | FUNCTIONAL REQUIREMENTS OF A TARGET DESCRIPTION SYSTEM FOR VULNERABILITY ANALYSIS |
| ADA079898 | EFFECTS OF HIGH PRESSURE ON MOLECULAR ELECTRONIC SPECTRA. II. MORSE-POTENTIAL FORMULATION |
| ADA079899 | FUSELAGE MOUNTED ANTENNA PATTERN PREDICTION COMPUTER PROGRAM |
| ADA079900 | WING MOUNTED ANTENNA PATTERN PREDICTION COMPUTER PROGRAM |
| ADA079901 | TERMINAL FORECAST REFERENCE NOTEBOOK |
| ADA079902 | INSTRUCTOR MODEL CHARACTERISTICS FOR AUTOMATED SPEECH TECHNOLOGY (IMCAST) |
| ADA079903 | ORBITAL ESTIMATION USING TWO-BODY CLASSICAL ORBITAL ELEMENTS AS MEASUREMENT UPDATES |
| ADA079904 | SEPARATION CONTROL IN THE ALL APT LIGHT PIPE |
| ADA079905 | EFFECT OF IMPERFECTIONS ON THE COLLAPSE OF RECTANGULAR PLATES USING VARIATIONAL CALCULUS |
| ADA079906 | COMPUTER SIMULATION OF A SOLAR ENERGY SYSTEM WHICH UTILIZES FLAT-PLATE SOLAR COLLECTORS |
| ADA079907 | STUDYING INTERGROUP RELATIONS IN ORGANIZATIONS |
| ADA079908 | NORMATIVE BILATERAL BRAINSTEM EVOKED RESPONSE DATA FOR A NAVAL AVIATION STUDENT POPULATION: GROUP STATISTICS |
| ADA079909 | EXPLORATORY ASSESSMENT OF AUTOMATED HEARING TEST SYSTEMS |
| ADA079911 | DEVELOPMENT OF VTOL FLYING QUALITIES CRITERIA FOR LOW SPEED AND HOVER |

| ADA079912 | AN EFFICIENT ALGORITHM FOR DETERMINING THE LENGTH OF THE LONGEST DEAD PATH IN AN 'LIFO' BRANCH-AND-BOUND EXPLORATION SCHEMA |
|-----------|---|
| ADA079914 | COMPUTERIZED PROCESSING AND GRAPHIC REPRESENTATION OF VISCOELASTIC MATERIAL PROPERTY DATA |
| ADA079915 | 3W ANALYSIS OF FY 78 ARMY AIRCRAFT ACCIDENTS |
| ADA079916 | A SOFTWARE PACKAGE FOR ESTIMATING TIME DIFFERENCES FOR ARTILLERY SOUND RANGING APPLICATIONS |
| ADA079917 | STATE-OF-THE-ART FOR ASSESSING EARTHQUAKE HAZARDS IN THE UNITED STATES. REPORT 15. TSUNAMIS, SEICHES, AND LANDSLIDE-INDUCED WATER WAVES |
| ADA079918 | STATE-OF-THE-ART FOR ASSESSING EARTHQUAKE HAZARDS IN THE UNITED STATES. REPORT 16. THE RELATION OF SUSTAINED MAXIMUM GROUND ACCELERATION AND VELOCITY TO EARTHQUAKE INTENSITY AND MAGNITUDE |
| ADA079919 | MAGNETOGASDYNAMIC PHENOMENA IN PULSED MHD FLOWS |
| ADA079920 | STUDY OF RESIDUAL STRESSES AND DISTORTION IN STRUCTURAL WELDMENTS IN HIGH STRENGTH STEELS |
| ADA079922 | ENVIRONMENTAL EFFECTS ON THE ADHESION OF ENTERMORPHA CLATHRATA |
| ADA079923 | APPLICATION OF THE ESTIMATION-BEFORE-MODELING (EBM) SYSTEM IDENTIFICATION METHOD TO THE HIGH ANGLE OF ATTACK/SIDESLIP FLIGHT OF THE T-2C JET TRAINER AIRCRAFT. VOLUME 2. SIMULATION STUDY USING T-2C WIND TUNNEL MODEL DATA |
| ADA079924 | APPLICATION OF THE ESTIMATION-BEFORE-MODELING (EBM) SYSTEM IDENTIFICATION METHOD TO THE HIGH ANGLE OF ATTACK/SIDESLIP FLIGHT OF THE T-2C JET TRAINER AIRCRAFT. VOLUME 3. IDENTIFICATION OF T-2C AERODYNAMICS STABILITY AND CONTROL CHARACTERISTICS FROM ACTUAL FLIGHT TEST DATA |
| ADA079925 | STRENGTHENING OF METALS BY MEANS OF FIBERS. CHAPTER 6 AND 7 |
| ADA079926 | BEHAVIOR OF ALKALI HALIDES AS MATERIALS FOR OPTICAL COMPONENTS OF HIGH POWER LASERS |
| ADA079927 | COMPUTATION OF SUPERSONIC SPACE ENCIRCLING FLOW OF BLUNT-NOSED BODY |
| ADA079928 | SEMICONDUCTOR PRODUCING INDUSTRY IN THE USSR |
| ADA079929 | COMPARISON OF THE AERODYNAMIC PROPERTIES OF AIRCRAFT WITH A CANARD AND A CONVENTIONAL ARRANGEMENT |
| ADA079930 | AIRCRAFT AND ASTRONAUTIC ENGINEERING |
| ADA079931 | MAN-MADE HEAVENLY PALACE |
| ADA079932 | SUBMARINES AGAINST SUBMARINES (SELECTED ARTICLES) |
| ADA079933 | EXPERIMENTAL RESEARCH ON FLOW OPTIMIZATION IN LOW-SPEED WIND TUNNELS |

| ADA079934 | LACQUERS AND PAINTS. METHOD FOR DETERMINING WEATHER-RESISTANCE OF COATINGS |
|-----------|---|
| ADA079935 | SELECTED PROBLEMS IN OPERATIONAL RELIABILITY OF TELECOMMUNICATIONS NETWORKS |
| ADA079936 | THE BORDERS OF OUR HOMELAND ARE INVIOLABLE |
| ADA079937 | HE FOUGHT ON DAMANSKIY |
| ADA079938 | ACTION OF THE LARGE DOSES OF GAMMA IRRADIATION ON THE PROPERTIES OF LASER |
| ADA079939 | NEUROPSYCHIC DISORDERS IN TRICHLORFON POISONING |
| ADA079940 | A STUDY OF AGENT-REACTIVE FABRICS FOR USE IN PROTECTIVE CLOTHING |
| ADA079941 | TECHNOLOGY STUDY ON PIEZOELECTRIC MATERIALS |
| ADA079942 | SOIL STRAIN MEASUREMENTS ON MISERS BLUFF. PHASE II |
| ADA079943 | DYNACYL PREDICTIONS OF AIR PRESSURE EFFECTS ON ELECTRON-BEAM IEMP |
| ADA079944 | MULTIWEAPON OPTIMIZER FOR STRATEGIC TARGETS (MOST). VOLUME I. FINAL REPORT |
| ADA079945 | MULTIWEAPON OPTIMIZER FOR STRATEGIC TARGETS (MOST). VOLUME II. USER'S GUIDE |
| ADA079946 | TRACE COMPUTER MODEL USER'S GUIDE |
| ADA079947 | EUROPEAN THEATER COMMAND, CONTROL, AND COMMUNICATIONS (ETC3) COMPUTER MODEL USER'S GUIDE |
| ADA079948 | AIRSICKNESS DURING NAVAL FLIGHT OFFICER TRAINING: BASIC SQUADRON VT-10 |
| ADA079949 | ENTREE PRODUCTION GUIDES FOR MODIFIED DIETS AT WALTER REED ARMY MEDICAL CENTER. PART I. CONSOLIDATED MODIFIED MEAT ENTREES |
| ADA079950 | CORROSION IN THE AUSTRALIAN DEFENCE SCENE. 1. THE ARMY AND ANCILLARY EQUIPMENT FOR THE RAAF |
| ADA079951 | MULTIPLE PLATFORM SENSOR INTEGRATION MODEL: MULSIM COMPUTER PROGRAM |
| ADA079952 | EXPLOSIVES: A BIBLIOGRAPHY OF MONOGRAPHS AND JOURNALS IN THE SCIENTIFIC AND TECHNICAL INFORMATION DIVISION (TECHNICAL LIBRARY) OF THE U.S. ARMY ARMAMENT RESEARCH AND DEVELOPMENT COMMAND |
| ADA079953 | PERFORMANCE OF A GEL PERMEATION CHROMATOGRAPH AND ITS USEFULNESS IN EXAMINING MIXTURES OF ORGANIC MATERIALS |
| ADA079954 | UNDERWATER SOUND SCATTERING BY MARINE ORGANISMS. A REVIEW |
| ADA079955 | THE INFLUENCE OF WAKE PATTERN ON THE RUDDER FORCE OF A SHIP MODEL IN A DEEP SEA |
| ADA079956 | A MONITOR UNIT FOR AUTOMATICALLY LOGGING POWER LINE DISTURBANCES |
| | |

DoD Tech Reports | Order Form | Catalog | Part 664 of 1597 | Page 17 of 22

| ADA079957 | RADIOMETRIC MEASUREMENTS USING LINE SCANNED INFRARED IMAGING SYSTEMS |
|-----------|--|
| ADA079958 | ENTREE PRODUCTION GUIDES FOR MODIFIED DIETS AT WALTER REED ARMY MEDICAL CENTER. PART 4. MEAT SUBSTITUTE ENTREES |
| ADA079960 | INHALATION TOXICITIES OF N,N-DIETHYL-META-TOLUAMIDE (M-DET), JANUARY - MAY 1979 |
| ADA079961 | ON THE PHYSICAL REALIZABILITY OF BROAD-BAND EQUIVALENT CIRCUITS FOR WIRE LOOP AND DIPOLE ANTENNAS |
| ADA079962 | ON THE PHYSICAL REALIZABILITY OF BROADBAND LUMPED-PARAMETER EQUIVALENT CIRCUITS FOR ENERGY-COLLECTING STRUCTURES |
| ADA079964 | AN ANALYSIS OF PARAMETERS OF A GAS-DYNAMIC LASER UTILIZING ACETYLENE COMBUSTION |
| ADA079965 | ELECTRICAL INSULATING IMPREGNATING VARNISH GF-95 |
| ADA079966 | INERTIAL GEODESY |
| ADA079967 | GEODESY AND MAPPING (SELECTED ARTICLES) |
| ADA079968 | AUTOMATION INSTITUTE, WARSAW COLLEGE OF ENGINEERING, THE OPERATING SYSTEM OF THE INTERFACE-MESSAGE COMPUTER SYSTEM FOR TRAFFIC CONTROL ON THE CENTRAL RAILROAD TRUNKLINE |
| ADA079969 | HOW TO INCREASE SPEED AND SAVINGS? SIMPLE INTRODUCTION TO THE TECHNIQUE OF 'OPTIMIZATION' |
| ADA079970 | ELECTRICAL INSULATING VARNISH KF-965 |
| ADA079971 | ELECTRICAL INSULATING VARNISH AD-93 |
| ADA079972 | HERO BORDER GUARDS |
| ADA079973 | OUR BORDERS ARE SACRED |
| ADA079974 | TRANSACTIONS OF THE INSTITUTE OF POLIOMYELITIS AND ENCEPHALITIS. MEDICAL VIROLOGY (SELECTED ARTICLES) |
| ADA079975 | EXPLOSIVE-MAGNETIC GENERATOR |
| ADA079976 | EXPERIMENTAL RESEARCH ON ARTIFICIALLY TRIGGERED LIGHTNING |
| ADA079977 | AN ANALYSIS OF THE PARAMETERS OF A GAS-DYNAMIC LASER WITH THE ACETYLENE COMBUSTION |
| ADA079978 | ABSORPTION CAPACITY OF DUST-AIR FLOW |
| ADA079979 | A STUDY OF TRANSPORT PROCESSES AND INITIATION OF CORROSION UNDER PAINT FILMS |
| ADA079980 | P-TYPE GALLIUM ARSENIDE EPITAXIAL GROWTH |
| ADA079982 | REGIONAL SEISMIC WAVE PROPAGATION |
| ADA079983 | PHOTOEMISSION YIELDS AT LOW X-RAY ENERGIES |
| ADA079984 | SIMULTANEOUS SRS AND SHG IN LITHIUM IODATE |

| ADA079985 | BASIC STUDIES RELATIVE TO THE SYNTHESES OF UNSYMMETRICAL DIMETHYLHYDRAZINE AND MONOMETHYLHYDRAZINE BY CHLORAMINATION |
|-------------|--|
| ADA079986 | INITIATION MECHANISMS OF SOLID ROCKET PROPELLANT DETONATION |
| ADA079987 | PARALLEL OPERATIONS ON BINARY IMAGES |
| ADA079988 | REGION PROPERTY COMPUTATION BY ACTIVE QUADTREE NETWORKS |
| ADA079989 | 19304D GSRS, MISSILE NUMBER 1046, ROUND NUMBER V-66, 23 AUGUST 1979 |
| ADA079990 | 19702A GSRS, MISSILE NUMBER 310, ROUND NUMBER B-33, 27 AUGUST 1979 |
| ADA079991 | 19702A GSRS, MISSILE NUMBER BR-3, ROUND NUMBER B-35, 31 AUGUST 1979 |
| ADA079992 | 19702A GSRS, MISSILE NUMBERS 308, 309, ROUND NUMBERS B-31, B-32, 18 AUGUST 1979 |
| ADA079993 | 19306B GSRS, MISSILE NUMBERS 1043, 1045, ROUND NUMBERS V-64, V-65, 17 AUGUST 1979 |
| ADA079994 | 19304B GSRS, MISSILE NUMBERS 1139, 1051 AND 1037, ROUND NUMBERS V-61, V-62 AND V-63, 9 AUGUST 1979 |
| ADA079995 | 12821A LANCE, MISSILE NUMBER 4819, ROUND NUMBER 335 NCL, 13 AUGUST 1979 |
| ADA079996 | FOURIER TRANSFORM INFRARED SPECTROSCOPY (FTIS). VOLUME I. TECHNICAL REPORT |
| ADA079997 | FOURIER TRANSFORM INFRARED SPECTROSCOPY (FTIS). VOLUME 2. USER'S MANUAL |
| ADA079998 | A STUDY OF THE SODIUM-HYDROGEN-OXYGEN SYSTEM |
| ADA079999 | 19702A GSRS, MISSILE NUMBER 004, ROUND NUMBER B-30, 17 AUGUST 1979 |
| ADA080000 | 19702D GSRS, MISSILE NUMBER 023, ROUND NUMBER B-38, 8 SEPTEMBER 1979 |
| ADA080001 | 19702A GSRS, MISSILE NUMBER 311, ROUND NUMBER B-39, 10 SEPTEMBER 1979 |
| ADA080002 | MILITARY (OTS ETE) SPECIFICATION FOR THE AMMETER, AC, CLAMP-ON |
| ADA080003 | MILITARY (OTS ETE) SPECIFICATION FOR THE GENERATOR, SIGNAL FUNCTION |
| ADA080004 | MILITARY (OTS ETE) SPECIFICATION FOR THE MULTIMETER, DIGITAL |
| ADA080005 | MILITARY (OTS ETE) SPECIFICATION FOR THE MULTIMETER, DIGITAL HANDHELD |
| ADA080006 | MILITARY (OTS ETE) SPECIFICATION FOR THE POWER METER, RF IN-LINE |
| ADA080007 | MILITARY (OTS ETE) SPECIFICATION FOR THE POWER METER, SHF |
| ADA080008 | MILITARY (OTS ETE) SPECIFICATION FOR THE SPECTRUM ANALYZER, LOW FREQUENCY |
| ADA080009 | MILITARY (OTS ETE) SPECIFICATION FOR THE SPECTRUM ANALYZER, RF |
| ADA080010 | MILITARY (OTS ETE) SPECIFICATION FOR THE SWEEP GENERATOR, SHF |
| | |

| ADA080011 | MILITARY (OTS ETE) SPECIFICATION FOR THE TRANSMISSION TEST SET |
|-----------|--|
| ADA080012 | MILITARY (OTS ETE) SPECIFICATION FOR THE VOLTMETER, AC TRUE RMS |
| ADA080013 | MILITARY (OTS ETE) SPECIFICATION FOR THE VOLTMETER, RF |
| ADA080014 | MILITARY (OTS ETE) SPECIFICATION FOR THE WATTMETER, RF |
| ADA080015 | COLOR DEFECTIVES' JUDGMENTS OF SIGNAL LIGHTS AT SEA: A REPLICATION |
| ADA080016 | EVALUATION OF OZONE OXIDATION AND UV DEGRADATION OF DIMETHYLNITROSAMINE |
| ADA080017 | THE LIMITING EFFECTS OF ASTIGMATISM ON VISUAL PERFORMANCE THROUGH PERISCOPES |
| ADA080018 | FLIGHT PHYSICAL STANDARDS OF THE 1980'S: SPINAL COLUMN CONSIDERATIONS |
| ADA080019 | COMPUTER AIDED PARAMETRIC SONAR DESIGN UPDATE |
| ADA080020 | A COMPARISON OF THE BURG AND THE KNOWN-AUTOCORRELATION AUTOREGRESSIVE SPECTRAL ANALYSIS OF COMPLEX SINUSOIDAL SIGNALS IN ADDITIVE WHITE NOISE |
| ADA080021 | TERRAIN ANALYSIS PROCEDURAL GUIDE FOR ROADS AND RELATED STRUCTURES (REPORT NUMBER 2 IN THE ETL SERIES ON GUIDES FOR ARMY TERRAIN ANALYSTS) |
| ADA080023 | AEROTHERMAL EVALUATION OF HIGH-TEMPERATURE STRUCTURAL MATERIALS FOR USE IN HIGH-PERFORMANCE MISSILE DESIGN |
| ADA080024 | ENVIRONMENTAL QUALITY RESEARCH: USE OF UNICELLULAR ALGAE FOR EVALUATION OF POTENTIAL AQUATIC CONTAMINANTS |
| ADA080025 | APPLICATION OF THE ESTIMATION-BEFORE-MODELING (EBM) SYSTEM IDENTIFICATION METHOD TO THE HIGH ANGLE OF ATTACK/SIDESLIP FLIGHT OF THE T-2C JET TRAINER AIRCRAFT. VOLUME 1. EXECUTIVE SUMMARY |
| ADA080026 | ANNUAL REPORT 1,2 (4TH) |
| ADA080027 | CHOLERA VACCINE |
| ADA080028 | APPLICATION OF ROBUST FILTERING AND SMOOTHING TO TRACKING DATA |
| ADA080029 | MICROSTRUCTURAL PROCESSES IN THE DEFORMATION AND FRACTURE OF POLYMERS |
| ADA080030 | STUDIES ON MOLLUSCICIDAL AND OTHER PROPERTIES OF THE ENDOD PLANT, PHYTOLACCA DODECANDRA |
| ADA080031 | RESEARCH ON MICROWAVE JUNCTION GATE FIELD EFFECT TRANSISTORS |
| ADA080032 | BEHAVIORAL CRITERIA IN RESEARCH AND THE STUDY OF RACISM: PERFORMING THE JACKAL FUNCTION. PART II |
| ADA080033 | EXPOSURE. A NEWSLETTER FOR OCEAN TECHNOLOGISTS. VOLUME 7, NUMBER 5 |
| ADA080034 | COMBINING AND UPDATING OF LOCAL ESTIMATES AND REGIONAL MAPS ALONG SETS OF ONE-DIMENSIONAL TRACKS |
| | |

DoD Tech Reports | Order Form | Catalog | Part 664 of 1597 | Page 20 of 22

| ADA080035 | QUIET TIME LOWEST OBSERVABLE FREQUENCY (QLOF) CALCULATION PROGRAM |
|-----------|---|
| ADA080036 | COMPUTER AIDED PARAMETRIC SONAR DESIGN |
| ADA080037 | BEAMED ENERGY COUPLING STUDIES |
| ADA080038 | CONVOL: A COMPUTER PROGRAM FOR PARAMETRIC SOURCE NEARFIELD AND FARFIELD BEAM PATTERNS |
| ADA080039 | EVALUATION OF A PROTOTYPE MILITARY BACKPACK |
| ADA080040 | INITIAL NUCLEAR RADIATION ENVIRONMENTS DUE TO TACTICAL NUCLEAR WEAPONS DETONATED IN AIR-OVER-GROUND AND AIR-OVER-SEA GEOMETRIES |
| ADA080042 | MEASUREMENT OF MOMENTS OF INERTIA AND PRINCIPAL INERTIA AXIS OF A GNAT AIRCRAFT |
| ADA080043 | INITIATION OF AERATED NITROGLYCERINE IN AN EDUCTOR |
| ADA080044 | STUDY OF NOISE IN CROSSED-FIELD DEVICES |
| ADA080045 | EFFECTS OF OZONE ON EXERCISING AND SEDENTARY ADULT MEN AND WOMEN REPRESENTATIVE OF THE FLIGHT ATTENDANT POPULATION |
| ADA080046 | THREE-DIMENSIONAL LAMINAR SOLUTION OF THE NAVIER-STOKES EQUATIONS USING BODY-FITTED COORDINATE SYSTEMS. PART II |
| ADA080047 | COMPARISON OF SPECIFICATIONS FOR HEAD-UP DISPLAYS IN THE NAVY A-4M, A- 7E, AV-8A, AND F-14A AIRCRAFT |
| ADA080048 | COMBINED CYCLE STEAM GENERATOR GAS SIDE FOULING EVALUATION. PHASE 1 |
| ADA080049 | STUDY OF THE MELTING BEHAVIOR OF YAG SINGLE CRYSTAL BY OPTICAL DIFFERENTIAL THERMAL ANALYSIS |
| ADA080050 | NON-CARCINOGENIC REPLACEMENTS FOR PBNA ANTIOXIDANT IN PBXN-105 AND PBXN- 106 EXPLOSIVES |
| ADA080051 | AN ANALYSIS OF PLASTIC SHOCK WAVES IN SNOW |
| ADA080052 | CALCULATIONS OF COMBINED HEAT AND VAPOUR TRANSPORT THROUGH CLOTHING SYSTEMS: APPLICATION TO WATER-VAPOUR-PERMEABLE RAINWEAR |
| ADA080053 | EXPERIMENTAL STUDY OF AN OPTICAL GUIDED-BEAM SPLITTER |
| ADA080054 | M198 HOWITZER AUXILIARY MOVER DEMONSTRATION |
| ADA080055 | INTERACTIVE ELECTRONIC CIRCUIT SIMULATION ON SMALL COMPUTER SYSTEMS |
| ADA080056 | A USE OF TIME SERIES IN IMPROVING WEATHER FORECASTING |
| ADA080057 | CATHODIC PROTECTION OF CIVIL WORKS STRUCTURES |
| ADA080058 | PHYSIOLOGICAL AND PSYCHOMOTOR EFFECTS OF LOW ALTITUDE AIR COMBAT MANEUVERING |
| ADAU80038 | COMBAT MANEUVERING |

| ADA080059 | STUDIES OF AURAL NONLINEARITY AND THE MECHANISMS OF AUDITORY FATIGUE |
|-----------|---|
| ADA080060 | MARINE TRAFFIC DATA OF CHICAGO, ILLINOIS AND THE SOUTH SHORE OF LAKE MICHIGAN |
| ADA080061 | MAGNETOMECHANICAL COUPLING AND MAGNETOSTRICTION IN VERTICALLY ZONED TB.27DY.73FE2 |
| ADA080062 | 19304D GSRS, MISSILE NUMBER 1063, ROUND NUMBER V-67, 29 AUGUST 1979 |
| ADA080063 | SURVIVAL DURING THE FIRST YEAR AFTER A NUCLEAR ATTACK |
| ADA080064 | TERRAIN ANALYSIS PROCEDURAL GUIDE FOR GEOLOGY (REPORT NUMBER 3 IN THE ETL SERIES ON GUIDES FOR ARMY TERRAIN ANALYSTS) |
| ADA080065 | TOWARD THE DEVELOPMENT OF A NEW SELECTION BATTERY FOR AIR TRAFFIC CONTROL SPECIALISTS |
| ADA080066 | TRANSITION TO TURBULENCE IN FREE SHEAR-LAYERS |
| ADA080067 | DEFENSE MODERNIZATION IN THE PEOPLE'S REPUBLIC OF CHINA |
| ADA080068 | PROCESSING MECHANISMS, STRUCTURE AND MORPHOLOGY OF HIGH TEMPERATURE POLYMERIC ALLOYS. PART II |
| ADA080070 | ROTATIONAL POPULATION TRANSFER IN DF |
| ADA080071 | STRUCTURE AND PROPERTIES OF GLASSES |
| ADA080072 | THERMODYNAMICS OF ORGANIC COMPOUNDS |
| ADA080073 | COMPUTATION OF THREE-DIMENSIONAL AERODYNAMIC FLOW |
| ADA080074 | FAST PARALLEL REALIZATION OF MATRIX MULTIPLICATION |
| ADA080075 | MILITARY (OTS ETE) SPECIFICATION FOR THE CABLE TEST SET, TIME DOMAIN REFLECTOMETER (TDR) |
| ADA080076 | 3.2 MILLIMETER WAVE TRANSMITTER TUBE |
| ADA080077 | ENTOMOLOGICAL (BIOLOGICAL-ECOLOGICAL-TOXICOLOGICAL-CYTOGENETIC) AND PARASITOLOGICAL STUDIES IN RELATION TO MALARIA AND ITS RESPONSIBLE VECTORS IN EGYPT |
| ADA080078 | ION IMPLANTATION IN PEROVSKITE TYPE FERROELECTRICS |
| ADA080079 | ENZYMOLOGY OF PLANT CELL WALL BREAKDOWN BY PLANT PATHOGENS |
| ADA080080 | CALCULATION OF THE RESPONSE OF ADAPTION KITS IN ACCIDENTAL SIDE IMPACTS |
| ADA080081 | WAVE PROPAGATION IN THREE-DIMENSIONAL INELASTIC MEDIA |
| ADA080083 | A MARTINGALE METHOD FOR THE CONVERGENCE OF A SEQUENCE OF PROCESSES TO A JUMP-DIFFUSION PROCESS |
| ADA080084 | FRACTURE AT ELEVATED TEMPERATURE IN DISPERSION STRENGTHENED ALLOYS |
| ADA080085 | PROCEEDINGS OF CONFERENCE ON OIL TANKER TRANSPORTATION: AN INTERDISCIPLINARY ANALYSIS OF NATIONAL AND INTERNATIONAL POLICY |
| | |

DoD Tech Reports | Order Form | Catalog | Part 664 of 1597 | Page 22 of 22

| | AND PRACTICE HELD AT GEORGETOWN, SOUTH CAROLINA ON 8-10 NOVEMBER 1978 |
|-----------|---|
| ADA080086 | GENERALIZED OPTIMALITY CRITERIA FOR FREQUENCY CONSTRAINTS, BUCKLING CONSTRAINTS AND BENDING ELEMENTS |