

~~U N C L A S S I F I E D~~

ARB-NO. 053705

PARAPSYCHOLOGY(U)

A R E P O R T B I B L I O G R A P H Y

003370
TO: NATIONAL SECURITY AGENCY
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REQUESTED BY: JULY 66 101313

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FOR
SCIENTIFIC AND TECHNICAL INFORMATION
CAMERON STATION, ALEXANDRIA, VIRGINIA

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T E C H N I C A L R E P O R T B I B L I O G R A P H

D D C S E A R C H C O N T R O L N O 053705

A LIST OF THE CITATIONS FOR CLASSIFIED REPORTS FOLLOWS INDICATING THE ACCESSION NUMBER, THE REPORT LIMITATION BY CODE, IF ANY, AS WELL AS THE ENTRY AND REPORT CLASSIFICATIONS. ENTRIES ARE ARRANGED CHRONOLOGICALLY IN REPORT CLASSIFICATION ORDER. THE ABBREVIATIONS AND CODES USED FOR THE VARIOUS CLASSIFICATIONS AND REPORT LIMITATIONS ARE EXPLAINED IN THE TRANSMITTAL ATTACHMENT.

ACCESSION NO.	REPORT	ENTRY
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A C C O U N T A B I L I T Y R E C O R D J U L

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DEMAND BIBLIOGRAPHY DDC SEARCH CONTROL NO.053

AD-281 886
CALIFORNIA UNIV LOS ANGELES
10
JULY 62 UCLA
NONR23354
SCP 0 UNCLASSIFIED REPORT

DESCRIPTORS: *GROUP DYNAMICS, *PSYCHOLOGY, *REASONING
IDENTIFICATION, PERCEPTION, PUBLIC OPINION, REACTION
(PSYCHOLOGY), SENSORY MECHANISMS, SOCIAL COMMUNICAT-
ION (U)

EXPERIMENT TO A THEORY OF COGNITIVE DISSONANCE.

AD-278 43DIV. 15 U (TISTP/JW) OTS PRICE \$1.60
MATHEMATICS RESEARCH CENTER, U. OF WISCONSIN, MADIS-
ON. NOTE ON I & SS, AND REFEREN I FLU CE
H EFFECT OF ATTRIBUTED ABILITY UPON EXPERT AND
REFERENT INFLUENCE. DISCUSSION OF H RELEVANCE
OF THIS EXPERIMENT TO A THEORY OF COGNITIVE DISSONA-
NCE. AD-278 43DIV. 15 U (TISTP/JW) OTS PRICE
\$1.60 MATHEMATICS RESEARCH WITH NONNEGATIVE COEFFI-
CIENTS FOR PARTIAL DIFFERENTIAL EQUATIONS, BY DONALD
GREENSPAN, MAY 62, 16P. 3 REFS. (MRC TECHNICAL
SUMMARY REPT. NO. 323) (CONTRACT DA 11-022-ORD-2059-
) UNCLASSIFIED PEPGRT DESCRIPTORS: *PARTIAL DIFF-
ERENTIAL EQUATIONS, NUMERICAL ANALYSIS. IDENTIFIE-
RS: DIFFERENCE APPROXIMATIONS. ON REGION R, THE
LINEAR OPERATOR $U(x,y) = U_{xx} + 2B(x,y)U_{xy} + C(x,y)U_{yy}$,
 $C(x,y) > 0$, IS CONSIDERED. CONDITIONS ARE SOUGHT
UNDER WHICH AT $(x,y) \in R$, HAS A DIFFERENCE APPRO-
XIMATION $LH U = |U|$ WITH NON-NEGATIVE COEFFIC-
IENTS. IF B AND C ARE CONTINUOUS AND $U = C_2(R)$;
OR, ESSENTIALLY, IF B AND C ARE ANALYTIC AND U IS
A SOLUTION OF $U = 0$, THEN IT IS PROVED THAT
A NECESSARY AND SUFFICIENT CONDITCN FOR LH TO EXIST
IS THAT $B(x,y) \geq \min 1, C(x,y)$. WHEN THE LATTER
INEQUALITY IS VALID, LH IS GIVEN CONSTRUCTIVELY.
APPLICATION IS MADE TO AN EXTENSION OF A NUMERICAL
METHOD OF BERS FOR MILDLY NONLINEAR ELLIPTIC DIFFER-
ENTIAL EQUATIONS. (AUTHOR) (U)

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DEMAND BIBLIOGRAPHY DDC SEARCH CONTROL NO.05

AD-400 553

FOREIGN TECH DIV AIR FORCE SYSTEMS COMMAND WRIGHT-
PATTERSON AFB OHIO

BIOLOGICAL RADIO COMMUNICATION (U)

KAZHINSKIY, B.;

MAR. 63 FTD

TT 62 1876

SCP 0 UNCLASSIFIED REPORT

DESCRIPTORS: *PARAPSYCHOLOGY; BIOLOGY; BIONICS; COMM
UNICATION THEORY; NERVOUS SYSTEM; RADIO WAVES; THEOR-
Y (U)

IDENTIFIERS: USSR (U)

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DEMAND BIBLIOGRAPHY DDC SEARCH CONTROL No.0:

AD-414 809

53.60

AIR FORCE CAMBRIDGE RESEARCH LABS BEDFORD MASS
TESTING FOR EXTRASENSORY PERCEPTION WITH A MACHINE,

(U)

DAGLE, EVERETT F.; HILL, MARGARET D.; MOTT-
SMITH, JOHN ;

MAY 63 31 P.

AFCRL 63 141

SCP 0 UNCLASSIFIED REPORT

DESCRIPTORS: (•PARAPSYCHOLOGY, TESTS), ELECTRONIC
EQUIPMENT, RECORDING SYSTEMS, PERSONALITY, PROBABIL-
ITY, STATISTICAL ANALYSIS, PERFORMANCE TESTS, PERCE-
PTION (U)

IDENTIFIERS: VERITAC, 1963 (U)

PARAPSYCHOLOGY, OF WHICH EXTRASENSORY PERCEPTION
(ESP) IS A BRANCH, IS NOT TRANSITORY. SINCE REPORTS
OF APPARENTLY SIGNIFICANT ESP PERFORMANCES ARE INCR-
EASING IN NUMBER, IT BECOMES MORE IMPORTANT TO USE
THE MOST RIGOROUS OF EXPERIMENTAL TECHNIQUES IN
TESTING THE ESP HYPOTHESIS. A DESIGN OF A SCIENTIF-
ICALLY RIGOROUS EXPERIMENT IN ESP IS PRESENTED AS
AN ACCEPTABLE MODEL FOR WORK IN THIS FIELD. THIS
REPORT COVERS THE DESIGN OF AN OBJECTIVE TEST OF
THREE MODES OF ESP, PRETEST CONSIDERATIONS AND PLAN-
NING, FINAL TESTING, AND RESULTS OBTAINED USING
THE SPECIALLY DESIGNED TESTING AND RECORDING MACHINE
THE VERITAC. FINALLY, A STATISTICAL ANALYSIS OF
THE RESULTS AND A DISCUSSION OF STATISTICAL CONSID-
ERATIONS ARE PRESENTED. (AUTHOR) (U)

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DEMAND BIBLIOGRAPHY DDC SEARCH CONTROL NO.053705

AD-426 694

FOREIGN TECH DIV AIR FORCE SYSTEMS COMMAND WRIGHT-
PATTERSON AFB OHIO
THOUGHTS AT A DISTANCE. (U)

KANTOROVICH, M.;

DEC. 63 5 P.

FTD TT63 1035

SCP 0 UNCLASSIFIED REPORT

TRANS. FROM SOVETSKAYA ROSSIYA (RUSSIAN), P. 4,
28 AUG 63.

DESCRIPTORS: (•PARAPSYCHOLOGY, COMMUNICATION SYSTEM-
S), (•BRAIN, PARAPSYCHOLOGY), PHYSIO LOGY, PSYCHO-
LOGY, SCIENTIFIC RESEARCH. (U)

IDENTIFIERS: 1963, USSR, TELEPATHY, THOUGHT TRANSMISS-
ION, MENTAL TELEPATHY, MIND READING, THOUGHTS, MIND-
. (U)

THOUGHTS AT A DISTANCE. (U)

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DEMAND BIBLIOGRAPHY DDC SEARCH CON

AD-443 677

OFFICE OF AEROSPACE RESEARCH WASHINGTON D C
STATUS OF AID PROJECT AS OF 30 JUNE 1964. (

JUNE 64 32 P.

SCP 0 UNCLASSIFIED REPORT
NOFORN

DESCRIPTORS: (*SCIENTIFIC RESEARCH; COMMUNISM
(*USSR, SCIENTIFIC RESEARCH); (*DOCUMENTATION
USSR); NUCLEAR WEAPONS, RADIATION DAMAGE, SOLID
STATE PHYSICS, PLASMA PHYSICS, PLASMA OSCILLA
MAGNETIC FIELDS, EXPLODING WIRES, VACUUM APPA
PLASMA MEDIUM, GLOW DISCHARGES, SOLAR FLARES,
IONS, SKY BRIGHTNESS, CLIMATOLOGY, HEAT-RESIS
MATERIALS; PHOTOGRAPHY, RADIO ASTRONOMY, METEOR
GY, SEISMOLOGY, SOLAR ECLIPSES, TERRESTRIAL MA
NETISM, ATMOSPHERE, OPTICAL PROPERTIES, METEOR
CENTRAL NERVOUS SYSTEM, PARAPSYCHOLOGY, PHYSICS
ELECTRICITY (U)

IDENTIFIERS: ELECTROPHYSIOLOGY, AID PROJECT

CONTENTS: ENERGETICS (PROPULSION); AEROSPACE E
ONMENT (GEOPHYSICS); INFORMATION COMPLEXES (ELE
NICS - RESEARCH IN INFORMATION THEORY); INFORMA
COMPLEXES (ELECTRONICS - RESEARCH ON ELECTRONIC
INFORMATION); LIFE SCIENCES (BIOLOGICAL SCIENCES
LIFE SCIENCES (BEHAVIORAL SCIENCES); MATERIALS R
ARCH (HIGH-TEMPERATURE MATERIALS); MATERIALS RES
(SOLID-STATE PHYSICS); AEROMECHANICS; PHYSICAL S
NCES; AND NUCLEARWEAPONS EFFECTS. (U)

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DEMAND BIBLIOGRAPHY DDC SEARCH CONTROL No. 053705

AD-448 381

RESEARCH LAB OF ELECTRONICS MASS INST OF TECH CAMB-
RIDGE

MENTALISM IN LINGUISTICS, (U)

KATZ, JERROLD J. ;

44 12 P.

SCP 0 UNCLASSIFIED REPORT

REPRINT FROM LANGUAGE, 40:2, PP. 124-127, APR-JUN
64. (COPIES NOT SUPPLIED BY DDC)

DESCRIPTORS: (*SPEECH REPRESENTATION, THEORY), (*PARA-
PSYCHOLOGY, SPEECH RECOGNITION), AUDITORY PERCEPTION,
COMMUNICATION THEORY, LANGUAGE, VERBAL BEHAVIOR

(U)

IDENTIFIERS: LINGUISTICS, MENTALISM (U)

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DEMAND BIBLIOGRAPHY DDC SEARCH CONTROL No.053

AD-450 895

HARVARD UNIV BOSTON MASS MEDICAL SCHOOL
SENSORY DEPRIVATION: AROUSAL AND RAPID EYE MOVEMENT
CORRELATES OF SOME EFFECTS, (U)

ROSSI, ASCANIO M. ; FURHMAN, ALLAN ; SOLOMON,
PHILIP;

JULY 64 5 P.

NONR:86629

SCP 0 UNCLASSIFIED REPORT

REPRINT FROM PERCEPTUAL AND MOTOR SKILLS, 19, PP.
47-451, 1964. (COPIES NOT SUPPLIED BY DDC)

DESCRIPTORS: (SENSORY DEPRIVATION, MOTOR REACTIONS),
VISUAL PERCEPTION, MOTION, EYE, SLEEP, ILLUSIONS,
SENSATION (PHYSIOLOGY), BEHAVIOR, PARAPSYCHOLOGY,
ELECTROENCEPHALOGRAPHY, ATTENTION (U)

IDENTIFIERS: HALLUCINATIONS, ELECTROOCULOGRAPHY
(U)

THREE SS IN SENSORY DEPRIVATION WERE CONTINUOUSLY
MONITORED BY ELECTROENCEPHALOGRAPHIC (EEG) AND ELEC-
TROOCULOGRAPHIC (EOG) RECORDINGS. RETROSPECTIVE
REPORTS OF THEIR MENTAL STATES WERE GIVEN UPON RECE-
IPT OF A SIGNAL. RATINGS OF REPORTS CONTENTS WERE
COMPARED WITH EEG DETERMINED LEVELS OF AROUSAL AND
WITH THE OCCURRENCE OF RAPID EYE MOVEMENTS (REMS).
RESULTS INDICATE THAT THE INCIDENCES OF HALLUCINATI-
ONS AND THOUGHT DISORGANIZATION VARY INVERSELY WITH
LEVEL OF AROUSAL, AND HALLUCINATIONS ARE NOT ACCOMP-
ANIED BY REMS AS OCCURS DURING DREAMING. (AUTHOR)
(U)

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DEMAND BIBLIOGRAPHY DDC SEARCH CONTROL NO.053705

AD-460 447
AEROSPACE TECHNOLOGY DIV LIBRARY OF CONGRESS WASHI-
NGTON D C
SOVIET PARAPSYCHOLOGY. (U)
ANNOTATED BIBLIOGRAPHY ON SURVEYS OF
SOVIET-BLOC SCIENTIFIC AND TECHNICAL
LITERATURE.
JULY 64 17 P.
ATD-U-64-77
SCP 0 UNCLASSIFIED REPORT

DESCRIPTORS: (*PARAPSYCHOLOGY, USSR), BIBLIOGRAPHIES,
REPORTS, THEORY, MAGNETIC FIELDS, BRAIN, NERVOUS
SYSTEM, EXCITATION (U)
IDENTIFIERS: ABSTRACTS, HYPNOSIS, BIOMAGNETISM, MENTAL
TELEPATHY (U)

SOVIET RESEARCH IN PARAPSYCHOLOGY. (U)

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DEMAND BIBLIOGRAPHY DDC SEARCH CONTROL

AD-476 114 FLD. 5/10
FOREIGN TECHNOLOGY DIV WRIGHT-PATTERSON AFB OHIO
PARAPSYCHOLOGY - SCIENCE UNKNOWN. (U)
UNEDITED ROUGH DRAFT TRANSLATION,
DUMASOVA, JIRINA ;
NOV. 65 12 P.

FTD-TT-65-733
SCP 0 UNCLASSIFIED REPORT
DISTRIBUTION: NO FOREIGN WITHOUT APPROVAL
IGN TECHNOLOGY DIV. (AFSC) WRIGHT-PATTERSON
HIO. 45433, ATTN: TDBDP.

TRANS. FROM ZOMEDELSKE NOVINY, 26 SEP 64.
DESCRIPTORS: (*PARAPSYCHOLOGY, USSR), SCIENTIFIC
ARCH, BEHAVIOR, CZECHOSLOVAKIA (U)

STUDIES ON PARAPSYCHOLOGY. (M)

UNCLASSIFIED

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DEMAND BIBLIOGRAPHY DDC SEARCH CONTROL No.053705

AD-603 484

\$1.00

FOREIGN TECH DIV AIR FORCE SYSTEMS COMMAND WRIGHT-
PATTERSON AFB OHIO

THE RIDDLE OF 'PSI' PHENOMENA. (U)

NAUMOV, EDUARD ;

JULY 64 8 P.

FTD ;TT TT64 288; ,64 71182

SCP 0 UNCLASSIFIED REPORT

UNEDITED ROUGH DRAFT TRANS. FROM VODNYI TRANSPORT
(USSR) 1963, NO. 142, 28 NOV, P. 3.

DESCRIPTORS: (•PARAPSYCHOLOGY, THEORY), PERCEPTION
(PSYCHOLOGY), TESTS, CONFINED ENVIRONMENTS, SCIENTI-
FIC RESEARCH, USSR (U)

IDENTIFIERS: TELEPATHY (MENTAL) (U)

THE SCIENTIFIC VS. THE IDEALISTIC NATURE OF THE
PHENOMENON OF TELEPATHY IS DISCUSSED. (U)

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DEMAND BIBLIOGRAPHY DDC SEARCH CONTROL NO. 053705

AD-620 994

\$1.00 , \$0.50

FOREIGN TECHNOLOGY DIV WRIGHT-PATTERSON AFB OHIO
A PERSON WHO READS MINDS. (U)

JUNE 65 5 P.

FTD-TT-65-155

TT , 65-63919

SCP 0 UNCLASSIFIED REPORT

UNEDITED ROUGH DRAFT TRANS. FROM KOMMUNIST, EREVAN
(USSR) 23 NOV P2 1963.

DESCRIPTORS: (*PARAPSYCHOLOGY, PERSONNEL), REASONING,
PERCEPTION(PSYCHOLOGY), USSR (U)

IDENTIFIERS: MENTAL TELEPATHY (U)

(U)

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DEMAND BIBLIOGRAPHY DDC SEARCH CONTROL NO.053705

AD-286 808

DUKE UNIV DURHAM N C

RESEARCH ON ANIMAL ORIENTATION, WITH EMPHASIS UPON
THE PHENOMENON OF HOMING IN PIGEONS (U)

F

PRATT, J.G.;

OCT. 62 DUKE U

NONR118103

SCP 0 UNCLASSIFIED REPORT

DESCRIPTORS: *HOMING DEVICES, *PERCEPTION, *SENSORY
MECHANISMS, BEHAVIOR, BIONICS, CONDITIONED REFLEX,
DIRECTION FINDING, REACTION (PSYCHOLOGY), SUN
(U)

A DISCUSSION ON THE HOMING PERFORMANCE OF PIGEONS
IN AN ATTEMPT TO ELUCIDATE THE HYPOTHESIS THAT
EXTRASENSORY PERCEPTION MAY BE AN ESSENTIAL
FACTOR IN HOMING. USE OF MOBILE LOFTS ON LAND AND
ITS DISTURBING EFFECTS ON EXERCISE FLIGHTS AND POSS-
IBLE USE OF LOFTS ABOARD SHIP FOR FURTHER EXTR-
ASENSORY PERCEPTION STUDIES. (U)

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DEMAND BIBLIOGRAPHY DDC SEARCH CONTROL NO. 053705

AD-403 914

HARVARD UNIV BOSTON MASS MEDICAL SCHOOL
SUGGESTION EFFECTS ON REPORTED IMAGERY IN SENSORY
DEPRIVATION, (U)

ROSSI, ASCANIO M.; STURROCK, JOHN B.; SOLO-
MON, PHILIP ;
NOV. 62 6 P.

NONR1866 29

SCP 0 UNCLASSIFIED REPORT
REPRINT FROM PERCEPTUAL AND MOTOR SKILLS, 16,
PP. 39-45, 1963. (COPIES NO SUPPLIED BY DDC)

DESCRIPTORS: *SENSORY DEPRIVATION, *PARA PSYCHOLOGY,
ILLUSIONS, ILLUMINATION, HYPNOTICS AND SEDATIVES,
ANALYSIS OF VARIANCE, STIMULATION, TEST METHODS,
PERCEPTION, IMAGES. (U)

THE STUDY IS CONSIDERED A FIRST STEP IN TESTING
THE VALIDITY OF VERBAL REPORTS OF EXPERIENCED IMAGERY
IN SENSORY DEPRIVATION RESEARCH. IN PARTICULAR,
THIS STUDY ATTEMPTS TO EXAMINE THE EXTENT TO WHICH
THESE REPORTS ARE AFFECTED BY SUGGESTION. IT DOES
NOT ATTEMPT TO REPLICATE THE RESULTS OF OTHER STUDIES
WHICH HAVE INVESTIGATED THE RELATIONSHIP BETWEEN
SUGGESTIBILITY AS A PERSONALITY TRAIT AND REACTIONS
TO SENSORY DEPRIVATION. (AUTHOR) (U)

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AD-415 676

\$12.50

FOREIGN TECH DIV AIR FORCE SYSTEMS COMMAND WRIGHT-
PATTERSON AFB OHIO

BIOLOGICAL RADIO COMMUNICATIONS, (U)

KAZHINSKIY, B.B.;

FEB. 63 171 P.

FTD TT62 1923

SCP 0 UNCLASSIFIED REPORT

TRANS. FROM IZDATEL'STVO AKADEMI AUK UKRAINSKOY
SSR, PP. 1-168, 1962.

DESCRIPTORS: (*PARAPSYCHOLOGY, COMMUNICATION THEORY),
(*REVIEWS, PARAPSYCHOLOGY), (*BIONICS, COMMUNICAT-
ION THY), BRAIN, NERVOUS SYSTEM, BIBLIOGRAPHIES.

(U)

IDENTIFIERS: 1962, MENTALETELEPATHY, USSR (U)

CONTENTS: A CLEAR CASE OF BIOLOGICAL RADIO COM-
MUNICATION: SEARCHING FOR ANALOGIES; THE NERVOUS
SYSTEM AND RADIO ENGINEERING; THE FIRST SALLIES
INTO THE OPEN; LABORATORY EXPERIMENT. ONG THE QUAD-
RUPED AND FEATHERED FRIENDS OF V. L. DUROV: THE
DOG MARS PUTS THE SKEPTICS TO SHAME; I PLAY THE
PART OF A TEST SUBJECT; THE FARADAY CAGE; THE TWO-
NUMBER RIDDLE; DECISIVE EXPERIMENTS OF SOVIET SCIEN-
TISTS; RADIO COMMUNICATION AMONGINSECTS. RAYS OF
VISION: ELECTRICITY EVERYWHERE; THE YOGIS HAVE
KNOWN IT FOR A LONG TIME; A WORD ABOUT EMOTIONS.

THE EAR: AN ANALYZER OF BIO-ELECTRO MAGNETIC WAVES
OF ACOUSTICAL FREQUENCY: TWO-WAY COMMUNICATION
CIRCUITS IN THE NERVES; PAIN AT A DISTANCE. HOW
MATTER (BRIN) THINKS: MEMORY, A KIND OF HYSTERESIS;
NEURONS AND A TELEGRAPH CABLE; REFLEX ARCHES; MEMORY
STORAGE. K. E. TSIOLKOVSKIY ON TELEPATHY: PROFESSOR
IVANTSOV'S DOUBTS; MY REBUTTAL; BUT I AM NOT ALONE;
A. V. LEONTOVICH'S WORK SUPPORTS THE THEORY OF BIOL-
OGICAL RADIO COM MUNICATION; OUR RANKS ARE STEADILY
GROWING. THE FRIENDS AND ENEMIES ABROAD: INTEREST-
ING OBSERVA TIONS IN CANADA; THOUSANDS OF KILOMETERS
AWAY; SOME RESULTS AND PROSPECTS. (AUTHOR)

(U)

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DEMAND BIBLIOGRAPHY DDC SEARCH CONTROL NO.053705

AD-426 842

CALIFORNIA UNIV LOS ANGELES

DYNAMICS OF SOCIAL INFLUENCE. (U)

ANNUAL REPT. NO. 5, DEC 62-DEC 63,

5

RAVEN, BERTRAM H.;

DEC. 63 B P.

NONR23354 NR171 350

SCP 0 UNCLASSIFIED REPORT

DESCRIPTORS: (GROUP DYNAMICS, PUBLIC RELATION),
SOCIAL COMMUNICATION, BEHAVIOR, ATTITUDES, PARAP-
SYCHOLOGY, PERCEPTION. (U)

IDENTIFIERS: ESP, 1963, BELIEFS, JUDGMENT, PREJUDICE.-
(U)

ANNUAL REPORT DATA SUMMARIZED FROM PROJECT. DYNAMICS
OF SOCIAL INFLUENCE. (U)

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AD-445 277

WALTER REED ARMY INST OF RESEARCH WASHINGTON D C

(NO TITLE). (M)

ANNUAL PROGRESS REPT., 1 JULY 63-30 JUNE

64, VOL. 1.

A

U 427 P.

SCP 0 UNCLASSIFIED REPORT

NOFORN

DESCRIPTORS: (*MILITARY MEDICINE, ARMY), (*MEDICAL
RESEARCH, REPORTS), SURGERY, WOUNDS + INJURIES,
BLOOD, METABOLIC DISEASES, COMMUNICABLE DISEASES,
MICROBIOLOGY, BIOCHEMISTRY, PHYSIOLOGY, PSYCHIATRY,
DISEASE VECTORS, ECOLOGY, THAILAND, VIETNAM, IMMUNO-
LOGY, GERMFREE ATMOSPHERES, RADIATION INJURIES,
PATHOLOGY, PARASITOLOGY (U)
IDENTIFIERS: 1964 (U)

CONTENTS: COMBAT SURGERY; MILITARY INTERNAL MEDICI-
NE; MILITARY PSYCHIATRY; IONIZING RADIATION INJURY-
-PREVENTION AND TREATMENT; COMMUNICABLE DISEASES
AND IMMUNOLOGY; ARMY MEDICAL BASIC RESEARCH IN LIFE
SCIENCES; MILITARY PREVENTIVE MEDICINE; MILITARY
MEDICAL RESEARCH PROGRAM S. E. ASIA; MILITARY MEDICAL
MATERIEL; BIOMEDICAL. (U)

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DEMAND BIBLIOGRAPHY DDC SEARCH CONTROL NO.053705

AD-450 752

MANITOBA UNIV WINNIPEG

EFFECT OF SEVERE IMMOBILIZATION OF THE BODY ON INTEL-
LECTUAL AND PERCEPTUAL PROCESSES, (U)

ZUBEK, JOHN P. ; ARFTANAS, M. ; WILGOSH, L.
; WINOCUR, G. ;

0 16 P. DRB9425 08

SCP 0 UNCLASSIFIED REPORT

REPRINT FROM CANAD. JNL. PSYCHOL., 17:1, PP.118-12
3, 1963. (COPIES NOT SUPPLIED BY DDC)

DESCRIPTORS: (*SENSORY DEPRIVATION, CONFINEMENT (PSY-
CHOLOGY)), VISUAL PERCEPTION, AUDITORY PERCEPTION,
ATTENTION, PARAPSYCHOLOGY, MOTOR REACTIONS, VERBAL
BEHAVIOR, PSYCHOMOTOR TESTS, STRESS (PSYCHOLOGY),
PERSONALITY, ILLUSIONS, SENSATION (PHYSIOLOGY),
MOTION (U)

THE PURPOSE OF THE STUDY WAS TO DETERMINE WHETHER
SEVERE RESTRICTION OF KINESTHETIC STIMULATION ALONE
WILL PRODUCE ANY OF THE TYPICAL SENSORY AND PERCEPT-
UAL DEPRIVATION PHENOMENA. AN ANALYSIS OF THE DATA
REVEALED THAT IMMOBILIZED SUBJECTS REPORTED A SIGNI-
FICANTLY GREATER INCIDENCE OF INTELLECTUAL INEFFICI-
ENCY, BIZARRE THOUGHTS, EXAGGERATED EMOTIONAL REACTI-
ONS, TIME DISTORTIONS, CHANGES IN BODY IMAGE, UNUS-
UAL BODILY SENSATIONS, AND VARIOUS PHYSICAL DISCOMF-
ORTS, THAN DID THE RECUMBENT CONTROL SUBJECTS. HALL-
UCINATORY PHENOMENA, ALTHOUGH PRESENT, WERE RARE.
ON THE PERCEPTUAL-MOTOR TESTS, THERE WAS A SIGNIFIC-
ANT IMPAIRMENT OF DEXTERITY, KINESTHETIC ACUITY,
COLOUR DISCRIMINATION, AND REVERSIBLE FIGURES. PERC-
EPTION OF SIMPLE PATTERNS WAS ALSO AFFECTED TO SOME
DEGREE. PAIN SENSITIVITY, TACTUAL ACUITY, AND A
TEST OF CANCELLATION OF FIGURES WERE NOT AFFECTED.
NONE OF THE TESTS OF THE INTELLECTUAL BATTERY WERE
IMPAIRED. IT IS CONCLUDED THAT REDUCTION OF KINESTH-
ETIC STIMULATION ALONE CAN PRODUCE BEHAVIOURAL CHAN-
GES SIMILAR IN MANY RESPECTS TO THOSE OCCURRING
UNDER REDUCED VISUAL AND AUDITORY STIMULATION.
(AUTHOR) (U)

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AD-455 786

CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE PARIS
(FRANCE)

SOMATIC FUNCTIONS OF THE NERVOUS SYSTEM, (U)
BUSER, P. ; ROUGEUL, A. ;
61 32 P.

AF61 052 475

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SCP 0 UNCLASSIFIED REPORT

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REPRINT FROM ANNUAL REVIEW OF PHYSIOLOGY, 23,
PP. 387-418, 1961. (COPIES SUPPLIED BY DDC)

DESCRIPTORS: (NERVOUS SYSTEM, REVIEWS), PHYSIOLOGY,
END ORGANS, NEUROMUSCULAR TRANSMISSION, PARAPSYCHOL-
OGY, SENSORY MECHANISMS, NERVE IMPULSES, ACOUSTICS,
VISUAL PERCEPTION, PAIN, BRAIN, TASTE, ELECTRICAL
PROPERTIES (U)

IDENTIFIERS: ELECTROPHYSIOLOGY, HYPNOSIS (U)

SOMATIC FUNCTIONS OF THE NERVOUS SYSTEM. (U)

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MODEL OF PARAPSYCHOLOGICAL COMMUNICATION. (U)

UNEDITED ROUGH DRAFT TRANSLATION,

RYZL, M. ;

JULY 65

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FTD-TT-65-366

SCP 0 UNCLASSIFIED

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TRANS. FROM SDELOVACI TECHNIKA, NO. 8, PP. 299-
302, 1964.

DESCRIPTORS: (*INFORMATION THEORY, PARAPSYCHOLOGY),
(*PARAPSYCHOLOGY, INFORMATION THEORY), FEASIBILITY
STUDIES, RELIABILITY, PERCEPTION (PSYCHOLOGY), TRANS-
FER OF TRAINING, CODING, THEORY (U)
IDENTIFIERS: MENTAL TELEPATHY (U)

MODEL OF PARAPSYCHOLOGICAL COMMUNICATION. (U)

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AD-482 652 FLD. 5/10
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PSYCHIATRIE). (U)

VONDRÁČEK, V. ;
FEB. 66 236 P.

FTD-TT-65-532

SCP 0 UNCLASSIFIED REPORT
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IGN TECHNOLOGY DIV., WRIGHT-PATTERSON AFB, OHIO.
ATTN: TRANSLATION DIV.

TRANS. OF 190P REPORT, PRAGUE, 1964.

DESCRIPTORS: (*REACTION(PSYCHOLOGY), *PSYCHIATRY),
(*ATTITUDES, *HUMAN ENGINEERING), (*MOTIVATION,
*REASONING), USSR, CYBERNETICS, PSYCHOLOGY, SOCIAL
COMMUNICATION, MEDICINE, PERCEPTION(PSYCHOLOGY),
PERSONALITY, BEHAVIOR, EMOTIONS, PARAPSYCHOLOGY,
PSYCHOSES, PATHOLOGY, NEUROSES, ABNORMAL PSYCHOLOGY,
STRESS(PSYCHOLOGY), RELIGION, ANXIETY, ADJUSTMENT(P-
SYCHOLOGY), CZECHOSLOVAKIA (U)

IDENTIFIERS: TRANSLATIONS, VALUE JUDGEMENTS (U)

VALUATION AND ITS DISTURBANCES FROM THE STANDPOINT
OF PSYCHIATRY. TRANSLATION. (M)

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NORTH CAROLINA UNIV CHAPEL HILL

AN ANALYSIS OF RISK TAKING IN TERMS OF POWER AND
COMPARISON LEVEL, (U)

GUMPERT, PETER ; BATESON, NICHOLAS ;

63 49 P.

NONR855 04

SCP 0 UNCLASSIFIED REPORT

DESCRIPTORS: (*GAME THEORY, DECISION MAKING), (*DECIS-
ION MAKING, GAME THEORY), PROBABILITY, OPTIMIZATION,
DECISION THEORY, PARAPSYCHOLOGY, PERFORMANCE (HUMAN),
POWER, BEHAVIOR, SOCIAL PSYCHOLOGY (U)

AN ATTEMPT WAS MADE IN THIS PAPER TO ACCOUNT FOR
A PERSON'S SHOWING A CONSISTENT PREFERENCE BETWEEN
TWO GAMBLERS THAT DIFFER IN VARIANCE (I. E., IN DEGREE
OF RISKINESS) BUT HAVE THE SAME EXPECTED VALUE
(WHERE EXPECTED VALUE IS DEFINED AS THE SUM OF ALL
THE POSSIBLE PAYOFFS FROM THE GAMBLE, EACH ONE MULT-
IPLIED BY ITS OBJECTIVE PROBABILITY OF OCCURRENCE).

RESEARCHERS IN DECISION THEORY, STARTING FROM THE
ASSUMPTION THAT THE PERSON MUST BE MAXIMIZING UTILI-
TY, HAVE ADVANCED TWO MAJOR EXPLANATIONS FOR SUCH
A PREFERENCE. (U)

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