

[Physicaldonations] New Misc Donation - Ted Nelson collection - ...

Subject: [Physicaldonations] New Misc Donation - Ted Nelson collection - 1 boxes - Headquarters
From: kristy@archive.org
Date: 4/12/19, 2:35 PM
To: physicaldonations@archive.org

ACTION NEEDED: Yes

For each box received, print one copy of this email.
Number the boxes below, and place one sheet inside each box.

Box ___ of 1

Timestamp: Fri Apr 12 2019 14:35:36 GMT-0700 (PDT)

Email Address: tandm@xanadu.net

Name: Ted Nelson

Phone Number: 415-331-4422

Collection Name: Ted Nelson collection

Provenance (chronology of previous ownership): I created it

What is the amount being donated: 1

What types of media are included in this collection?: Printouts

What is the subject matter of this donation?: My diaries, 1984-5

Are there any condition or care notes that we should be aware of?: Please keep dark till after my death.

Received by IA Staff Member: Yes

Receiving Location: Headquarters

Other Comments: This is a duplicate, did not receive copy of original

Physicaldonations mailing list
Physicaldonations@archive.org
<http://mail.archive.org/cgi-bin/mailman/listinfo/physicaldonations>

INPUT AT PROWL OF MANY FILE CHIRN
1968
wasted time, they are off as access, p.05.11

Handwritten signature or initials in red ink.

~~1968~~

1968 NOTES
INPUT
TO BROWN HAS.

1968
INPUT AT BROWN, OF MANY FILE CHAIN
—wasted time, they cut off as ^{access.} ~~access.~~ / 11.03.11

WORLD AS DISCOVERED BY MAN'S MIND

SPL, HORIZONTAL FORMAT-----SPL?
 001 NICE PARA. DISPLAY METHOD: DOTS
 INDICATE DEGREE OF INDENTATION, VIZ.:
 ((ILLUSTRATION)) (IN LIKERT, _NEW
 PATTERNS_..., 44) CN#00526-----
 SPL002 NEOLOGISM FOR... IRD = IDEA &
 INFORMATION STORAGE, TRANSMISSION,
 PRESENTATION DISPLAY, RETRIEVAL,
 INTEGRATION CN#00580 SPL 003
 <SPLANDESICS> 1,2 SPLANDREMICS 1,3
 SPLANDROMICS 1,4,5 1) SUGGESTS DISPLAY,
 SPLASH, SPLENDOR 2)SUGGESTS GREASINESS
 3) " DREAMINESS 4) SUPPLIES USEFUL NOUN
 5) SUGGESTS TORPOR CN#00580-----
 SPL 004 SPLAN/DRATION /TACTICS
 <FRES>TIMOTHY CN#00580----- SPL 005
 I WOULD LIKE AN (ARITHMETICAL-)
 ALGEBRAIC NOTATION OR ALGEBRA WHICH
 1)PERMITS LISTING IN A STRAIGHT
 TYPOGRAPHICAL LINE 2) PERMITS
 EQUIVALENCES TO BE LISTED _WITHIN
 STATEMENTS, MUCH LIKE THE BLACKBOARD
 WRITEDOVER ((SYMBOL: X>Y, WITH NUMBERS
 SCMEHOW)) CN0628-----BEWARE THIS

?

}
 ?

1

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UNDERLINE, IT HAS A BUG IN IT<<<<< SPL
 006 <TEXT> SPLANDREMICS <CONCEPT>
 SPLANDREMICS <NEUROMUSCULAR &
 PROSTHETIC> SPLANDREMICS <TACTILE,
 SENSATE> SPLANDREMICS <DRILL>
 SPLANDREMICS (PROGRAMMED INSTRUCTION)
 <MOVIE & TAPE> (SQUIGGLE) ETC.
 CN0637----- SPL 007 <SPLANDREMICS>
 SUBSUMES AUDIO-VISUAL PRESENTATION
 PROGRAMMED LEARNING INFORMATION
 RETRIEVAL MNEMONICS CARTOGRAPHY DISPLAY
 CONFIGURATION STUDY AS WELL AS REFERENCE
 BOOKS, ANTHOLOGIES 'SCHOLARSHIP'
 (FOOTNOTING & CROSS-CHECKING) ARCHIVING
 (INTENTIONAL STORAGE) INDEXING
 CN0638----- SPL 008 <SPLANDREMICS>
 ((AND WRITTEN AT RIGHT ANGLES FROM THIS
 WORD, USING IT FOR THEIR INITIALS:))
 DISPLAY RETRIEVAL INTEGRATIVE,
 INTEGRATION CONTROL SYSTEMS
 CN0641----- SPL 009 CALENDARS DAILY
 REMINDERS CN0642----- SPL 010 IT
 ALL COMES FROM THIS: AT A POINT THE
 COST OF BUILDING ONE SPECIAL PURPOSE
 MACHINE IS NO MORE THAN THE COST OF

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BUILDING A GENERAL PURPOSE MACHINE WHICH
CAN FULFILL ALL THE SPECIAL PURPOSES.
CN0642_____SPL 011 SOMETHING ELSE
? THAT CAN BE PLANNED WITH AIDS BLOCKING
IN THEATER MOVEMENT OF FURNITURE,
FACILITIES CN0642_____ SPL 012
INTRO. SECTION FEASIBILITIES UNITY &
GENERALITY (IT'S ONE BALL OF WAX THE
REAL PROBLEMS CN0644_____ SPL 013
CHAPTERS MODALITIES OF TEXT MANIPULATION
AND SUMMARY (INDEXES & THE CATEGORY
PROBLEM BRUTE SEARCH (& ITS INUTILITY
CN0644_____ SPL 014 ICS ((AND
DEPENDING FROM THESE AS INITIALS:))
INSTRUMENTAL CONTROL SYSTEMS
CN0646_____SPL 015 CRUCIAL
DEVELOPMENTS: THE BUFFER.
MULTI-PURPOSE AUTOMATIC SWITCHING
DEVICES. FAST-ACTION REPRODUCTION
MATERIALS (XEROX, THERMOFAX,
MICRO-CHIPS.) CN0646_____SPL 016
"SPL" SUGGESTS E/ IRRUPTION AND
DIVERSITY... CN0647_____ SPL 017
CHP EFFECTS ON HIGHER EDUCATION AND
RESEARCH " SECONDARY EDUCATION " PRIMARY

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EDUCATION CN0648_____ SPL 018
<INCREASE> OF PERSONAL FACE-TO-FACE
INFLUENCES LIKELY, WITH INCREASED
SEAMLESS, MONOLITHIC APPEARANCE OF THE
_S_PLANDREMIC _w_HOLE. (BUT THIS LIKELY
TO VARY WITH AGE GROUPS.)
CN0649_____ SPL 019 ANY NUMERICAL
ORDERINGS THAT APPEAR IN THE
PRESENTATION OF A LIST OF AUTHORS OF A
PAPER WILL _TEND TO BECOME APRESTIGE OR
SENIORITY RANKING CN0649_____ SPL
020 CH. ON <ONTOLOGY> (I.E.,
IMPLICATIONS FOR OUR WAYS OF THINKING
ABOUT TEXTS) CN0649_____SPL 021
CONFIGURATIONS THAT WILL DEVELOP DEPEND
ON ECONOMICS TECHNOLOGY EFFECTIVENESS
SALESMANSHIP FORESIGHT CN0649_____
SPL 022 SPL:AC WOODS HOLE OCEANOGRAPHIC
INSTITUTION NUMBERS ITS DISTRIBUTED
PAPERS CONSECUTIVELY. CN0649_____
SPL 023 AN UNBOUNDED FIELD. ((MESSY
GRAPH-DIAGRAM CONTAINING THE FOLLOWING
WORDS, WITH ARROWS BETWEEN THEM:)) TEXTS
WRITING CHOICE CONTROL PROGRAMMED
EDUCATION DISPLAY AUTOMATIC DEVICES

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STORAGE RETRIEVAL MULTIDIMENSIONAL
CONTROL; PROSTHETICS CN0650_____SPL
024 <D> _HAS TO STAND FOR 'DISPLAY' CN
0650_____SPL 025 ONE OF THE DUTIES
OF THIS BOOK IS TO SHOW THAT THE WORD IS
NECESSARY, BY SHOWING THAT THIS IS A
SINGLE, SOLID AND INDIVISIBLE SET OF
PROBLEMS AND POSSIBILITIES.
CN0651_____SPL 026 THE BASIC
DEVELOPMENTS GENERAL-PURPOSE AUTOMATIC
PROCESSORS GENERAL AUTOMATIC SWITCHING
NETWORKS (DISTINGUISHED FROM ABOVE FOR
THE PRESENT EXPOSITION) VERY LARGE FAST
AND MEDIUM-FAST-ACCESS FILES
INTERCHANGEABILITY OF PROGRAMS _____
LOW-COST TV NETWORK FAST CHEAP SLIDE
SYSTEMS FAST FACSIMILE REMOTE FACSIMILE
(PROGRAMED EDUCATION) CHARACTER &
PICTURE GENERATION CN0651_____ SPL
027 THE FEEL OF FUNCTIONS
('KINAESTHETIC' UNDERSTANDINGS. E.G.G.
<LINK TRAINER> <FEEL OF BIKE GEARS> ETC
ETC) PROPOSAL TO STANDARDIZE JOY-STICKS
ETC. CN0651_____ SPL 028 PRINTING
CREATED-- OR FURTHER DEVELOPED-- THE

5

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FUNCTION OF EDITORSHIP. SO AUTOMATIC
SPLANDREMIC... CN0651_____ SPL
029 THE AVERAGE MAN IS MISLED BY FACES
IN THE STREET AND THE COLOR OF THE SKY
INTO THINKING THE WORLD IS MORE OR LESS
THE WAY IT ALWAYS WAS. THIS DECEPTION
IS AIDED BY THE FLIPPANCY OF NEWS MEDIA
AND THE CONTINUITIES OF SOCIETY.
DESPITE MOON ROCKETS AND THE UNTHINKABLE
POWER OF ATOMIC WEAPONS, MOST PEOPLE ARE
INSULATED FROM UNDERSTANDING THAT
TECHNOLOGICAL PROGRESS IS PROCEEDING AS
FAST IN A YEAR NOW AS IN A HUNDRED YEARS
ANYTIME BEFORE THIS CENTURY. AND READY
OR NOT, IT IS THE THESIS THAT WE ARE
ABOUT TO BE PITCHED SIX MONTHS OR TEN
YEARS FROM NOW-- INTO THE _S_PLANDREMIC
_A_GE, FOR WHICH WE ARE LESS THAN READY.
CN0651_____ SPL 030 <PRIVACY OF
PERSON SITTING AT THE SET>: IN TERMS OF
DISTURBANCES FROM EMPLOYER ETC.
CN0651_____ SPL 031 SPEED READING
TEACHING MACHINES ((BRACKET BOTH OF
THESE TOWARD:)) NEW DEVS IN 'HUMAN
ENGINEERING', TO GIVE IT A SPURIOUS

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SOUND OF PERFECTION & CERTAINTY

CN0651_____ SPL 032 <THE OBSCENITY
CUT-OUT> ON RADIO-PHONE CONNEX. (FIND
<TIME> ARTICLE CN DISK-JOCKEY)

CN0651_____ SPL 033 ((PICTURE
SHOWING TWO GRAPH-STRUCTURES BETWEEN
UNLABELLED LITTLE SQUARES, AND ONE
PECULIAR ARRANGEMENT OF LITTLE CIRCLES,
LIKE PEBBLES, WITH AN ARROW AND A LINE;
OBVIOUSLY MEANS SOMETHING FOR A
CREATIVITY SYSTEM OR THE LIKE.))

CN0652_____ SPL 034 ANOTHER RECENT
BIG-DEAL WORD-BOOK <CYBERNETICS>

CN0653_____ SPL 035 <SPLANDREMICS>
THE _A_UTOMATION OF _I_NFORMATION,
_I_DEAS, _C_ONTROL _S_EQUENCES, AND
_D_ISPLAY CN0659_____ SPL 036

_CHECK-LISTS HEATHKITS AIRLINE-COCKPIT
ROUTINES CN0662_____ SPL 037 SORT
OF NEED PUNCTUATION MARKS LIKE
"CORRECTED IN ALL CARBON COPIES"

CN0664_____ SPL 038 'GRAPHICS' TERM
SEEMS TO VIE W 'DISPLAY'

CN0666_____ SPL 039 FRIDEN
'COLLECTADATA' SYSTEM HAS 'TAMPERPROOF'

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REMOTE UNITS WHICH AUTHENTICATE IDENTITY
OF EMPLOYEE BEFORE ACCEPTING DIGITAL
'REPORT' INTO CORPUS OF INFORMATION.

CN0666_____ SPL 040 I AM IMPRESSED
BY THE _COMPRESSION _AND _ZEST THAT A
DISK JOCKEY'S DELIVERY CAN HAVE.

CN0667_____ SPL 041 SAME 'BASICS'
CAN BE PRESENTED WITH, OR IN A WAY TO
GENERATE, A SENSE OF BOREDOM OR
EXCITEMENT; WITH INSULT OR

EGC-BOOSTING;... CN0667_____ SPL
042 AS LATE AS FEBRUARY 1956 (AD ON REAR
COVER OF _SCIENTIFIC _AMERICAN FOR THAT
MONTH-- ALTHOUGH THAT WAS PREDICTED FOR
1960) IT WAS VIEWED AS A GREAT
DEVELOPMENT OF THE FUTURE THAT MACHINES
COULD TYPE LETTERS FROM DICTATION AND
MAIL THEM AUTOMATICALLY. BY 1960.

CN0667_____ SPL 043 (CAN/SHOULD WE
HAVE BIBLIOGRAPHIES THAT SAY WHAT THE
AUTHOR HAS & HASN'T READ?) SOME
ARTICLES ACTUALLY SAY, "((SQUIGGLE)) HAS
AN ARTICLE ENTITLED ((SQUIGGLE)),
UNFORTUNATELY NOT AVAILABLE TO THE
AUTHOR." CN0667_____ SPL 044

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5 DECEMBER, 1968

BRANCH-INDEXING OF SPECIES (PRACTICE IN
BIOLOGY) CN0667_____ SPL 045 THEY
SAY "FIGURE 1" EVEN IF IT'S THE ONLY
ONE. CN0668_____ SPL, ((OTHER TAGS
CROSSED OUT)) 046 1) DISPLAY MODEL & 2)
PRACTICE MODEL 1) ROMER'S "IDEALIZED
VERTEBRATE" ((P. 4, _THE _VERTEBRATE
_BODY.)) 2) RCA'S IDEALIZED
PROGRAM-LANGUAGE FOR INSTRUCTION
CN0672_____ SPL 047 WHAT ABOUT A
CUT-OFF DEFINITION OF A "_S_PLANDREMIC
_S_YSTEM" AS SOMETHING WHICH INVOLVES AT
LEAST TWO MODALITIES, E.G., SWITCHING,
DISPLAY, STORAGE, ETC.
CN0678.3_____ SPL 048 DEPENDING ON
THE NUMBER OF BITS REQUIRED AND THE
STORAGE SPACE AVAILABLE, IT MIGHT BE
MORE ECONOMICAL TO RECORD THE HUMAN
VOICE IN DIGITAL FORM, PARTICULARLY IF A
LARGE AMOUNT OF ROCKING AND BUFFERING IS
GOING TO BE USED. OVER THE LONG RUN,
THIS WILL PRESERVE CLARITY FOR RECORD
KEEPING. CN 0678.3_____ SPL 049
N.B. NEW NOTATION FOR CHEMICAL BONDS
THAT DANIEL TOLD ME ABOUT. THIS IS

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SIMILAR TO THE LINNAEAN SYSTEM IN ITS
DISPLAY ASPECTS. 0678.3_____ SPL
050 SPL, INV IT WELL MAY BE THAT THE
RAMC-WOODBRIDGE WAY OF SETTING UP A
COMPUTER-- THAT IS, WITH COMPONENTS
UNASSEMBLED AND TO BE ASSEMBLED BY THE
PROGRAM, WILL BE THE WAY OF THE FUTURE
FOR A AN ENTIRE HOME SPLANDREMIC SYSTEM.
VARIOUS PROGRAMS OF ASSEMBLY, CHECKOUT
AND CONTROL WILL STORE THE @@
((APPARENTLY DICTATION IPRESS)) IN
THEIR COMBINATIONS, SOME OF WHICH MAY BE
QUITE TEMPORARY FORMATIONS: HI_AI SETS|
AMPLIFIERS| OSCILLATORS| COMPUTER
MEMORIES| AND HOME SPLANDREMIC
RECORD-KEEPING SYSTEMS.
CN0678.3_____ SPL 051 SPL INV IT
MAY WELL BE THAT I CAN SOLVE THE PROBLEM
OF 'UNIQUE LISTING', WHICH GAVE ME SO
MUCH TROUBLE IN <NELTRAN>, WITH SOME
SORT OF AN ON-LINE DISPLAY DEVICE-- A
MATRIX, PERHAPS, WHOSE FLICKERING LIGHTS
INFORM WHE RE ONE HAS PRODUCED A LINEAR
LINEUP, OR ONE WITH WITH CONTRADICTIONARY
SEQUENCING. CN0678.3_____ SPL 052

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PRESUMABLY IN THE FUTURE SOME COMPANIES,
TO PRESERVE A LOOK OF PERSONALIZED
ELEGANCE, WILL TYPE THEIR LETTERS ON RAG
BCND OR E VEN HAVE THEM WRITEN BY HAND.
CN0678.3_____ SPL 053 THE ABILITY
TO ESTABLISH PRIORITIES AS TO SIGNALS
YOU WILL RECEIVE. FOR EXAMPLE, IN THE
COMBINATION OF RADIO-VISUAL DISPLAY
SIGNALLING SYSTEMS USED BY MOTORISTS AND
HIGHWAY AUTHORITIES. NOTE, HOWEVER, ONE
PROBLEM: WHICH IS THAT PRESUMABLY THE
AUTHORITIES CAN OVERRIDE ANY
PRIORITY-SYSTEM MERELY BY ARRANGING FOR
LOW-PRIORITY MESSAGES TO APPEAR IN
HIGH-PRIORITY CATEGORIES. ((DON'T
FORGET: IT MAY DEPEND ON PROGRAM
ACCESS, ETC., WHICH YOU MAY KEEP OUT OF
THEIR HANDS.)) CN0678.4_____ SPL
054 OF LATE, AUTOMATIC CONTROL FUNCTIONS
IN INDUSTRY, AND GENERALIZED LARGE-SCALE
APPLICATIONS (<SAGE>, TV, TELEPHONE) ARE
WELL-KNOWN. ((SQUIGGLE: IPCRESS?)) (I
AM) ((?)) THEM FOR PRIVATE INDIVIDUALS,
WHERE THE NEED IS LESS OBVIOUS BUT THE
APPLICATION, IF THE THING EXISTS, FAR

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MORE SPECTACULAR IN ITS EFFECTS ON OUR
DAILY LIVES. CN0678.6_____ SPL 055
(NOW OPERATING AUTOMATIC THROTTLE FOR
PRIVATE AUTCMOBILES CN0678.6_____
SPL 056 WHAT'S HOLDING UP THE BIG
SYSTEMS ARE <PROBLEMS OF COST>
<RELIABILITY> <STANDARDIZATION>
CN0678.7_____ SPL 057 THE
ATOMIC-BOMB WARNING DEVICES PLANTED
ALONG ELECTRIC LINES ALL THROUGH THE
UNITED STATES. CN0678.7_____ SPL
058 SILVER SPRINGS, FLORIDA, HAS THESE
MILEAGE INDICATORS AT VARIOUS TURNPIKE
STOPS, WHERE YOU TURN A DIAL AND SEE HOW
FAR IT IS TO ANYWHERE FROM THAT POINT.
CN0678.7_____ SPL 059 AUTOMATIC
DISPLAY OF PHASED & INTERVAL MAINTENANCE
NEEDS. CN0679_____ SPL 060 LOW COST
OF VARIABLE PROGRAM COMPARED TO INITIAL
COMPONENT-SET. CN0682_____ SPL 061
NUCLEAR-CHICAGO PUTS OUT A
VARIABLE-PROGRAM SCINTILLATION COUNTER.
SAMPLE BOTTLES CHUG REPETITIVELY THROUGH
THE MACHINE. ARRANGEMENTS OF BOTTLES &
OTHER ADJUSTMENTS DETERMINE WHICH GET

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SAMPLED WHEN. (_SCIENCE 138, AD 970-1.)
CN0682_____ SPL 062 CLAY-ADAMS
_MEDICHROMES IS A LINE OF 10,000
KODACHROME SLIDES, FOR STUDY &
DEMONSTRATION. CN0682_____ SPL 063
THE "BROWN BLOOD GROUPING AND CROSS
MATCHING BOARD" HAS LABELED WORK SPACES
& RECEPTACLES. SEE CLAY-ADAMS CATALOG,
1953, 50-1. CN0683_____ SPL 064
<GRAM BOOKS KEYED TO TEXTS> (BARNES &
NOBLE ((NEVER WHOLLY SATISFACTORY
CN0685_____ SPL 065 KENNE,
_UNDERSTANDING MATHEMATICS WITH VISUAL
AIDS LITTLEFIELD, ADAMS CN0685_____
SPL 066 EVIDENTLY THE STANDARD BRANCHING
LIST OF BIOLOGY HAS NO USE, BECAUSE IT
(ORDINARILY) DESCRIBES ANY CLD
DIFFERENTIA. WHAT GOOD IS IT TO KNOW
HOW I MIGHT IDENTIFY A SKULL OF WHICH
ONE IS EXTANT? ((COULD LIST ECOLOGICAL
NICHE WITH IT, THOUGH.))
CN0686_____ SPL 067 CAN MAYBE SOON
CHEAPER BUILD COMPLEX MODELS OF
UNCONNECTED COMPONENTS, ELECTRONICALLY
CONNECTABLE, THAN STOCK THE COMPONENTS

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THEMSELVES. CN0689_____ SPL 068 IT
IS THE _DUKANE SOUND SLIDE PROJECTOR
THAT SWITCHES PIX FROM A BLIP ON A DISC.
CN0691_____ SPL 069 TO BE
"HARDHEADED" AND "REALISTIC" IN THIS
AREA, RIGHT NOW, IS TO EXERCISE AS MUCH
IMAGINATION & EXPLORE THE MCST
FARFETCHED.. POSSIBLE... 0693_____ SPL
070 <STIRRING END-SECTION> NO KIDDING
ABOUT FIGHT FOR LIFE OF PLURALISTIC
(NCN-COMMUNIST) SOCIETIES. GOTTA GET ON
STICK <FAST> AND <NOW> AND GET THE HELL
INTO OPERATION. CN0693_____ SPL
071 <'SPLANDREMIC AGE'> TIME IN WHICH
_RECORD-KEEPING, _AND _PRESENTATIONAL,
_COMPLEXITY MAY BE DONE CHEAPLY AND
WELL... CN0693_____ SPL 072 THE
VARIORUM EDITION CN0697_____ SPL
073 'GENERALIZED SPLANDREMIC FILES,
LISTS, DISPLAYS & CONTROLS.'
CN0704_____ SPL 074 <SPL> BECOMES
APPROPRIATE IN CERTAIN DOMAIN.
((ILLUSTRATION OF AXES OF FOUR
DIMENSIONS:)) COST ACCESS TIME NEED ETC.
CN0704_____ SPL 075 NAILING THIS

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WORD TO CERTAIN THINGS IN THE WORLD IS
NOT AN END IN ITSELF. THE WORD IS AN
_ACCESSORY TO A UNIFIED KING OF
OPERATION... WHICH THIS BUCK IS ABOUT.
CN0705_____ SPL 076 POISON
INFORMATION CENTRAL, U.S.A. (SUCH AS
THERE IS) CN0705_____ SPL 077 THAT
SOFT FEMININE VOICE THAT WARNS PILOTS.
CN 0705_____SPL 078 INFORMATION
RETRIEVAL; & INTEGRATED DISPLAY
RECORD-KEEPING, CONTROL.
CN0707_____ SPL 079 TWC-COLUMN
MOVIE SCRIPT CN 0707_____ SPL 080
HISTOMAP CN0707_____SPL 081 HANS
KOEBCNER, "ELECTRONIC FILM EDITING."
_AMERICAN _CINEMATOGRAPHER DEC. '62,
730-54+ (V. 43, NO.12). <TELEDUO>
SYSTEM, PRODUCT OF W. STEENBECK,
HAMBURG, GERMANY. TWC 16MM C HANNELS, 1
TAPE (2 CHANNELS SYNCH SIGNAL) FORWARD &
REVERSE, 2 TV'S & ONE MONITCR. (CAN GO
NEGATIVE, OF COURSE.) CN0723_____
SPL 082 ULTRONIC SYSTEMS, INC.,
<STOCKMASTER> GIVES INSTANTANEOUS QUOTES
ON A 3-DIGIT READOUT. CN0737_____

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SPL 083 PREVIOUS INACCESSIBILITY,
DISPARATENESS, SEPARATENESS OF VITAL
<COLLATERAL INFORMATCN>
CN(07)56_____ SPL 084 DON'T BE
MISLED BY YOUR FAMILIARITY WITH SPATIAL
ANALOGIES, LIKE THE LINEAR ORDER OF
WORDS, TEXTS, OTHER INVENTORIES. CN
0756_____ SPL 085 REASON I LIKE
TERM 'SPLANDREMICS' OVER 'INFORMATICS'
IS THAT THE FORMER CONVEYS SUGGESTION OF
_COMMUNICATING _DOMAINS_ WITH
_MULTIDIMENSIONAL THESE CARDS ARE SPL
((HORIZONTAL)) 101 TO 367 FINISHED 3 DEC
68 THESE CARDS ARE IN WHAT MAY BE CALLED
"LONG FORMAT," WITH TEN SPACES INDICATING
THE CENTER OF A CARD OR A MAJOR BREAK
LATER IN THE CARD, FIVE SPACES
INDICATING A PARAGRAPH OR LESSER BREAK
OF SIGNIFICANCE. THE SYMBOLS < AND >
ARE USED FOR BEGIN AND END
CAPITALIZATION, RESPECTIVELY.

*****SPL 101
<THERE ARE NO BIG THINGS TO BE
INVENTED.> THINGS WILL BE INVENTED, BUT

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UNLESS THEY INVOLVE TELEPATHY,
TRANSMISSION DIRECTLY FROM MACHINES TO
NERVE FIBERS (WITHOUT HUMAN SENSE ORGANS
OR RECEPTORS INTERVENING...) THEY WILL
BE <MORE OF THE SAME.> CN0789_____

SPL 102 MY INTENT NOT SO MUCH TO POINT
OUT DAZZLING POSSIBILITIES SO MUCH AS
THE NECESSITY OF SYSTEMS CHOICE, AND THE
DISASTROUS POTENTIAL OF _BAD SYSTEMS
CHOICE. CN0789_____ SPL 103

<CRITICAL THRESHOLD 1 PREDICT> IT IS ALL
BUT INEVITABLE THAT WE WILL HAVE <REMOTE
(HOME) SYSTEMS OF LIBRARY ACCESS,>
PRESUMABLY DIGITAL RATHER THAN
PHOTOGRAPHIC. HOWEVER, IT IS _CRUCIAL
THAT BAD SYSTEMS NOT BE INSTALLED, YET
QUITE FORESEEABLE THAT THEY MIGHT BE.
FOR INSTANCE (OWING TO ILL-CONCEIVED
BUFFER LINKAGES, ETC.,) IT MIGHT COME IN
LARGE CHUNKS (('BOOKS',)) WITH NO
PROGRAM CONTROL POSSIBLE FROM THE
RECEIVING STATION. I.E., FORBIDDING
SKIMMING, SKIPPING, RANDOM (OR LOOKUP)
EXCERPTING, & RESTRICTING _GENERAL
LIBRARY MATERIALS TO EITHER THE WRITERS

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OR THE + CN0789_____ SPL 104

<THRESHOLD 2> LIBRARIAN'S, OR THE SYSTEM
DESIGNER'S, NARROWMINDEDNESS. <BILLING
SYSTEMS> COULD FUCK THIS THING AS BADLY
AS THE DESIGN OF COMPONENTS & SWITCHING
NETWORKS... JUST AS THEY DO FOR
TELEPHONES. CN0789_____ SPL 105

EARLY SECTION ON <SYSTEMS & GADGETS
OPERATING NOW;> <'SYSTEMS'> VS
<'INVENTIONS'> CN/M, _____ STEMS &
GADGETS OPERATING NOW;> <'SYSTEMS'> VS
<'INVENTIONS'> CN0789_____ SPL 106

ACHRONYM ITEMS PRESENTATION HANDLING
DISPLAY TRANSMISSION SORTING PROGRAM
CONTROL AUTOMATIC CONSUMER INFORMATION
<HIPCAT> HANDLING INFORMATION (UNDER)
PROGRAM CONTROL & AUTOMATIC TRANSMISSION
CN0789 _____ SPL 107 <AUTOMATIC
QUERY BANKS> & REFERENCE FILES READY FOR
TELEPHONE ACCESS ((MUCH EASIER TO DO IN
DIGITAL.)) CN0750 108 PREPARE A
TIMETABLE ((ON A LOGARITHMIC SCALE?)) OF
THINGS IN DEVELOPMENT AND TO COME.
(((FOUR-COLUMN ILLUSTRATION. FIRST
COLUMN IS "YCEAR." (TO BE FILLED IN.)

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SECOND COLUMN IS APPARENTLY "SUPPORTIVE
INVENTIONS":))) PARCHMENT PAPER BOOK
PUNCTUATION LIBRARY (((THIRD COLUMN:
INVENTIONS:))) SPEECH. PICTURES.
PICTOGRAMS. ALPHABET BLOCK PRINTING
MOVABLE TYPE LINO TYPE MIMED BLUEPRINT.
OFFSET DITTO PHOTOGRAPH PHOTOSTAT CARD
FILE FILING CABINET PHONOGRAPH TELEPHONE
TELEGRAPH CN0790 109 'MULTIPLE' MOVIE
PROJECTION <MAKES THE CUTTER'S ART
SOMETHING ELSE AGAIN.> (BUT CLOSE TO
MONTAGE; AND LIKE WHAT THEY DID AT
SEATTLE.) (((ILLUSTRATION: SEVERAL
RECTANGLES, THE LARGE CALLED "MAIN
FRAME"; THE OTHERS LABELLED "SAME THING
FROM OTHER ANGLES")) CN0790 110
<HYPOTHEGM:> NEED A WORD FOR <MULTIPLE,
VARIANT, SUMLTANEOUS> AND/OR
<REDUNDANT,> DISPLAYS <COLLATERAL>
CN0790 111 SPLANDRE<M>ICS (((AND READING
DOWNWARDS FROM THE M:))) MANIPULATION
CN0792 112 ABOUT ALL THE PHRASES YOU
NEED TO KNOW <DIGITAL STORAGE ON-LINE
INPUT OUTPUT BUFFERING CN0792 113 <SOUND
FILMS> THE FIRST 'COLLATERAL' SYSTEM

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5 DECEMBER, 1968

116?
CN0793 114 <LUXURIES? CRUTCHES?> (WHAT
ABOUT PAPER & TV?) CN0793 115 <NB THE
TRUTH ABOUT ACCCOUNTING:> NOT FIXED,
HARD-&-FAST, BUT QUITE FLEXIBLE, &
REALLY TIED DOWN BY THE INSUFFICIENCIES
OF RECORD SYSTEMS & TABULATION-SYSTEMS
ASEEPING> E.G. BUDGETS NOT DIVIDED INTO
SUCH HARD & FAST CATEGORIES, BUT
PARTITIONED DFTLY. CN0799 117
<MULTIDIMENSIONAL DISPLAY> <FLYING A
PLANE> A MULTIDIMENSIONAL PROBLEM (NOT
JUST 3.) DRIVING A CAR, TUC-- OR A
RACING CARE, SURELY. CN0799 118
DISPLAYING ALL AT ONCE THE
INTER-PULSATIONS OF COMPLEX MATERIALS...
E.G., BASIC CAPACITANCE & INDUCTANCE, OR
KEYNESIAN ECONOMICS (CITE THAT LITTLE
BOOK.) CN0799 119 <SETS OF ALTERNATIVE>
(CCNDITIONAL) <POSSIBILITIES>
INTERPRETATION CF (VAST & DIVERSE)
ESPIONAGE DATA WRITING MOTICN PICTURE
EDITING OTHER PLANS, E.G. PERSONAL
CN0799 120 INFO THAT RADIO STATIONS CAN
PACK IN BY FAST TALK, MUSIC-&-SOUND
CONVENTIONS... CN0799 121 THAT GUY

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HOWEVER, THIS AMOUNT OF INFORMATION FITS
ON FOUR NEGATIVES, SO ITS STORAGE CAN'T
BE THAT MUCH OF A PROBLEM. CN0813 133
<MUSIC> HAS BEEN REPRESENTED BY A
DIGITAL CODE FOR A MILLENIUM. CN0815
134 DEFINITION THE STUDY, ART AND
SCIENCE OF THE ORGANIZATION,
MODIFICATION, PRESERVATION, OF DISPLAYS
AND INFORMATION, ES. (BUT NOT
EXCLUSIVELY) TEXT & PICTURES CN0816 135
CROSSOVER-POINT COMING SOON: <PRINTING
MORE COSTLY THAN SATELLITE QUERY
STATIONS.> (FOR CATALOGS,
INSTRUCTIONS...) CN0816 136 DATES IN MY
SCHEDULE PARAMARK MOST OR ALL MATERIAL
NOW PUBLISHED EXISTS AS DIGITAL DATA
PARAMARK ALL LIBRARY MATERIAL OF
CONTEMPORARY INTEREST NOW DIGITALLY
AVAILABLE PARAMARK PAPER-TO-DIGITAL
SYSTEMS NOW A ROUTINE LIBRARY SERVICE
CN0816 CN0816 137 THE AUTHOR IS NOT AN
ENGINEER, NOT A PROGRAMMER ... BUT A
GUESSER. CN0813 138 <HANDLES TO
MANIPULATE> THAT CHANGE VISUAL DISPLAYS,
CAUSING GEARS TO TURN, CURVES TO SHIFT,

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3-D THINGS TO CHANGE THEIR DEPTH
RELATIONS. CN0821 139 <VARIABLE DISPLAY
MODES> OF SAME TEXT MATERIALS CN0823 140
NO FURTHER DEVTS NECESSARY. THOSE THAT
WILL COME WILL ONLY INCREASE THINGS
CN0824 141 _KNITTING INSTRUCTIONS ARE
DIGITAL CN0825 142 SIMPLE STORING OF
TEXTS FOR THEIR PRESERVATION &
OCCASIONAL READING OR BROWSING, PRINTING
IS CHEAPER. COMPLEX INDEXING, REVISING,
REORDERING AND UPDATING, THE _DIGITAL
FORM IS CERTAINLY CHEAPER AND EASIER.
CN0826 143 <OBSOLETE LAWS> ABOUT
PHOTO-REPRODUCTION (CURRENCY,
COPYRIGHTED MATERIAL) 'PHOTOGRAPHY'
MEANS _ALL AUTOMATIC METHODS FOR COPYING
THE APPEARANCE OF SOMETHING. SUCH
METHODS NOW _UNIVERSALLY NECESSARY.
CN0826 144 GLORIOUS GRAPH-CHART OF
COMPARATIVE & LOCAL GRAVITATIONAL FIELDS
WITHIN THE SOLAR SYSTEM.
(((ILLUSTRATION: SORT OF
BUTTOCKS-CLEFT))) _NATURAL _HISTORY
LXXII:8 (OCT 63,) 12-13 CN0826 145
IMPORTANCE OF 'LISTS' IN LITERATURE

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QUOTE ZOOEY T.H. WHITE (MERLIN'S
COTTAGE)? CN0826 146 SUMMATIVE SYSTEMS
FOR EXPLAINING OR NOTATING FILE
CONTENTS, COMPLETION, ETC. CN0827 147
<SUMMARY, REVIEW & MEMORIZATION>
STRUCTURES CN0829 148 THE BURNING OF THE
LIBRARY AT ALEXANDRIA-- PERHAPS THE
GREATEST CALAMITY IN THE HISTORY OF
CIVILIZATION. COULD IT NOT HAPPEN
AGAIN? <ESP. W. UNIFORM MAG STORAGE,>
PROGRAMS RUNNING AMUK, SOME DESTRUCTIVE
_B_IG _B_ROTHER. CN0848 149
UNIVERSAL-CHARACTER PATTERNS ON SIDE OF
BLIMP (ACTUALLY TWO SQUARES, I.E.
TALLER?) (((ILLUSTRATION))) CN0849 159
OPENING IT SEEMS TO BE THE IMPRESSION OF
MOST PEOPLE-- PARTICULARLY HOUSEWIVES,
INTELLECTUALS ... THAT "COMPUTERS" ARE
"TAKING OVER," AND SOON WE ARE GOING TO
BE "RUN" BY "THE NUMBERS." (THERE ARE
ELEMENTS OF THIS IMPRESSION THAT DESERVE
EXAMINATION...) ...BUT IT IS MY
CONVICTION THAT AUTOMATIC DATA SYSTEMS
("COMPUTERS"--) PRESENT SOME OF THE MOST
MAGNIFICENT POTENTIALITIES THAT HAVE

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EVER FACED MANKIND. THE MISUSE OF THESE
MACHINES, THE IMPROPER REALIZATION OF
THESE POTENTIALS-- IN WAYS THAT I
ENDEAVOR TO EXPLAIN LATER ON-- WILL BE
THE GREATEST POSSIBLE LOSS FOR MANKIND.
THE REAL PROBLEMS, AS I ENVISION THEM,
WILL BE MUCH SUBTLER. CN0850 151
COMPUTER AS _M_CST _V_ERSATILE
_P_OSSIBLE _S_WITCHING _E_NGINE. CN0850
152 ABILITY TO ACCEPT & DIGEST
<MULTI-FORMAT INPUTS> CN0850 153 'LIST
FINDER' DEVICES (= LIST FINDERS.)
CORRECT NAME. (((ILLUSTRATION))) CN0850
154 FILE-ORIENTED TERMS: <RECORD>
<FILE> <'SLCT'> <TABLES & ARRAYS, CELLS,
DIMENSIONALITY> CN0853 155 <INTRO
WRAPUP> 1 THIS BOOK HAS SEVERAL
PURPOSES. ONE IS TO INFORM THE GENERAL
PUBLIC OF THE EXPLOSIVE, REVOLUTIONARY
AND ASTOUNDING WAYS IN WHICH 'COMPUTER
MEN' ARE EXPECTING TO REVOLUTIONIZE THE
BUSINESS OF + CN0854 156 INTRO WRAPUP 2
FINDING INFORMATION-- THE FUNCTIONS NOW
PERFORMED BY READING AND PUBLISHING,
LIBRARIANSHIP, AND FINALLY READING BOOKS

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AND PAPERS. THE SECOND INTENT OF THIS
BUCK CN0854 157 I.W. 3 IS TO /_PRESENT
MY_/ CLAIM THAT THIS REVOLUTION WILL NOT
BE OF THE _FORM WHICH TECHNICAL MEN ARE
PLANNING; IT WILL BE MORE SWEEPING AND
MORE DRASTIC, AND WHEN IT HAS HAPPENED
THE WORLD WILL CN0854 158 I.W. 4 WHEN
IT HAS HAPPENED (1975?) THE WORLD WILL
BE AS DIFFERENT AS THE WORLD OF 1963 IS
DIFFERENT FROM THE GONE DAYS THAT HAD
NEITHER TELEPHONE NOR TELEVISION. LIFE
WILL BE VERY DIFFERENT. + CN0854 159
I.W. 5 I WILL TRY TO ARGUE AND PREDICT
ABOUT THESE THINGS IN SOME DETAIL.; THAT
IS, AS FAR AS (((BRACKET:))) AS I HAVE
SPECULATIONS THAT I THINK ARE RELEVANT.
/ AS I THINK I CAN REASONABLY SPECULATE.
THIRD, I WANT TO PRESENT THE THESIS THAT
ALL + CN0854 160 I.W. 6 THESE
DEVELOPMENTS ARE POINTING TOWARD A NEW,
UNIFIED, SET OF SYSTEMS: AN ENTIRE
SINGLE FIELD: OF A PIECE, UNIFIED,
SEAMLESS-- DESERVING RECOGNITION +
CN0854 161 I.W. 7 AND ATTENTION AS A
WHOLE. FOR IT IS MY FINAL POINT THAT

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NOT ONLY ARE THESE THINGS INEVITABLE,
BUT THAT THEY ARE GOOD: + CN 0854 162
I.W. 8 THAT IS, THEY POSSESS THE
POTENTIALITY OF MANY BEAUTIFUL,
EXCELLENT AND HAPPY THINGS. LIKE ALL
GOOD THINGS, HOWEVER, THEIR USE DEMANDS
0855 163 I.W. 9 THE MOST INTELLIGENCE
AND CONCERN WE CAN POSSIBLY BRING TO
THEM. 'THE MACHINES ARE TAKING OVER,'
PEOPLE SAY. 'THEY ARE + CN0855 164 I.W.
10 TURNING US INTO NUMBERS.' THESE
THINGS ARE NOT TRUE. BUT THE
DEHUMANIZATION THESE PHRASES SUGGEST IS
SURELY POSSIBLE-- IN WORSE AND SUBTLER
WAYS CN0855 165 I.W. 11 THAN IS
GENERALLY SUSPECTED-- UNLESS MEN OF GOOD
WILL AND SENSE FIND OUT WHAT IS
WONDERFUL ABOUT INFORMATION MACHINES,
WHAT IS POSSIBLE CN0855 166 I.W. 12 FOR
THEM TO DO, AND BEGIN THINKING AND
TALKING ABOUT THE SYSTEMS THAT WILL PUT
THE MACHINES OF TOMORROW CN0855 167 I.W.
13 TO THE BEST USES OF MANKIND. /
CHANGE ABOVE SENTENCES TO: MEN OF S &
GW TO UNDERSTAND THE POTENTIALITIES AND

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THE OPTIONS: CHANGE FIRST POTEN. TO
'POSSIBILITIES.' CN0855 168 THE 'TANK'
VIEWER IN _STRANGER _FROM _A _STRANGE
_LAND. CN085M 169 WOMAN IN "MILK TRAIN
DOESN'T STOP HERE ANY MORE" WHO HAS HER
HOUSE SET UP FOR DICTATION FROM ANYWHERE
IN IT, AT ANY TIME, TO AN UNSEEN
SECRETARY. (THIS IS, OF COURSE, SIMPLY
A DRAMATIC DEVICE. BUT ITS INTENT CAN
BE BETTER SERVED...) CN0857 170 UNIV.
OF DELFT SYSTEM GOING IN TO OPERATION AT
A NEW 4-YEAR UNIVERSITY: <PARK FOREST
COLLEGE.> (JOHN K. MALONE, CHAIRMAN OF
TRUSTEES.) 64 BOOK-PAGES TC A 3 X 5
SHEET, TO BE READ FROM PORTABLE
BOOK-SIZE PROJECTORS. 1 X 10**6 VOL.
12 X 10**6 INSTEAD OF 25. CN0873171
<SPLANDREMIC> _A_N _U_PHEAVAL. CN0877
172 (ILLUSTRATION OF JUKE BOX) THE
CONSOLE OF AN AUDIO STORAGE SYSTEM. IT
IS "RANDOM-ACCESS," AND PROGRAMMED BY
THE USER'S CHOICES. CN0877 173 (JUKE
BOX ILLU) AN ADDRESSABLE AUDIO MEMORY
SYSTEM. IT MAY BE PROGRAMMED IN ADVANCE
TO PLAY A NUMBER OF DIFFERENT SONGS

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WITHOUT STOPPING. HOWEVER, YOU CANNOT
SPECIFY THEIR ORDER, AND YOU CANNOT
REQUEST THE SAME SONG SEVERAL TIMES IN A
ROW UNLESS YOU WAIT FOR IT TO BEGIN.
CN0877 174 THE MYSTIQUE OF 'CYBERNETICS'
CN0878 175 <PEOPLE ARE> <TIPTOEING
AROUND A MONOLITH> BECAUSE IT SEEMS SO
GHOSTLY CN0878 176 176 SOME OF THE MOST
DRAMATIC DEVELOPMENTS IN HISTORY HAVE
BEEN ESCAPING THE PUBLIC EYE, FOR RATHER
SILLY AND STUPID REASONS. THE
'EXPERTS,' WHO SUPPOSEDLY KNOW WHAT THEY
ARE DOING, APPEAR TO HAVE NO CLEAR
UNDERSTANDING OF THE UPHEAVAL THAT IS
BEFORE US. AND UNLESS WE CONFRONT IT ON
ITS OWN TERMS, THINGS WILL BE NOWHERE
NEAR AS NICE / GOOD AS THEY SHOULD BE.
CN0879 177 (WRITE TO GERNSBACK PUBS., OR
BETTER, GERNSBACK PERSONALLY, AND ON
ACCOUNT OF HIS _GREAT _F_ORESIGHT &
SUCH ASK FOR REPRINTS OF ANYTHING HE'S
WRITTEN ABOUT <ELECTRONICS IN TEACHING>
<THE AUTOMATIC PRESENTATION OF TEXTS BY
MACHINERY> (I.E. COMPUTERS <COMPUTER
LIBRARIES> CN0879 178 POP 1 THIS IS NOT

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A POPULARIZATION, EVEN THOUGH IT HAS BEEN WRITTEN SO THAT ANYONE CAN READ IT, EVEN _SATURDAY _REVIEW DEVOTEES. IT PRESENTS A SET OF PREDICTIONS, BUT THEY DO NOT REHASH ANY CONVENTIONAL POINT OF VIEW-- EVEN IN THIS DAY OF WILD PREDICTIONS IN ALL DIRECTIONS. RATHER, IT PRESENTS WHAT IS IN FACT A _RADICAL _POINT _OF _VIEW, TOGETHER WITH A SET OF URGENT PROBLEMS, WHICH I WANT TO MAKE CLEAR AS BEST I CAN AND BACK UP WITH WHAT EVIDENCE I CAN MUSTER. + CN0879 179 POP 2 I MUST EMPHASIZE ALSO THAT THIS VIEW DIVERGES SOMEWHAT SHARPLY FROM EXPERT OPINIONS. IN THE NATURE OF THE CASE, THOUGH, 'THE 'EXPERTS' SEEM TO HAVE TAKEN SHARPLY LIMITED VIEWS OF THE POTENTIALITIES AND OF THE BOUNDARIES OF THE PROBLEM. CN0879 180 PETE 1 A REVOLUTION IS IMMINENT-- ACTUALLY IN PROGRESS-- IN THE NATURE AND TREATMENT OF THE WRITTEN WORD. WE ARE BACKING INTO THIS REVOLUTION IN TIMIDITY AND CONFUSION; BUT IT WILL BE / IS A REVOLUTION IN EVERY WAY THAT WE READ,

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WRITE, SAVE THINGS, TAKE NOTES, USE NUMBERS, TRY TO REMEMBER, AND TRY TO LEARN. IT IS NO LESS THAN ALL THAT. CN0879 181 PETE 2 THE READER MAY THINK, 'OH, IT HAS SOMETHING TO DO WITH COMPUTERS,' AND BE ANNOYED AND MISLED; SENSING SOMETHING OMINOUS AND NUMERICAL, HE MAY PUT THE BOOK DOWN AND MISS THE IDEA ENTIRELY. THIS IS NOT A BOOK ABOUT COMPUTERS. IT IS A BOOK ABOUT SOME OF THE THINGS WE ARE SUDDENLY ABLE TO _DO-- AND IF THE MECHANICS CN0879 182 PETE 3 OF THESE AFFAIRS IS GOING TO BE HANDLED BY MACHINES, THEY HAVE TO BE THE MOST GENERAL AND VERSATILE MACHINES, THAT CAN EVER BE: THE SO-CALLED, UNIVERSALLY MISUNDERSTOOD, "COMPUTERS." CN0879 183 "SPLANDREMIC" DEFINED <DISPLAY MODES,> <SYSTEM SPECIFICATION,> <INTERLOCKS,> & <SYSTEM DESIGN> FOR DISPLAY & RECORDS HANDLING CN 0880 184 'EVER MORE VERSATILE AND AUTOMATIC MICROFILM SYSTEMS' CN0880 185 EVERYTHING THAT YOU COULD POSSIBLY ENVISION FOR A MACHINE TO DO CAN BE PROGRAMMED AS A TASK FOR AN

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AUTOMATIC DIGITAL SYSTEM. CN0880 186
AFTER <INFORMATION REGRIEVAL> ...
<DOCUMENTATION> HAVE A CHAPTER CALLED,
_S_SECRETS? AROUND THE BEGINNING OF THIS
DECADE, HARVARD'S WINDER LIBRARY CALLED
IN IBM AND ASKED WHAT IT SHCULD DO. IBM
SAID, 'WAIT.' WHAT ARE THEY BUILDING?
WHY IS EVERYONE SO SILENT? ... CN0880
187 I AM GOING TO MAINTAIN THAT, WHILE
CERTAIN TECHNICAL APPROACHES AND
CONFIGURATICNS ARE VITAL AND NECESSARY,
THE HEART OF THIS SUBJECT IS _NOT
TECHNICAL, ANY MORE THAN
(((SQUIGGLE)))... THE PRINCIPLES...
ARE ABOUT AS INTRINSICALLY TECHNICAL AS
_L_OVE OR _T_RUTH OR FOOD: THAT IS, IT
WILL FIGURE CLOSELY IN OUR LIVES. WHILE
EXPERTISE MAY PROVIDE INSIGHTS, IT
SHOULD NOT ADJUST OUR UNDERSTANDING.
CN0881 188 A NEW REVOLUTION IS COMING,
AS DRASTIC FOR CUR DAILY LIVES AS THE
TELEPHONE, THE AUTOMOBILE AND
TELEVISION. IT IS MORE DRASTIC AND MORE
IMMEDIATE THAN ANYONE REALIZES.
SCARCELY ANYONE IS AWARE OF IT.

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PERHAPS, LIKE AUTOMATION, IT FIRST MUST
HAVE A NAME. I CALL IT (((SQUIGGLE)))
(TITLE PAGE CN0881 189 CHAPTER ON THE
COMPUTER ENTITLED <THE ALL-PURPOSE
MACHINE> CN0881 190 CHAPTER? <FORMS AND
INFORMATION GATHERING> GATHERING DATA
AND <'FILLING OUT FORMS'> CN0881 192
CHAPTER? <MAGIC BOOKS AND BLACKBOARDS>
CLCSING CHAPTER ON UNIFIED SPLANDREMIC
SYSTEMS? (TEXT, PICTURES AND ALL)
CN0882 193 READING, WRITING AND
RECOFD-KEEPING CN0882 194 THE EVOLUTION
OV <AUDIO-VISUAL> CN0882 195 <TOTAL
DISPLAY THE MOVING, CONSTANT SURROUNDING
BY IDEAS, SYMBOLS & IMAGES CF A FIELD...
CN0882 196 RATHER THAN REDUCING US TO
AUTOMATONS, IT WILL FREE US FROM OUR
LEAST HUMAN CHORES... CN0882 197 THE
ADVANTAGE TO BE GAINED BY LEAPFROGGING
OVER THE STAGES OF PAPER TO ONE OF
COMPLETE AUTOMATIC ... IS STUPENDOUS.
CN0882 198 <ASSCCIATIVE & CENNOTATIONAL
CHAINING STRUCTURES> HAVING ARBITRARY
PATTERNS; ASSOCIATED ARBITRARILY W WORDS
CN0882 199 CHAPTER? NEW FORMS OF

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COMPOUND DISPLAYS CN0882 20C CHAPTER?
_D_ISPLAY _M_ODES _B_EYOND CONCEPTUAL
ENVIRONMENTS MULTIDIMENSIONAL,
CONNOTATIONAL SPACES INTRICATELY
RESPONSIVE ENVIRONMENTS CN0882 201
POSSIBLE NOW NEED TWO MACHINES:
<INDEXABLE, BACKSPACING &
RE-TRANSFERRING TAPE RECORDER> <16MM
FORWARD-&-BACK AUTOMATIC PROJECTOR
CN0882 202 PARTIAL ORDER IN FICTION &
ENTERTAINMENT <(EDWIN DROOD)> _MR
_SARDONICUS THAT KIDDIE-RECCRD WITH
SEVERAL POSSIBILITIES CN0882 203 ABE 1
THE ARGUMENT FOR LIMITED SYSTEMS ...
MANY PEOPLE IN THE TECHNICAL FIELDS ARE
LIKELY TO SAY AT THIS POINT, CN0882 204
ABE 2 YES, BUT WHAT WE NEED NOW IS
LIMITED SYSTEMS WITH LIMITED GOALS.
OBVIOUSLY THIS IS TRUE IN THE TRIVIAL
SENSE THAT ONE MUST START SCMEWHERE.
BUT CN0882 205 ABE 3 IN THE LARGER
SENSE, TAKING SUCH A STATEMENT TO MEAN,
'LET US HOLD BACK ON THE GRANDER SYSTEM
PLANNING UNTIL WE HAVE (((SQUIGGLE))) I
TEND TO DISAGREE WITH THIS. WHY? +

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CN0882 206 ABE 4 THE ADVANTAGE TO BE BE
DERIVED FROM DOING ALL THESE THINGS AT
ONCE IS THOUSANDS OF TIMES GREATER THAN
THAT WHICH RESULTS FROM TRYING + CN0882
207 ABE 5 TO DO THEM SEPARATELY. (&
OTHER COST/BENEFIT NOTIONS.) CN0882 208
BILLY 1 HOW MUCH TIME DO WE SPEND
FILING, COPYING AND RE-WRITING? HOW
MUCH TIME DO WE SPEND CHECKING OUR
RECORDS, TRYING TO FIND OUR PERSONAL
RECORDS, WRESTLING + CN0882 209 BILLY 2
WITH PAST FINANCIAL ITEMS AND TRYING TO
KEEP TRACK OF THEM? ALMOST ALL OF THIS
IS TIME THAT _CAN _BE _SAVED. CN0882
210 SAM 1 ONE MUST BEGIN SOMEWHERE.
OBVIOUSLY THE THOUSANDS OF PAPER-FORMS
ASSOCIATED WITH JOBS AND
/_BUREAUCRACIES_/ ARE NOT GOING TO FALL
AT ONCE. BUT + CN0882 211 SAM 2 BUT
THERE ARE PLACES-- SMALL BUSINESS, RICH
WRITERS, NEW SCHOOLS BUILDING-- THAT
WILL DARE TO BEGIN THE TOTAL COMMITMENT
TO AUTOMATIC + CN0882 212 SAM 3
RECORD-KEEPING AND TEXT HANDLING. AND,
OF COURSE, EVERYTHING THAT WORKS SELLS

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ANOTHER. CN0882 213 ? FOR \$20,000, A
MAN WITH LEISURE TIME (AND WHO CAN DO
HIS OWN PROGRAMMING) CAN BUY A SYSTEM
THAT WILL DO IT ALL. ... CN0882 214
(((ILLO THAT SAYS: "ILLO"))) SAC
COMMAND CENTER, UNDERNEATH CMAHA. THIS
SYSTEM IS A PROTOTYPE, IN THE AUTHOR'S
OPINION, OF THE KIND OF TOTAL
READING-DISPLAYING-PICTURE-PRESENTING
STATION WE ARE GOING TO GROW UP TO.
CN0884 215 DUST JACKET? DIGITALLY
PROGRAMMED MACHINES ("COMPUTERS",)
ACCORDING TO THE AUTHOR, PRESENT
FANTASTIC POSSIBILITIES: THEY CAN BE
THE WORLD'S GREATEST STENOGRAPHERS,
LIBRARIANS, MEMO PADS, AND SLIDE
PROJECTIONISTS. HOWEVER, THE AUTHOR IS
ESPECIALLY CONCERNED BECAUSE "COMPUTER
PEOPLE" SEEM NOT TO REALIZE HOW BROAD AN
UPHEAVAL IS DESIRABLE. HE SAYS THAT
'SPANDREMIC,' A WHOLE NEW APPROACH TO
THE AUTOMATIC HANDLING OF WORDS AND
PICTURES, WILL HAVE A BIGGER EFFECT THAN
AUTOMATION. CN0884 216 THE
<TELL-ALL-O-SCOPE> CN0885 217 TEASER?

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(ALSO FOR DR. LAKE.) DESPITE THE
FANFARE, COMPUTER PEOPLE ACTUALLY HAVE A
VERY LIMITED VIEW OF THE REVOLUTIONS
THEIR TECHNOLOGY WILL BRING. CHANGES
ARE DUE IN OUR DAILY LIVES AND ENTIRE
SOCIAL STRUCTURE THAT WILL PROBABLY BE
MORE SWEEPING THAN THOSE BROUGHT BY THE
TELEPHONE, RADIO OR TV. CN 0897 218 "IS
THE CLACK OF THE COMPUTER DROWNING OUT
THE VOICE OF THE _M_USE _F_CREVER?"
CHET HUNTLEY ON _ESSO _REPORTS: _THE
_THOUSAND _MILE _CAMPUS, 15 MARCH 64.
CN0898 219 <'MISCHIEVOUS PROGRAMMING'>
CN0898 220 TWAIN BOUGHT A REMINGTON
TYPEWRITER IN 1874. IN A LETTER (DEC.
9 '74:) <"... THE MACHINE HAS SEVERAL
VIRTUES ((.)) I BELIEVE IT WILL PRINT
FASTER THAN I CAN WRITE. ONE MAY LEAN
BACK IN HIS CHAIR & ((SIC)) WORK IT. IT
PILES AN AWFUL STACK OF WORDS ON ONE
PAGE. IT DONT MUSS THINGS OR SCATTER
INK BLOTS AROUND. OF COURSE IT SAVES
PAPER." (PHOTOGRAPHED ON P. 192 OF
MILTON MELTZER, _MARK _TWAIN _HIMSELF,
BONANZA (N.Y.) 19609) (((NCTE: SUBTLE

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VARIATIONS OF SPACING MAY HAVE EXISTED
IN THE ORIGINAL THAT WERE NOT
SUFFICIENTLY ANNOTATED ON MY CARD.)))
CN0903 221 <PATENT ON 'TOUCH' OUTPUT TO
HUMAN.> IBM HAS PATENT ON CABLE
ATTACHMENT TO PERSON: DIFFERENT
IMPULSES GO TO DIFFERENT PARTS OF DEVICE
(E.G., DIFFERENT PARTS OF THE ARM).
DESCRIBED IN _RADIO-_ELECTRONICS, APRIL
'64, P. 97. CN0907 222 OF <THE UNIFIED
ART OF INFORMATION> (& IDEA) <HANDLING
AND DISPLAY> CN0910 223 (TITLE PAGE)
<SPLANDREMICS> THE _U_NIFIED _A_RT OF
THE _H_ANDLING AND _D_ISPLAY OF
_I_NFORMATION AND _I_DEAS CN0910 224
DEVICE INVENTED BY JAMES L. TANNER
COUNTS HOUSEHOLD TV SETS' RADIATIONS TO
CHECK CHANNELS-- FROM A MOVING VEHICLE.
_TIMES APRIL 6 '64 P. 1 & 63 AUGURY FOR
PRIVACY. CN0913 225 (MACHINE THAT
CAN... MACHINES OPERATE ON <'PATTERNS
OF DOTS'> CN0913 226 <ACCREDITATION OF
PROGRAMS & PROGRAMMERS> IN ORDER TO GET
TEXT SYSTEMS STANDARDIZED CN0916 227
POSSIBLE COPYRIGHT SYSTEMS I <REGISTER

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<REGISTERS A RENTAL ON PRESENTATION OF A
TEXT UNIT AT AN OUTPUT DEVICE CN0916 228
MAKING PAPERWORK EASIER: <TRANSFER OF
TITLE OF AUTOMOBILE>. CN0917 229
'TERMATREX' DATA STORAGE & RETRIEVAL
SYSTEM. STORES INFORMATION ON
PATHOLOGICAL CASES ON OPAQUE 9 X 11
CARDS, THEN COUNTS HOLES. WRITE TO
SCIENTIFIC PRODUCTS, DIVISION OF
AMERICAN HOSPITAL SUPPLY CORPORATION.
1210 LEON PLACE, EVANSTON, ILLINOIS
60201. CN0918 230 HYPERTEXT TEXT THAT
PARAMARK RESPONDS PARAMARK MAY BE
PROGRAMMED PARAMARK LEAVES SOME OPTIONS
TO VIEWER CN0921 231 HAVE AN APPENDIX
GIVING TECHNICAL TERMS I DID _NOT
INVENT. (AND PUTTING ONES I DID IN
BOLDFACE?) CN0922 232 ISN'T THIS THE
WORD I'VE BEEN WANTING (<NOT>
'SPLANDREMICS'?) <HYPER-PHANTICS> OR
<HYPERFANTICS> BUT THEN WHAT'S THE UNIT?
HYPERFANE? HYPERFANT? (BETTER THAN
HYPERPHANT. TOO LIKE 'ELEPHANT.')

CN0922 233 <GENERAL PHANTICS> MIGHT VERY
WELL BE THE <S>CIENCE OF <D>ISPLAY (IN

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WHICH CASE, 'THE GENERAL FANTASTIC CORPORATION...') <HEH HEH> CN0922 234
THE DESIGN OF <UNITS, SYSTEMS, (TYPES)>
AND <MODES OF DISPLAY> APPROPRIATE
<MACHINE & PROGRAM INTERFACE,>
APPROPRIATE <FILE ORGANIZATION> AND
<TRANSACTION SYSTEMS.> CN0926 235
MULTIMEDIA SYSTEMS <MULTIMEDIA> CONTROLLED
<PRESENTATION <AUDIO <VISUAL STUFF
<AND <TEXTS (AND ON THE RIGHT SIDE
OF THE CARD, WRITTEN AS AN ACRONYM, WITH
DEPENDENT WORDS SLANTING DOWN:)) MCTAV
SYSTEMS ((AND DEPENDENT:)) MACHINE
CONTROLLED TEXT AUDIO VISUAL CN0927 236
((CLIPPING FROM A BUNKER-RAMMO
NEWSLETTER, WITH THE FOLLOWING
ENCIRCLED: IN THE AIR FORCE 473L
HEADQUARTERS COMMAND POST AND CN0928 237
<TEXT HANDLING & COMPLEX DISPLAYS>
<TRANSACTION PROGRAMMING> <COMPLEX
(UNIMAGINABLE) DISPLAYS> <COMPOUND>
((WAS THAT LAST MEANT TO BE AN INSERT
ON THE PREVIOUS ITEM?)) CN0931 238
'AUDIT TRAIL' MACHINE'S MEANS OF
CHECKING HAPPENINGS & TRANSACTIONS

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'REAL-TIME <MANAGEMENT <INFORMATION
<SYSTEMS,' DATAMATION APRIL 64, 46**2
CN0931 239) ((THERE IS NO SUCH CARD.
ONE WAS PUT HERE IN ERROR.)) 2616 NE
WAS PUT HERE IN ERROR.)) CN2616 240
(GENERAL) PHANTICS HYPER-PHANTICS
PHANDREMICS <THE SELECTION OF UNITS AND
PROCESSES FOR THE MOST EFFECTIVE
DISPLAYS & UNDERSTANDING CN0947 241
CONJECTURAL CH. ON <THE <NEW &
<INEVITABLE FILM / TEXT/ AUDIO /
BRANCHING <ART CN0948 242 MORE A
DESCENDANT OF <TELEGRAPHY> THAN OF RADIO
TECHNOLOGY " DANT OF <TELEGRAPHY> THAN
OF RADIO TECHNOLOGY CN0949 243 IT IS A
COMMON VIEW THAT COMPUTERS ARE DANGEROUS
TO ALL THAT IS HUMAN. 'THEY'RE TAKING
OVER THE WORLD.' "THEY'RE GOING TO TURN
US ALL INTO NUMBERS." THIS VIEW, I
BELIEVE, IS MONSTROUSLY FALSE. THERE
ARE DANGERS IN THE COMPUTER, BUT THESE
ARE DANGERS WHICH THE LIGERATI CAN ONLY
ENHANCE BY STAYING AWAY. CN0953 244 DF?
HYPER-PHANT DF. <A FILE ORGANIZED FOR
USE & (INTERLOCKING) DISPLAY> CN0956 245

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PEOPLE WHO MAY WANT PRINTOUTS JUST TO
MAKE SURE THAT THE 'PHYSICAL' BOOK STILL
EXIST-- LIKE THE ((BRACKET)) LEGENDARY
/ STORIED YOKELS WHO KEEP GOING TO THE
BANK TO "LOOK AT" THEIR MONEY,
WITHDRAWING IT AND DEPOSITING IT AGAIN.
CN0957 0246 DFS. THE CREATION OF
DISPLAYS, THE DESIGN AND INVENTION OF
METHODS OF DISPLAY, THE DESIGN OF FILES
TO BE INVOLVED IN DISPLAY, THE DESIGN OF
UNITS AND SEQUENCES OF THINGS TO BE
DISPLAYED CN0958 247 JERROLD R.
ZACHARIAS, M.I.T. SEEMS TO BE THE BIG
MAN IN PHYSICS TEACHING BY FILMS.
CN0960 248 INSTITUT FÜR DEN
<WSISSENSCHAFTLICHEN <F>ILM, GERMANY,
IS COMPILING THE _ENCYCLOPEDIA
_CINEMATOGRAPHICA. (_GOTTHARD _WOLF
SEEMS TO BE THE TRAVELING SPEAKER.)
CN0960 249 <'SPLANDREMICS'S DF.
<AUTOMATIC INFORMATION HANDLING SUCH AS
TO INTERFACE WITH AUTOMATIC DISPLAY
SYSTEMS> CN0969 /L. 250 I SOMETIMES
FEEL LIKE ARGUING THAT THESE
REVOLUTIONARY DEVELOPMENTS ARE

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INEVITABLE BECAUSE THEY ARE GOOD, AND
THAT THEY HAD BETTER BE GOOD BECAUSE
THEIR ARE INEVITABLE. BUT AS REASONING
THIS IS OPEN TO OBJECTION. CN0976 251
ASSOCIATION FOR ((SQUIGGLE)))? 88 ST.
STEFAN'S / STEPHEN'S ST. BOSTON <HAS
BOOKS ON MAG TAPE FOR THE BLIND> -- SAYS
WABC CN0986 252 SUBTITLE <SPLANDREMICS>
THE NEW FIELD OF <M>AGIC <P>RESENTATION
CN1002 253 TITLE? <MAGIC PRESENTATION
AND CONTROL> CN1002 254 <PRIDE> SYSTEM
IS GENERICALLY-- <CLOSED-STRUCTURE>
<HIGHLY EXPANSIBLE> <FILE SYSTEM> CN1013
255 <IRGENERATING TO PROBABILISTIC
SELECTION & ABSTRACTION ALGORITHMS
CN1045 256 LIGHTS AROUND TIMES BUILDING
_1928 TO 1962 OR 3 CN1047 257 EMPIRICAL
STUDY OF USE OF EXISTING INFORMATION
SYSTEMS SHOULD NOT BE OVERRATED, SINCE
USAGE OF SYSTEMS WE _MIGHT BUILD WOULD
BE _ENTIRELY DIFFERENT. CN1050 258
CONSEQUENCES OF <OR> (WAGE, 'NEED')
STUDIES ARE ONLY IN THE DISPERSAL AND
HIERARCHICAL ARRANGEMENTS OF STORAGE--
_NOT IN THE BASIC CRT DISPLAY PRINCIPLE.

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CN1050 259 NB BUSH'S MEMEX HAD MOST OF
THE FEATURES I WANT CN1051 260 <LIST
HYPERFILE> IS PARAMARK <A PACKAGE OF
ITEMS & RELATIONSHIPS> PARAMARK <OUTPUT
FUNCTION> CN1083 261 DFS. <FILE> DF.
<FORMS OF STORAGE> WITH <STRUCTURED
RELATIONSHIPS> AND <PARTICULAR METHODS
OF USE & ACCESS.> (OUTPUT FUNX.) <FILE
STRUCTURE> THE RELATIONSIPS. CN1120
262 _HYPERFILE _DF. FILE IN WHICH AURE>
THE RELATIONSHIPS. CN1120 262
_HYPERFILE _DF. FILE IN WHICH _ANY
_CONNECTIONS ARE POSSIBLE CN1121 263 SEE
<LIFE> VOL 58 NC. 4 29 JAN 65 P. 3
"CHURCHILL: WRITER IN THE GRAND MANNER"
(OF HIS 24-HOUR SUPPLY OF SECRETARIES
FOR INSTANT DICTATION, AND OF HIS
NUMEROUS DRAFTS.) CN1144 264 (((ARROW
RIGHTWARD))) MENTION ECONOMICS OF USING
COMPANY CRT'S FOR <N>IGHT <C>OURSES-- AS
A COMMUNITY SERVICE, IF NOT ECONOMICAL.
CN1154 265 *EXTENDED VISUALIZATION,
KINAESTHETIC CONCEPTUALIZATION FIELDS OF
IDEAS AND RELATIONS. CN1246 266
ANALOGOUS COORDINATE SYSTEMS FOR INPUT

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CN1247 267 <EXTENSION OF ANALOGICAL
MOVEMENTS> E.G., (((LEFTWARD ARROW)))
LEFT PEN MOVEMENT CONTROLLING SCREEN
DRUM ROLL CN1247 268 (I SHOULD GET IN
TOUCH WITH SOME OF THE <ELECTRONIC
MUSIC> GUYS, ESP. MILTON BABBITT.)
CN1311 269 (JEAN SAYS FURTHER THAT THE
TCLSTOY STORY WAS TOLD BY A DAUGHTER AT
FRANCIS PARKER _WHILE _BOBBIE _WAS
_THERE. (*PROBABLY '34 OR '35.')

CN1312
270 CF. <THE DESIGN OF NEON LIGHTS>
CN1326 271 LET US <DEPART TO A NEW
REALM> <OF POSSIBILITIES> CN1328 272
'PHANTICS'-- <INFORMATION AND
PRESENTATION> CN1328 273 <THE LORD'S
HAND (?) TRACING THE STONE TABLETS IN
_TEN _COMMANDMENTS> (FIRST VERSION)?
CN1338 274 _WHATEVER THE DEVICES
OR METHODS, E.G. DIRECT NEURAL
TRANSDUCTION (((BRACKET OPENING RIGHT)))
SPLANDREMICS / PHANTICS / ETC. WILL GO
ON FOREVER. CN1352 275 CRAM CARDS
VIZ-ED FACT SHEETS SCHAUM'S OUTLINE
SERIES CN1358 276 LIKE AUTOMATION,
PHANTICS BEGAN A VERY LONG TIME AGO, IF

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WE COUNT THE SIMPLER CASES. CN1362 277
MUCH EFFORT GOING INTO _REFINEMENT _OF
_INDEXING _PROCESS. BUT YIELD OF THAT
VEIN IS NOW KNOWN, & PROBABLY CAN'T BE
_IMPROVED _TOO _MUCH. CN1388 278
<MOVIES ARE SEEN BY MORE PEOPLE THAN
READ THE REVIEWS;> <BOOKS ARE READ BY
_LESS PEOPLE THAN READ THE REVIEWS.>
CN1398 279 <DOCKETS> (AREN'T THESE
_DIGESTS?) CN1411 280 QUESTION OF
WHETHER 'PHANTICS' WILL BE A _SINGLE
_THING, UNIFIED, PRACTICED BY A SINGLE
SPECIALIST. DOUBTFUL. POSSIBLE. CF.
<A>RCHITECTURE. (SOCIOLOGICAL PROBLEM.)
BUT, LIKE 'AUTOMATION,' IT REFERS TO A
SIMILAR ACTIVITY AND TREND. CN1429 281
POSSIBLE APPENDIX FOR _PHANTICS ONE
CHAPTER OF <A>PPENDIX: <INTERMEDIATE
ALTERNATIVES> TALKING ABOUT
<I>NFORMATION <R>ETRIEVAL, <P>ROGRAMMED
<L>EARNING AND SO FORTH AND SO ON. CN
1435 282 CHAPTERS OF _PHANTICS LATER
CHAPTERS <E>DUCATION <P>HANTIC
<S>CHOLARSHIP (WHEN SEPARATE ARTICLE;
<S>CHOLARSHIP' WHEN IT'S A CHAPTER)

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<I>NFORMATION FOR <S>PECIALISTS POSSIBLE
TITLE FOR FIRST CHAPTER: <T>HE REAK
EARLY SECTIONS WILL INCLUDE: <T>
REAK <W>HAT'S <N>EW (I.E., THE CN1435
283 CHAPTERS 2 TECHNIQUES AND
EQUIPMENT THAT ARE WORKING NOW) <T>HE
<P>AST (I.E., THE VARIETY OF INVENTIONS
BUILT AROUND THE OLD MEDIA) <A> <N>EW
<U>NITY (<P>HANTICS) <N>EW <S>YSTEMS
(I.E., LICKLIDER-NELSON TYPE
<H>YPERTEXTS) <N>EW <A>RTS (ESP.
<FANFASM>) <N>EW <L>IVES (ESP. THE
DISPLAY SYSTEMS IN OUR HOMES)
<E>DUCATION CN1435 284 CHAPTERS 3
<S>CHOLARSHIP <T> <H>ERITAGE AND THAT'S
IT. CN1435 285 ADVERTISEMENT ON
<H>-FANT (((THE FIRST WORD HAS LETTERS
WHICH WILL BE SUCCESSIVELY REPLACED BY
THE OTHER SETS))) <FORCEFUL > ARE AN I
(((ARROW TOWARD THE ABOVE))) THESE
REPLACE THE OTHERS CN1442 286 PREFACE
ANY ORIGINAL IDEAS IN THIS BOOK I HAD
DURING A VERY SHORT PERIOD IN 1960, WHEN
I WAS TAKING A COURSE IN COMPUTER
PROGRAMMING. EVERYONE I TRIED TO TALK

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TO, INCLUDING PROSPECTIVE EMPLOYERS,
THOUGHT I WAS CRAZY. SIX YEARS LATER,
WITH NO MODIFICATION OF THESE VIEWS, I
FIND THAT THEY ARE PUBLISHABLE AND
CONSIDERED INTERESTING. SO THERE YOU
ARE. CN1446 287 V-MAIL CN1454 288 (<IBM
OWEGO> IS IN SIMULATION TRAINERS. SEE
AD IN _COMPUTER _DESIGN, JAN 66, P.
67.) CN1504 289 MEPHISTOPHELIAN COSTUME
(CRTS) (((ILLUSTRATIONS OF TWO
DOUBLE-CRT HELMETS. THE ONE WITH THE
CRTS OVER THE EARS IS LABELLED:)))
COZIER CN1537 290 <TOKENS> POCKET
OBJECTS TO REMEMBER THINGS BY. CN1570
291 (((RIGHT-OPENING BRACKET)))
<"ENVIRONMENTAL" ART> / <ALL-SURROUNDING
DISPLAYS & FILMS> VS. <BRANCHING,
GRASPABLE, MANIPULABLE DISPLAYS> CN1576
292 (((CROSSED DOUBLE-ARROWS: ONE
POINTING UP-DOWN, OTHER POINTING
LEFT-RIGHT))) FAIRCHILD-HILLER MICROFILM
SLEW NCOMBINABLE) CN1580 293 <TOOLS OF
THOUGHT> CN1584 294 LASERS WILL _NOT
CHANGE CHARACTERISTICS OF 'THE MOVIE.'
CN1586 295 (((NEWSPAPER FILLER ITEM,

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PROB. _POUGHKEEPSIE _JOURNAL))) THE
JEWISH <T>ORAH MUST BE HANDWRITTEN ON A
SCROLL MADE FROM THE SKIN OF A KOSHER
ANIMAL, USUALLY A SHEE POR LAMB. CN1588
296 <STORE DISPLAYS> ESP. STAND-UP CARD
FRAMES CN1590 297 WRITE INFCRMATION
MANAGEMENT FACILITIES, INC. (WHO MAKE
CONTROL ROOMS, CORPORATE NERVE CENTERS.)
CN1604 298 NSTANDARD TELEPRCMPTR
APPARENTLY USES 5/8" LETTERING) CN1618
299 <CUTANECELECTRIC> (SP?)
<STIMULATION> CN1631 300 IBM'S LOS
ANGELES DATA CENTER HAS A GRAPHIC
DISPLAY (<ALPINE?> MORE COMPLEX, IN
PICTURE, THAN 2250.) APPARENTLY FOR
CUSTOMER USE. ILLUSTRATED IN
_ELECTRONIC _INDUSTRIES, MAY 66, P.
1609 CN1634 301 <SWITCHABLE-TRANSPARENCY
GLASS> (MARKS PCLARIZED CORP., NYC)
CN1723 302 FANTICS EMBRACES DECIDING
WHAT SHOULD BE SHOWN IN THE LIGHT OF HOW
TO DO IT CN1758 303 FANTICS EMBRACES:
<DECIDING WHAT TO SHOW> <ON THE BASIS
OF> <WHAT IS POSSIBLE> CN1760 304 <AIR
CCNTROLLER SCREEN CONVENTIONS>

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_DATAMATION NOV 66, 12. CN 1815 305
ACCORDING TO WILLIAM MANCHESTER (_DEATH
_OF _A _PRESIDENT), THE NUCLEAR-WAR CODE
MANUAL IS A _GARISH _COMIC _BOOK.
CNI999 306 _FANTICS. 29 MAR 67 I'VE
JUST REALIZED, TODAY OR LATELY, THAT
"FANTICS" WAS MEANT FOR THE _OUTPUT
_SIDE OF COMPUTER DISPLAY RATHER THAN
THE _<I>NTERACTION. (EXCEPTION: LINK
TRAINER, VARIABLE-HANDLING AUTO.) I
MUST THINK THIS OVER. CN2000 307
<FANTICS> DF. <FORMS OF PRESENTATION
AND THE PRESENTATIONAL ASPECTS OF
EVERYTHING> CN2010 308 MULTI-SCREEN
COMBINES THE <MOVIE> AND THE <ROLLER
COASTER> CN2094 309 THE _INTREPID, AN
EXPERIMENTAL YACHT, HAS FANCY CONTROLS
FOR ITS DUAL RUDDERS, AND SAILS IN
SILENCE TO CLARIFY VISUAL HAND-SIGNALS.
(<LIFE> 28 JULY 67, 60+9) CN2135 310 THE
TERM 'PHANTOM' IS TO BE FOUND IN
OLD-FASHIONED ADVERTISING ILLUSTRATION.
CN2160 311 VARIABLE-RASTER TV-TYPE
SYSTEMS. CN2320 312 TABLE AT END (ONE
OR SEVERAL?) (((THE WHOLE CARD IS AN

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ILLUSTRATION OF PARALLEL ROWS. ROW 1
MAY BE TAKEN AS A LOGARITHMIC DIVISION
OF SHORT VERTICAL LINES,, LABELLED:)))
(LOG DIVISION OF YEARS) (((ROW 2:)))TEXT
/ PUBLISHING / STATIONERY (((AND IN
IT:))) X <ALPHABET> INVENTED SOMEWHERE X
PUNCTUATION X GUTENBERG X BUSH 'MEMEX' X
LICKLIDER (((ROW 0:))) <NON-VERBAL
SYMBOLIC INFO / <BOOKKEEPING> (((AND IN
IT:))) * DOUBLE-ENTRY * CHECKS *
BASEBALL * FISHER BLACK * DCN WALKER
(((ROW 4:))) <AUDIO-VISUAL> (((AND IN
IT:))) X PHOTOG * HOLOG * PHOTOPLASTIC *
ROMNEY-WYLIE * NELSON, FANTASM (((NOTE
THAT THESE LATTER TWO SHOULD BE SORT OF
STREAKY MARKERS, TO INDICATE CERTAIN
CHRONOLOGICAL SUBTLETIES))) (((ROW 5)))
VISUAL, COGNITIVE (((AND IN IT:))) *
SUTHERLAND, SKETCHPAD CN2338 313 SHOW
THAT LOVELY 2-PIECE MOLD MONSTER
FIGURE-- POWER OF ARTIST. CN2339 314
(THAT ALL-B&W PICTURE OF LINCOLN) CN2339
315 (((ILLUSTRATION OF HUGE SHARP-EDGED
'SHADOWED' LETTERS: F U O))) (((WITH
ARROWS INTO THE LETTERS:))) DISPLAYS

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THAT SIMULATE REALISM EXCEPT AT CERTAIN
KEY PLACES. CN2341 316 (APPARENTLY THE
TERM 'AUDIT TRAIL' IS STANDARD, PERHAPS
PREDATING BUSH'S USE OF 'TRAIL.') CN2478
317 EXEMPLARY FEELY (((ILLUSTRATION OF
SOME KIND OF MECHANICAL ARM)))
ELECTROMAGNET GIVES EXACT, VARYING SENSE
OF PRESSURE-PATTERNS CN2502 318
KINAUTOMAT (_BOOKS JUNE '68 49) IT SAYS
THERE WERE _6 MOMENTS OF DECISION.
THOUGH RADU(S?) CINCERA INVENTED IT,
JAN RCHAC DIRECTED. CN2507 319
<ACCORDION MENUS> ((VAN DAM LIKES
THESE)) CN2512 320 EXCELLENT QUOTES ON
DASHBOARDS & FEEL-- CALLED
"PROJICIENCE"-- BY T.N. WHITEHEAD,
1934, IN _THE _DESIGN _& _USE _OF
_INSTRUMENTS _AND _ACCURATE _MECHANISM.
(DOVER REPRINT, 1934.) REVIEWED &
DISCUSSED IN _<IEEE> TRANSAX _ON _HUMAN
_FACTORS _IN _ELECTRONICS, DEC 1967,
285+. CN2512 321 (BADDY: THE ILLINOIS
COMPUTER-MUSIC MAKER) CN2533 322 PREFACE
THIS IS A BOOK ABOUT, /_AMONG OTHER
THINGS, _/ COMPUTERS /_AND SHOWS_/ AND

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THE HUMAN MIND. MY IDEAS ABOUT
COMPUTERS AND THE HUMAN MIND DO NOT
APPEAR TO BE THE SAME AS THOSE OF ANYONE
ELSE IN THE PRESENT CENTURY. CN2561 323
<FANTICS> <PRESENTATION SCIENCE AS AN
ART> CN2577 324 CHAPTER ONE?
"PRESENTATION SCIENCE: NEWEST OF THE
ARTS" CN2578 325 HYPERGRAMS--
<PERFORMING PICTURES> CN2584 326 <INTRO>
1 SOME OF THE MOST EXTRAORDINARY
ADVANCES IN THE HISTORY OF CIVILIZATION
ARE NOW BEING MADE. YET I THINK IT IS
UNFAIR TO SAY THAT MOST OF THOSE WHO ARE
MAKING THESE ADVANCES DO NOT UNDERSTAND
WHAT THEY ARE DOING, AND THE PUBLIC, WHO
OUGHT TO KNOW, + CN2585 327 <INTRO> 2
HAVE NOT THE SLIGHTEST IDEA OF WHAT IS
HAPPENING. THE BASIC MISUNDERSTANDING
IS THE IDEA THAT NEW FORMS OF
INFORMATION STORAGE AND DISPLAY ARE
BASICALLY "TECHNICAL" MATTERS, WHOSE
DESIGN AND OVERALL CHARACTERISTICS +
CN2585 328 <INTRO> 3 ARE TO BE
ESTABLISHED BY "TECHNICAL" MEANS AND
THUS BESTOWED AN UNCRITICAL WORLD.

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THESE SYSTEMS WILL HAVE THE MOST EXTREME EFFECTS ON LIFE AND CULTURE SINCE THE PRINTED BOOK. AND WHILE THEY ARE SWAMPED WITH TECHNICAL DETAILS + CN2585 329 <INTRO> 4 OF EXECUTION, THEIR NATURE IS VERY SIMPLE. THEY ARE WAYS OF SHOWING AND REMEMBERING IDEAS AND IMPRESSIONS. WITHOUT A PUBLIC THAT CAN UNDERSTAND, CRITICIZE AND PARTICIPATE IN THE DESIGN OF THESE SYSTEMS, THEY ARE NOT GOING TO BE WHAT WE OUGHT TO HAVE, + CN2585 330 <INTRO> 5 AND OUR LIVES AND FUTURES MAY BE POLLUTED AS A RESULT. CN2585 331 MCLUHAN, IN AN EARLY ARTICLE, POINTED OUT THAT WESTERN PUNCTUATION BEGAN BY IMITATING SPEECH AND GOING ON TO EXTEND IT. (INTERNAL VOCALIZATION?) CN2586 332 * YOU CAN GIVE AN IDEA, BY THE PLACEMENT OF AN ASTERISK, OF WHAT SORT OF THING IT IS SUPPOSED TO BE. CN2586 333 (USED QDP) <FANTICS> OF. THE <P>RESENTATION AND <S>TORING OF <I>DEAS AND <I>MPRESSIONS CN2588 334 A LIGHT PEN IS LIKE YOUR FINGER. SOMETIMES IT MEANS ONE THING WHEN YOU POINT WITH IT,

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SOMETIMES ANOTHER. CN2588 335 <KEEPING TRACK OF THINGS> CN2591 336 ENGELBART'S "BRICK" GEDANKENEXPERIMENT. CN2591 337 THE FICTION OF TECHNICAL EXPERTS PREPARING / BOUND TO REVISE THE WORLD FROM A LOFTY PERCH ... THESE PEOPLE ARE ORDINARILY HUMAN BLUNDERERS. OFTEN VERY SMART; OFTEN, THROUGH THEIR TECHNICAL PRECONCEPTIONS, VERY DUMB. ... EVERY SYSTEM BEARS THE PERSONALITY OF THE MAN, OR WORSE, THE COMMITTEE, THAT DESIGNED IT. CN2603 338 (USED QDP) <'PETTY DETAILS'> CN2603 339 INTRO THE HISTORY OF THIS WORK IS A SET OF AMUSING TALES THAT SHOULD BE TOLD ELSEWHERE. CN2604 340 (USED QDP) INTRO MY FIRST INTEREST WAS AS A WRITER AND SHOWMAN ... CN2605 341 (USED QDP) INTRO IN THIS BOOK I DISAGREE WITH ALMOST EVERYONE. CN2605 342 (USED QDP) CH <COMPUTER AS PERFORMER> (NON-INTERACTIVE SHOWS) CN2605 343 RAMO: "<I>NTELLECTRONICS" CN2605 344 MISC CHAPTERS? SECTIONS? A <UNIFICATIONS AND AD VIABLE MEDIA> <INTU THE STILL WATER: THE CRAZY ECONOMICS OF

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COMPUTERS> CN2605 345 B <TEXT
WORKSPACES> <INNER THOUGHT AND
CREATIVITY SYSTEMS> <TEXT-CONTROLLED
ACTIVITIES AND ADVANCED WORKSPACES>
<EDUCATION> <SCHOLARSHIP> <THE
PRESENTATION OF OUR HERITAGE AND
CULTURE> <WHAT ELSE?> (HCLOG. ETC.
CN2605 346 (USED QDP) <NOT ALL WILL BE
PROGRAMMERS; ALL WILL BE _USERS> (CF.
AUTO MECHANICS) CN2605 347 ALT.
VIEWPOINTS <'EVERYTHING IS POSSIBLE'>
VS. <'ONLY CERTAIN THINGS WILL WORK.'>
CN2606 348 'THE TRUE COPY' IS THE ONE IN
DIGITAL FORM. CN2606 349 (USED QDP)
<INTRO> MY ADVENTURES IN THIS ODDYSSEY
HAVE BEEN MOST CURIOUS AND INSTRUCTIVE,
AND SHOULD BE TOLD ELSEWHERE. CN2606
350 THE ORDINARY CLASSROOM IS A
GROTESQUE SOCIAL SITUATION. THE TEACHER
IS DISPENSING FAVORS* AND PUNISHMENTS**
IN A FRAMEWORK OF COMMON ATTENTION. A
FRACTION, USUALLY A LARGE FRACTION, OF
THE CLASS IS DISORIENTED (LST OR
BEHIND) AND/OR DAYDREAMING. *GRADES,
THE OPPORTUNITY FOR INITIATIVE AND

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REWARD **FIRST RIDICULE; LATER GRADES
AND BAD REPORTS TO PARENTS. CN2607 351
(CUP. W SKX, PRES. STRUX))
<'SIMPLICITY' IS A MATTER OF EXPRESSIVE
CONVENTIONS> & WHAT MAY BE EXPRESSED
BRIEFLY IN THEM (& LATER EXPANDED OR
PROBED). CN2608 352 <THE FUTURE AS SEEN
BY IBM> <IR> 'TELEPROCESSING' <THE
FUTURE AS SEEN BY THE PHONE CO.> COMM.
BET. COMPUTERS MICKEYMOUSE CLASSROOM
STUFF PICTUREPHONE <THE FUTURE AS SEEN
BY MCLUHAN> (PROB. LEAVE OUT: MINSKY,
ETC.) CN2608 353 (USED QDP) <WE ARE
DESIGNING MAGICAL CASTLES> CN2609 354
<GENERAL SYSTEM> (SOFTWARE-GENERALIZED)
PLUS <SPECIAL RIGGING> CN2609 355 QUOTE
FROM THE 1930 _ENCYC. _BRIT. CN2609
356 (USED QDP) <FANTICS> DF. THE
HANDLING AND PRESENTATION OF IDEAS;
ESPECIALLY WITH REGARD TO MAKING THINGS
LOOK GOOD, FEEL RIGHT, AND COME ACROSS
CLEARLY. CN2610 357 (USED QDP) UG 1
MANY PEOPLE HAVE TOLD ME, "I AGREE WITH
SOME THINGS THAT YOU SAY, BUT I CAN'T GO
ALONG WITH ALL OF IT-- AND YOUR EXTREME

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VIEWS THROW PEOPLE OFF. YOU COULD GET FARTHER IF YOU PRESENTED IT IN A WAY THAT WOULD RELATE MORE TO WHAT PEOPLE ARE USED TO, AND + CN2610 358 (USED QDP) UG 2 MAKE IT LESS (((SQUIGGLE))) BUT THAT WOULD DEFEAT THE PURPOSE OF THIS BOOK. THE PURPOSE OF THIS BOOK IS TO COMMUNICATE A UNIFIED POINT OF VIEW, A VISION. TO DILUTE THIS, TO SWEETEN IT OR PRESENT IT INGRATIATINGLY WOULD BE DISHONEST. DIFFERENT PEOPLE HAVE HEARD DIFFERENT PARTS OF THIS VISION-- FROM A TO B, OR FROM J TO N-- BUT NOT FROM A TO Z. THAT IS THIS BOOK. CN2610 359 ((DUPL. W SMAS)) THE FALSE CONCEPT ((SIC)) OF "THE MACHINE" AS SOMETHING APART FROM OURSELVES, AN ENEMY OPPOSED TO THE HUMAN. CN2612 360 CH? <THE FEEL OF THE WHEEL> CN2612 361 <THE FEEL OF THE ROAD> CN2612 362 CH. ONE? <THE EMPEROR'S CLOTHES> CN2614 363 OTHER FUTUROLOGISTS TO CONSIDER <HUGO GERNSBACH> <JOHN W. CAMPBELL> <NORMAN COUSINS> <HERMAN KAHN ("SURPRISELESS")> CN2614 364 'THINK OF COMPUTER CONTROL AS

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JUST ANOTHER PLUG IN THE WALL.' CN2615 365 I SHOULD THANK <WJ> AND MOSELEY. CN2615 366 (((ILLUSTRATION OF THE FALLING COST-CURVE OF THE PDP-8.))) CN2615 367 CH <HUMANITY> OR <HUMAN MACHINES AND INFUMAN PEOPLE> CN2616 ***** THESE CARDS ARE SPL ((VERTICAL)) 01 TU 35 PUNCHED 3 DEC 68 ***** *****01 (HISTORY & PROGNOSIS) EQUIPMENT CURRENT 'FIELDS' & THEIR BEARING TYPES OF DISPLAY TYPES OF RECORDS TYPES OF ORGANIZATION FOR PRESENTATION FOR STORAGE & TRANSMISSION 02 'DISPLAY' LARGE DISPLAYS AUTOMATIC BOARD AT CURB EXCHANGE AUTOMATIC DISPLAYS (MUSEUMS, WALKIE-TALKIE FAIRS TOTAL DISPLAYS SEATTLE FAIR ROOM SAC UNDERGROUND ROOM? THAT CREEP'S LEARNING BOX DISPLAYS AT A DISTANCE STOCK TICKER AUTO TEXT DISPLAYS NY TIMES HEADLINES INTERCHANGE AT DISTANCE TELETYPE

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TELEPHONE 03 ANYONE FAMILIAR WITH THE
COMPUTER SHOULD SKIP THE FOLLOWING
SECTION. 04 EXCEPT FOR THE
NINETEENTH-CENTURY MATHEMATICIAN
BABBAGE, NO ONE HAD ANY IDEA WHAT SUCH
OPERATIONS WERE CAPABLE OF METALANGUAGES
BABBAGE 05 TV TEACHING ITS DRAWBACKS &
COST & OVERRATEDNESS 06 KILL THE
JAPANESE-HISTORY EXAMPLE, BUT TURN
INSTEAD TO VARIOUS SHAKESPEARE AND
CRITICISM AND READINGS AND FILMED AND TV
PERFORMANCES AND ELIZABETHAN HISTORY &
LITERATURE 07 COKE MACHINE PROGRAM LEFT
HAND: CHANGE BOX RIGHT HAND: COIN SLOT
IN FRONT OF YOU: CASE OF COKE ETC. 08
REWRITE ON LATEST DUKANE EARLIER. A.
ALL INVENTIONS CHRONOLOGICAL? B. BY
CATEGORIES UNTIL THE LINKED KIND, THEN
TALK ABOUT LINKAGES & CONTROL? C. HOW
ABOUT PHOTOGRAPHY / PROJECTOR INTERPLAY?
09 OVERLAYS USED IN TV WEATHER REPORTS
10 UNDER THE GROUND AT OMAHA, NEBRASKA,
THERE IS A ROOM. IT IS THE FIRST PLACE
OF ITS KIND. ... FOR STRATEGIC
PURPOSES ... AN IMPORTANT AUGURY ...

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TO LEARN TO CONTROL, UNDERSTAND AND
UTILIZE THESE NEW SYSTEMS FOR THE PROPER
PURPOSES OF HUMANITY IS ONE OF THE FIRST
TASKS BEFORE US. 11 THERE IS A ROOM IN
OR UNDER OMAHA, NEBRASKA, THAT IS VERY
IMPORTANT TO THE WORLD: NOT JUST /
FIRST, BECAUSE THE MEN IN IT CONTROL THE
BOMBS OF THE STRATEGIC AIR COMMAND; AND
SECOND, BECAUSE THE MAGICAL ROOM ITSELF
PRESAGES A NEW WORLD TO COME. 12 (USED
QDP) DIVISION OF THOUGHTS INTO CARDS
WILL BE DROPPED. WE'VE GOT A REAL
SYSTEM NOW. TO ENUMERATE POINTS AND
SCRAPS. 'WELL, I SUPPOSE THAT BY THE
YEAR 2000 EACH CHILD MIGHT HAVE HIS OWN
TAPE RECORDER.' TEACHING SYSTEMS
THUS: FIRST THE _PRINCIPAL THINGS TO BE
TAUGHT ARE ENUMERATED, THEN THESE BECOME
THE _ONLY THINGS, AND THEN THE STUPID
KIDS CAN'T EVEN GET _THAT. TO THE
SPIRIT OF 12 (USED QDP) P.T. BARNUM,
D.W. GRIFFITH, AND SYLVIA
ASHTON-WARNER. FEARFUL FUTURES FBI:
POLITICAN DISSENT WE ALREADY HAVE 'A
POLICE STATE' FORMALIZATION OF VILWS OF

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PEOPLE SEEN W/IN CIVIL & CREDIT
STRUCTURE. BLACKMAIL. CRITERIA WHICH
ARE AVAILABLE WILL BE _USED. OUGHTN'T.
LASSWELL: NOTHING WHICH A SOCIAL
SCIENTIST WILL NOT 14 SOMEDAY WANT FOR
SOME PURPOSE.' BCOTS IN THE NIGHT
SUBSCRIPTION LISTS FREEDCM FROM NUISANCE
(GETTING MAILING LISTS SOLD) POLITICAL
BLACKMAIL FOR SEXUAL PECCADILLOES OR
QUIRKS-- OFTEN TALKED ABOUT, (VIDAL) NOT
LATELY INVOKED (NB HARDING) 15 (USED
QDP) WONDER WORLDS TO EXPLORE ON YOUR
SCREEN: FAIRYLANDS AND ENACTMENTS NEW
CHILDREN'S TOY: THE ART FORM KID CAN
MAKE PERFORM (((RIGHT-POINTING ARROW)))
EXTENT OF REALISM DESIRABLE OUGHT TO BE
DETD 16 (USED QDP) SCHOOL MYTH THAT THE
TROUBLEMAKERS HAVE BEEN STUPID-- THAT'S
IQ, SUBJECT TO RECONSIDERATION SYSTEM
_AT_ITS _BEST CREATES MEDIOCRITY-- THE
TOP DEPLE, REALLY AGILE-MINDED, BECOME
TRCUBLEMAKERS IMPATIENCE AND BOREDOM
PERFECTLY JUSTIFIABLE 17 (USED QDP)
INTRO THIS IS NCT A BOOK ABOUT
"CCMPUTERS." I HAVE WRITTEN SEVERAL OF

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THOSE. IT IS A BOOK ABOUT THE LOVELY
WORLD WE CAN MAKE FOR OURSELVES OF IDEAS
AND THOUGHT AND CREATIVITY, IN WHICH
COMPUTERS WILL PLAY AN UNSEEN, BUT
(((SQUIGGLE)))
((HAVING-TO-BE-UNDERSTOOD)) PART. 18
(USED QDP) THIS BOOK ENDEAVCRS TO
DELINEATE THE WAY SUCH A WORLD SHOULD
BE, AND THE PART COMPUTERS SHOULD HAVE
IN IT, AND (PERFAPS STARTLING TO THE
READER) I BELIEVE THIS WORLD WILL COME
_ABOUT. I DO NOT SAY THE THINGS IN THIS
BOOK WILL CURE DISEASE, END THE THREAT
OF NUCLEAR WAR, OR STAMP OUT RATS. BUT
I DO THINK THEY 19 (USED QDP) WILL GIVE
US BETTER MINDS, ANSWER OUR NEEDS FOR
BEAUTY, AND MAKE THE STATE OF WISDOM
MORE ATTAINABLE. THIS BOOK DOES NOT
TELL THE READER VERY MUCH ABOUT
COMPUTERS, EXCEPT WHAT THEY WILL DO IN
CERTAIN CONTEXTS. IF THE READER WANTS
TO KNOW WHAT COMPUTERS ACTUALLY ARE AND
DO, 20 (USED QDP) WITHOUT MATHEMATICAL
ABRACADABRA, OR POMPOSITIES OF TECHNICAL
WISDOM, ... ONE THING MURE THE READER

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SHOULD UNDERSTAND ABOUT THIS BOOK.
((THE FOREGOING IS A CORRECT SENTENCE.))
I DISAGREE WITH _EVERYONE. TO STATE IT
MORE POSITIVELY, THIS BOOK ASSERTS AND
ADVOCATES VARIOUS THINGS WHICH EXPERTS
AND EXPERIENCED OBSERVERS IN A GREAT
VARIETY OF FIELDS APPEAR NOT YET TO HAVE
THOUGHT OF, 21 (USED QDP) OR MAY HAVE
ALREADY REJECTED. BUT I THINK I AM
RIGHT, AND CONSEQUENTLY THAT I WILL NOT
BE IN DISAGREEMENT WITH PEOPLE VERY
LONG. IT SHOULD SUFFICE FOR THESE VIEWS
TO BE CLEARLY EXPRESSED, FOR THEM TO GET
A FAIR HEARING AND GO ON TO HAVE THEIR
PROPER INFLUENCE. IT _SHOULD SUFFICE,
THAT IS. HOWEVER, 22 (USED QDP)
HOWEVER, I WAS NOT BORN YESTERDAY, AND I
CANNOT MAKE ANY SUPPOSITIONS ABOUT THE
FATE OF THIS BOOK. NOR CAN YOU, GENTLE
READER. PROCEED. TRASHY GIMCRACKS AND
AUDIO-VISUAL TOYS; THEIR CONFUSION AND
CONTINUAL LOSS AND DESUETUDE 23 (USED
QDP * "MAKING THINGS LOOK GOOD, FEEL
RIGHT, AND COME ACROSS CLEARLY" DEV S
LOOK GOOD, FEEL RIGHT, AND COME ACROSS

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CLEARLY" DEFINITION ((ARROW POINTING AT
PREVIOUS ITEM))) DEFINITION THE HANDLING
AND PRESENTATION OF IDEAS; ESPECIALLY
(((ARROW POINTING AT SAME PREVIOUS
ITEM))) ANTI-MISCHIEF PRECAUTIONS CF.
NASTY USE OF TELEPHONE & ITS GROWTH THE
COMPUTER MAKES POSSIBLE UNDREAMED-OF
WONDERS IN THE SHOWING OF THINGS TO
PEOPLE. IN THE SHOWING OF THINGS TO
PEOPLE IT IS ALADDIN'S LAMP. CH. 1:
THE VISIONARY MESS OR THE EXCITING MESS
OR AN EXCITING, VISIONARY MESS 25 (USED
QDP) I HAVE BEEN LIVING IN THIS WORLD
FOR EIGHT YEARS. COME JOIN ME. LAST
CHAPTER? THUNDER 26 (USED QDP) THERE MAY
BE ONE OR TWO PEOPLE IN THE PENTAGON
THAT HOLD SOME VIEWS SUCH AS THESE, BUT
THEY ARE TACITURN AND DO NOT SAY. ASIDE
FROM THESE, I HAVE FEW PEOPLE TO THANK.
_COMPUTING _REVIEWS 27 (USED QDP) PASSED
OVER MY ARTICLES FOR THREE YEARS,* *DUE,
IT TURNS OUT, TO ADMINISTRATIVE SLIPUPS.
VARIOUS PEOPLE OFFERED ME WONDERFUL JOBS
WHICH WERE NEVER MENTIONED AGAIN, AND I
HAVE BEEN SHUNNED IN MEETINGS. 28 (USED

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QDP) TALK OF 'DATA BANKS' MALEMPHASIZED
NO TRANSLATION MACHINE NO TRANSCRIPTION
MACHINE NO HANDWRITING READER 29 CH
FALSE TECHNICALITIES CAI IR30 SUPPOSE'D
TECHNICAL RECKONINGS CAI IR 31 THE
SO-CALLED NEWS 32 ANOTHER VIEW OF FUTURE
HERMAN KAHN'S "SURPRISELESS." 33 (ITEMS
THAT CAME TO MIND DURING WRITING OF QDP,
AND WERE USED THERE. HERE THEY ARE ON
CARDS:) (CH. TITLES?) UNIFYING THE
MEDIA THE VISION TEXTS THE TEXT SYSTEM,
AT HOME AND EVERYWHERE BEYOND THE
COMPUTER AS CONTROL BOX THE FEEL OF THE
CONTROLS MIND OVER MATTER SOCIETY IN THE
FANTIC AGE EDUCATION 1: THE SNAKE PIT
EDUCATION 2: REAL MINDS AT LAST 35
(ITEMS FROM NIGHT QDP WAS WRITTEN. DID
NOT GO INTO IT.) HYPERTEXT: A MOBILE
OF WRITING LIGHT-SWITCH OR SWITCHBOX I
HAVE AVOIDED EMPLOYMENT ON PARTIAL
SYSTEMS FEW CAN CONCEIVE OF WHAT'S
POSSIBLE _NOW *****

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5 DECEMBER, 1968

COMPLIMENTS OF THE
HYPERTEXT EDITING SYSTEM
BROWN UNIVERSITY
5 DECEMBER, 1968

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PAG LIN CODE

001 001 +SWIDTH74+
001 002 +LENGTH74+
001 003 +DEPTH50+
001 004 +LIST(1,2,3,4)+TABLE OF CONTENTS
001 005 +LIST(A)+LIST OF FIGURES
001 006 +HEADB+
001 008 +LENGTH40+
001 009 +FRONT+
001 010 +DATE+5 DECEMBER, 1968
001 011 +DOUBLE+
001 012 +SWIDTH040+
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IEF285I VOL SER NOS= SYSRES.
SPACE AVAILABLE TO PROGRAM IS 210K BYTES
(1518,DER) DATE = 68340 START TIME = 02.80 ELAPSED TIME = 0.158 FUNDS LEFT IN ACCOUNT = 871.09

H A S P JOB STATISTICS -- 50 CARDS READ -- 3,993 LINES PRINTED -- 0 CARDS PUNCHED -- 10.38 MINUTES EXECUTION TIME

