

```

IEF285I  SYS1.T360                PASSED
IEF285I  VOL SER NOS= NYSC05.
IEF285I  SYS69193.T001128.SV000.TXT360.R0000006  SYSOUT
IEF285I  VOL SER NOS= SPOOL1.
IEF285I  SYS69193.T001128.RV000.TXT360.WORK2      DELETED
IEF285I  VOL SER NOS= 111111.
IEF285I  SYS69193.T001128.RV000.TXT360.EXCFILE    PASSED
IEF285I  VOL SER NOS= NYSC04.
IEF285I  SYS69193.T001128.RV000.TXT360.MASFILE    PASSED
IEF285I  VOL SER NOS= NYSC04.
IEF285I  PRINT                          PASSED
IEF285I  VOL SER NOS= NYSC05.
STEP TIME=00.00.28

```

FANTICS

11 JULY, 11:45 PM

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//STEP4 EXEC PGM=POSTPR
//SYSPRINT DD SYSOUT=A,DCB=(RECFM=VA,LRECL=137,BLKSIZE=141)
//PRTOT DD DSNAME=PRINT,DISP=(MOD,PASS),UNIT=2311,VOLUME=SER=NYSC05, X
// DCB=(RECFM=FB,LRECL=132,BLKSIZE=132)
//EXCEPTN DD DSNAME=*.STEP1.EXCEPTN,VOLUME=REF=*.STEP1.EXCEPTN, X
// DISP=(OLD,DELETE),UNIT=SYSDA,DCB=(BLKSIZE=300)
//MASTER DD DSNAME=*.STEP3.MASTER,VOLUME=REF=*.STEP3.MASTER, X
// DISP=(OLD,DELETE),DCB=(BLKSIZE=132),UNIT=SYSDA
//DICT DD DSNAME=SYS1.DICT,DISP=(OLD,KEEP),DCB=(,BLKSIZE=2000), X
// UNIT=2311,VOLUME=SER=NYSC05

```

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IEF236I ALLOC. FOR TXT360 STEP4
IEF237I JOBLIB ON 191
IEF237I SYSPRINT ON 193
IEF237I PRTOT ON 191
IEF237I EXCEPTN ON 190
IEF237I MASTER ON 190
IEF237I DICT ON 191

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001820880 BEGIN PHASE 4
001830030 END PHASE 4

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IEF285I  SYS1.T360                PASSED
IEF285I  VOL SER NOS= NYSC05.
IEF285I  SYS69193.T001128.SV000.TXT360.R0C00007  SYSCUT
IEF285I  VOL SER NOS= SPOOL1.
IEF285I  PRINT                    PASSED
IEF285I  VOL SER NOS= NYSC05.
IEF285I  SYS69193.T001128.RV000.TXT360.EXCEFILE  DELETED
IEF285I  VOL SER NOS= NYSC04.
IEF285I  SYS69193.T001128.RV000.TXT360.MASFILE  DELETED
IEF285I  VOL SER NOS= NYSC04.
IEF285I  SYS1.DICT                KEPT
IEF285I  VOL SER NOS= NYSC05.
STEP TIME=00.00.04
//STEP5 EXEC PGM=PRT
//T36OPT DD DSN=PRINT,DISP=(OLD,KEEP),UNIT=2311,VOLUME=SER=NYSC05, X
//          DCB=(RECFM=FB,LRECL=132,BLKSIZE=132)
//T36OPT DD SYSOUT=A,DCB=(,BLKSIZE=132,LRECL=132)
//DICT DD DSN=SYS1.DICT,DISP=(OLD,KEEP),DCB=(,BLKSIZE=2000), X
//          UNIT=2311,VOLUME=SER=NYSC05
//SYSABEND DD SYSOUT=A
//FINALPRT DD DSN=*,STEP3.PRTOT,VOLUME=REF=*,STEP3.PRTOT, Z
//          DISP=OLD,DCB=(RECFM=FB,BLKSIZE=132,LRECL=132),UNIT=2311
//SYSPRINT DD SYSOUT=A
```

```
IEF236I ALLOC. FOR TXT360  STEP5
IEF237I JOBLIB  ON 191
IEF237I T36OPT  ON 191
IEF237I T36CPNT ON 193
IEF237I DICT    ON 191
IEF237I SYSABEND ON 193
IEF237I FINALPRT ON 191
IEF237I SYSPRINT ON 193
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XXXXXXXXXX

GENERAL RESIDENT DISPATCHER FOR SCOPE
ROLL OUT FOR PRINT/PUNCH
DATE OF THIS ROLLOUT: FRIDAY 11 JULY 1969, 11:45 PM
NAME OF CONTENTS: FANTICS, A ROCK DRAFT.
DESCRIPTION OF WORK: SOME THINGS HAVE BEEN ADDED, SOME MOVED AROUND
SINCE LAST TIME.
WORK SYSTEMS: JUST GETTING OUT THE STUFF.
REMARKS: THIS DATA SET HAS BOMBED, AND WILL NO LONGER HANDLE
REARRANGES.

SYSTEMS NOTE, THIS IS THE COPY BUFFER. EVERYTHING HERE HAS BEEN
COPIED FROM AREA "LIVNPT". NOTE THAT THERE ARE NO "CHAPTERS." WHEN
SECTIONS GET COMBINED INTO CHAPTERS IS THE LAST THING ON MY MIND.

INCOME-TAX HELP SYSTEM (ALTERNATIVES)

PATIENT RECORDS ONLINE CLERICAL IR (ANOTHER NARROW VISION) AWESOME
ARCHITECTURE EXAMPLE: FLIPTYCH

(1:48 AM 10 JULY)

HYPER-COMICS HYPER-POETRY THE SCATTERED CONSUMPTION OF SYSTEMS IN
HOMES-- NOW TO BE UNIFIED CASSETTE-CAMERA TIMETABLE FOR INTRODUCTION OF
COMPUTER DISPLAYS IN HOMES TRUE ACCESS TO NEWS THROUGH HYPERTEXT SYSTEMS
TODAY'S ROCK MUSIC LIGHT SHOWS "MULTI-MEDIA"

(8:20 PM FRI 11 JULY)

OL: DIGITAL CONTROL, COMP DISP., DIG. LIBRARIES 3-D 'TANK' RESPONSE
QUALITIES MACHINES MUST NOT MAKE DECISIONS FAKE SCIENTIFIC VOTING-
DISTRICTS WE MUST JOYLY WELL UNDERSTAND THE DECISIONS WITH WHICH MACHINES
ARE ENTRUSTED WHAT IS A MEDIUM? VIABILITY OF MEDIUM IN SOCIETY WHAT IS A
MEDIUM? VIABILITY OF MEDIUM IN SOCIETY CONCEPTUAL UNITY OF MEDIUM
COMPONENTS COUPLED EVERY WHICH WAY NOW ELECTRICAL COUPLING OF COMPONENTS
CONCRETE PHYSICAL COUPLING OF COMPONENTS MUSEUMS & FAIRS NOT GL. COMPU-
TERS BUT SPECIAL INDUCTIVE & AXIOMATIC CREATION EXPOSITORY STRUCTURES
BREAKING EXPOSITORY STRUCTURES THE NATURE OF WRITING THE NATURE OF IDEAS
IDEAS AS ANNOTATED CONNECTIONS

((CLOSED 10:48 PM))

(MANUSCRIPT IS SUPPOSED TO BEGIN HERE)

INTRODUCTION XXX DERIVATION OF TERM "FANTICS": TWO USEFUL ROOTS, "FANTEIN," TO SHOW, AND "FANTASTEIN," TO PRESENT TO THE MIND OR EYE. THE LATER WOULD CLEARLY, FROM ITS MEANING, BE THE PREFERABLE ROOT. HOWEVER, THEN THE WORD WOULD BE "FANTASTICS," WHICH WOULD HAVE RATHER THE WRONG MEANING. IT WOULD ALSO TAKE AWAY THE SENSE: HERE I CAN SPEAK OF "A FANTIC SYSTEM" AND MAKE IT MEAN SOMETHING, WHEREAS TO CALL IT A "FANTASTIC SYSTEM," THOUGH PROBABLY TRUE, WOULD CLOUD THE ISSUE AS WELL AS RAISE THE PITCH OF DISCUSSION UNCOMFORTABLY.

SECTION: THE FABULOUS WORLD OF COMPUTER DISPLAY. OR, "TOYS AND JEWELS"

THE THREE BASICS COMPUTERS CAN DO FOR SHOWING: STORAGE, PERFORMANCE, CONTROL (DET ORDER?)

SECTION: HORIZONS FOR SALE SECTION: THE NEW-MEDIA WHIZBANG XXX EMPEROR'S CLOTHES 'MANAGERIAL INFORMATION RETRIEVAL' AS A HOTCHA THING ONLY FOR THE TOP GUYS

NOBODY FORESEES MEDIA IMPACT, AS A RULE XXX MOVIE ANALOGY

REVIEW OF HISTORY TOWARD THIS POINT, REWRITTEN IN MY TERMS. SECTION: THE FANTIC MEDIA TO 1900 SECTION: THE FANTIC MEDIA TO 1950 SECTION: THE FANTIC MEDIA TO 1969 OR 1970 "THE INFORMATION EXPLOSION" "THE KNOWLEDGE INDUSTRY" SYNNOETICS CYBERCULTURE MEDIA BARRAGES MEDIA MESSAGES MCLUAHN'S ONTO IT, EVEN IF HE DOESN'T UNDERSTAND THE TECHNICALITIES. BASIC DISAGREEMENT WITH MCLUHAN: THE GREAT DIFFERENCES AMONG ELECTRONIC MEDIA, AND THE STUPENDOUS DIFFERENCE IT MAKES FRITZ MACHLUP "TEACHING TECHNOLOGY" NELSON'S TIMETABLE CHART OF FALLING PRICES PLAIN HALFTONE SYSTEMS STATIONERY SYSTEMS THE CREATIVITY SYSTEMS OF THE PAST THE RECORD-KEEPING SYSTEMS OF THE PAST

GENERAL DEBUNK-LIST: IR, HUM.FACT., CAT, 'TOP MAN' IR DEBUNK ALSO: DIAGNOSIS BY COMPUTER, AUTOMATIC DICTATION, ARTIFICIAL INTELLIGENCE I DO NOT WANT TO TALK ABOUT A WORLD IN WHICH MACHINES ENTER THE BODY, AT LEAST PROSTHETICALLY OR PHYSIOLOGICALLY OR INNERSATIVELY

SECTION: THE MYTH OF TECHNICALITY

SECTION: NEW MEDIA COMPONENTS HOLOGRAPHY "BRANCHING" AS A WHIZBANG ASPECT OF NEW MEDIA

SECTION: POSSIBLE WORLDS OF VISION AND RESPONSE SUTHERLAND'S STEREO SYSTEM IGNORE CLUMSINESS OF EARLY SYSTEMS. THESE WILL BE AS EASY TO USE AS TV SETS

SECTION: "COMPUTER-ASSISTED INSTRUCTION" XXX TUT-TUTORIAL SYSTEMS THE RADS OF CAT BRICK-WALL ILLUSTRATION THE NATURE OF INTELLIGENCE AND ITS

4

GROWTH THE OPPOSITE AIMS OF TOP AND BOTTOM EDUCATION THE CRITICS OF THE SCHOOLS TODAY THE INSIDE STORY ON PROG. ED.: WE HATE TO DO IT, HATE TO STUDY IT

SECTION: WHAT EDUCATION IS ABOUT ANYWAY XXX SECTION: SLAMMED MINDS XXX THE BIG SECRET: FREE ACCESS TO INTERESTING MATERIALS, CONVERGENT MOTIVATIONAL ENVIRONMENT IS THE KEY

SECTION: "INFORMATION RETRIEVAL" BOOLEAN SYSTEMS: JUST THE BEGINNING OF WHAT THE MIND NEEDS

"HUMAN FACTORS" XXX NARROW CRITERIA OF "HUMAN FACTORS" GENERALLY IRRELEVANT NICELY UNIFIED CONTROLS CONTROLS OF SONY TC-50 CONTROL OF ALL-TERRAIN VEHICLE HELICOPTER HANDLE AIRPLANE "STICK" XXX A CHURCH CAN BE THOUGHT OF AS HUMAN-FACTORS DESIGNED, ANYHOW, IF YOU LET IN ENOUGH VARIABLES

INFD FACILITIES SUPPLEMENTING CREATIVE ENVTS

COMPUTER-CONTROLLED MEDIA SECTION: THE COMPUTER AS MEDIA CONTROLLER

SECTION: HYPER-FANTIC MEDIA OF VARIOUS SORTS

SWELL NEW PRESENTATIONAL MEDIA, ESPECIALLY ALL-AROUND-YOU SOUND, BEAUTIFUL PROJECTION SYSTEM AMUSEMENT PARKS SECTION: THE UNIFICATION OF SONIC AND VISUAL ARTS

EXAMPLE: MOVING-SCREEN LORD OF RINGS

EXAMPLE: HYPERFILM OF WWII

SECTION: THE COMPUTER AS PERFORMER SUPER-AUDIO MACHINE THREE-DIMENSIONAL SCENE STRUCTURES SHIPLOFTING, AIRFRAME, AUTO DESIGN SYSTEMS

MUSIC LIBRARY TO FEED THROUGH MUSIC PERFORMANCE MACHINE

SECTION: STRUCTURED PICTURES

FSM SECTION: FANTASM-TYPE SYSTEMS DESCRIPTION OF GE FSM SYSTEM, UTAH FSM SYSTEM, DENVER FSM SYSTEM, NELSON'S FSM SYSTEM LIBRARY OF FSM 'PERFORMANCES' LIBRARY OF FANTASM CHARACTERS

SECTION: HYPERGRAMS XXX BRAIN PROJECT

CONVERGENT MEDIA VS. MORE ENGINEERING OPPORTUNITIES

SECTION: HYPERTEXT XXX THE TEXT FACILITY: QUEEN OF THEM ALL XXX

SECTION: STRETCHTEXT

SECTION: CONTEXT JUMPS

SECTION: AUTHOR'S SYSTEMS

SECTION: SYSTEMS FOR THINKING WITH DATA

SECTION: TEXT CONTROL SYSTEMS CINENYM

SPATIAL HYPERTEXT ENVIRONMENTS: CHECKERBOARD, CLOUDS (HANGING IN 3-SPACE), SWINGING PAGES IN 3-SPACE

THE VIRTUAL SPACE OF A CONCEPTUAL AND DISPLAY ENVIRONMENT THE MECHANICS OF SPRINGS, LIGHTING & HUSH CAN WE VISUALIZE 4-D CUBE? CAN WE VISUALIZE CALHAMER BOARD? ADDITIONAL DIMENSIONS MORE DIMENSIONS THROUGH COLOR, SMELL AND SOUND MORE DIMENSIONS THROUGH SPRING-LOADING SWOOP FEEL

THE GENERAL-PURPOSE SYSTEM TOWARD WHICH WE ARE MOVING (LINE-DRAWING, MOVING-TEXT)

LIBRARY ARRANGEMENTS FOR ALL DIGITAL MEDIA SECTION: THE ONLY PERMANENT FORM OF STORAGE DIGITAL STORAGE IS PERFECT DIGITAL STORAGE MAY BE SAFEGUARDED DIGITAL STORAGE OF PAINTINGS

ACCOUNTING STRUCTURES THE NATURE OF ACCOUNTING

6

SECTION: THE EASE OF USE

SECTION: THE NATURE OF CATEGORIES

SECTION: THE NATURE OF IDEAS XXX MICKEY MOUSE SECTION:

SECTION: THE NATURE OF THE CREATIVE PROCESS

SECTION: UNITY, STRUCTURE AND FEEL

SECTION: SYSTEMS FOR ALL THESE

SECTION: SOME BASIC QUESTIONS IN THE PSYCHOLOGY OF THOUGHT AND FEELING

INTERPERSONAL ENVIRONMENTS AIR CONTROLLER ENVT HANDSHAKE STRUCTURES

7

SECTION: ART & THE ARTS

SECTION: SCHOLARSHIP EXAMPLE: 4-D DATA STRUCTURE PERMITTING ROMAN
SNAPSHOTS

SECTION: THE DANGERS OF LOSS

SECTION: ON THE PROBLEM OF KEEPING TOO MUCH THE SOUVENIRS OF OUR WORLD
THE US NATIONAL ARCHIVE: 2 BILLION DOX

SECTION: REVIEW OF MY VISION: GRAND LIBRARIES, SWEEPING SYSTEMS, TRUE
EDUCATION, THE PRESERVABILITY OF THE HERITAGE A LIBERAL'S HOPES XXX OUR
MEDIA OF THIS CENTURY: THEIR MISERABLE CONTENT AND YET THEIR COMMON
IMAGERY TO US ALL PROFESSIONALISM, BUREAUCRACY, THE NARROW INITIATIVE-
PATHS TO SUCCESS IN OUR WORLD XXX WHERE THESE PROPHECIES STOP FREEDOM OF
INFORMATION FOR THE CITIZEN FREEDOM FROM CONCRETE POSSESSION OF BOOKS
FREEDOM OF EDUCATION NOTE THE NUMBER OF ROLES IN OUR SOCIETY BUILT AROUND
THE HOARDING OF INFORMATION LIBELING ON THE PRESS NATURE OF THE PRESS:
OWNERSHIP VIEWPOINT, PRESS SUBCULTURE, DOMINATION OF THE AGREED-ON, THE
ANGLE, AND THE SILLY THE DANGER OF SUDDEN ELECTRICAL DESTRUCTION I AM
ASSUMING PEACE, OF COURSE HYPERSYSTEMS FOR EDUCATION IN THE UNDERDEVELOPED
COUNTRIES

2

((APPENDICES))

SECTION: TERMINOLOGY

SECTION: HOW COMPUTER DISPLAYS WORK HOW COMP. DISPLAYS WORK

SECTION: HOW COMPUTERS WORK

SECTION: THE MEANING OF DATA STRUCTURE

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THIS AREA IS FOR LIVE INPUT, IN A PROTOCOL FASHION. THE BOOK GETS PUT TOGETHER IN THE AREA "FCS", AT LEAST FOR TONIGHT. (3 JULY 1969, 10:30 P.M.)

THESE ARE RANDOM INSERTIONS TOWARD THE BOOK __FANTICS. 2 JULY 1969. XXXXX REVIEW OF HISTORY TOWARD THIS POINT, REWRITTEN IN MY TERMS. XXXXX THE GENERAL-PURPOSE SYSTEM TOWARD WHICH WE ARE MOVING (LINE-DRAWING, MOVING-TEXT) XXXXX THE BIG SECRET: FREE ACCESS TO INTERESTING MATERIALS, CONVERGENT MOTIVATIONAL ENVIRONMENT IS THE KEY XXXXX SUTHERLAND'S STEREO SYSTEM XXXXX AMUSEMENT PARKS XXXXX

SECTION: TERMINOLOGY SECTION: HOW COMPUTER DISPLAYS WORK SECTION: HOW COMPUTERS WORK INTRODUCTION SECTION: THE MYTH OF TECHNICALITY SECTION: THE FABULOUS WORLD OF COMPUTER DISPLAY. OR, "TOYS AND JEWELS" SECTION: SOME BASIC QUESTIONS IN THE PSYCHOLOGY OF THOUGHT AND FEELING SECTION: "COMPUTER-ASSISTED INSTRUCTION" SECTION: "INFORMATION RETRIEVAL"

SECTION: POSSIBLE WORLDS OF VISION AND RESPONSE SECTION: WHAT EDUCATION IS ABOUT ANYWAY SECTION: HYPERTEXT SECTION: STRETCHTEXT SECTION: HYPERGRAMS SECTION: CONTEXT JUMPS SECTION: AUTHOR'S SYSTEMS SECTION: THE EASE OF USE SECTION: THE NATURE OF CATEGORIES SECTION: THE NATURE OF IDEAS SECTION: THE NATURE OF THE CREATIVE PROCESS SECTION: SYSTEMS FOR ALL THESE SECTION: SYSTEMS FOR THINKING WITH DATA SECTION: THE DANGERS OF LOSS SECTION: ON THE PROBLEM OF KEEPING TOO MUCH SECTION: A LIBERAL'S HOPES

SECTION: SLAMMED MINDS SECTION: THE UNIFICATION OF SONIC AND VISUAL ARTS SECTION: UNITY, STRUCTURE AND FEEL NELSON'S TIMETABLE WHERE THESE PROPHECIES STOP MOVIE ANALOGY EMPEROR'S CLOTHES BOOLEAN SYSTEMS: JUST THE BEGINNING OF WHAT THE MIND NEEDS TUT-TUTORIAL SYSTEMS THE RACS OF CAI BRICK-WALL ILLUSTRATION

"THE INFORMATION EXPLOSION" "THE KNOWLEDGE INDUSTRY" SYNNOETICS CYBER-CULTURE MEDIA BARRAGES MEDIA BARRAGES MCLUHAN'S ONTO IT, EVEN IF HE DOESN'T UNDERSTAND THE TECHNICALITIES. BASIC DISAGREEMENT WITH MCLUHAN: THE GREAT DIFFERENCES AMONG ELECTRONIC MEDIA, AND THE STUPENDOUS DIFFERENCE IT MAKES FRITZ MACHLUP "TEACHING TECHNOLOGY" THE INSIDE STORY ON PROG. ED.: WE HATE TO DO IT, HATE TO STUDY IT DERIVATION OF TERM "FANTICS": TWO USEFUL ROOTS, "FANEIN," TO SHOW, AND "FANTASTEIN," TO

PRESENT TO THE MIND OR EYE. THE LATTER WOULD CLEARLY, FROM ITS MEANING, BE THE PREFERABLE ROOT. HOWEVER, THEN THE WORD WOULD BE "FANTASTICS," WHICH WOULD HAVE RATHER THE WRONG MEANING. IT WOULD ALSO TAKE AWAY THE SENSE: HERE I CAN SPEAK OF "A FANTIC SYSTEM" AND MAKE IT MEAN SOMETHING, WHEREAS TO CALL IT A "FANTASTIC SYSTEM," THOUGH PROBABLY TRUE, WOULD CLOUD THE ISSUE AS WELL AS RAISE THE PITCH OF DISCUSSION UNCOMFORTABLY.

((((I GOT THIS FAR BY 12 P.M.: ONE AND A HALF HOURS ON THE MACHINE.))))

SPATIAL HYPERTEXT ENVIRONMENTS: CHECKERBOARD, CLOUDS (HANGING IN 3-SPACE), SWINGING PAGES IN 3-SPACE IGNORE CLUMSINESS OF EARLY SYSTEMS. THESE WILL BE AS EASY TO USE AS TV SETS THE TEXT FACILITY: QUEEN OF THEM ALL PROFESSIONALISM, BUREAUCRACY, THE NARROW INITIATIVE-PATHS TO SUCCESS IN OUR WORLD MICKEY MOUSE BRAIN PROJECT SUPER-AUDIO MACHINE CINENYM "HUMAN FACTORS" XXX NARROW CRITERIA OF "HUMAN FACTORS" GENERALLY IRRELEVANT XXX A CHURCH CAN BE THOUGHT OF AS HUMAN-FACTORS DESIGNED, ANYHOW, IF YOU LET IN ENOUGH VARIABLES AWESOME ARCHITECTURE SWELL NEW PRESENTATIONAL MEDIA, ESPECIALLY ALL-AROUND-YOU SOUND XXSOUND, BEAUTIFUL PROJECTION SYSTEMS HOLOGRAPHY SECTION: THE NEW-MEDIA WHIZBANG XXX "BRANCHING" AS A WHIZBANG ASPECT OF NEW MEDIA

----- (TUESDAY 8 JULY, 12 PM)

SECTION: HORIZONS FOR SALE EXAMPLE: FLIPTYCH EXAMPLE: MOVING-SCREEN LORD OF RINGS EXAMPLE: HYPERFILM OF WWII SECTION: ART & THE ARTS SECTION: SCHOLARSHIP EXAMPLE: 4-D DATA STRUCTURE PERMITTING ROMAN SNAPSHOTS SECTION: NEW MEDIA COMPONENTS SECTION: THE FANTIC MEDIA TO 1900 SECTION: THE FANTIC MEDIA TO 1950 SECTION: THE FANTIC MEDIA TO 1969 OR 1970 SECTION: THE MEANING OF DATA STRUCTURE SECTION: TEXT CONTROL SYSTEMS

SECTION: THE COMPUTER AS MEDIA CONTROLLER NOBODY FORESEES MEDIA IMPACT, AS A RULE SECTION: HYPER-FANTIC MEDIA OF VARIOUS SORTS SECTION: COMPUTER-CONTROLLED MEDIA NICELY UNIFIED CONTROLS CONTROLS OF SONY TC-50 CONTROL OF ALL-TERRAIN VEHICLE HELICOPTER HANDLE AIRPLANE "STICK" SECTION: THE COMPUTER AS PERFORMER SECTION: THE ONLY PERMANENT FORM OF STORAGE SECTION: FANTASM-TYPE SYSTEMS SECTION: STRUCTURED PICTURES DIGITAL STORAGE IS PERFECT DIGITAL STORAGE MAY BE SAFEGUARDED DIGITAL STORAGE OF PAINTINGS

((INPUT OF 10 JULY 1969. JUST STARTING PRODUCTIVE WORK AT MIDNIGHT, AND I'M EXHAUSTED.))

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HOW COMP. DISPLAYS WORK AIR CONTROLLER ENVT HANDSHAKE STRUCTURES ACCOUNTING STRUCTURES THE NATURE OF ACCOUNTING THE VIRTUAL SPACE OF A CONCEPTUAL AND DISPLAY ENVIRONMENT 'MANAGERIAL INFORMATION RETRIEVAL' AS A HOTCHA THING ONLY FOR THE TOP GUYS PATIENT RECORDS ONLINE CLERICAL IR (ANOTHER NARROW VISION) FREEDOM OF INFORMATION FOR THE CITIZEN FREEDOM FROM CONCRETE POSSESSION OF BOOKS FREEDOM OF EDUCATION NOTE THE NUMBER OF ROLES IN OUR SOCIETY BUILT AROUND THE HOARDING OF INFORMATION LIEBLING ON THE PRESS NATURE OF THE PRESS: OWNERSHIP VIEWPOINT, PRESS SUBCULTURE, DOMINATION OF THE AGREED-ON, THE ANGLE, AND THE SILLY THE NATURE OF INTELLIGENCE AND ITS GROWTH THE OPPOSITE AIMS OF TOP AND BOTTOM EDUCATION THE CRITICS OF THE SCHOOLS TODAY OUR MEDIA OF THIS CENTURY: THEIR MISERABLE CONTENT AND YET THEIR COMMON IMAGERY TO US ALL PLAIN HALFTONE SYSTEMS THREE-DIMENSIONAL SCENE STRUCTURES SHIPLOFTING, AIRFRAME, AUTO DESIGN SYSTEMS STATIONERY SYSTEMS THE CREATIVITY SYSTEMS OF THE PAST THE RECORD-KEEPING SYSTEMS OF THE PAST THE SOUVENIRS OF OUR WORLD THE US NATIONAL ARCHIVE: 2 BILLION DOX

----- ((1 AM 10 JULY)) GENERAL DEBUNK-LIST:
IR, HUM.FACT., CAI, 'TOP MAN' IR DEBUNK ALSO: DIAGNOSIS BY COMPUTER, AUTOMATIC DICTATION, ARTIFICIAL INTELLIGENCE I DO NOT WANT TO TALK ABOUT A WORLD IN WHICH MACHINES ENTER THE BODY, AT LEAST PROSTHETICALLY OR PHYSIOLOGICALLY OR INNERVATIVELY THE THREE BASICS COMPUTERS CAN DO FOR SHOWING: STORAGE, PERFORMANCE, CONTROL (DFT ORDER?) MUSIC LIBRARY TO FEED THROUGH MUSIC PERFORMANCE MACHINE INTERPERSONAL ENVIRONMENTS LIBRARY ARRANGEMENTS FOR ALL DIGITAL MEDIA CHART OF FALLING PRICES FSM DESCRIPTION OF GE FSM SYSTEM, UTAH FSM SYSTEM, DENVER FSM SYSTEM, NELSON'S FSM SYSTEM LIBRARY OF FSM 'PERFORMANCES' LIBRARY OF FANTASM CHARACTERS

----- ((1:40 AM 10 JULY))

INFO FACILITIES SUPPLEMENTING CREATIVE ENVTs THE MECHANICS OF SPRINGS, LIGHTING & HUSH SWOOP FEEL CAN WE VISUALIZE 4-D CUBE? CAN WE VISUALIZE CALHAMER BOARD? ADDITIONAL DIMENSIONS MORE DIMENSIONS THROUGH COLOR, SMELL AND SOUND MORE DIMENSIONS THROUGH SPRING-LOADING REVIEW OF MY VISION: GRAND LIBRARIES, SWOOPING SYSTEMS, TRUE EDUCATION, THE PRESERVABILITY OF THE HERITAGE INCOME-TAX HELP SYSTEM (ALTERNATIVES) CONVERGENT MEDIA VS. MERE ENGINEERING OPPORTUNITIES

----- ((1:48 AM 10 JULY))

HYPER-COMICS HYPER-POETRY THE DANGER OF SUDDEN ELECTRICAL DESTRUCTION I AM ASSUMING PEACE, OF COURSE HYPERSYSTEMS FOR EDUCATION IN THE UNDERDEVELOPED COUNTRIES THE SCATTERED CONSUMPTION OF SYSTEMS IN HOMES-- NOW TO BE UNIFIED CASSETTE-CAMERA TIMETABLE FOR INTRODUCTION OF COMPUTER DISPLAYS IN HOMES TRUE ACCESS TO NEWS THROUGH HYPERTEXT SYSTEMS TODAY'S ROCK MUSIC LIGHT SHOWS "MULTI-MEDIA"

(18:20 PM FRI 11 JULY)

OL: DIGITAL CONTROL, COMP DISP., DIG. LIBRARIES 3-D 'TANK' RESPONSE
QUALITIES MACHINES MUST NOT MAKE DECISIONS FAKE SCIENTIFIC VOTING-
DISTRICTS WE MUST JOYLY WELL UNDERSTAND THE DECISIONS WITH WHICH MACHINES
ARE ENTRUSTED WHAT IS A MEDIUM? VIABILITY OF MEDIUM IN SOCIETY WHAT IS A
MEDIUM? VIABILITY OF MEDIUM IN SOCIETY CONCEPTUAL UNITY OF MEDIUM
COMPONENTS COUPLED EVERY WHICH WAY NOW ELECTRICAL COUPLING OF COMPONENTS
CONCRETE PHYSICAL COUPLING OF COMPONENTS MUSEUMS & FAIRS NOT GL. COMPU-
TERS BUT SPECIAL INDUCTIVE & AXIOMATIC CREATION EXPOSITORY STRUCTURES
BREAKING EXPOSITORY STRUCTURES THE NATURE OF WRITING THE NATURE OF IDEAS
IDEAS AS ANNOTATED CONNECTIONS

((CLOSED 10:48 PM))

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COMPLIMENTS OF THE

HYPERTEXT EDITING SYSTEM

CENTER FOR

COMPUTER & INFORMATION SCIENCES

BROWN UNIVERSITY

PROVIDENCE, RHODE ISLAND

11 JULY, 1969

