

UNTH ORL



~~AAA~~

Operators

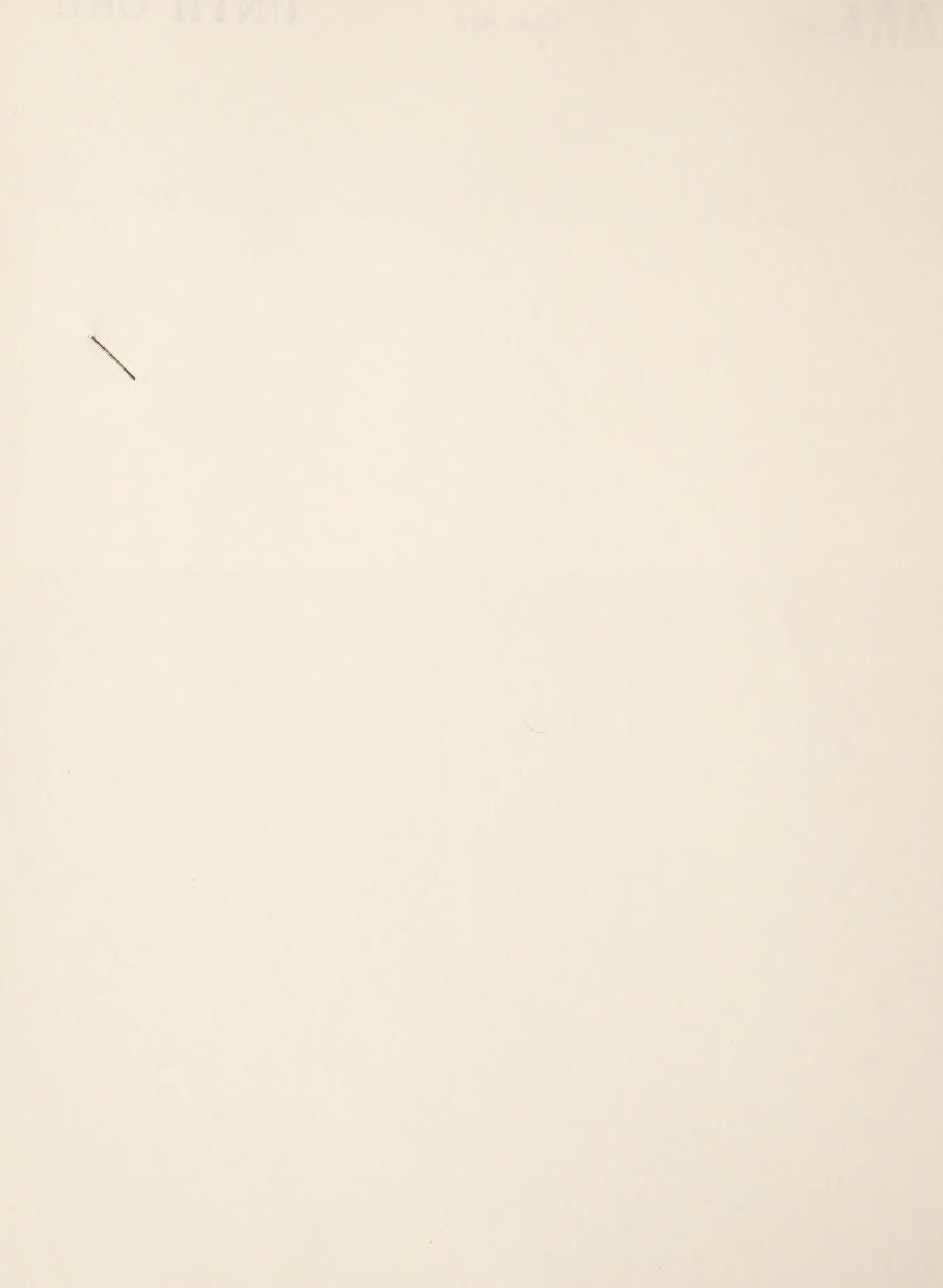
UNTH ORL

0846<sup>UNTH</sup>  
Operators.

Time was when  
'longhair music'  
met 'classical'

Hippy girl joke  
'Pad' joke

2337



AR

LIST TO DEMOLISH:

Syst. C<sub>4</sub> usi  
Excitement



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<https://archive.org/details/unthorl00tedn>

## PUBLIC INVOLVEMENT

I  
A

0079

I hope to  
sophisticate you  
in certain ways.

2369

persons who try to  
mislead us  
I know what ...

0065

~~(Tech not revolution)~~

2361

As a designer & a  
promoter of  
such systems,  
you might suppose  
that ~~now~~ my authority  
would be not to  
give the game away ...

~~(CN 2379)~~  
0089

We Need Technosophers

9

0134

The myth of the Two Cultures

is a ghastly hoax

which has suffocated  
sophisticated public criticism  
& things and systems

2410



UNTH

BASIC IDEAS of the technologies  
 are very simple  
 and anybody who  
 tells you different  
 must have a reason.

2340  
~~2435~~

UNTH

2432

~~the~~  
 Idea of 'Technology'  
 as 'magic'  
 rather than + rich  
 but unreliable  
 too cheap.

(Recent TV show:

"Using technology  
 [these researchers...]"

ЛЮБИМУ

0044

NARROW VISIONS  
 in which, already,  
 Ph.D. programs are being  
 set up.

22  
23

0134

The public is learning  
 to criticize  
 automobiles & automobilities,  
 highway construction  
 & urban renewal  
 (there are absurd  
 and inhuman have  
 hidden behind  
 supposedly technical exterior)  
 → When people begin to realize  
 that ~~any~~ system is open  
 to criticism, then.

UNTH

What's needed is for people to be  
 turned loose with the media,  
 and see what they invent!

The equipment is bottled up  
 in committee.

2340  
~~2435~~



0133

'Brett' and the Best'

(Art & Technology)  
The Machine

2408

0112

CLASSICAL ANTI PATHY BETWEEN  
ART & SCIENCE —

2399

'the virgin and the dyke'  
C.P.Snow's Two Cultures



TUNTH

Intellectuals and liberals  
cannot by their ideological  
stance hate my ethnic  
group.

2442  
2442

It is the present ideology  
of the educated,  
\* that nothing which is  
human can be  
evil b.d. [By definition]

Therefore who do we hate? )

→ + SCREEN OFF  
NOT FOUND.

The machine

all find we project on the machine  
all the bad things we don't like about people.



0022

'Depersonalization'

→ strange kind of art  
left over from the 80's— → very few organizations,  
like the phone co.  
& the ~~govt.~~  
really represent it.

0021

The proper symbol is not

with ~~wires~~ (→ pocket, → pocket, → pocket) of ~~repetitive~~  
press or the car wash,  
but the electric guitar

0014

— at 'spectral sound'  
just & recraftable  
and total control...

007y

Radio ad =

232

'the sound

of  
electronics'



0137

Horrible stereotype:

'System' = Rigidity.

Ridiculous. Whole point

& system is to  
do what you want done.

2414

0138

Systems Analysis:

Getting as much  
of what you want  
as possible  
from what you are  
willing to give

2415

Applies +s much  
to art as  
submarine chasers.

—

—

UNTH

Is a telephone  
impersonal?

No!  
A telephone  
operator  
is impersonal!

2441

~~Can a machine be conscious?~~  
What would Wittgenstein say?  
the word 'conscious' is a  
word that can be applied only  
to humans. It can't be applied only  
to animals. Can a dog  
be conscious? Why a computer?



UNTH

↓ have never heard + typewriter  
denounced.

439

0075

Just because the Nazis used  
typewriters ~~in~~ in  
"the running" of their  
death camps, \* we don't  
abolish Typewriters.

2368  
22

Similarly, just because computers  
make occasional grain calculations  
of war, ~~there~~ is no reason  
to spite them with it  
comes to our uses of  
art and life.

Or, as either Martin Luther  
or General Booth once said,  
'Why should the devil have  
all the best tunes?'



7  
0120

I have the greatest  
love and respect 2402  
for the human mind  
and its capacity  
to create &  
organize ideas.

I have never left  
of a machine system  
for this that was  
worth & down.

0121 All the systems I ~~begin~~<sup>02</sup>  
get mixed up in, have 2402  
therefore, as their purpose the  
execution and glorification  
of character, & knowledge  
of man, less & knowledge of  
the effect of  
of their consequences.

/

:

/

0037

Some terms which suggest the difference  
 to have in mind:  
 OPEN  
 ENRICHING

2  
3  
3  
2

But I ~~said~~ mean:

REPRESENTING THOUGHTS CORRECTLY  
 HELPING TO CLARIFY THOUGHT  
 PROMOTING HUMAN ENTHUSIASM &  
 INVOLVEMENT & PERSONALISATION

PROMOTING BREADTH OF  
 UNDERSTANDING,  
 AS WELL AS SIMPLE SKILLS

**IN ALL COMPLEXITY**

★ 0115

By idea:  
 under

HUMAN CONTROL

W/R  
 COMPUTER MEDIATION?

[-Egon Baecher]

2399

but we'll  
 get to that



1  
C

14  
UNPRED.  
H. ORI

THE MOST EXTREMITY OF THE DESIGNED MACHINE:

in

2441

Date:

PROJECTIONS

COMPUTER

- seeing to

it speeds of

~~of one's own world,  
one's fears in the world~~

|

|

0080

Exaggerated public notion  
of what computers are

70  
63  
22

'giant brains'  
super-snoopers

0108

→ 'Starling review' mentality: computers  
punch cards, inhuman, Nazis, rapists

76  
33

0080

(New focus for censorship, too)

—

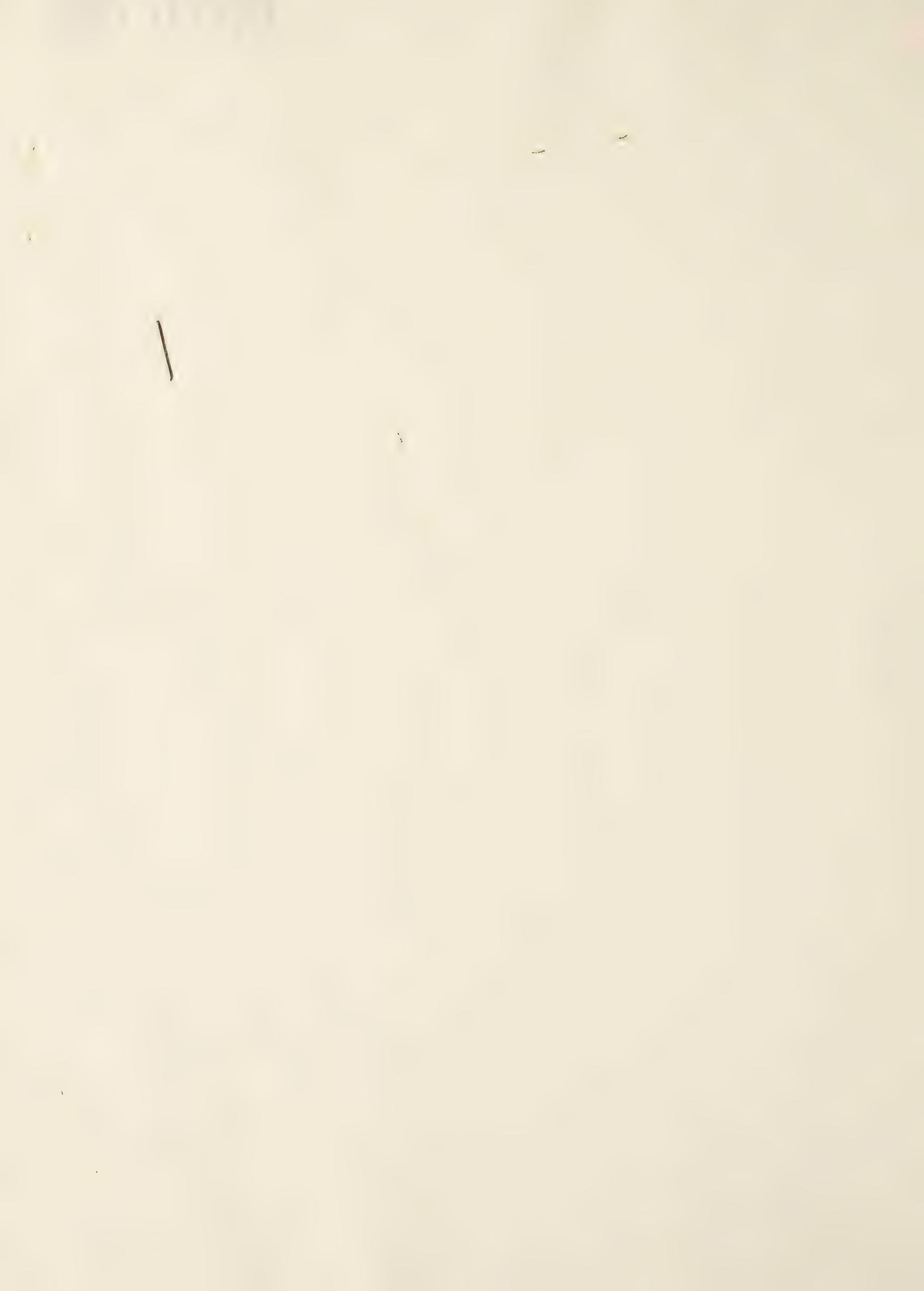
—

—

V&amp;H

2441

Chapters are  
rigid & Host  
minded —  
say! That's a  
projection of  
the personality  
that have been  
monopolized by



UNTH

\* NUMBER OF  
APPLYING FIELDS

ARE EXPANDED

2441

AS INTRODUCTORY-

RAGS ABOUT

COMPUTERS.

- \* NUMERICAL → 
- \* BINARY → DISCRETE
- \* STUPID → DELIVERED
- \* RUDIMENTARY
- \* LOGICAL → COMPUTERS
- \* DEMANDS → EXACTS

They'll have to conform

but then so will  
the tank of water

0111

0073

'It will only do what you tell it'  
 - not quite right because  
 & the "impossible" is possible  
 & nothing impossible.



SINGLE DOS/BN 13.0  
 TURS at 70 to 100  
 to best 23.3  
 for

~~info feed~~  
~~info feeding~~  
~~& info~~  
~~& control~~  
~~computer~~

etc

UNTH

'the information appliance'

0070

'All purpose machine'

0093

Computer is unique among machines -  
 the COMPLETELY GENERAL  
 PLAN FOLLOWER -

361

0024

→ Most general control box  
 interconnection machine 00  
 set-up decision effector 02  
 info feeder 03



0071

Computer  
→ blank machine,

2<sup>oo</sup>

without a harder —

programmes ref &

the function of workers

→ computer controlled,

'the <sup>voice</sup> 1930 aspect'  
Computer prospect

0070

— a change

program → which  
written by which  
anytime what

can be reduced  
to a series of steps.

#

/

/

UNTH ORL 20

0098  
TODAY  
ESP.  
DISCUSS

Computer as  
REPOSITORY  
of  
EXHIBITOR

2391



UNTH

Sorry we picture of computer-  
Today  $\rightarrow$  <sup>small</sup> ~~computer~~  
looks like a driver  
or maybe  $\rightarrow$  ~~closet~~  
with  $\approx$  few twinkly lights.

2439

1

1

5  
Strange stuff in the press about what  
computer can do.

0076 Whenever you hear  
the word  
'computer,'  
substitute the word  
'typewriter.' That  
will give you a  
series of its  
informal significances  
in the after.

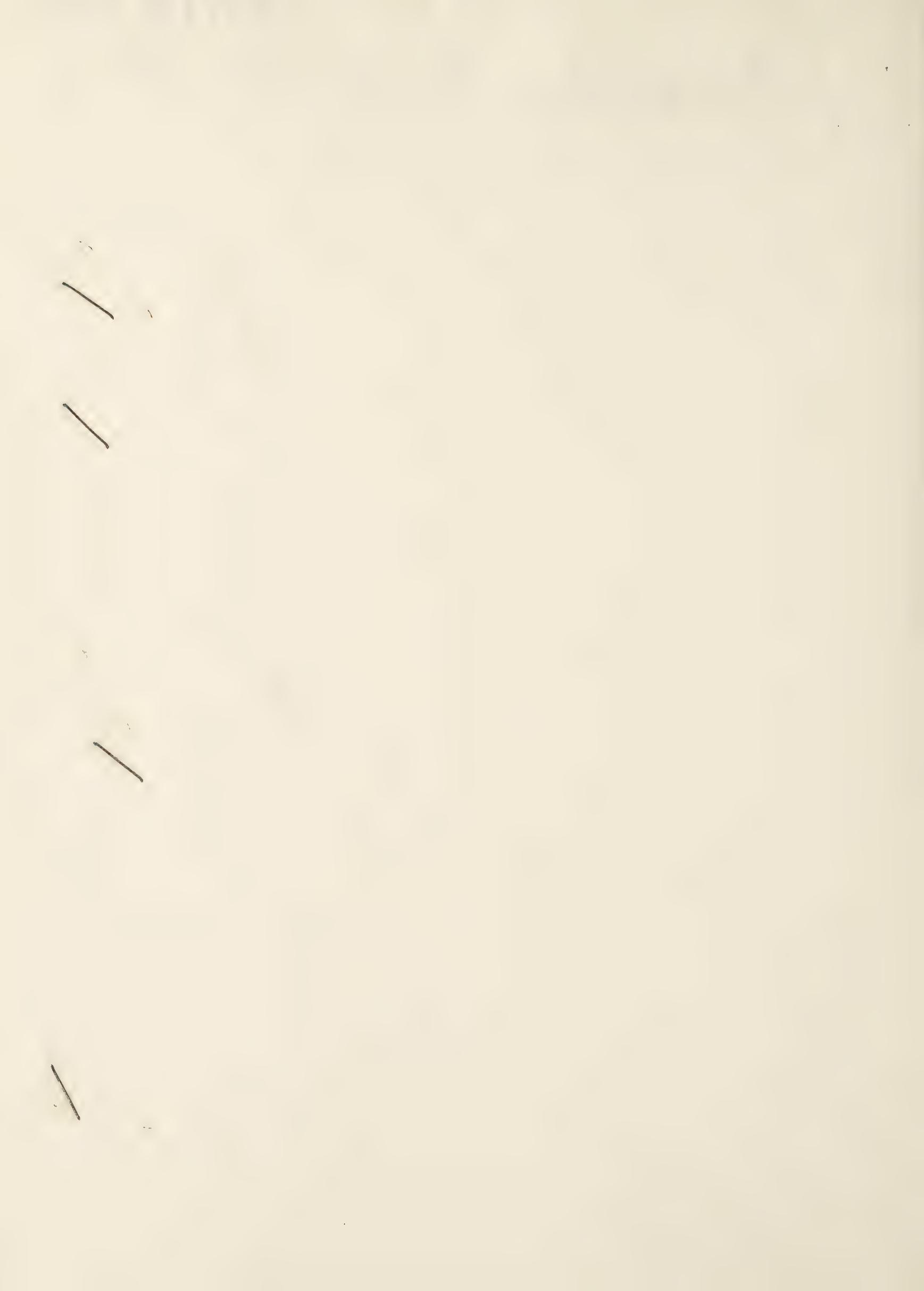
7

~~UNTH~~  
0077 c/t + 2

Under discussion. 8

Cn + typewriter  
write = great  
love?

Cn + typewriter  
write = poor.  
Cn = Typer-ist



0129 UNTH  
Z?

write 2

medicgl report?

The answer to all

of these is yes -

but you left

something out.

2406

Just as there are  
many things you  
cannot do without  
typewriters, there are  
many things you  
cannot do without  
computers, but that  
doesn't mean the  
computer, or the  
typewriter, is loss.

33  
22

0077

0129 The control mechanism -  
for the typewriter, the  
typist; for the computer,  
a program. And each  
is part of a system.

—

—

—

0078

The approaches, suppose,  
expl. & reuses

2nd structural ~~de~~ decisions  
des. gr.

of the system  
are the important  
things.

Those were put there by somebody.  
The computer is only an accessory.

0072

#  
What computers can do'  
— but systems programmed  
for computers.

E.S.

Matthews' music program,  
Greenblatt's chess program,  
Sutherland's Sketchpad system,  
Neider's fontgen.

System generally take on  
personality traits of designers.  
Sketchpad is elegant,  
Rogment (W) is soft-hearted & sloppy.

1

1

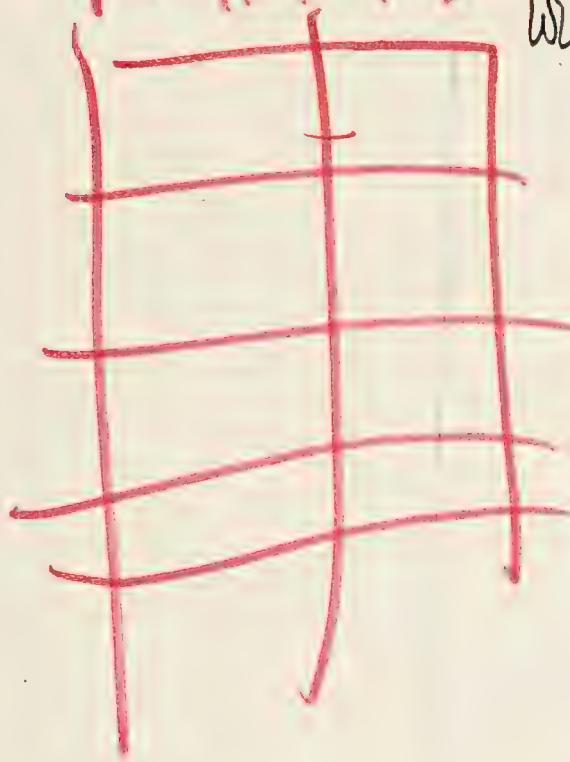
1

1

1

0.32

## Bundled slides



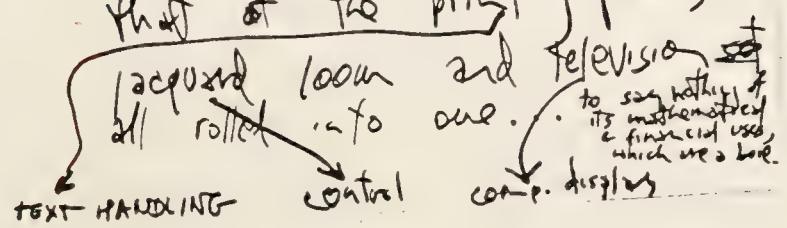
[Copy w/ loc/cos]  
programs can be built out of  
other programs.

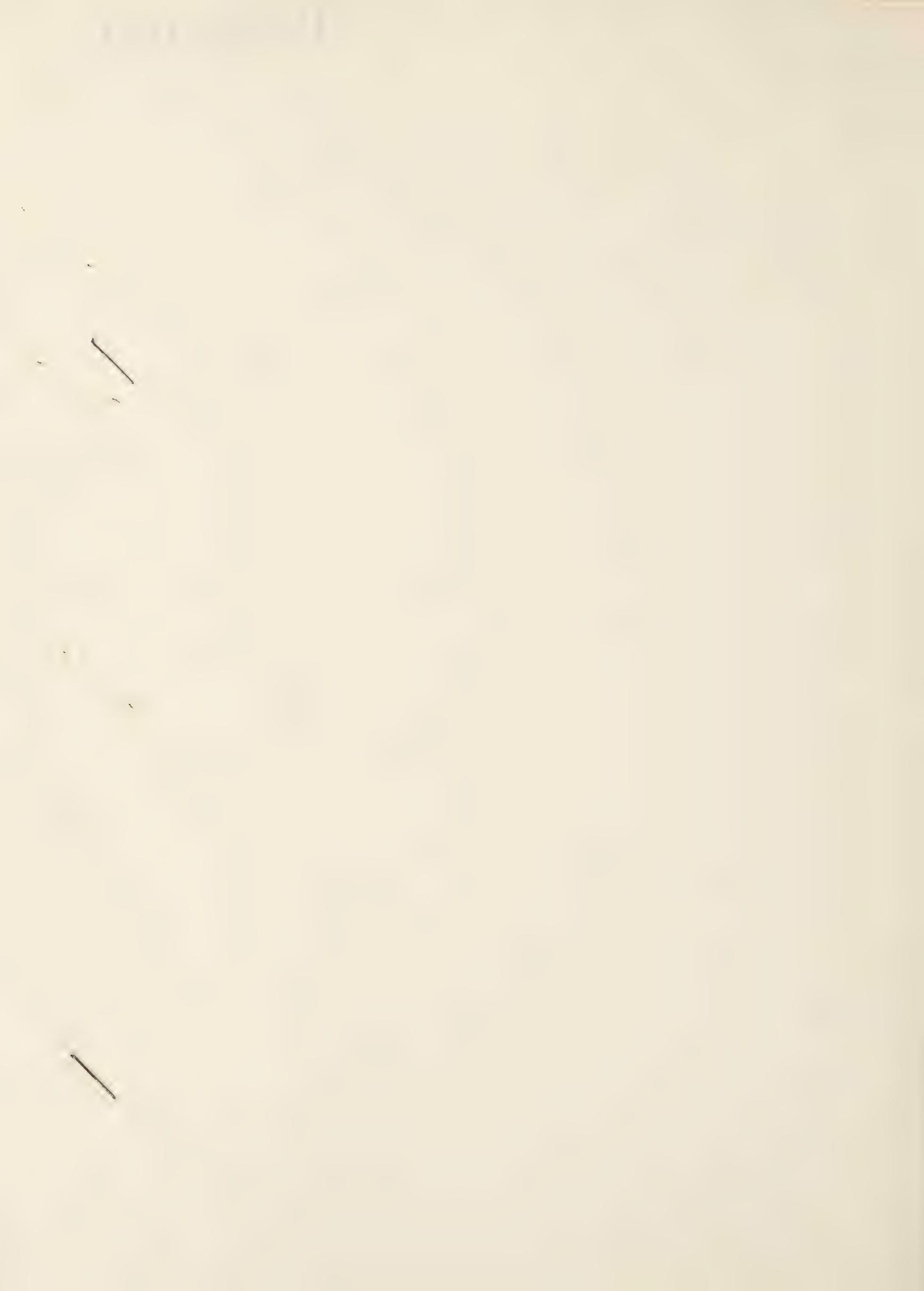
When you have a lot of  
small programs and they  
can be put together  
and piled up in different  
ways, it's called a bundle.

There are thousands of  
computer programs, each  
with its own purposes,  
uses, advantages & disadvantages.  
Learning a computer  
like learning the rules of  
a complicated game — they're  
all different, but with practice  
you can play them more easily.

£0089

There is not one  
computer field but a hundred.  
The invention of the computer  
is as important as  
that of the printing press,





# PUBLIC INVOLVEMENT II

26

UNTH ORL

(~~0089~~)  
0089

Nowhere has the divide  
between the two cultures  
gone so far as in the public  
ignorance of computers.

17  
33  
2

0108

HUMANISTS, INTELLECTUALS & THE PUBLIC-MINDED  
~~are~~ have abdicated possible involvement  
with the computer.

0122

the purpose of  
pioneering of

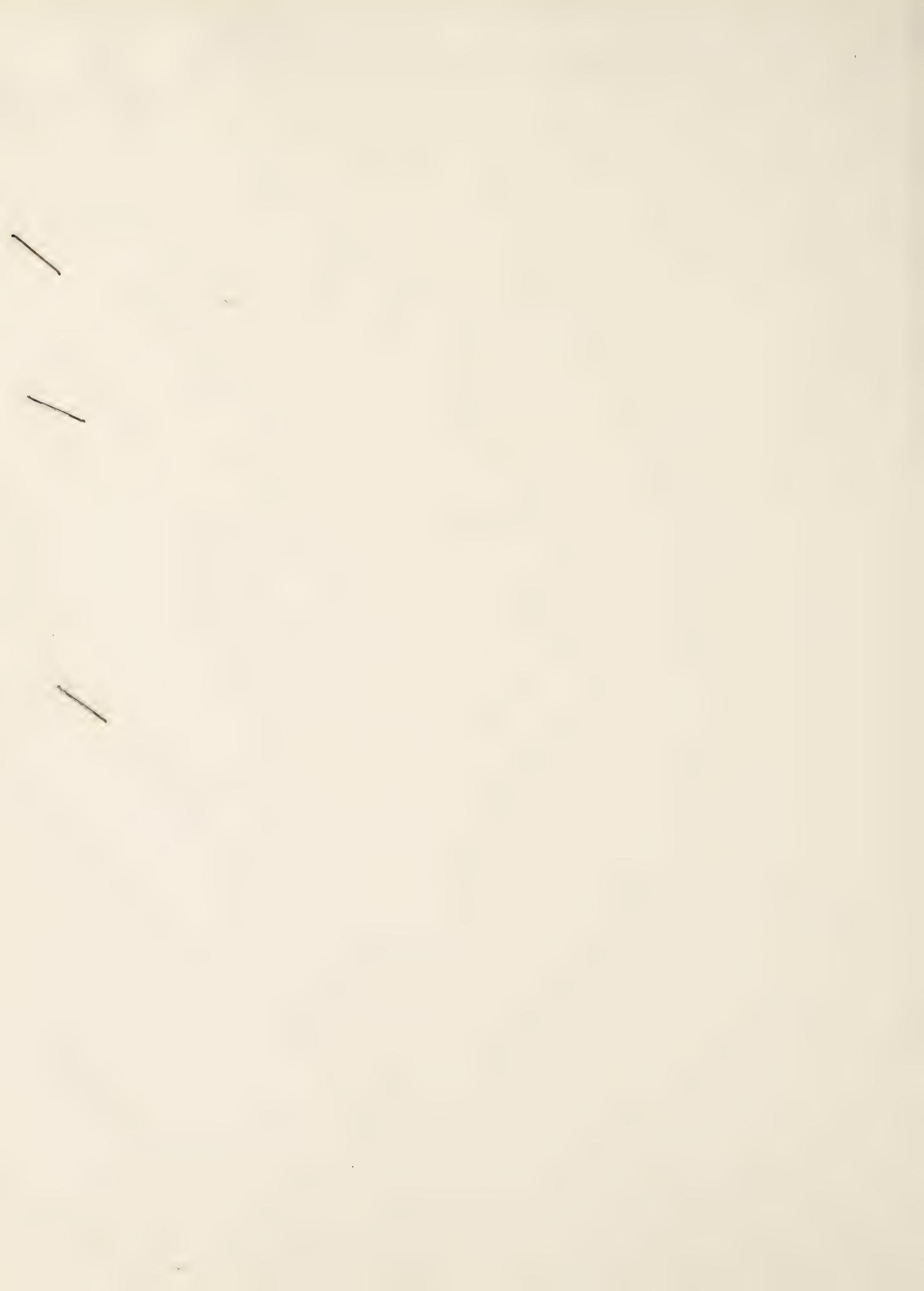
2402

Computer systems

can be

understood!

People must learn  
or continue to do  
this or



UNTH

I want you good people  
 To know who your  
 friends are.  
 Your friends are the computers.  
The computers' bosses  
are the other matter.

2441

0139

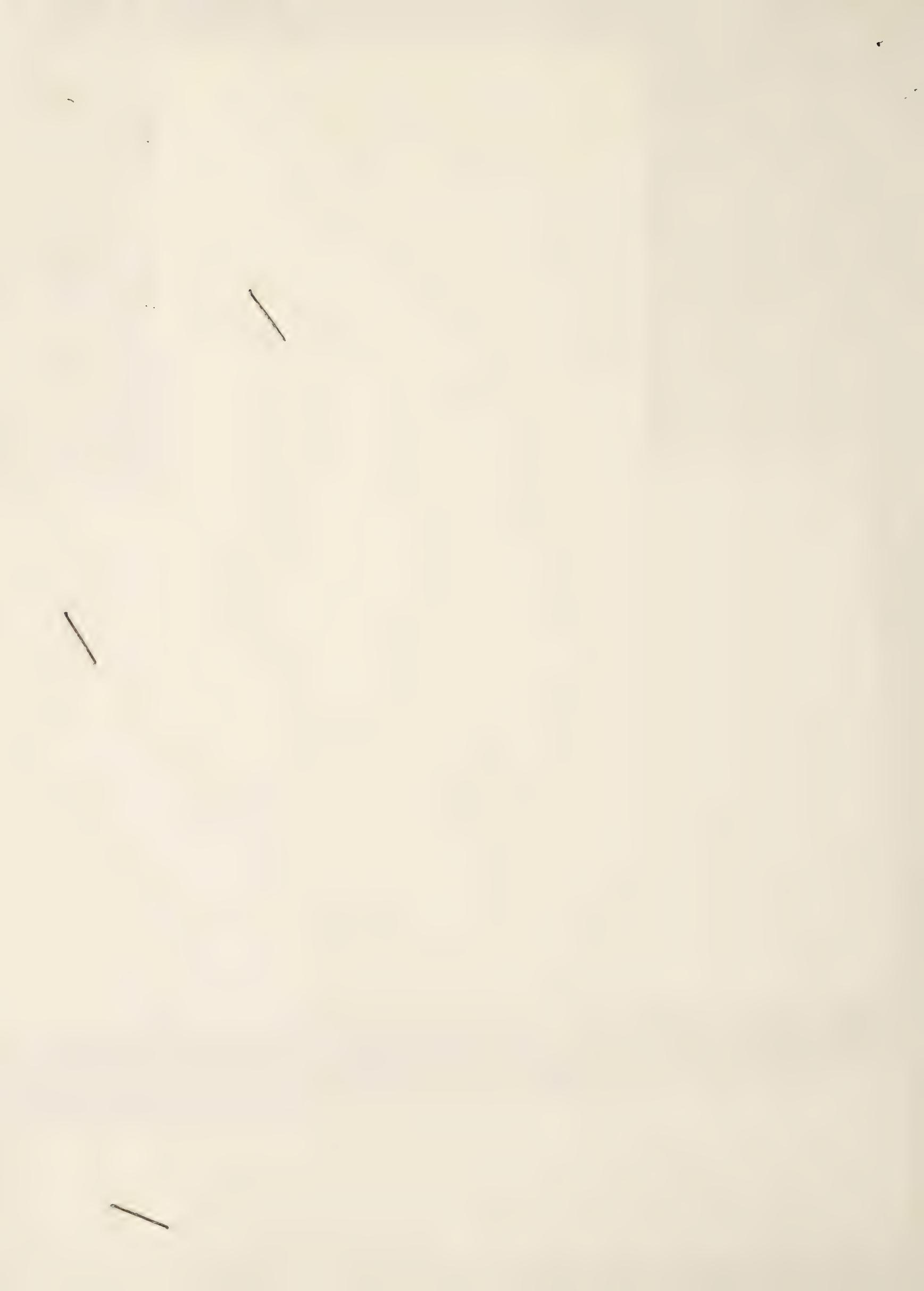
Why I want you to know:

- 1) You ought to know;
- 2) I want people to be  
 as conf. (conf.) sure  
 of the possibilities of  
 computer systems,  
 as they are today  
 in automobile eng.  
 and urban road sys.  
 The GRND possibilities  
 are options people going

2415

0108

(→ We need a Ralph Nader in the  
 computing field already). But we  
 couldn't get one in the automotive  
 field till everybody ~~was~~ knew how to  
 drive.)



6108

NOW IS THE TIME for you to find out  
what's in the machine  
DECIDE THE INFO STRUCTURE }  
DESIGN THE DISPLAYS } for your field

0108

You HAVE NO CHOICE  
If you don't do it, ~~the big manufacturer~~  
for you, and five years  
from now you'll find out  
you don't like it at all

—

—

0107

Give examples of  
PEOPLE WHO WANT TO  
DO THEIR THING  
ON A COMPUTER.

2397

e.g. the rug gal.  
sutherland  
etc / NFB work.

BT: the DEAD WOOD  
DEAD WEIGHT  
DEAD HAND  
in the comp. organizing  
in revolutions.



0094

FANTIC off

2387

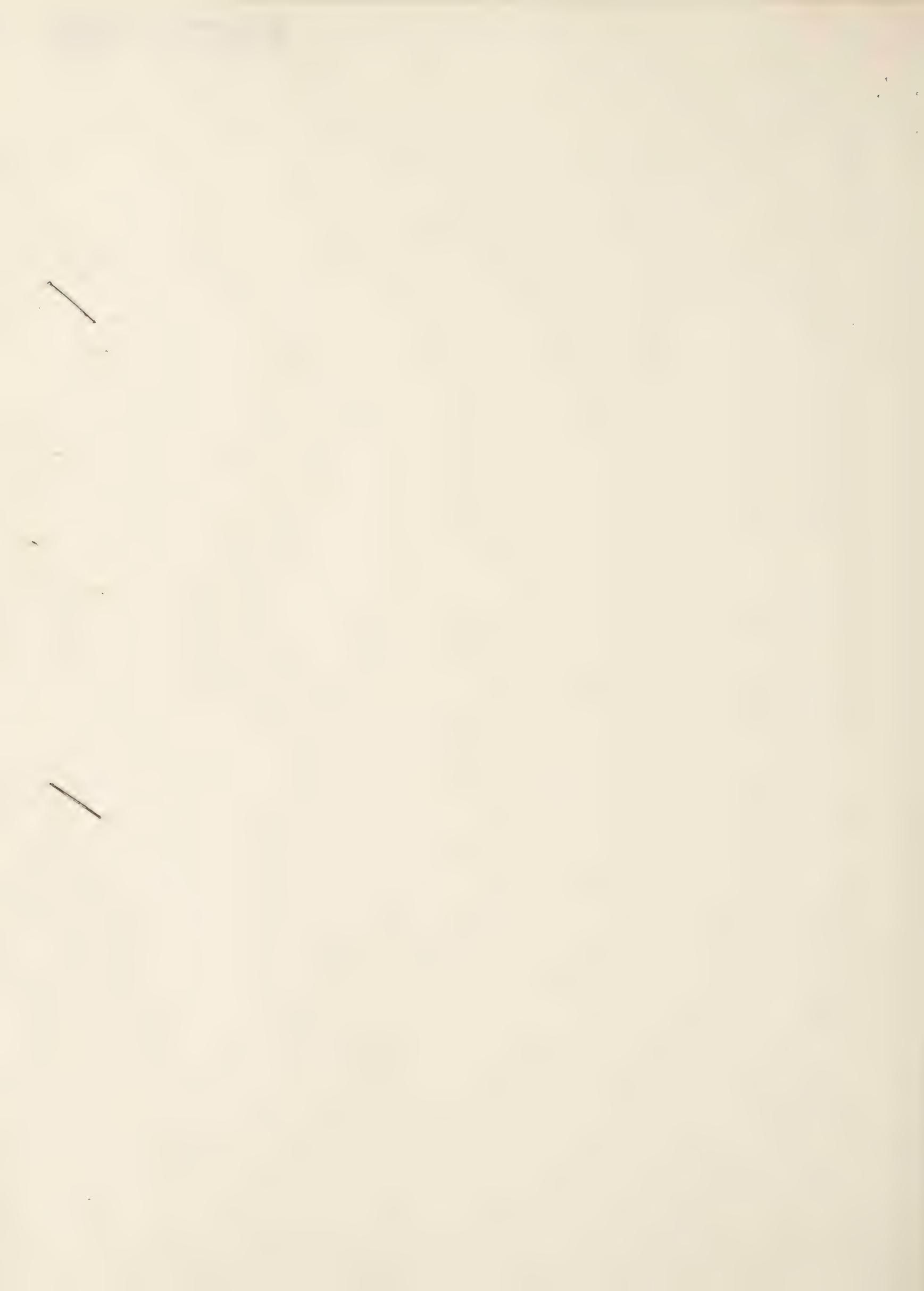
Information/Presentation  
Systems.

(in combination)

0101  
[A]

The properties-  
IMPACT  
PRESENTATIONAL  
QUALITIES  
EDITORIAL PROPERTIES  
FEEL (response)

2392

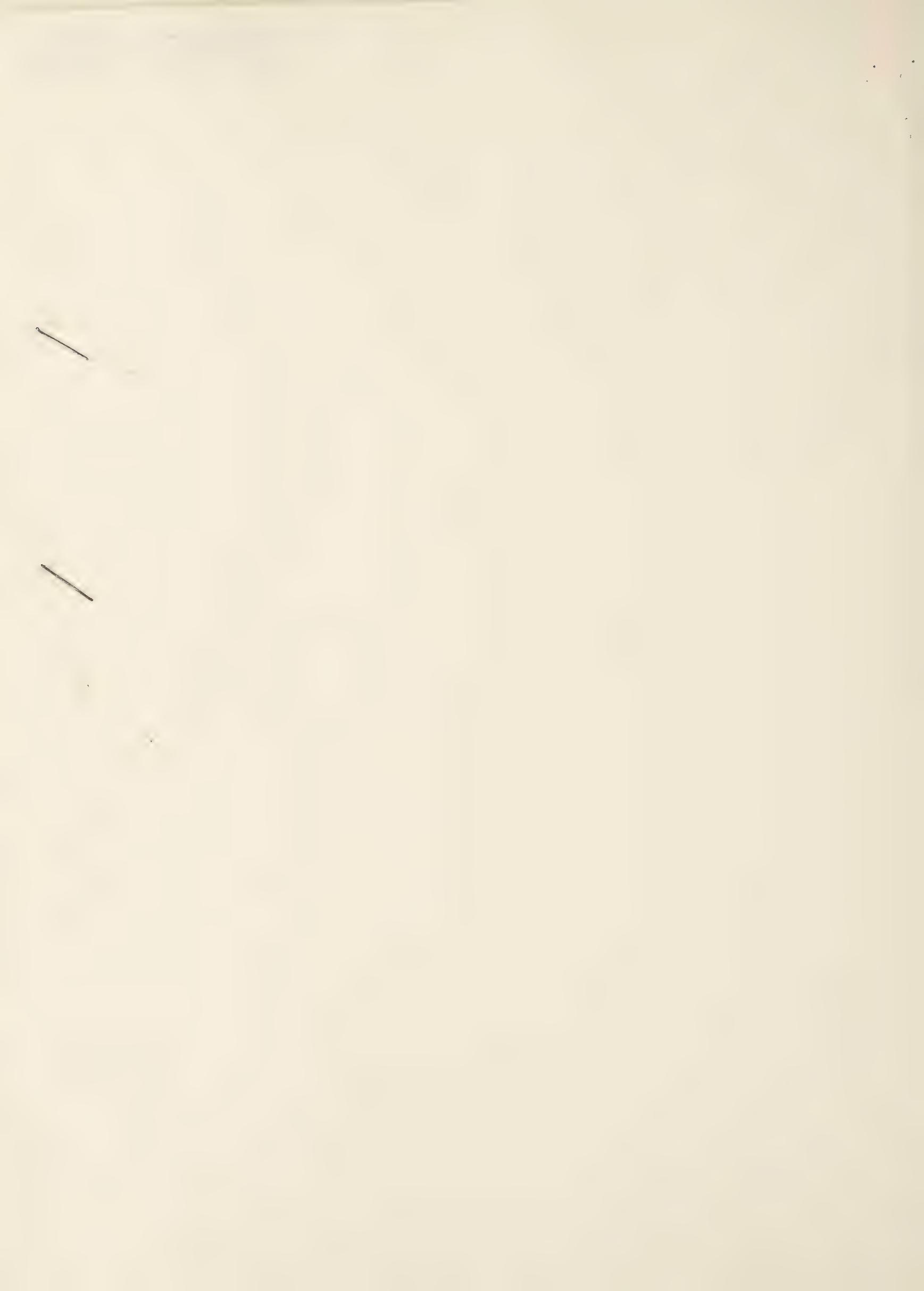


0130

'Fantasies'

2406

- It's don't think there are any scientific principles in this field.
- Or if they are, they deal with the impact of what is seen upon the ~~senses~~ → senses of the beholder.
- We've had a name for this science a long time,  
and the word is  
**SHOWMATERIALITY**  
← (set off powder)



~~UNTH~~ UNTH  
0100

0100

two basic couples with the same mixed

## CONCEPTS

INTEREST &  
INVOLVEMENT;

MOTIVATION  
& CONCERN/NOTION

2392

0135

Basic things abt. a pres. system

2412

## IMPACT

FEELINGS of users, viewers  
HONOR

ties  
also great  
with

—

—

e2

UNTH ORL<sup>33</sup>  
McLuhan & M.A.H.<sup>4</sup>

0056

I tentatively disagree with

# Monolithic

hypotheses of technology. 22  
23  
24

(McLuhan, Alice Mary Hilton.)

technology is not =

~~one~~ one big thing,

it is a ~~series of~~ ~~series~~ different little things,  
and their exist differences  
and interactions are actual.

0018

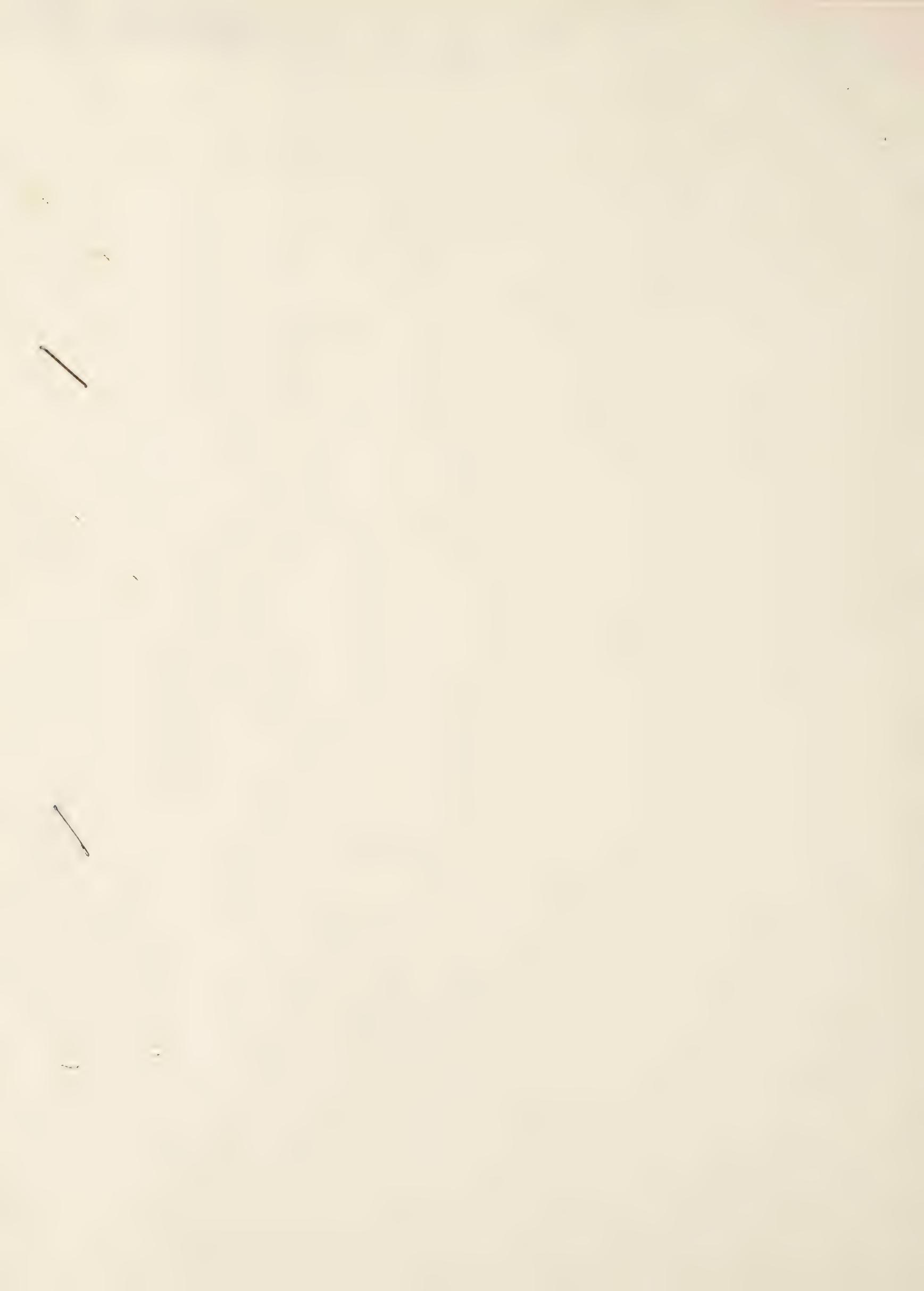
GLOBE

Mechanism

DOUTFUL

2328

→ very specific, monetary  
& technical factors,  
e.g. relative costs,  
& sociology  
& social factors  
determine in  
complex way.



UNTH  
0019

• YES THEY'LL ALL BE UNITED, BUT  
PARTICULARS OF SYSTEMS

WILL DETERMINE OFFS 2328

WHAT IT IS —  
NO UNDIFFERENTIATED  
NO UNIVERSAL

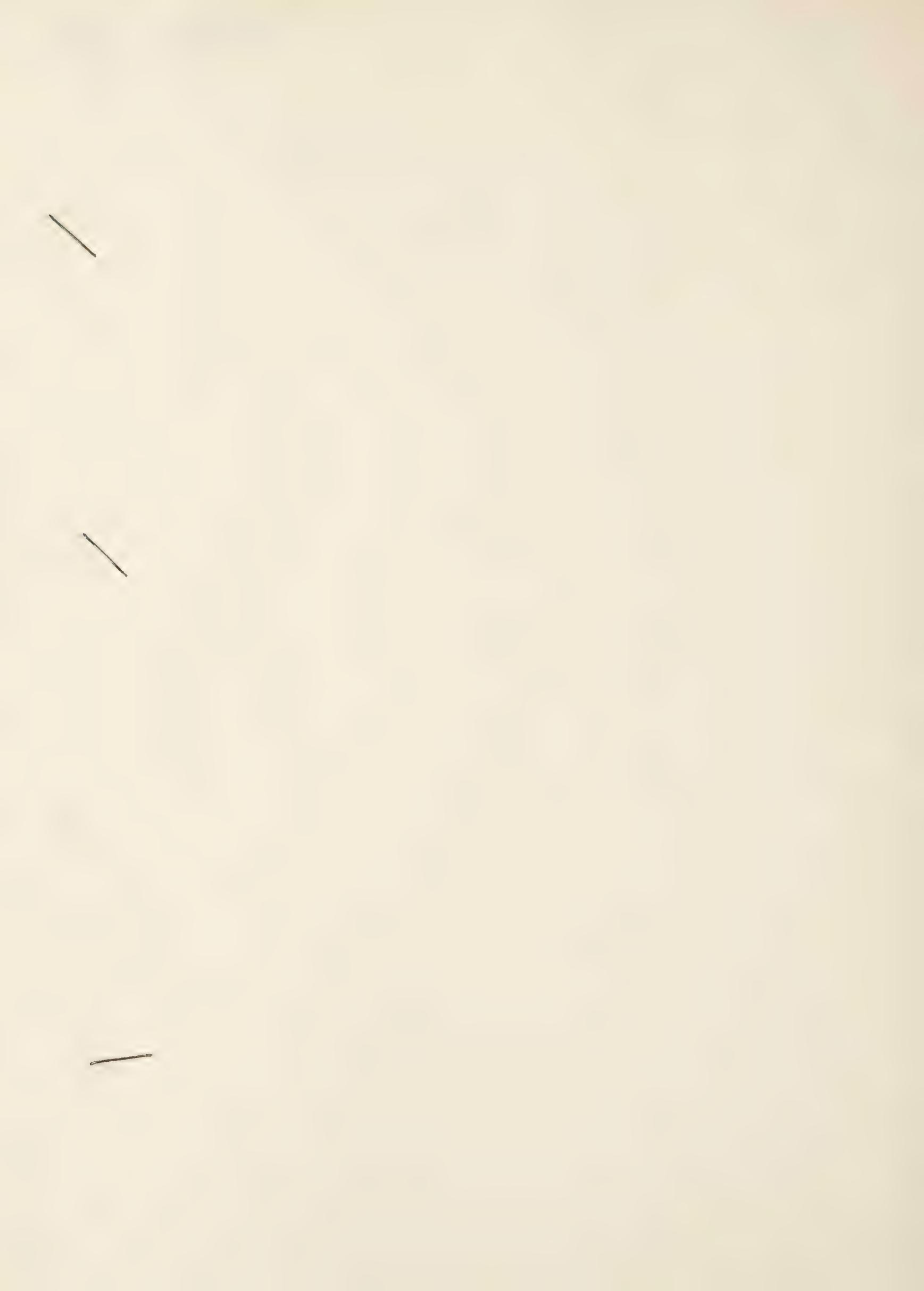
'ELECTRONIC' MEDIUM

<sup>0045</sup> ECONOMICS, COMPLEXITIES, TIE-INS  
& sheer goodness & delight  
OF PARTICULAR SYSTEMS  
will determine shape of things 4  
~~It's true there'll be fantastic new things~~

0020

If such they as 'cyberculture'

3280



~~SECRET~~~~(2)~~

USJ =  
FUNX  
UNKNOWN  
TO PUBLIC

→ return to letter two



G CONTROL

UNTH ORL<sup>36</sup>

VTR

2432

Note

New SPA of Convair

New controls

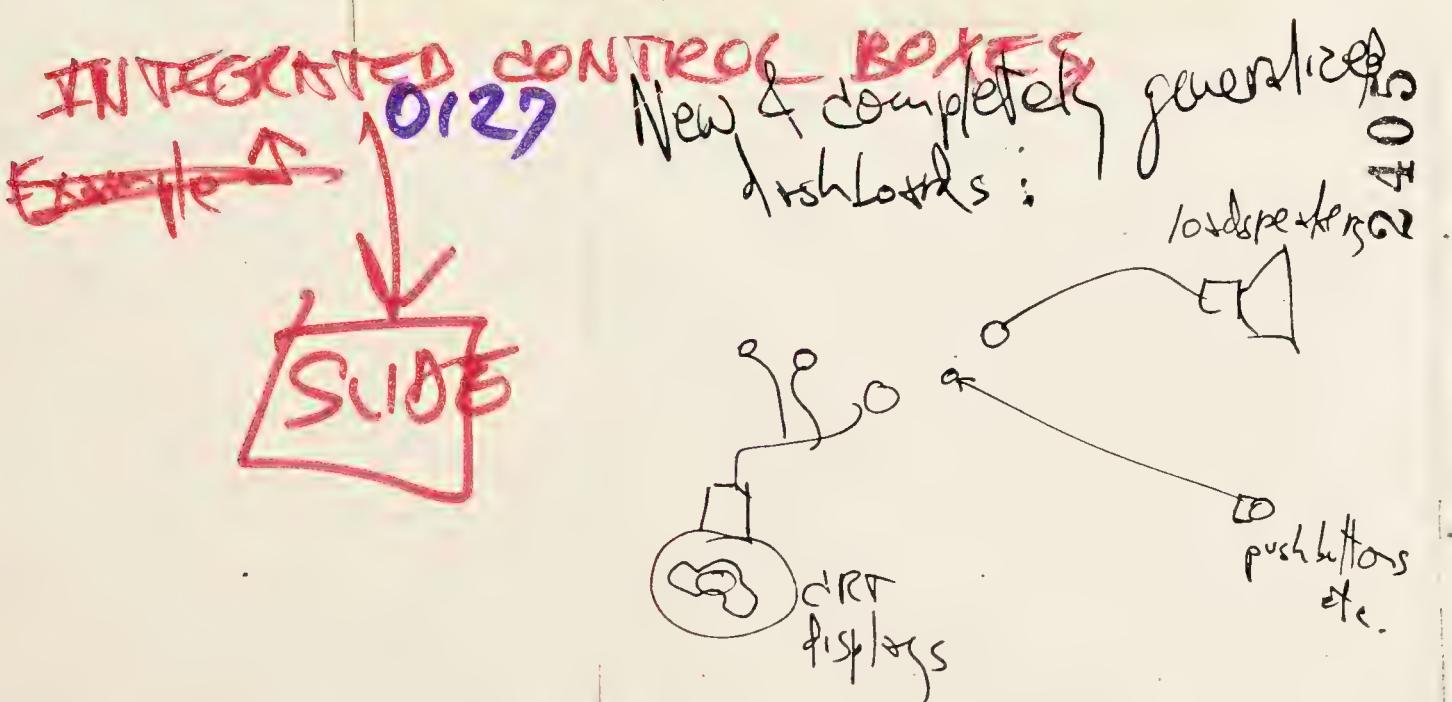
Take or new

simpler,

clarity of areas,

corresp. to thought

How THIS ADOPTES  
to & U-type system



Standardization of interfaces  
will ~~simply~~ simplify &  
bring versatility.



0147

COMPLEX  
EVOLUTION  
CONTROLLER

2425

inter

~~DELICATE~~  
flame  
Supernova

0146

complex event  
on the system

2424

0146

op. for best mesh

& more  
production effects

2423

0145

Zeiss now offers  
a highly  
controlled  
platinum projector.

—

\*

—

—

38  
UNTH ORL

typerwriter  
& others

VMS

The computer will  
control all  
house appliances.

2439



00341:  
Control

'The hyper-media'

— multi-dimensional,  
or multi-varient,  
control

will discuss shortly



## COMPUTER DISPLAY

0049

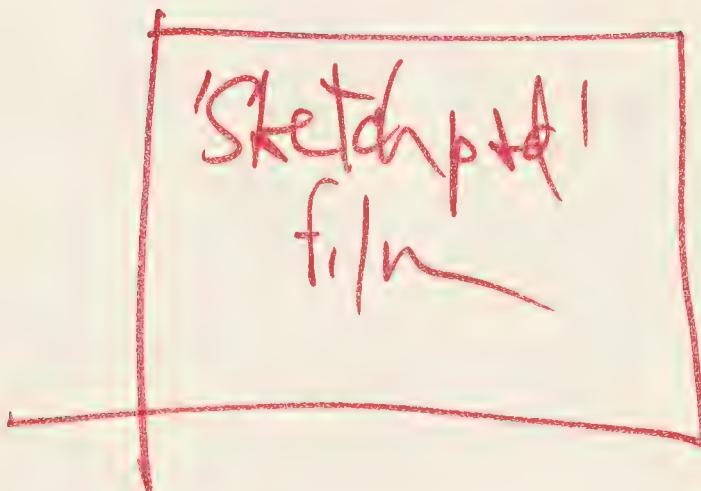
Computer display is the  
hardest thing in the world to explain  
to an adult.

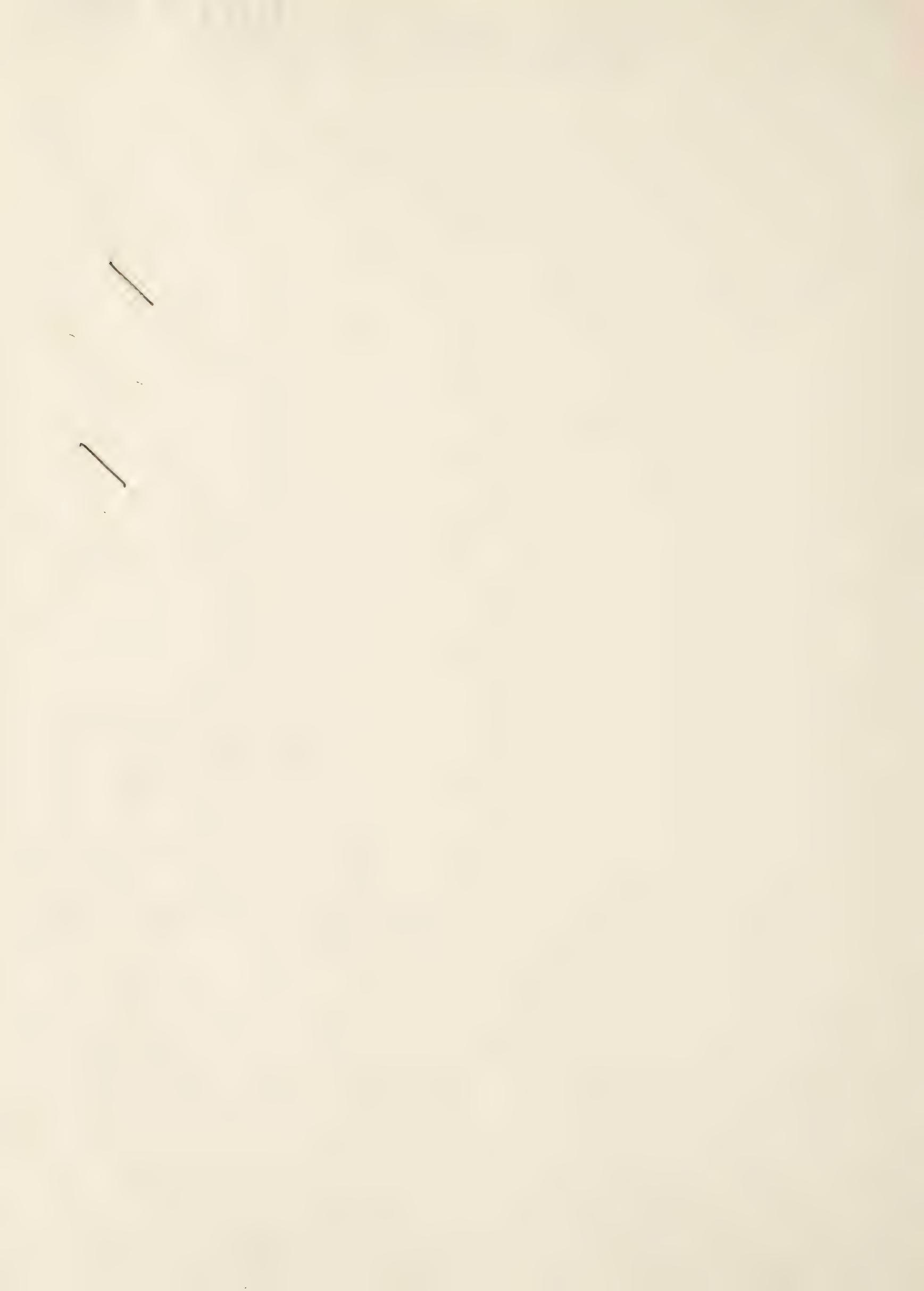
12343

But I've never had any trouble explaining it to children.

(The adult is always trying to probe your thoughts. The kid just listens.)

Are you ready to try?





0142 \* UNTH  
 (copy w.r.spc, 10C)  
 \* COMPUTER DISPLAY

\* nos. off ~~a list of~~

patterns in the computer,  
 each of which crosses  
 the ~~the~~ electron beam

in the cathode-ray tube

to trace out a ~~list~~  
 particular pattern on the  
 screen.

It is in analogy  
 these lists of patterns, and  
 savings for them to  
 be changed in subtle ways,  
 that the sort of display  
 programming consists.

2422

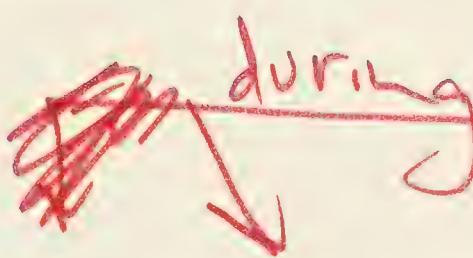
Do you like c. disp? say **AYE**

IBM R/H

AYE

Dodge R/H

HRDS R/H



0060

(explain that text is not  
 sent postally but

telegraphically,

and reconstructed  
 at destination.)

2354

1

2

3

I

(Slides)

UNTH ORL 42

TOURTED SYSTEMS  
(dismiss)

UNRECOGNIZED

SYSTEMS

(dismiss)



HTxts

# ~~TON OF SUDS~~

~~SHOT OFF ON BOMB SHELTER~~



0062

Computer people don't

like hypertexts.

Apparently they don't

see +) **POINT** ~~FOR~~-in-them?

10  
15  
20  
25  
30  
35  
40

But you are fully qualified  
to say whether you  
will hypertexts  
the supply we follow with  
you the same.



Now to most sed part of  
this language  
the ~~systems~~ ~~being built~~,  
dismal & retrograde  
being built for  
computer-assisted instructing.

4	sl. by
or	more

K/L



0097

Considerable ~~statement~~,

~~publicly~~ has attended  
the recent discussions  
of publishers with  
computer firms, and  
many euphoric predictions  
made for their relations,  
and the role of the  
psychologist as the  
middleman in  
"computer-assisted instrucn."

addition has not ~~is~~

there has been no issue  
from the narratives.

2391  
2

0092

Amusing

(Make cracks off)

corporate  
flourishing  
& over C.A.T.)

2385  
2

They  
simply don't know.

Mysterious talk about  
'hardware' & 'software'

everybody's confused,  
throw issue in laps of educators.

12 sides

1

2

i

0083

## 'PSYCHOLOGY'

There is no criticizing the achievements of psychology. But it is possible to criticize its aspirations or discount,

the political, the administrative and the spiritual are not within its domain  
 (-the spiritual having been left go since the time of William James-)  
 (its sociology now, since it's not goes between individual and real problems concern these.)

Consider education. Its problems are constriction of its subjects, humiliation of the student, antagonism between student and teacher, and the discouragement and demoralization that result. These are POLITICAL, ADMINISTRATIVE AND SPIRITUAL.  
 (50% improvement or even 100%, in rate learning, techniques don't help us much.)

Psychologists, in rush to simplify

0067

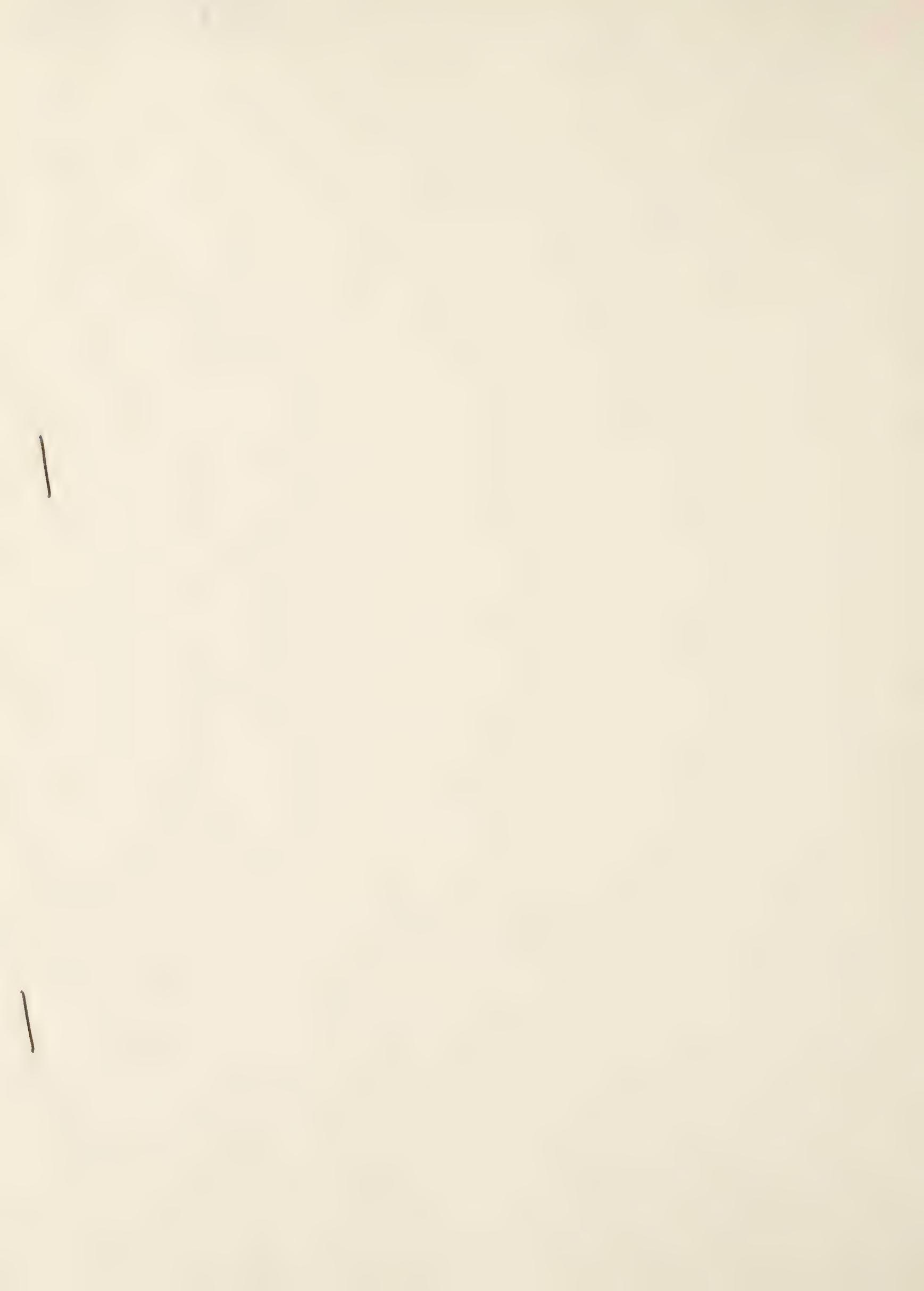
simplifications of stuffs simplify man

B. F. Skinner -

21  
60  
88  
2

PATTERNS (Walden 2)

PRACTICE (Prog. ed.)



## TYPES OF CPT

Drill & practice (linear)

→ immediate correction  
but no change

### TUTORIAL

branch contingent

### DIALOGUE

or Socratic

explain

Curious feature of all =  
conversation, or confrontation



# ASPIRATIONS OF C.A.S

Painless drill, substitute  
boredom for anxiety

Do + Optimally

~~21~~ 5 sides

base  
latter

Visions of:

'freeing the teacher for the  
more creative part'

→ which is of course in most  
cases dubious, but never mind

The Grand Teacher

Kill slate

The Judy Harris Alphabetic Guessy Game



85

0068

The prob. of education are  
not those of

Practice &  
Explanation alone,  
though these are  
symptomatic.

22

362

They are:

LOW STATUS OF STUDENT

INSULT & AFFRONT TO STUDENT

DISCOURAGEMENT

ANGER, OUTRAGE, DISGUST

IDEOLOGICAL & PERSONALITY  
CONFLICTS w/ TEACHERS

0069

(More basic prob. of ed.)

BLUNTING

40

BOWDIER RAY (20)

23

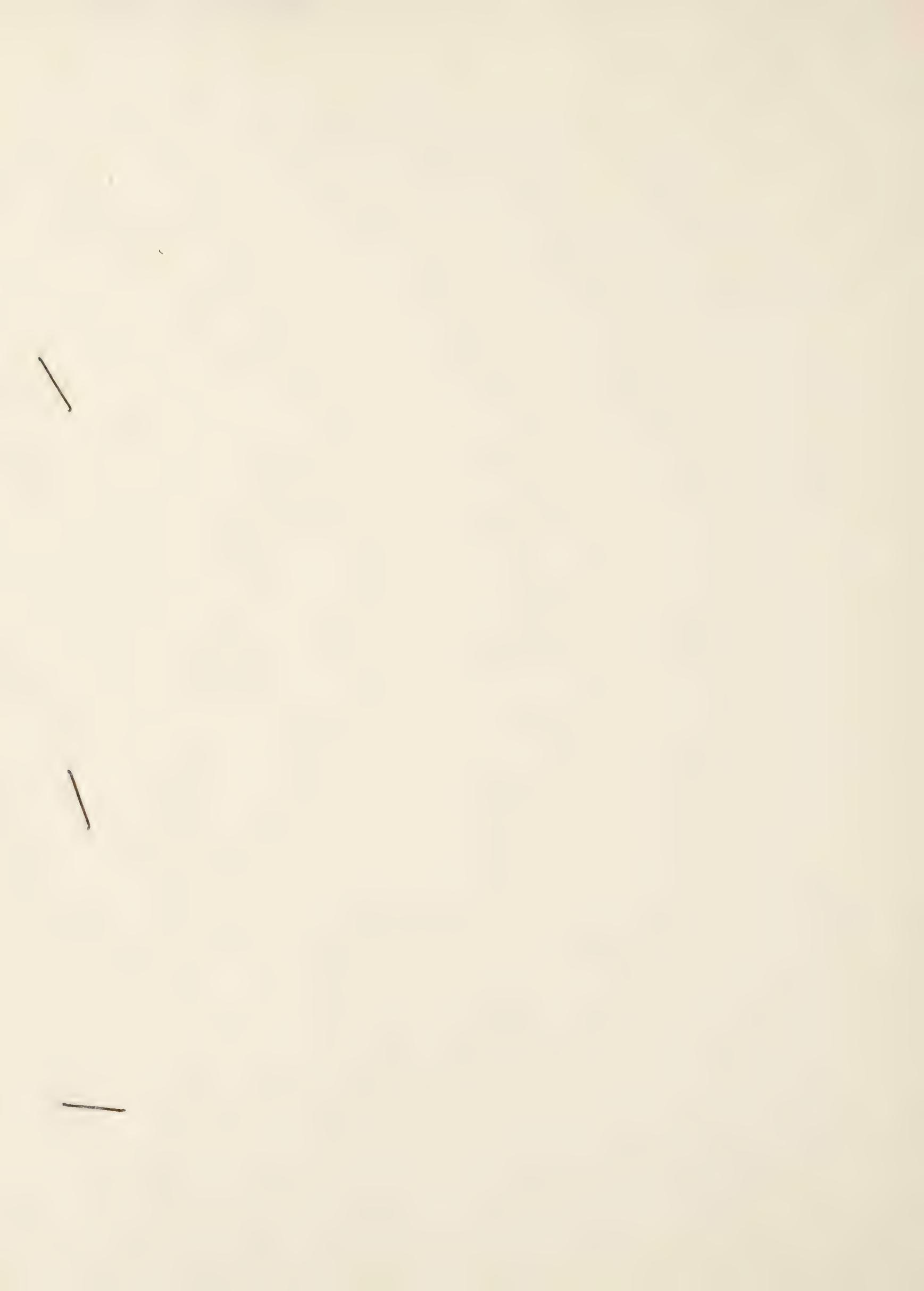
OF

most students

(esp. English,  
History)

0068

LACK OF VISION OR GOALS BY TEACHER - reducing it to  
their level



0091

More than Role (carry), education involves

IMPACT

EFFECT

FEELING OF THINGS & SUBJECTS.

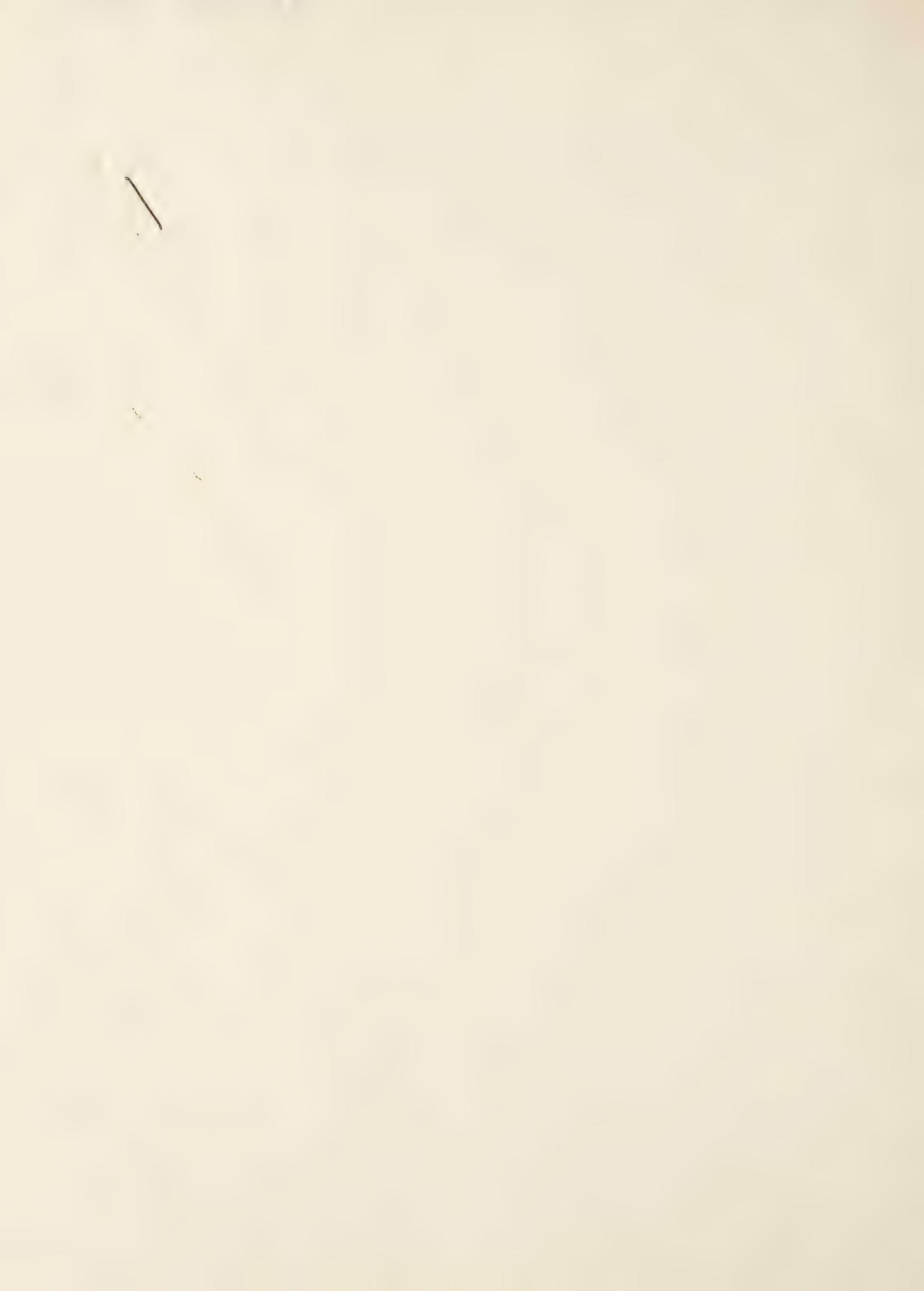
FEELING OF  
ONE'S OWN  
RELATIONSHIPS

SENSE OF PARTICIPATION,  
INVOLVEMENT  
WELCOMENESS

2 3 8 4

↓

→ IDENTITY  
w ref to sub world



0099 Education is  
that succession of discouragement  
that have whittled people  
down mentally  
& their present sizes.

2391

0043 Low prestige & student <sup>fosters</sup> insult  
IS LOW STATUS NEC PART OF STUDENT ROLE? Most say yes but → [cf. 'doctors ed.' ]  
<sup>'detention'</sup>  
<sup>Also corp. & presidential pres...jr</sup>

1

1

0004 Several ~~False~~ roads have converge to build the highly prescriptive approach to teaching.

Behavioral psych = tradition of sequencing expts, beg. w Buro & Titchener  
'Professional' approach: sequences are tangible, good. ad hoc teaching not

0004 Curricular sequencing laid down by school boards.

0068 The American way is to ~~like France or Victoria~~ of everywhere?? import policies, underwriting  
that which may be freely tampered with, never that which is fundamental.

1

2

3

I have tried only to give you flavor of these criticisms -

UNTH ORI

UNTH ORL 52

## FAULTS OF # CFT

ENORMOUS WASTE

Staggering expenditure of effort

In mapping, charting of pres. sequences → ~~the~~ dangers of unrecoverable confusing the student when not debugged [chart sc. am 214-15]

Fostering of ~~perpetual~~ low status & ineffective servility

Bizarre absorption in unimportant techniques  
deriving minor improvement

ROTE-QUOTA APPROX ATkinson 237 + 242 →

## STRANGE PREMISE WRIT CARGE

UPON ITS BROW = THAT

the system must be artless

conversion. (Tollbooth, Grad Central)

→ Interaction ~~not~~ always gratifying.

Built into term: "instructional system"



9A

UNTH  
#91

(rest by) passage from  
new Atkinson article)

2432

Nothing is "wrong" with this **TOP RANK**.  
vote - quotes + approach.  
But if it's going to rank  
what we are doing. I can  
still remember learning to read, and  
the excitement of getting the first  
book I had very broken paper in other.  
teacher said

But how if you agree that this is +

UNTH  
#92

→ cloddish w/ to reach  
reading w/ computers,  
design a better one -  
5 new it. Design a better one!  
You now have 2 hair clerks  
of which the equipment  
can do. Find out more  
and do something  
better w/ it.

2433

**RESPONSIBLE  
Resource**

UNTH ORI

5/11/55



QB

(UNTH  
(CAT))

2433

It's not that I see nothing  
 intrinsically wrong  
 with what people  
 are doing; it's just  
 not the right  
 time for  
 Dr. Seuss.

2437

UNTH

The ultimate sin is  
 to suppose you are doing  
 something other than  
 precisely what you are doing.

|

;

|

—

# UNH

CAT attitude:

"We have to have  
a hundred years  
experience with this  
before we can  
possibly do anything else."

2438

My attitude:

"We've had  
a few months  
experience with this,  
and it's high time  
to do something else."



~~0125  
F 2s. Think like a  
child & you'll get  
weird responses  
resp. resp. resp.~~

'Every time you hammer  
a fact into a child's mind  
you crowd out an idea.'

240:

G. K. Chesterton  
quoted by Jess  
(New York lecture,  
early '20s.)  
["Maybe '21."]

~~C. S. Lewis~~  
R. S. T.

I'm with  
Cookman  
Holt-Werner  
Holl  
:

2442



0035

## FAKE SCIENTISM

Setting up an experiment

according to a  
point of view,

getting results

and claiming implicitly  
that this demonstrates  
your point of view.

2332

22

0061

Tristram Shandy's father:

'By heavens! ... the world

is in conspiracy to

drive out what little

we God has give us,

and the professors... \*'

are lifted into the same  
conspiracy.'

25

25

22

[of the obstetric art]

—

—

—

—

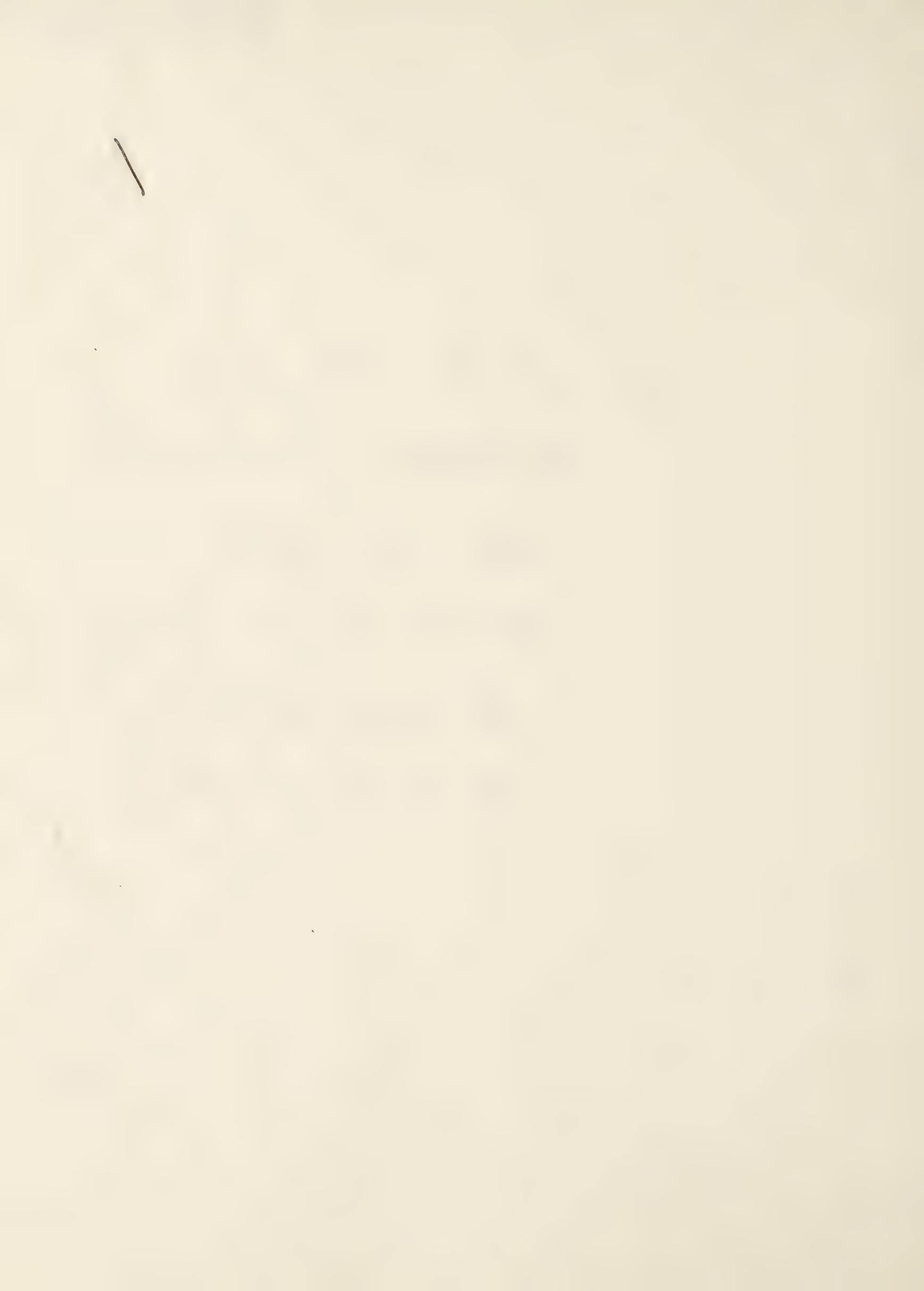
0042

Technol. as trick  
to break away from  
old social context  
of education

34

at the best, provide  
wonderments & involvements

~~etc~~ that will bring  
the kid into the interests  
that school leaves him  
by its curricularizing



0066

• block source

236

(approach)

v

dimensional

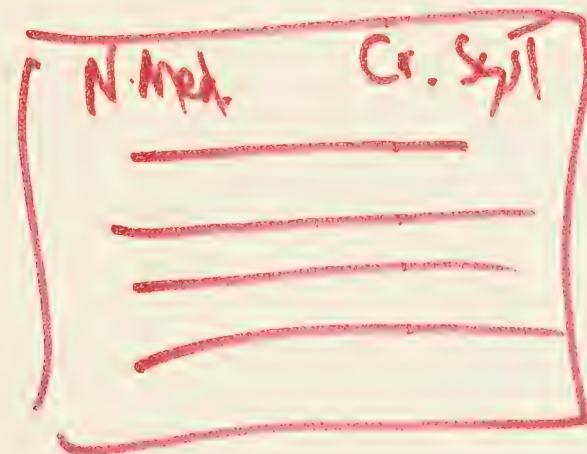
pre-planned path  
& practice~~0066~~  
0066'Highly prescriptive' vs 'liberative'  
approaches to teaching.(Not 'structured' — everything is structured; self-teaching)  
(Not just as structured, but freer.) 2306



# FANTICS

INFORMATION + PRESENTATION

After ~~it~~



REMOVABLE CARTRIDGE



M

Xanadu

UNTH ORL 61

## Express (3)

UNTH  
VAN OTHER THING

If I'd described this two months ago it would have been hypothetical, just as it was for the eight years I was designing it and looking for support.

2435

But I can now say this is not science-fiction. It will be running this summer in Providence, Rhode Island.

Tomorrow the world.

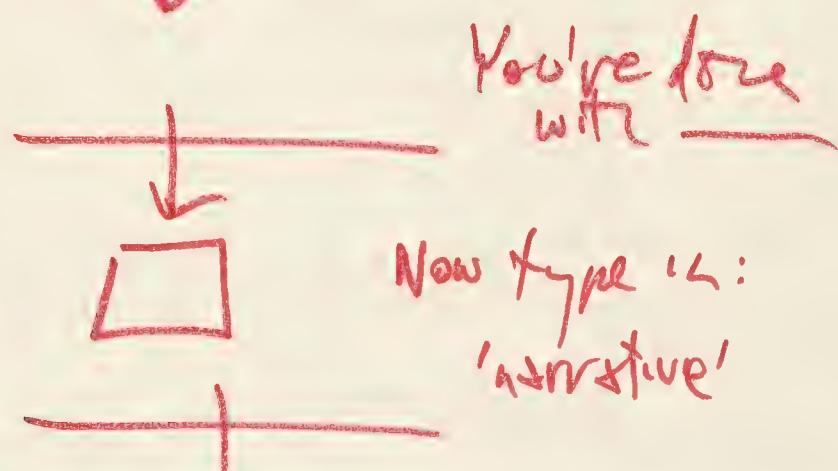
2-cassette setup →

1

1

IN

## XANTHUS DUES

> GEORGE STOOD

'That should have disappeared  
as I left'

'That she should have disappeared too.'

Now type 'L:  
'narrative'

there's more in  
your file, but  
NOW LET'S

SUPPOSE  
YOU  
ASSEMBLE  
ALL NOTES  
ON  
SUCCESSIVE  
PAGES



dearle start  
first chapter



~~Now type  
'Chapter one'~~

~~Successive  
pages~~

> GEORGE STOPP

> AS THE SUN

> AS THE SUN

'Now the next page'

~~as~~

DECIDE TO START NEW VERSION

> THINGS  
ATTACHED BY  
STURLEY EXAMINED

> THINGS  
COOKED RASH

> AS THE SUN

> GEORGE STOPP



UNTH ORL 64  
misland

(List: SCHOF. 8885)

Schof-syst. HYPERGRAMS.

three-D maps & excavations  
w/ annotations

~~HIST~~ CRT maps of chronologies in history  
etc.

IVE MISLAND  
HYPER-COMICS



~~HEART.~~ SYSTEMS.  
A. (1.5)



Q.

AUDIO PROCESSING

UNTH ORL 66

0033

Con, d.s. tally,

ANY SOUNDS

A HUMAN BEING

IS A IDENTIFY

COMPONENTS OR

OR BE <sup>created</sup> created

& transformed ~

29.90



R

Hyperf. / amsEDITING AIDS 4500.

Hyper videotext

SUPER PICTORIAL~~CB~~

Rowner

GENOSSA



*Fantasm*

S

1100  
NOT  
USED  
0105

FANTASM will require:  
 Sculptors  
 Puppeteers  
 Scenic designers  
 Art Directors  
 Directors

2397

0059

Art Perform.

The

Authenticity

&amp; Photography

will become

impossible

except through Certificates etc.  
[and isn't it enough? — (H. Oswald)]

2397

