

FEDERICO FEDERICI

NOTIONS

(about the object under investigation)



[workbook of the universe]



[talk on YouTube]

<http://federicofederici.net>

[it] can be partitioned into finitely many parts to be shifted by a rigid motion and reassembled into an object whose extensive properties are the same as the original one

the value of any quantity is measurable, at any time and to an arbitrary accuracy, without significantly influencing the original state of the system

[what] the writer and the reader interact with does not require shifts, nor transitional signs

signification rests on a presemantic underpinning of some sort in the writing | reading process

both approaches fail to hold

geometrical entities consist of an uncountable number of null sets [points] – infinity does not compensate for zero

a measurement is both an operational procedure about the observable and a phenomenon in itself, subject to the same laws it investigates

a not negligible interaction is established between the measuring apparatus and the investigated system

the act of measurement determines the value of the

observable

words consist of an arbitrary number of unstable subsets [signs] – signification does not compensate for the temporary | seeming meaninglessness

a word is both a procedure defining the object it points to and a phenomenon in itself, subject to the same laws it investigates

writing does not reveal some pre-existing value of the written word: how the particular outcome of signification is brought into being is inherently

unknowable

transition

from possible to actual

transition

from sign to word



LUNAR PHASES

*Super-
moon*

on

n

*Super-
moon*

m

me

moo

*Super-
moon*

moon

oon

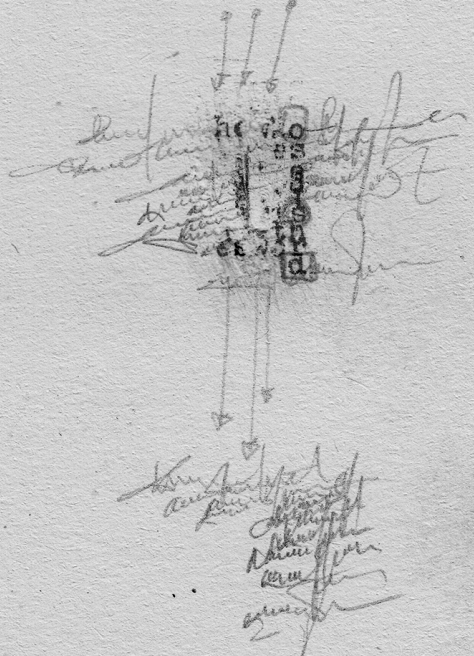
*Super-
moon*

*Super-
moon*

*Super-
moon*

*Super-
moon*

*Super-
moon*



the moon is demonstrably not there when nobody looks
nobody demonstrably looks when the moon is not there
nobody demonstrably looks there when the moon is not

[permutations after N. D. Mermin]

how does the whole land geographically relate to the landscape?

the text is demonstrably not there when nobody reads
nobody demonstrably reads when the text is not there
nobody demonstrably reads there when the text is not

how does the whole lan-gauge metrically relate to the text?

is what the writer sees [what the reader attempts to] the lithic essence of the text? a long-standing enlightenment?

th ink of

the ink

dots

do[n]t

get absorbed in

[instances of the untranslatable]

the result [cause] of writing [

the result of erasing [

the result of erasing writing [

the mark made by it [

the word]

the thing the word is]

the thing]

the word the thing is]

[observable] a priori entity of empirical observation

[word] a priori entity of readable signification • negligible subset of readable signs • degree of freedom of the text, related to its transformation across languages, that manifests itself, under certain circumstances, in a particular kind of writing



FLOWCHART

a/23

(of a pensive linotype)

ON

the outlines
you see in the
text in the
laws of it

build
the idea of
the word of
the sensed
existence
of it
opaque
indeterminacy
of its
signification

term

term

the word
performs
the thing

set

red

it

dried
impr
ession

red

various
species
of
surface

black

black

void

mono
spaced
and

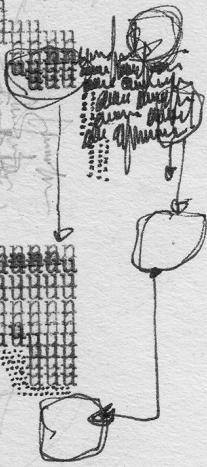
here you see
the complete
process of
design

blank
(dry)

damp
wet

A2 B4 CI Z1 A6 C5 E4 D3
f g A3 n2 b b j u r 16
t r e i , s 3 k

OFF



the reading process establishes an unstable interaction with their state

A 6x10 grid of 60 small, stylized human figures arranged in a structured pattern, representing the 'The Grid' concept.

[minimal requirement | calibration condition] whenever the system is in an eigenstate, the apparatus indicates the corresponding eigenvalue after the interaction has ceased

[illegible]

the hesitation to keep the levels of reality intact
 to imagine a completer awareness
 the distance between what is read[able] and what is real

a real measurement should point to a definite position

nihil in mundo nisi prius in verbo

regardless of how one defines spaced dots
 such particles / discrete, not
 oriented elements of writing/
 have been used as breaks, pores
 patterns of mutations in the sense
 of the text as a work of motion
 (can the text be more than a
 configuration of words IF
 the intuition of an underlying
 reality is lacking? -

language exists and
 and scape a reality
 of things
 of words

certain parts of the text may get
 erased, a calculated blank which
 distinguishes them from the rest
 of the composition - a sort of
 antimatter text-object which the
 text-object cannot live without
 (language is a chance

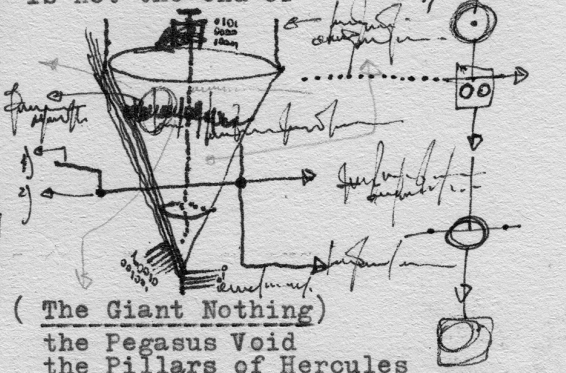
an unwanted one
 the declaration of not hing ness
 useless to give this experience
 value:

(light-years) an equal amount of

nerves
 neurons
 neutrons
 nearest
 known black
 holes pores
 cells nebulae
 open clusters
 galaxy filaments
 fingers VOIDS

which
 the end of the page
 is not the end of

1a	2,953,000,000	0000
2	2,000,000,000	0000
3	1,842,000,000	0000
4	1,665,000,000	0000
5	1,514,000,000	0000
6	1,487,000,000	0000
7	1,34,000,000	0000
8a	1,110,000,000	0000
8b	1,000,000,000	0000
8c	945,000,000	0000
9a	800,000,000	0000
9b	700,000,000	0000
9c	675,000,000	0000
10	634,000,000	0000
11	556,000,000	0000
12	523,000,000	0000
13	440,000,000	0000
14	413,000,000	0000



(The Giant Nothing)
 the Pegasus Void
 the Pillars of Hercules

(to peer into the cones of the dark)

[Handwritten scribbles and notes on the left margin, including the word 'Pegasus' and various illegible markings.]

[Handwritten notes and arrows pointing to the table, including the word 'Pegasus' and various illegible markings.]

[Handwritten notes and signatures at the bottom left, including the word 'Pegasus' and various illegible markings.]

[objectification] problem
collapse problem

in the text-environment]

IF{
an observable has no definite value,
the object-plus-apparatus is in an
entangled state}

| eigen – | gegen | entangled |

IF{
an account of the measuring pro-
cess is required for semantic com-
pleteness, the system is semantically
inconsistent}

[what means for an observable to
have a definite value]

the tension between the collapse
process [random event] and the de-
terministic dynamics of
a closed system

a measurement scheme that leaves
the state of the object unchanged
defines a trivial observable whose
measure probability is independent
of the state itself

the notion of instrument describes
the state changes that follow an act
of measurement

neither a mere spectator • nor indeed a character

no information gain without some
disturbance

to measure is to disturb
the object-system

a configuration of signs | words ex-
ists characterized by some recognis-
able signification • a spike triggers its
collapse • a wave of signification Ψ
attempts to constrain the dynamic}

it sets and retains the signification
field wherein the word-sign duality
manifests itself • it is both the outer
frame and the inner law}

other signs | words • strata of fos-
silated languages surface

the method translates semantic colli-
sions into [semi]-structured domains
of heterogeneous signs
[open text-environment]

a writing scheme that leaves the
state of signification of the signs un-
changed defines a trivial text-object
whose likely signification is inde-
pendent of the state itself

the notion of reader describes the
signification changes that follow an
act of writing

to write is to disturb text-objects

not to reify an idealised notion of it