NATURE, ARTEFACTS AND HUMAN SENSES

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In only one day our lungs aspire around twenty thousand times

our hearts beat around one hundred thousand times!

Every day

During time of vigil
our eyes make
- daily around five hundred
thousand movements
of scanning

Great part of moments
we talk about Nature
or about natural things,
we are talking about ourselves.

We language, we culture.

Species of virtual animism which, fascinatingly, recovers elements of the pre-historic humanity.

But, addict in a literary and visual education,
we still are not
used to think ourselves
only as colonies
of other species of life,
including that we call intelligence.

It is enough to talk these feel words
to some people
quickly start showing annoyance
and start to ask:
but, after all, about what are we talking?
And, in an immediate sequence, to
classify:
it is a dilettante discourse,
an amateur approach,
a non technical speech.

And soon after to do an immediate judgement: this is not on architecture.

But,
language is the very first fundament of
everything
of every approach to nature!
About nature,
physics, poetry or mathematics.

In Sanskrit,
the word vac means
simultaneously
deity and communication.
This is the etymological root
of our word voice.

A root which denounces the very first sense of *god*.

When we talk about Nature we are talking about our own way of though, making it a powerful artefact.

It is not the world like it is, but yes *how* we make what the world is.

Consciousness changes matter a statement with which John Wheeler
launched
years ago
and another essential idea:
it from bit.

Thinking thought as artefact. Free-thought.

The symmetric reflection

natural and artificial

had, among others,

two fundamental moments

in the Humanity path:

Ancient Rome and Renaissance.

Both coincident
with the development of the technologies
that started a process
of strong intensification
of the use of vision.

Papyrus produced in Egypt and paper imported from China.

Cadmo, the mythological king responsible for the introduction of the alphabetical letters in Greece, sowed the teeth of a dragon with which he had fought.

From those teeth strongly armed men born.
Cadmo didn't know how to control them and started throwing stones, in a tribal way, without planning, by chance, motivating those warriors, to kill each other.

Only later,
Cadmo was able
to assume
the authority of leadership.

As Marshall McLuhan showed,
phonetic alphabet
signified
for the Ancient Greece
power,
authority and control
of military structures,
at distance.

Cadmo represents a transition of technologies.
The sowed dragon's teeth generated the power which destroyed the State-Cities and which permitted the exuberance of the Roman Empire.

It was the *noise* produced by Cadmo's stones
the responsible factor for the disarticulation of that powerful army.

Paper doesn't work in a tribal scale.

So, the Roman domination appeared over the Egyptian production of papyrus. Alexandria. A new army born from teeth of a new dragon an army controlled at distance and a thought which starts for the first time the remote roots of an autonomous idea of art.

For the Greek, art and technique knew only one word: techne.

Plato didn't establish any distinction between art and science.

At the end of the Middle Age, following the increasing importation of paper produced in China, plan perspective, Gutemberg press and the mechanical clock appeared.

With Renaissance, the *paradigmatic* separation between natural and artificial substituted art as imitation of Nature before formulated by Aristotle, and art as imitation of Nature in its modus operandi, announced by **Thomas Aquinas.**

The exuberant transformations of the end of the second millennium - the sudden change of demographic scale, overcommunication effects and the beginning of the mass telepresence media - have represented a phase of radical human metamorphosis.

Not only our bodies are alive colonies in constant effervescence, they also became interactive *knots* in a huge connective network.

Our ocular scanning is mirrored on the computer's screens sweeping or on television sets.

Eyes and ears extend themselves on all planet through telecommunication satellites changing telecommand power into hyper information power in *real time*.

And the planet receives a new skin.

Virtual.

The idea of changing
- as isolated moment of transformation is substituted
by the idea of a continuous
metamorphosis.

A transformation probably comparable with what Neolithic was around ten thousand years ago.

Standardization of language systems produced after Gutenberg's press turning buildings into specialised space-time departments and human beings into apparently exact and predicable individuals is substituted by non stereotyped universe of interactive systems

So,

the one-way communication
which unveiled the sense
of solitude and of the artificial,
gave place to two-hands communication
unveiling
integration
and
nature.

A specular unfold inside a fractal universe, where symmetries reflect each other creating a chaotic labyrinth.

But, in a first moment everything is made primitive.

This means:

in the same way the early photography was an imitation of painting the image of the *flanneur* generated by literary universe is *replicated* by interactive systems in the hypnotic image of human beings zombie
- a humanism without eyes.

In that first moment
the image of Humanity
passes to be
literally captured
by
television screen.

Interactive procedures
don't permit a
literal iconology
and
gradually
the human zombie discovers himself
- like Ovid's Metamorphosis as a new
trans-sensorial Humanity.

In some months
Internet will have
more than
one hundred million users.

No city in the planet has a population of this size.

Only ten countries in the whole world have more than one hundred million people.

The European continent,
for a long time
a fragmented block
of different cultures,
transforms itself
quickly
into a transcultural system.

The old idea
of art,
established as a high definition concept,
gave place to instability
implicating a deconstruction
of the commercial structure
founded in the aura
and the
controlled reproducibility.

A metamorphosis which,
Producing
ephemeral artefacts,
destroys
specialised frontiers
between
popular and erudite.

A metamorphosis for the end of the idea of revolution!

For the first time,
Since
Neolithic,
The 20th century generates
a human being
for whom
agriculture is no longer
his main activity
for survival.

Twenty century produced three great revolutions: atom bomb, overpopulation and overcommunication.

The first one denuded,
for the first time,
the fragile condition
of humanity as species,
and imposed a cosmic question:
are we really important for the
Universe?

Overpopulation produced the *phase shift* idea applied to mutations of Humanity and Nature.

A change without midway point.

The last revolution produced an explosion of knowledge, generating noises and sign garbage

With the atom bomb
the planet become
exclusively
oriented
by a new idea of time,
standard and uniform:
hours, minutes and seconds in real time,
everywhere.

What it was divided by thousands of miles of lands and oceans, became to be present in the urban conflict of the big cities inside networks of networks of communication.

Thus,
cities were
the first human sets
to jump
into satellites.

And slowly, city was transformed in leisure.

In the last years
of the second millennium,
the most valorised cities of the world
are those oriented
to entertainment and leisure,
and not to
production
of wealth.

Civilization asymmetries became to move on a new kind of geography.

Virtual.

A new planetary topology, Where transition and traffic control of ideas mean its real structure.

Traffic control
not as censure
of ideas
or action,
but while
design of noise.
Sensorial design.

Sensorial extensions, until then mechanical and omnidirectional, give place to interactive systems, true synergetic prosthesis.

The elaboration of an artificial world started by the intensification of mechanical extensions, like the phonetic alphabet and the wheel, gives place to the hyper-natural connecting pre-History to post-History.

Thomas Morus' *Utopia* transformed into Thoureau's *Walden*.

A transition
René Berger called
teleanthropos.
A new human being.
A telehumanity
made of information
in real time.

Culture and human organs, plasma distributed in banks all over the world, aggregated in a new human species.

West
will wake up East
when we will have
evening
as morning....

Contrarily to omnidirectional systems, which produce the sensation of isolation and artificial, interactivity generates the sensation of integration and projects the effect of a new nomadic.

Solidarity is the essential condition of survival for the nomadic reminds Pierre Levy.

Communication media
no longer as extensions outside
the organism,
but an active part of it
- part of our senses.

Artefact and artificial
- both etymologically
generated from the sense of
to make following the law
give place to natural,
which etymologically
means
genesis
and gnosis.

Planet, god & nature as knowledge.

The interrupted and fragmented creation of the one-way communication process gives place to the continuous creation of discovery.

The idea of limited life, designed by death as necrosis, is substituted by the idea of life in constant mutation through apoptosis.

It is also valid in cultural terms.

The wonder is the very first fundament of philosophy.

In *Theatetus*, Socrates argues that perceptions are not being generated as private experiences and that all things, in all their diversity, are generated during their intercourse with one another, as the result of change.

Changing our sensorial palette, we change the sense of everything.