

# CONCEPT OPERA

## METAMORPHOSIS

**René Berger**

Considering the large articulations of the metamorphosis in the modern world.

The concept is based on 6 poles, each pole articulating itself on an problematic based on:

- A short title,
- Based on a work of reference,
- Deploying lines of force in the form of 5/6 key phrases and
- Benchmark figures,

Each pole has several "layers":

- A text layer
- A visual layer
- A musical layer
- An interactional layer

Note that each pole is designed both as a base, providing a starting stability, and as a "launching pad" considering the dynamics of the ongoing transformation in the form of "probes" directed towards the future.

## Opera - Pole 1

### OBSERVING THE KNOWLEDGE

Work of reference: *Griffures* (René Berger)

<http://college-de-vevey.vd.ch/auteur/Inedits/Epuises/griffure.htm>

Key phrases:

*This is where you finally must be for what unfolds, scarlet and quivering, bright sap that consumes us. Since the evidence is furnace.*

*To create is to put the universe in doubt, it is to challenge to be "what it is".*

*Creation is the first distraction.*

Suggestions of benchmark figures:

Plato, Aristotle, Socrates, Heraclitus, Vincent of Beauvais: *Speculum naturale* (Mirror of Nature), *Speculum Doctrinale* (Mirror of the doctrine) and *Speculum Historiale* (Mirror of history).

## **Opera - Pole 2**

### **THE TRAJECTORIES**

Work of reference: "The mutation of the signs"

[http://college-de-vevey.vd.ch/auteur/Inedits/mutation\\_des\\_signes/mutation1.htm](http://college-de-vevey.vd.ch/auteur/Inedits/mutation_des_signes/mutation1.htm)

Key phrases:

*From the silex to the satellite,*

*From the omniconmunication to the multiconmunication,*

*From the omnidisciplinary to the multidisciplinary,*

*From agriculture to the techno,*

*The new demiurges.*

Benchmark figures:

André Leroi-Gourhan

Aviation: the Wright brothers, Breguet, Santos Dumont

Norbert Wiener, "Cybernetics and Society", "God and Golem, Inc."

## **Opera - Pole 3**

### **THE FISSIONS**

In the general convulsion caused by the trajectories (pole 2), fissions multiply.

Work of reference: *"La téléfission, alerte à la télévision"*

*Among the many forms of the phenomenon of fission (physical, political, economic, cultural), nuclear fission is undoubtedly the most decisive, placing humanity under threat of the bomb.*

*In the United States, television is considered the best mean, par excellence, contributing to the education of people. But very quickly, it is*

*perverted by advertisers who turn it into a sales instrument controlled by Nielsen\*, base on audimat (survey), from the purely quantitative factor.*

*The mass media, that are launched and that multiply all over the world, fail to destroy part of the dream in which television emerges. Which undoubtedly attests that, despite an increasingly pervasive and almost exclusive commodification, the hope that technology can contribute to make emerge a "universal soul" in formation, continues existing.*

Some benchmark figures:

Los Alamos, Hiroshima

Einstein, Oppenheimer

ABC, NBC, FOX, CNN

\* Nielsen Holdings N.V. is a US global information and measurement company with headquarters in New York (USA) and Diemen, the Netherlands. Nielsen is active in over 100 countries and employs approximately 40,000 people worldwide.

## **Opera - Pole 4**

### **THE COMPUTER MOVES**

Radical innovation: all codes are converted into binary code, in the sequence of 0 and 1. The numerical symbolism becomes universal.

Work of reference: "Hackers - Heroes of the Computer Revolution", Steven Levy, 1984.

The poetic impulse is quickly dominated by business concerns, but without disappearing altogether.

Benchmark figures:

Cover: "Time Magazine" (1982)

Levy: Early Hackers

Is the poetic impulse recoverable? It must transcend even the tireless efforts of current Google (2008).

<http://www.emanuelpimenta.net/>

**Opera - 5 pole**

**TOWARDS TO THE CYBERWORLD**

It is characterized by the development of the networks, Internet and Web, where the devastating explosion is at the measure of the planet. Besides the rampant expansion, a new force has emerged: the techno-urgie  
[http://oeuf.epfl.ch/carnets/techno -urgie](http://oeuf.epfl.ch/carnets/techno-urgie)).

Work of reference: "The Origin of the Future"

[http://college-de-vevey.vd.ch/auteur/livres/origine\\_du\\_futur.htm](http://college-de-vevey.vd.ch/auteur/livres/origine_du_futur.htm))

*The most glaring illustration is the passage from the domination, or hegemony, of the book, to the reticular techniques. Cyber-books are the way I took to illustrate this phenomenon*

<http://oeuf.epfl.ch/>" <http://oeuf.epfl.ch/>

*Instead the statement be subject to the text, where the paper assures its dissemination, the cyber-text which inspired my cyber-notebooks is essentially based on network resources*

<http://oeuf.epfl.ch/cyber-carnets>

*The development of Google, Yahoo, Microsoft demonstrates the effect of the phenomenon that is unfolded in association, cooperative, collaborative, websites such as Facebook, MySpace, Second Life, etc.*

*The cyberworld corresponds to the emergence of a reticular world in continuous action.*

<http://oeuf.epfl.ch/highlight/metamorphose-emergente-vers-une>

## Opera - Pole 6

### FROM THE HOLOCENE TO THE ANTHROPOCENE

The Holocene is the period of the last 12,000 years, approximately, that saw, among other things, the emergence of the human after the emergence of agriculture.

<http://oeuf.epfl.ch/cybercarnets/interlude/?searchterm=holocène>

*This period corresponds to the extraordinary human adventure until the breaking point that constitutes the Industrial Revolution. It is characterized by the complex development of society: political, cultural, organizational, technical, economic, etc. It enshrines a balance between human strength and natural forces.*

*Introduced by the Nobel Prize Crutzer, the neologism "anthropocene" postulates that we have entered into a new geological era after the industrial society at the threshold of the 19th century.*

*The decisive point that announces the anthropocene is that began, more than a century ago, a period in which the human race was transformed into a planetary geophysical force. Now, technologies helping, people are able to affect the climate, oceans, plants, animals, and all configurations of the planet, until cause their own elimination.*

*To go out from the human species?*

*If there are escape exits, they must all go through a radical change of attitude. Thus, it is illusory to remedy the threat of pollution through conventional thinking processes: establish causes, correct the effects, as many inadequate procedures have been until now.*



*In fact, the traditional framework must be replaced by an operational field created by our emergence in the cyberworld and by the expansion of our encephale into an exocéphale.*

Benchmark figures:

classical anthropology,

explosion of traditional rupture: cyber-genetics, cyber-space (NASA), cyber policy (beyond the classic definition of powers), cyber-crime.

*The future is not predictable by traditional formulas (futurology, prospective); the use of surveys and statistics reveal themselves radically insufficient.*

However, there are certain paths to be explored, such as "Technology Review", MIT websites, "Nature" website.

The phenomena in motion can serve as clues to the radical change in course.

See: "Maybe science can save the planet: But should it?"

<http://serendip.epfl.ch/Chevilly1/>

# Opera

## METAMORPHOSIS

**René Berger**

**Emanuel Pimenta**

### Africa

Addis Ababa (Ethiopia)

Bamako (Mali)

Cairo (Egypt)

Johannesburg (South Africa)

### Americas

Lima (Peru)

New York (United States)

São Paulo (Brazil)

Mexico City (Mexico)

### Asia

Lhasa (Tibet)

Mumbai (India)

Thimbu (Bhutan)

Tokyo (Japan)

## Europe

Lausanne (Switzerland)

London (England)

Paris (France)

Rome (Italy)

## Oceania

Auckland (New Zealand)

Suva (Fiji)

Sydney (Australia)

Yap (Micronesia)

**METAMORPHOSIS**

**René Berger**

***(Cybercarnets)***

## **Africa**

### **Cairo (Egypt)**

*New technologies restructure not only the field of techniques, but also the ensemble of our individual and collective actions and gestures, in all levels and in all domains.*

### **Johannesburg (South Africa)**

*The “media-space” does not abolish the freespace, in the same sense that the “freenaut” is not abolished by the “medianaut”.*

### **Bamako (Mali)**

*Any code is a techno-mental system that forms our actions regarding objectives that we determine to ourselves and that reciprocally form the “reality” under the image that we make ourselves through our codes.*

### **Addis Ababa (Ethiopia)**

*The mediation is the key operation through which Reality and Society are “mixed” in the quasi symbiosis that characterizes our species.*

## **Americas**

### **São Paulo (Brazil)**

*The image we make to ourselves about reality is no longer distinguishable from the image that reality is supposed to make of ourselves.*

### **New York (United States)**

*The object I have searched is, par definition, always distant (object, etymologically, threw ahead), but, simultaneously, I establish a relationship with it that permits me to integrate it (cons-science, to know with).*

### **Mexico City (Mexico)**

*After the industrial revolution, and with an acceleration before unknown, Technology became a civilization factor, perhaps even the very first factor.*

## **Lima (Peru)**

*To invent the future, this is the challenge of man to surpass the rupture. His hope, also.*

## **Asia**

### **Tokyo (Japan)**

*The appearance of hybrids and “transgenetics” transforms animal and vegetable. The distinction between artificial and natural became more and more fluid, as we find always more fluid the categories of our thought.*

### **Lhasa (Tibet)**

*In fact, we can ask ourselves if the image is not in way to be itself metamorphosed.*

### **Mumbai (India)**

*The conception of a world submitted to dimensions that capture it in objects is substituted or is joined to a conception of a world of movement that, all dimensions dissolved, puts itself in the network’s heart in infinite folds and refolds.*

## **Thimbu (Bhutan)**

*The hacker motivation is what is different. Hackers are intrinsically motivated: the challenge to solve the enigma is their only reward... while in the exterior world people are specially attentive to jobs, careers, developments, salaries – extrinsic rewards.*

## **Europe**

### **Lausanne (Switzerland)**

*All inventions are developed from hidden dimensions.*

### **Paris (France)**

*We can say that cyberspace is the mold of a new world in formation.*

### **Londond (England)**

*It is a dynamic way of thought that privileges, with renewed complexity, the irreversible time and the delivery turbulences of self-organization.*

## **Rome (Italy)**

*Nowadays, any consideration, any analysis should explore not only new contents, but before all and in first place the diligences that are proposed to us.*

## **Oceania**

### **Sydney (Australia)**

*To have in mind the “myth-urgy” no longer is to be restricted to have myth as an object of study, to which the concept of “mythology” (logos) was forged. The neologism “myth-urgy”, (with its suffix derived from wergon, to make, to produce, to create) underlines the “demiurgic” and self-organizer side of the change being formed.*

### **Auckland (New Zealand)**

*The decisive point is what I call the change of topic, that is to say, the change not limited to vary contents, which remains in the interior of the system, but the change – this is the fundamental difference – that transforms the very nature of the system.*



## **Suva (Fiji)**

*New technologies transformed our ways to see and to think, as they transformed our daily behaviors, from conditions and dimensions before unknown.*

## **Yap (Micronesia)**

*Meta-media snatch the radical change of traditional cultures; they are configured as an open system.*