



BOTAFOGO BEACH, RIO DE JANEIRO: AN APPLICATION OF VISUAL PERCEPTION METHODS IN BRAZIL

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My Place:



My Hope:

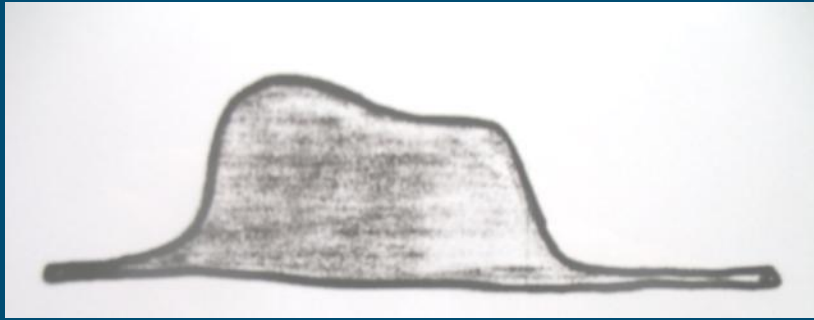


Fig 1 – “elevation”



Fig. 2 – “section”

“I show my masterpiece to the adults and ask them if they are afraid.

An they ask me: ‘why they have to be afraid of a hat?’

“My draw presents a snake digesting an elephant!

“For better understanding, I draw a section showing inside the snake

“The people always need to have some explication”

Saint-Exupéry: *The Little Prince*



My Concern:

Architects & Urbanists ethical reason:

**Make the human life on
Earth more comfortable
and sustainable.**



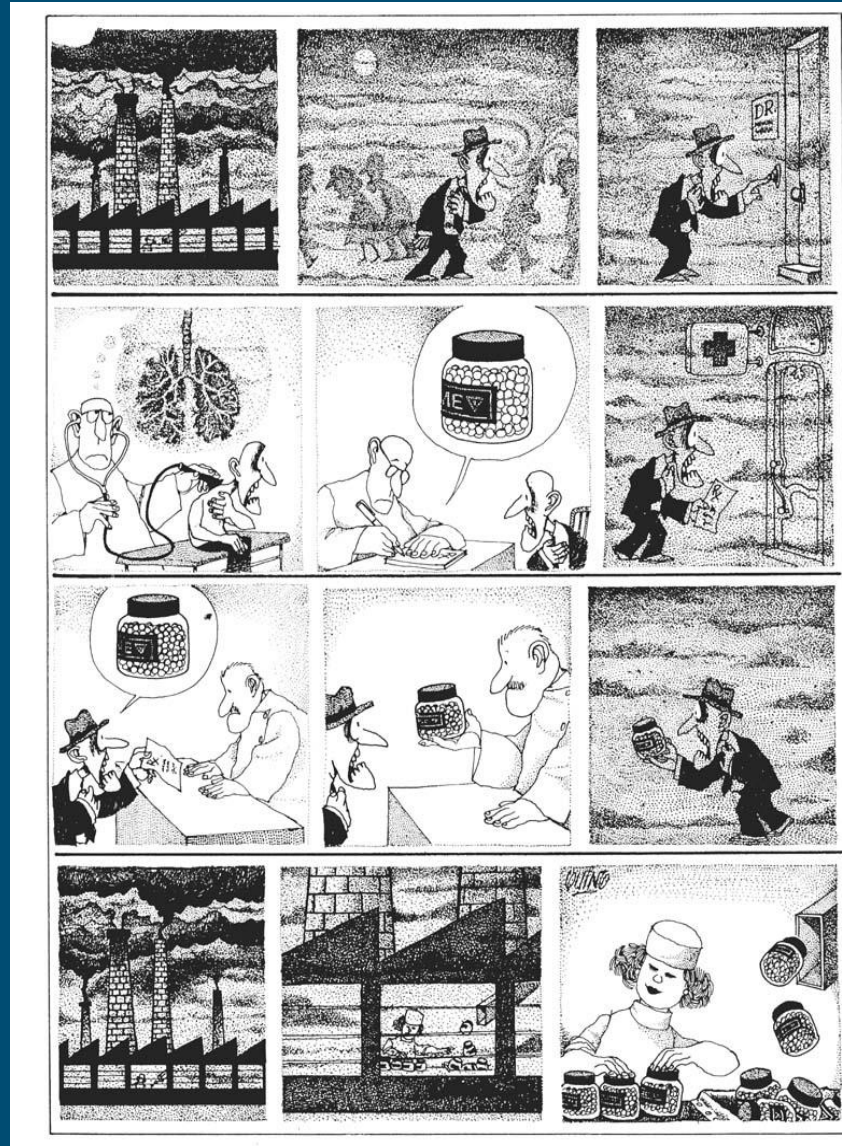
Conceptual Influences:

- **The observer** doesn't depend of the reality (Maturana & Varela)
- **The allegation of objectivity and universality in Science** is an moral affirmation, not an ontological affirmation (Maturana)
- **Cognition** is not representation, but enaction [action-based] (Varela, Thompson & Rosch)
- **Observation and experience** are constructions (Latour)
- **Knowledge** doesn't have to reflect "the exterior real world", but "an interior real world" (Latour)



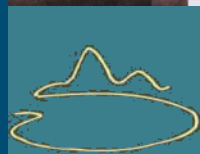
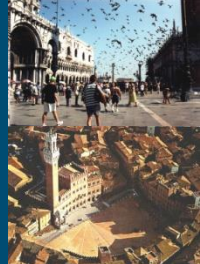
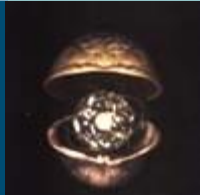
My Agreement:

- **Architecture & Urban Environment:** cultural surrounding
- **Culture:** biologically framed by the human beings
- **Human groups:** adapt them selves & frame their environment
- **Human beings & Urban Environment:** productors & results of culture

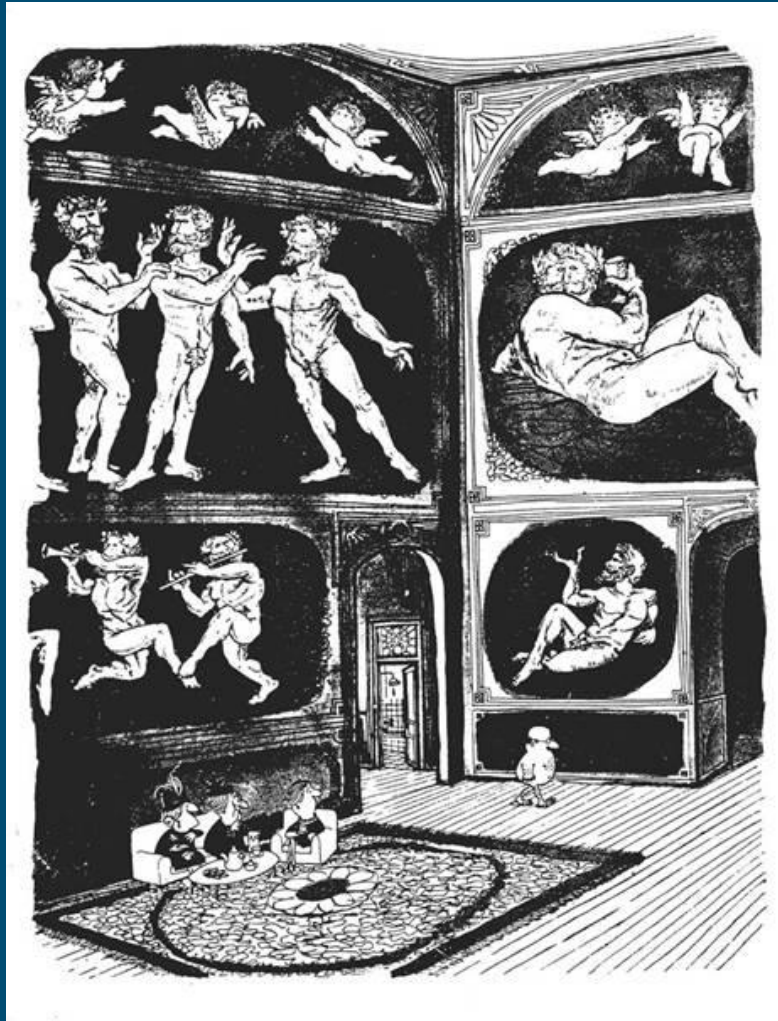


Embodied Observation:

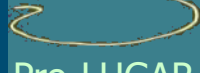
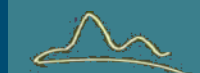
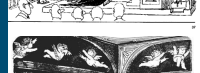
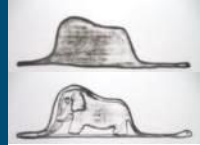
- Embodied perceptual sense & the observer emotions experienced in your observation
- Observer conscientiously allow himself to be influenced by the stimuli produced in his environmental observation experience.
- Experience what the mind is doing during the observation.



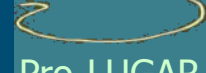
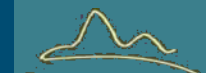
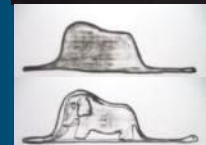
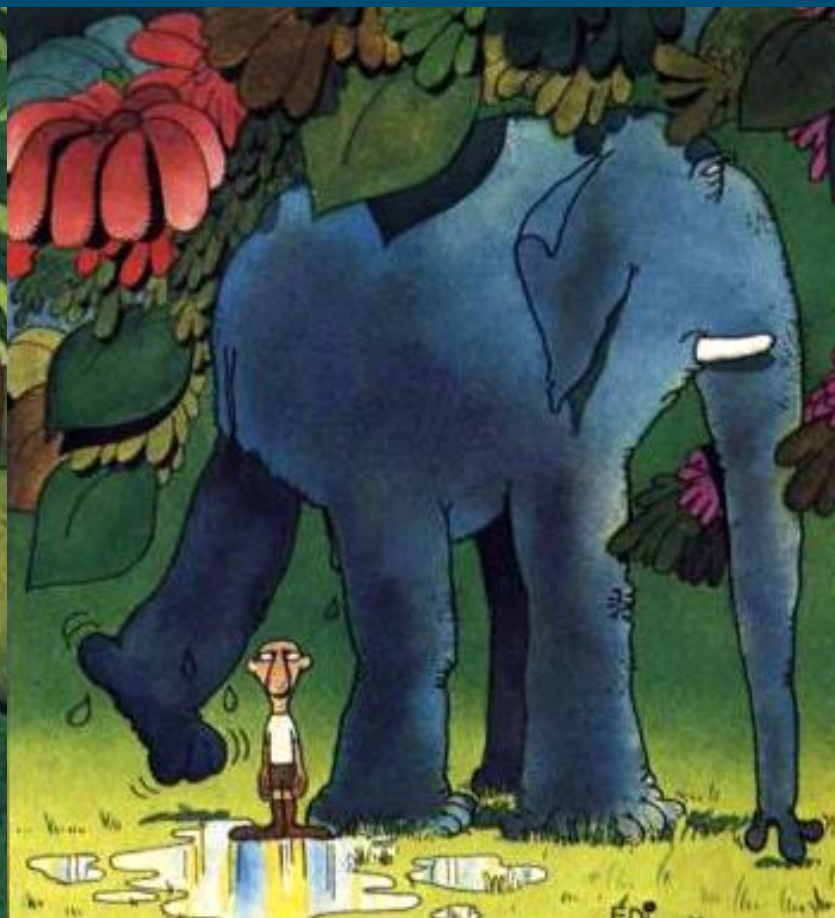
Relativity of a “Context that Happens”



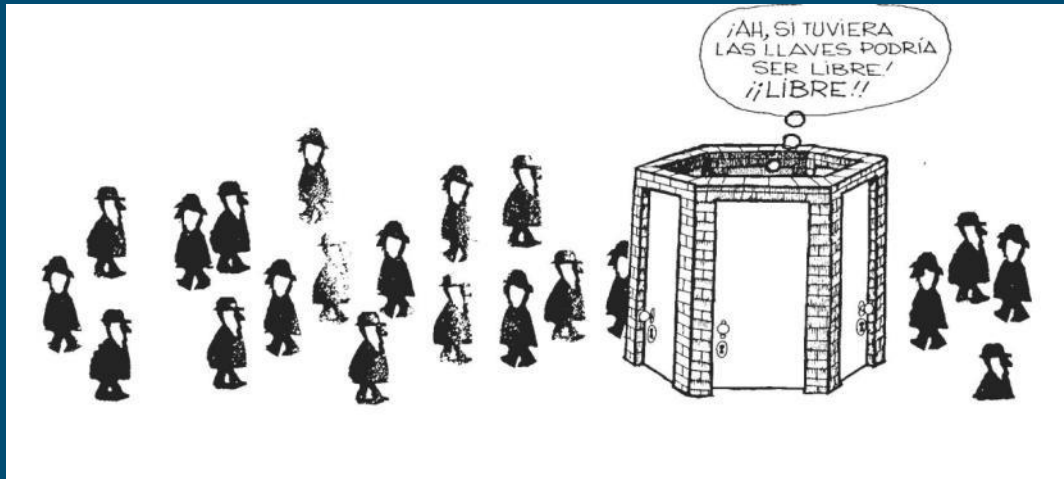
The appearances mistaquen (1)



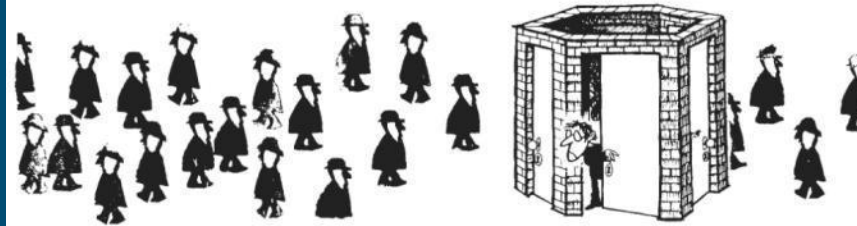
The appearances mistaken (2)



Invisible Aspects & Visual Analysis:



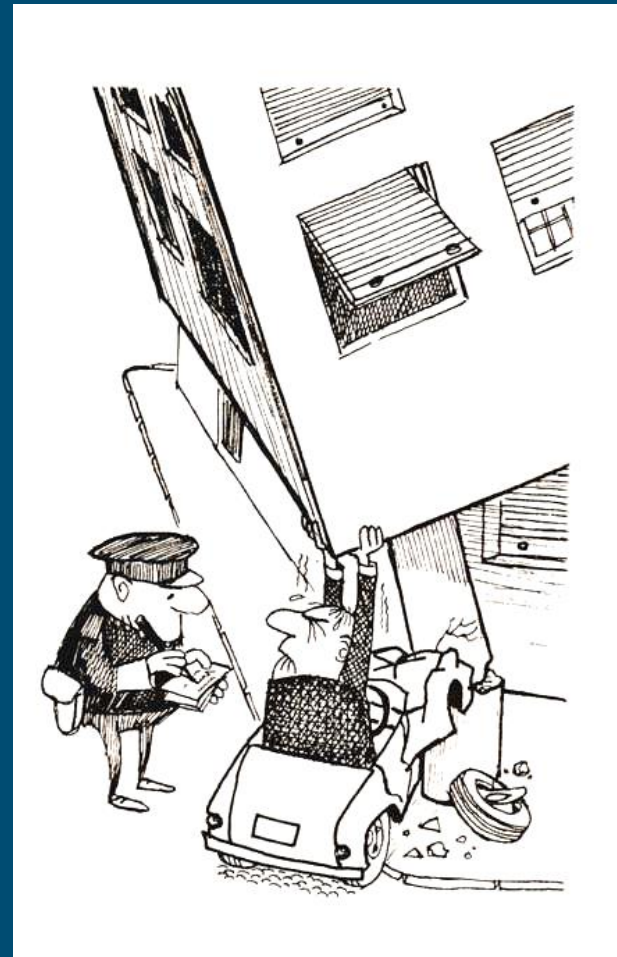
If I have the keys,
I could be free!
FREE!!!!



I locked all these
doors and nobody
could pull my
freedom!
NOBODY!



Wishes Users & Legal Standards:



Methods & Tools:

Deriving Walking Tour

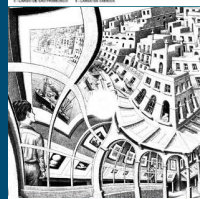
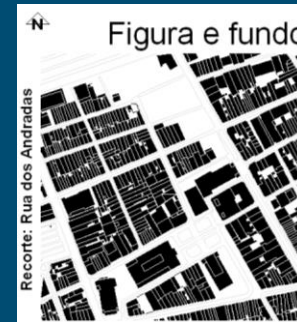
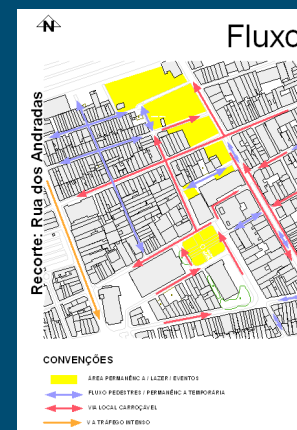
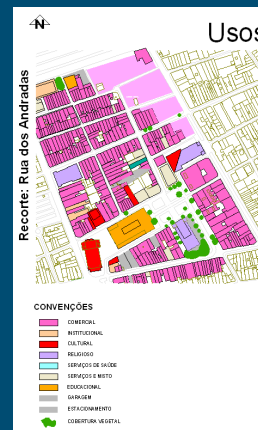
Experience relates

Figure-Ground

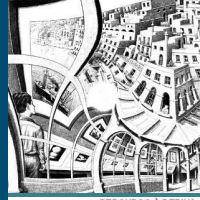
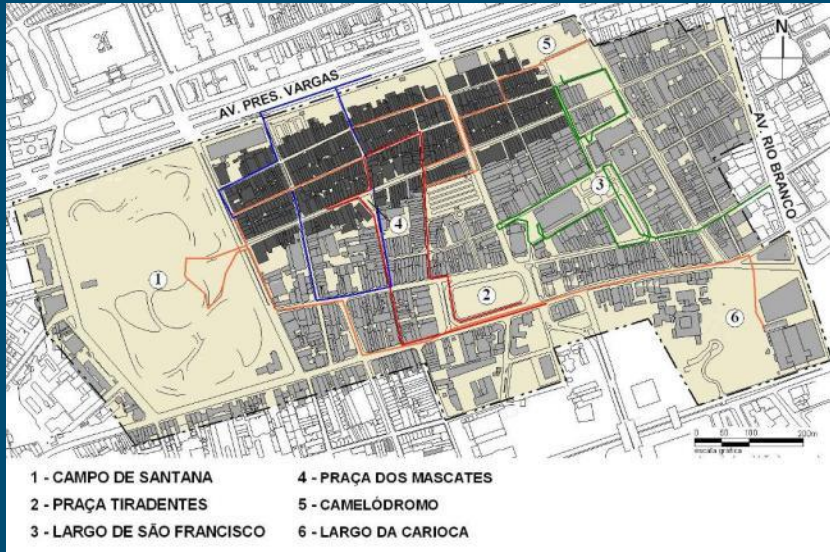
Serial Views

Flux Maps

Use Maps



Visual Mapping + Walkthrough:



Urban Area with 4 Deriving
Walkthrough Tours indication
Marking areas indicates SAARA's
limits and their influence amplitud.
Author: Denise Alcantara 2008



Serial Views:

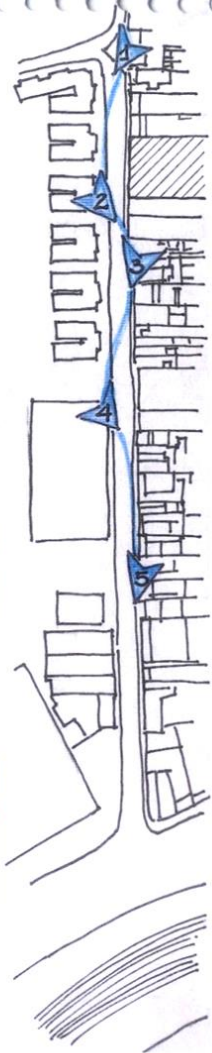


LEGENDA:

- | | | | | | | |
|------------------|-------------------------|--------------------|------------|-----------|-------------|---------|
| ■ TELHA CERÂMICA | ■ REVESTIMENTO CERÂMICO | ■ EMBOÇO / PINTURA | ■ CALÇADA | ■ ASFALTO | ■ VEGETAÇÃO | ■ POSTE |
| ■ TELHA AMIANTO | ■ REVESTIMENTO PEDRA | ■ ESSUADRIA | ■ VEÍCULOS | ■ SOMBRA | ■ MONTANHA | ■ CÉU |



LINHA DE PANSAGEM



VISÃO SERIAL

R. DR. PADILHA

PAI - 2002/01

LEDA KOBAYASHI, SANDRO APAÚJO, TATIANA BARRETO

Basic Urban Uses



Black boarding sea areas:

- Earthworks' walls and ripraps

Black blocks:

- University buildings

Dark grey areas:

- Flamengos' Park & Widow Hill.

Light grey lines:

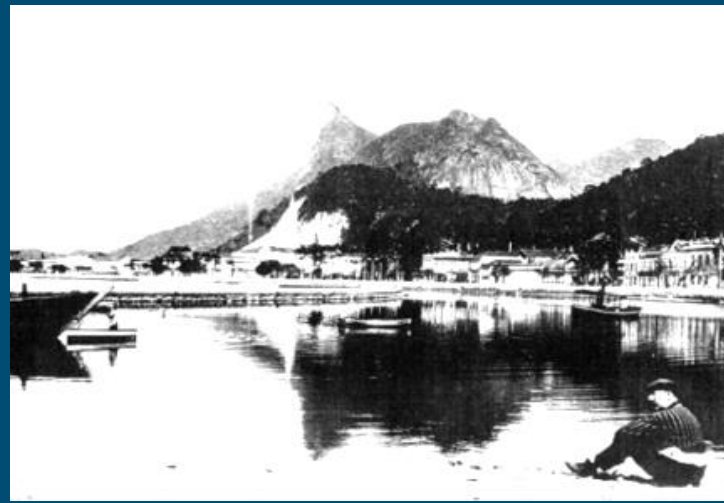
- Roads and Subway



Evolution [!?!]



1824 - Rugendas



1906 Works Agache's Plan



2003



Postcard with “Warty” Surface



Exemplar testimony

of the

“Urban furor”

Drummond & Bandeira



Skyline:

Random relation between buildings and hills natural skyline.

Grinding landscape caused by isolated object building conception and a disdainful context relationship: **monuments of the irrationality.**

Set of buildings: appropriative look out promote landscape degradation and visual barrier

Natural & cultural boundaries replaced by technical economic & politic limits = impersonal, inhumane and cold, but “rational”



Building-wall & Discontinuity



“Building-wall”:

Evidence of the site’s irrational occupation & disregard of the natural landscape

> **Technicist Attaint.**



Fernandes Figueira Institute

Last hill stretch.

In the back, building tower Apolo (middle) & Osvaldo Cruz Ave. Buildings

> **Building discontinuity**



Template Rupture [1]



Scale Problem:

Apolo Building (28 floors):
Prevalence of real state
interest & casuim of the
public authorities

“Blind Buildings”

Telemar & FGV buildings:
Solar collector – Glass façades
[FGV] East & West oriented
Street “Blind” Frontal Façades



Template Rupture [2]



CAEMI Building:

- Scale problem
- Corcovado view blocked



Argentina Building:

- Glass façades – solar collector.
- Conception disdain microclimate



Template Rupture [3]

São Clemente Street corner:

Template, alignment, color and external appearance

Building blocking Corcovado view



Prof. Alfredo Gomes st. view

Service, Comercial & Housing Buildings

Corcovado [back]

visible only in the street stretch



Building in “Non Aedificandi” and Public Area



Botafogo F. R. Swimming Pool

Privatizing public environmental preservation area

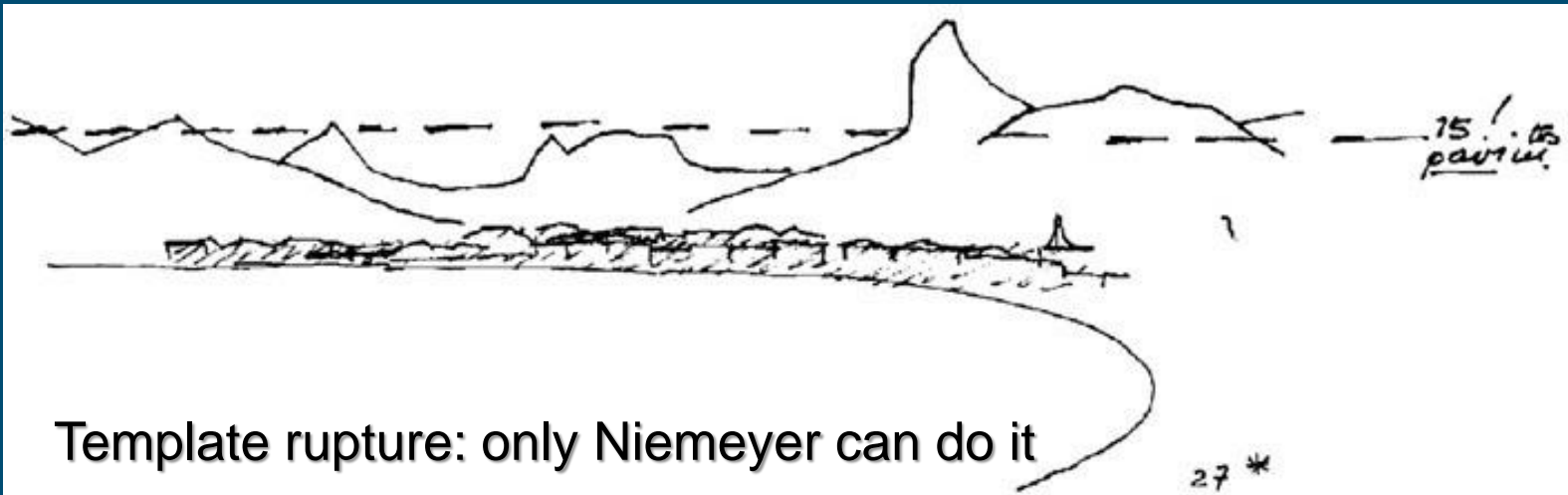
Mourisco “Booble Building”

Extravagance formal.

Appropriative look out promote building & authorities casuism



Monument of Casuism & Irracionality



Template rupture: only Niemeyer can do it



Conclusions:

This set of images evidence the:

- 1 – prevalence of the urban and building design as an work isolated from its physical and cultural contexts;
- 2 – casuistry which this area is treated by investors and authorities;
- 3 – disdain with the natural landscape and the historic and cultural values,

The prevalence of technical and economical reason in the Botafogo Beach area produce a place depersonalized , inhumane, but mimetically 'civilized'



I hope that you understood what I say:



Thank You!

