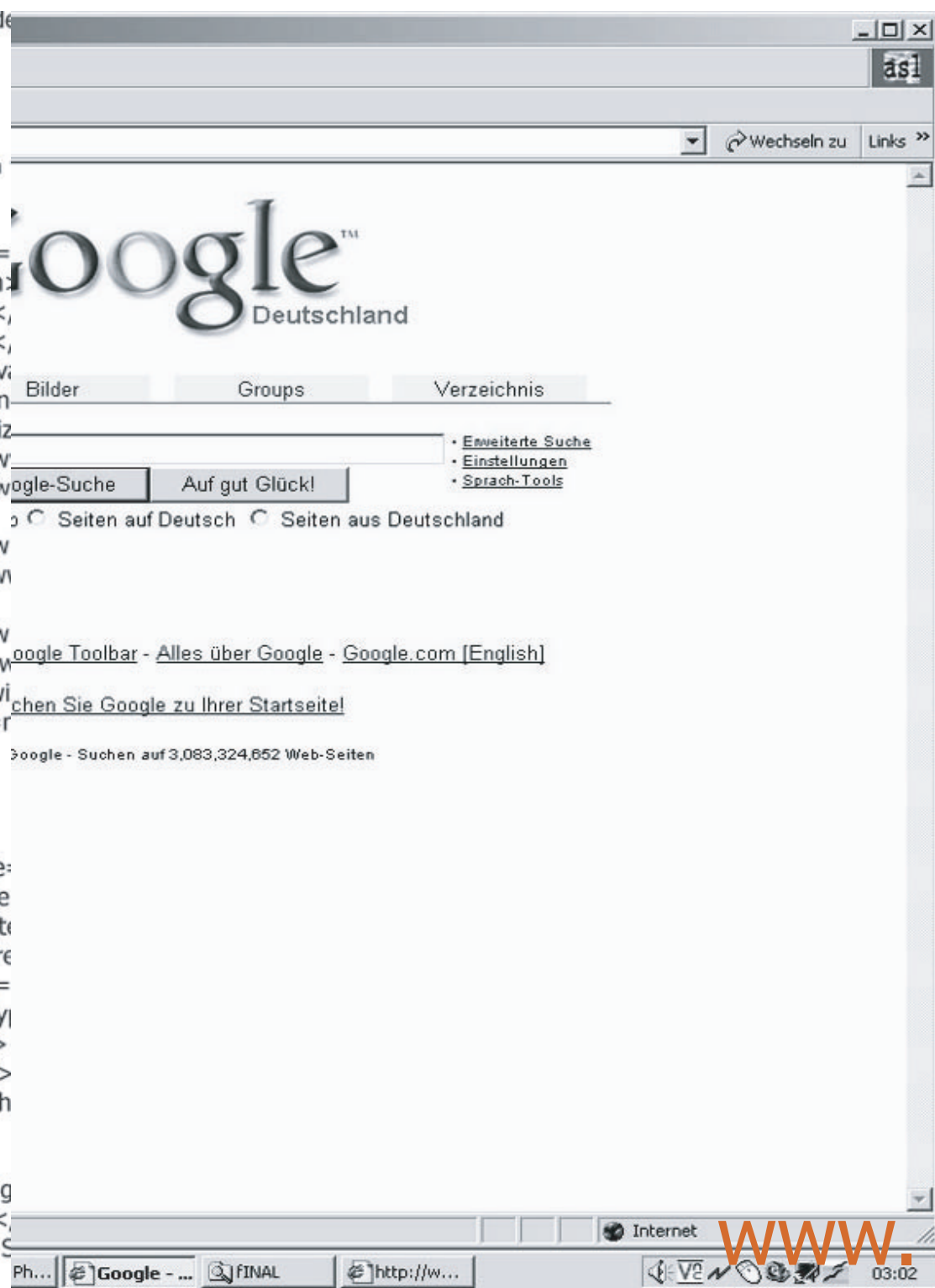


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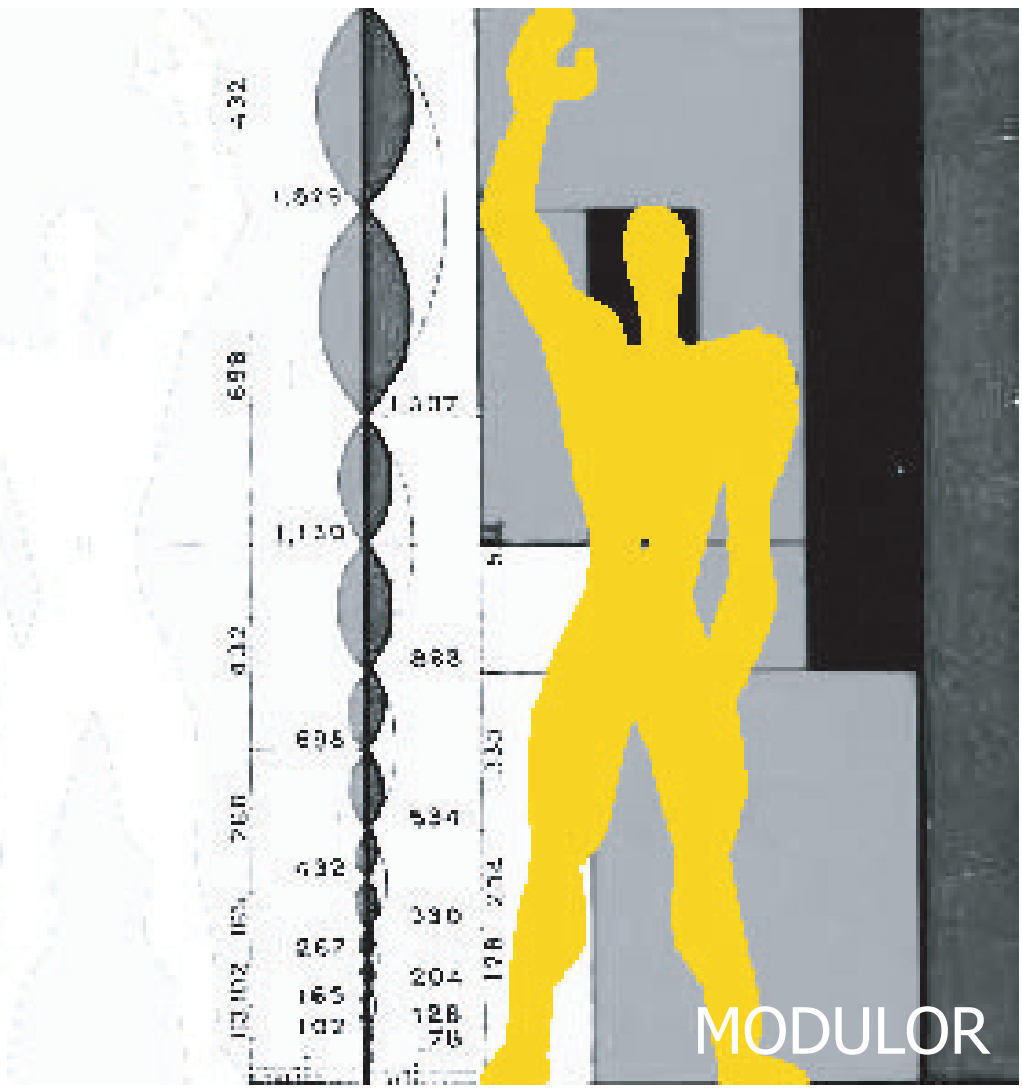
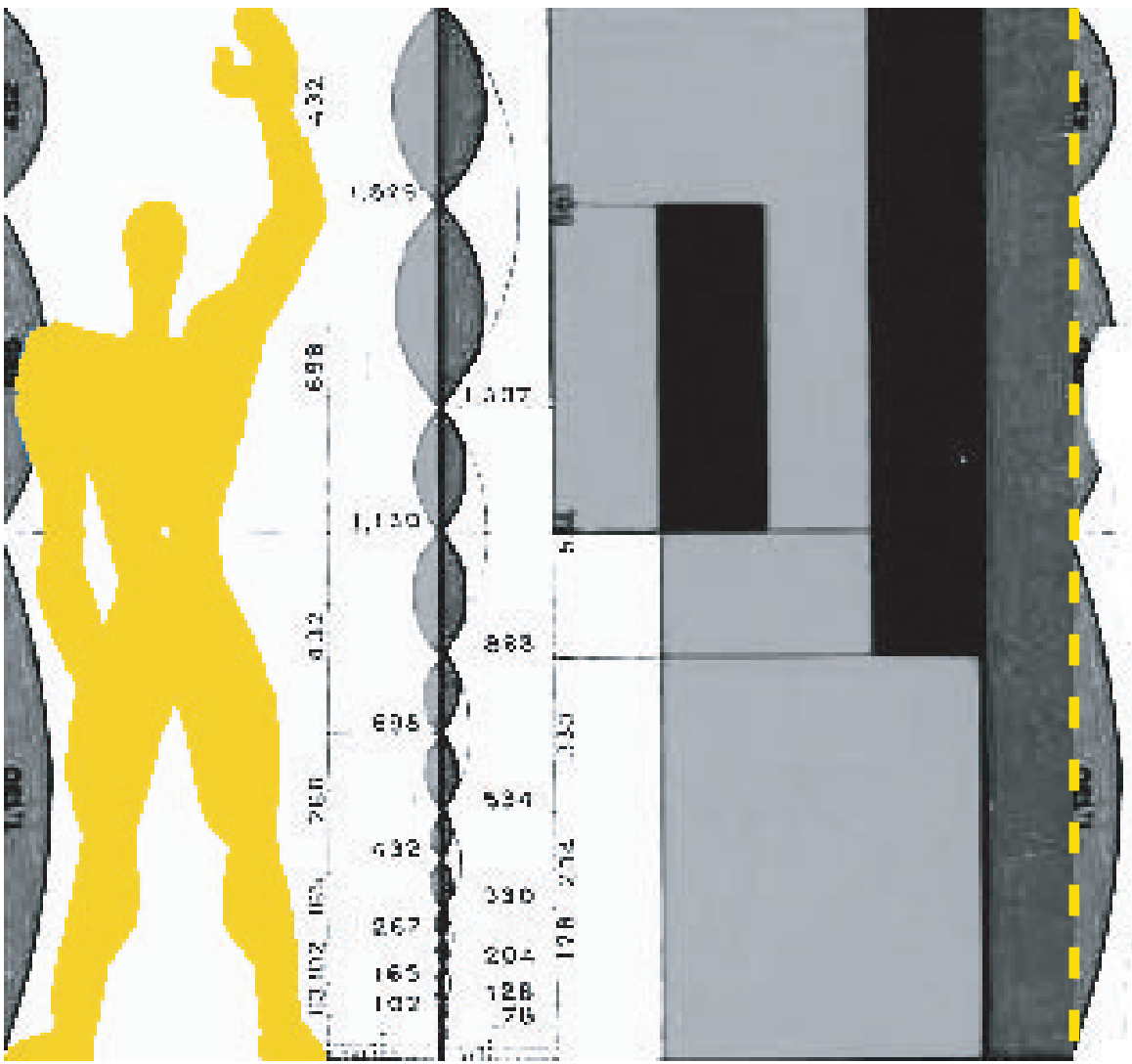


HOLY GHOST

SON

FATHER

TRINITY

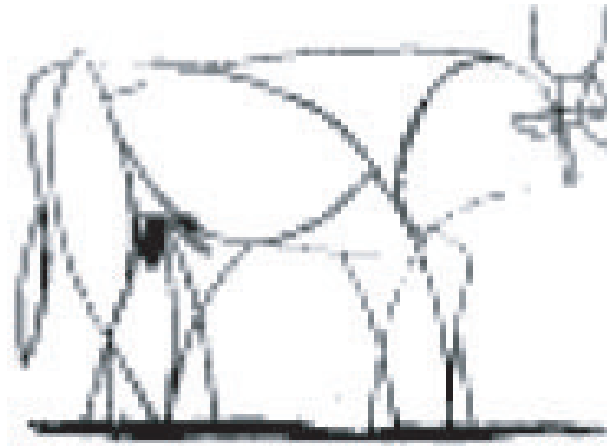


MODULOR

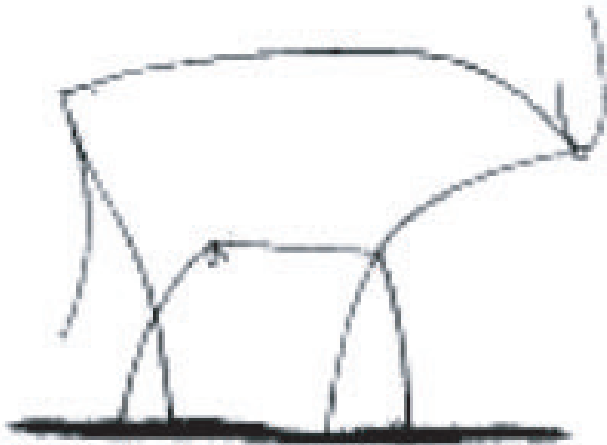
PAINTING



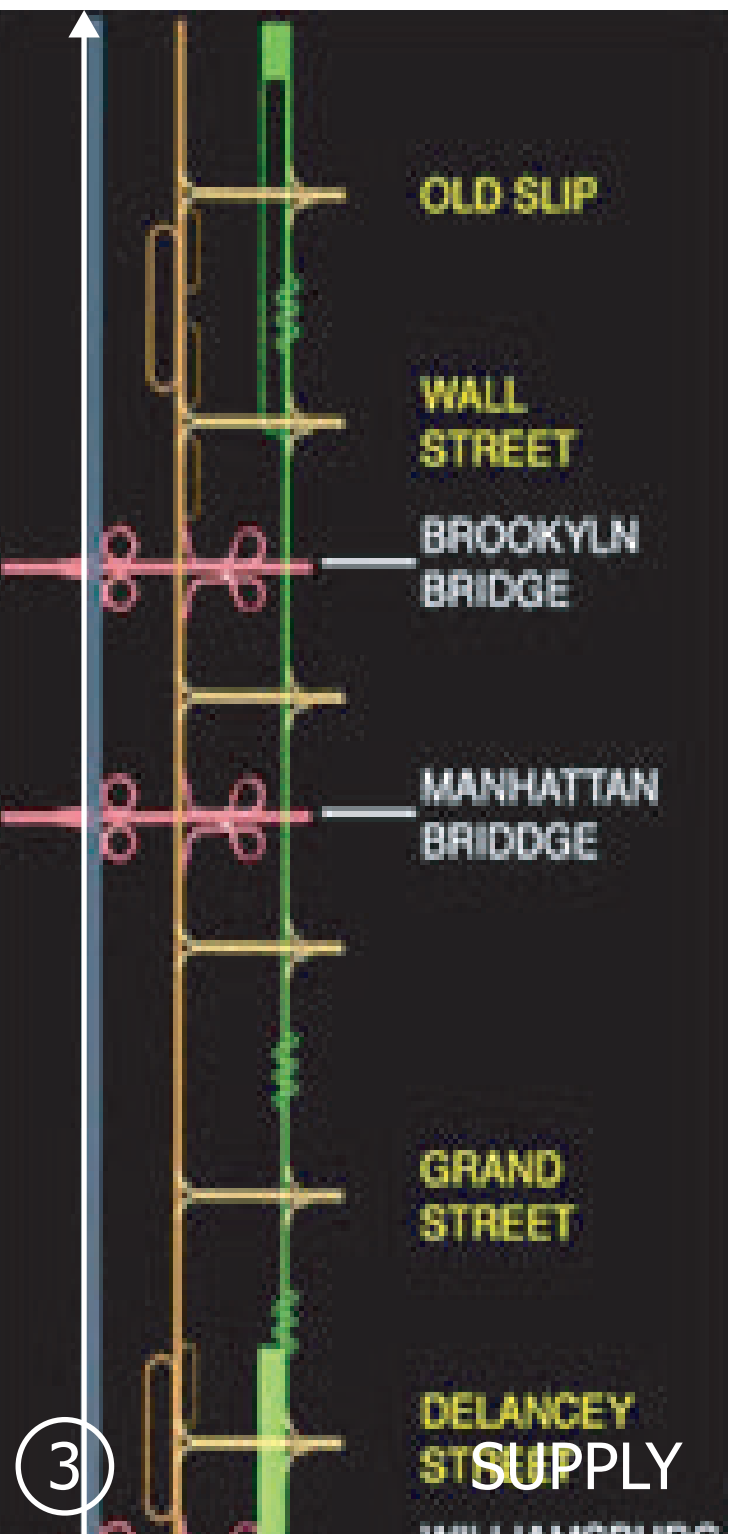
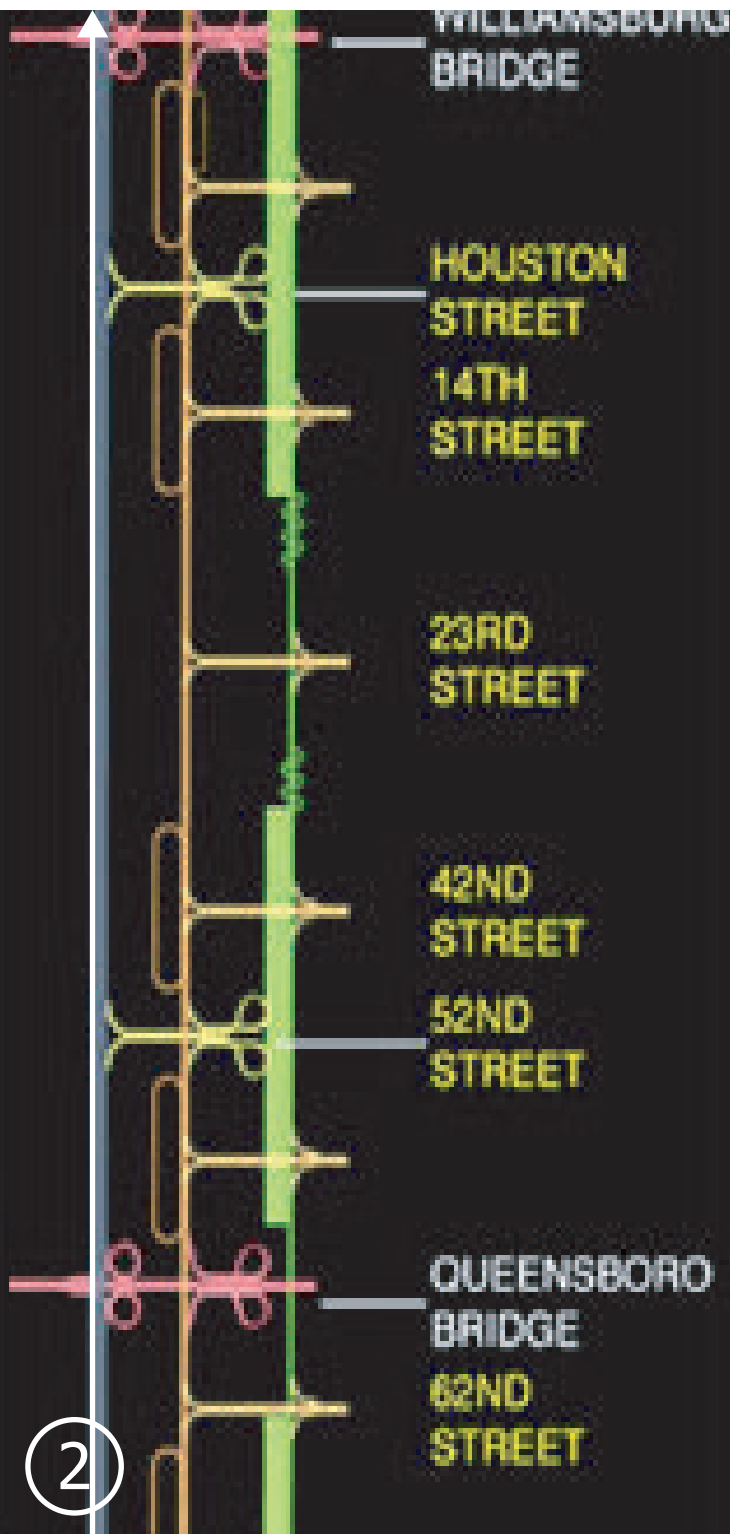
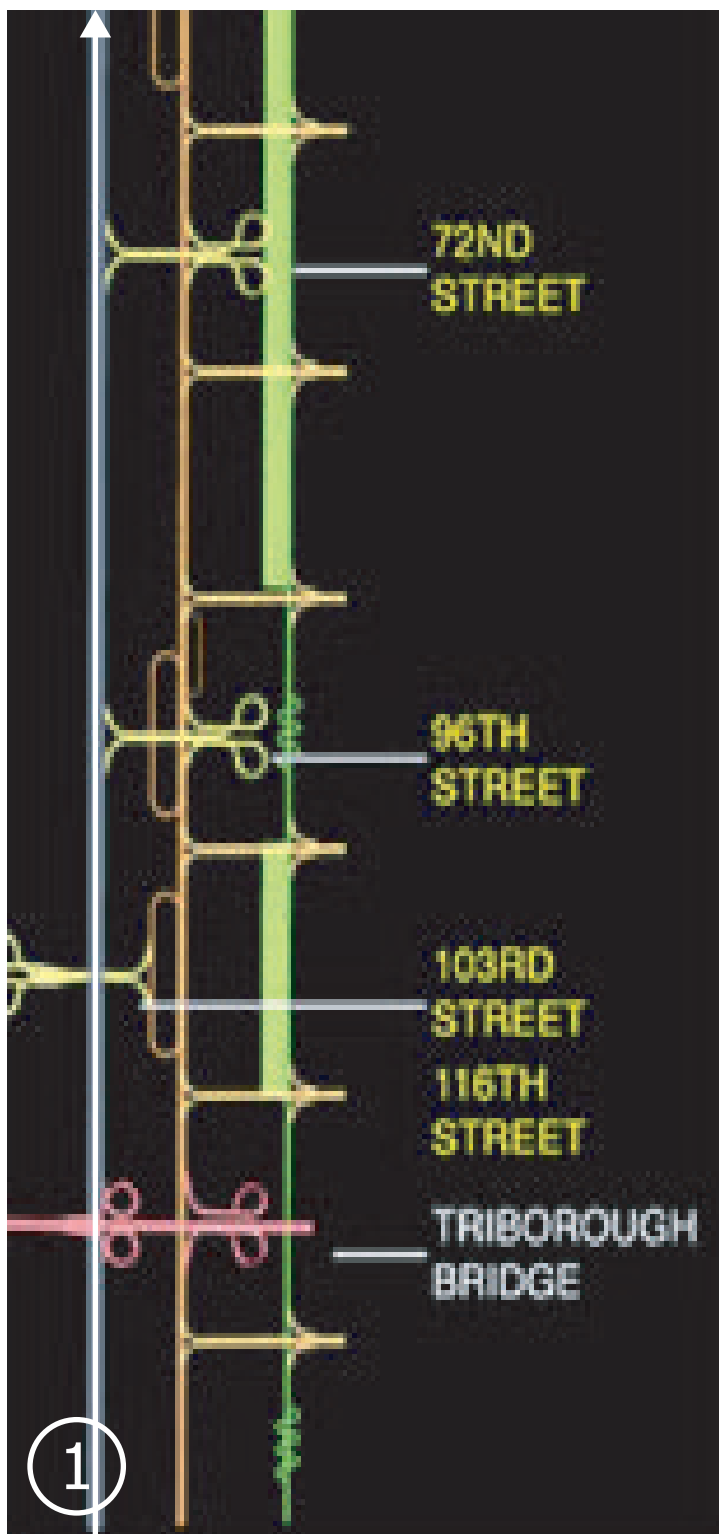
METASTATE



DIAGRAM



PICASSO



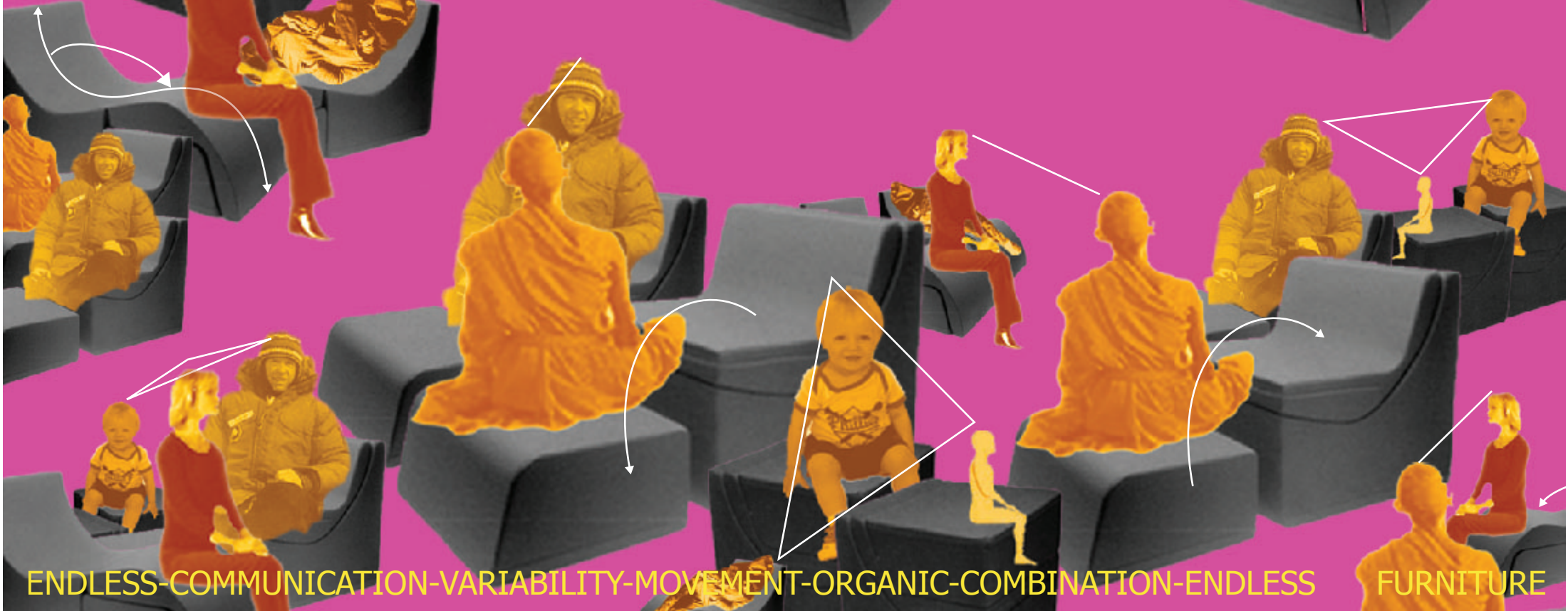
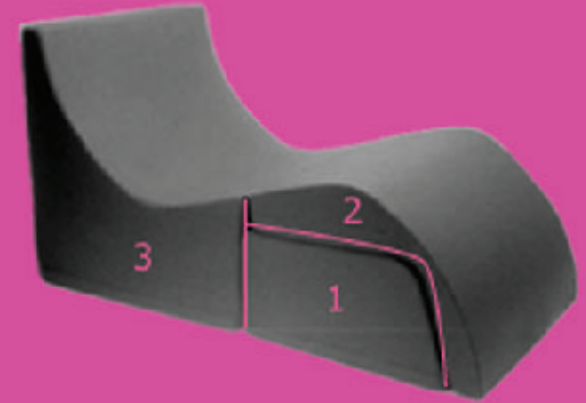
SUPPLY



SQUAT

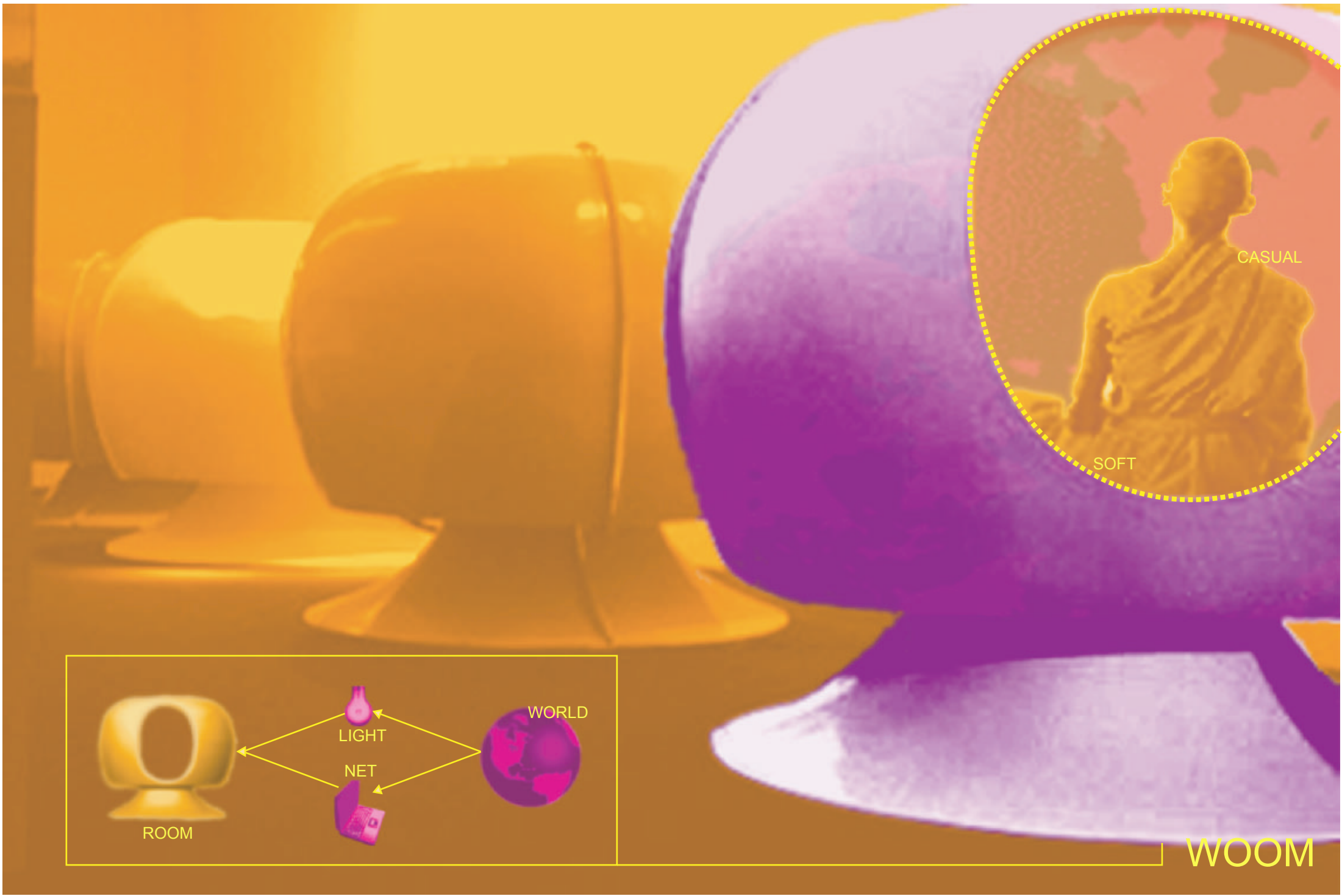
SIT

LIE



ENDLESS-COMMUNICATION-VARIABILITY-MOVEMENT-ORGANIC-COMBINATION-ENDLESS

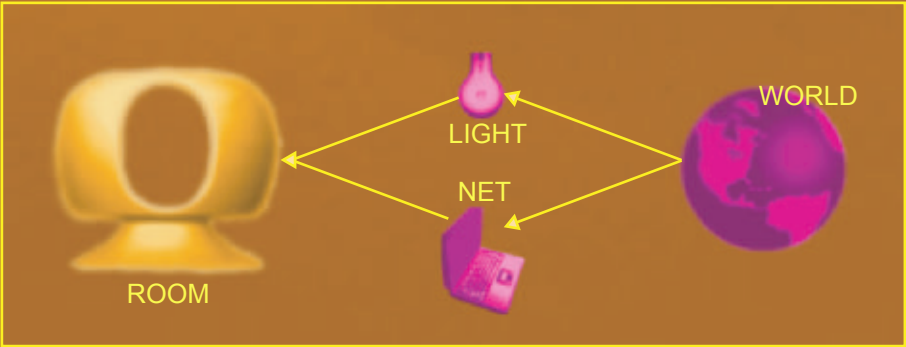
FURNITURE



CASUAL

SOFT

WOOM



INTERLACED EARTH BERMES  
SUBSTRATE FOR CORDUROY SYSTEM



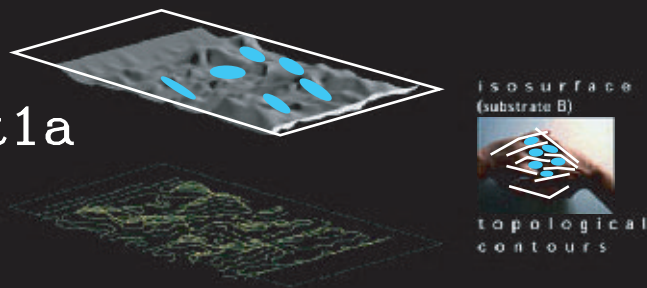
Research about WATER GARDEN  
Ohio, U.S.A.  
1997

Architect: Reiser-Umemoto

student: Alessandra Raponi



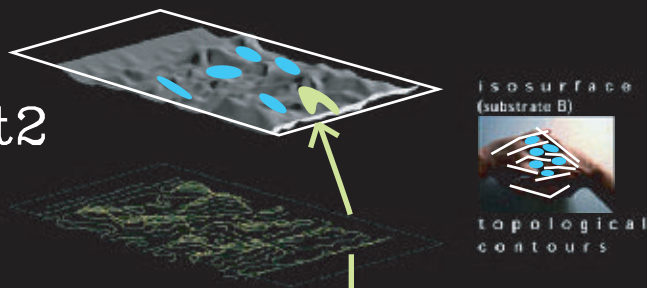
t1a



First strata

While the "origins" of the diagrams that determinate the three strata of the garden could not be more disparate, their exchanges are not.

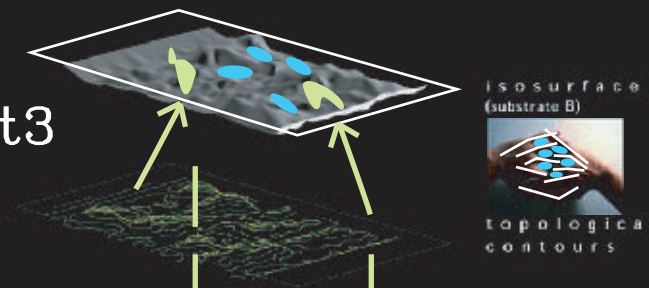
t2



First strata

The magnitude and direction of a force, itll s vectorial resultant finds expression not simply in itself, but non-linearly in the adjoining media.

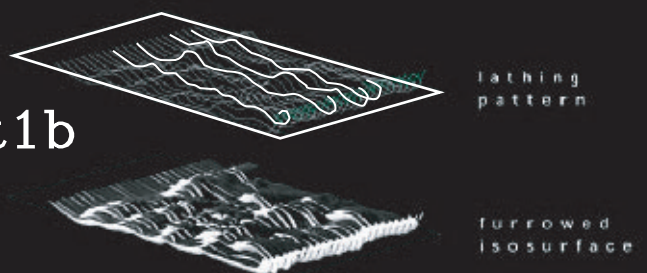
t3



First strata

The changings can have different times ( $t_1, t_2, \dots, t_n$ ) and they are continuous, thus the diagram makes able the form to work with the time.

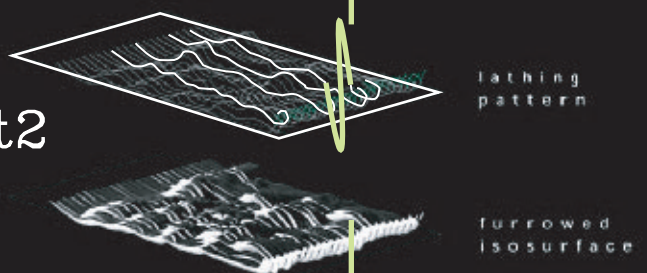
t1b



Second strata

The meaning of the relationship among them arises not in their origins but in the waz the diagrams communicate through their material incarnations.

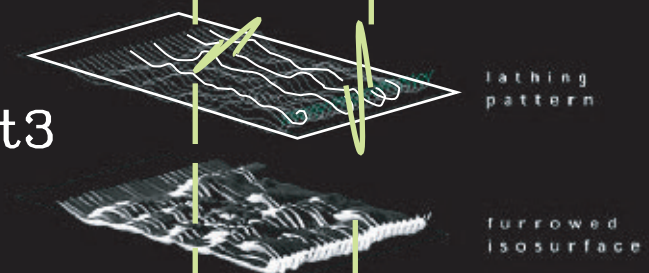
t2



Second strata

The fixed goemetry of the slab exerts a great influence on the system, but this dominance is dissipated by the moving tracks produced from the natural mo-

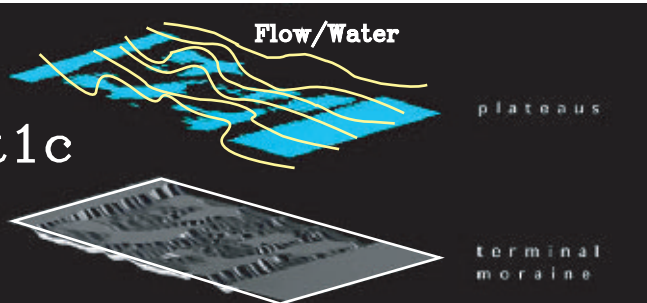
t3



Second strata

When a ghanging comes in one strata, the other strata react too, and modify their aspect.

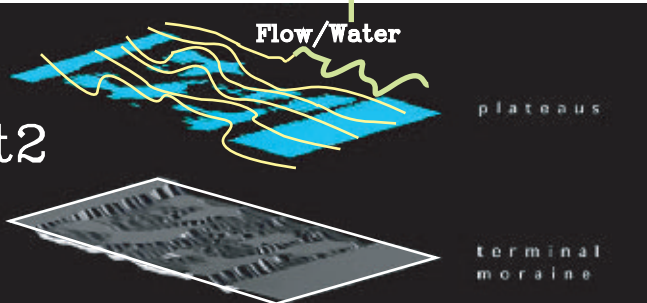
t1c



Third strata

While history is not communicated, force is.

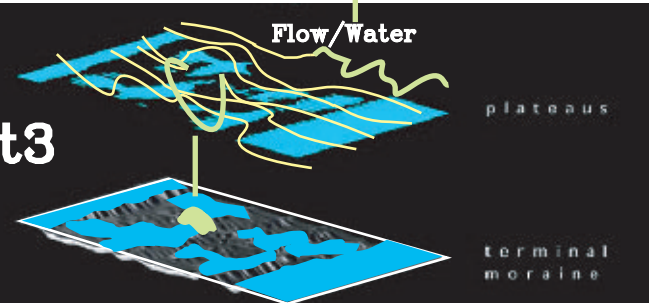
t2



Third strata

vements that are visible in the level of the flow, that is sensitive respect all the changings.

t3



Third strata

...Every change in water level results in a new and changing constellation of puddles and walking surface....

t1

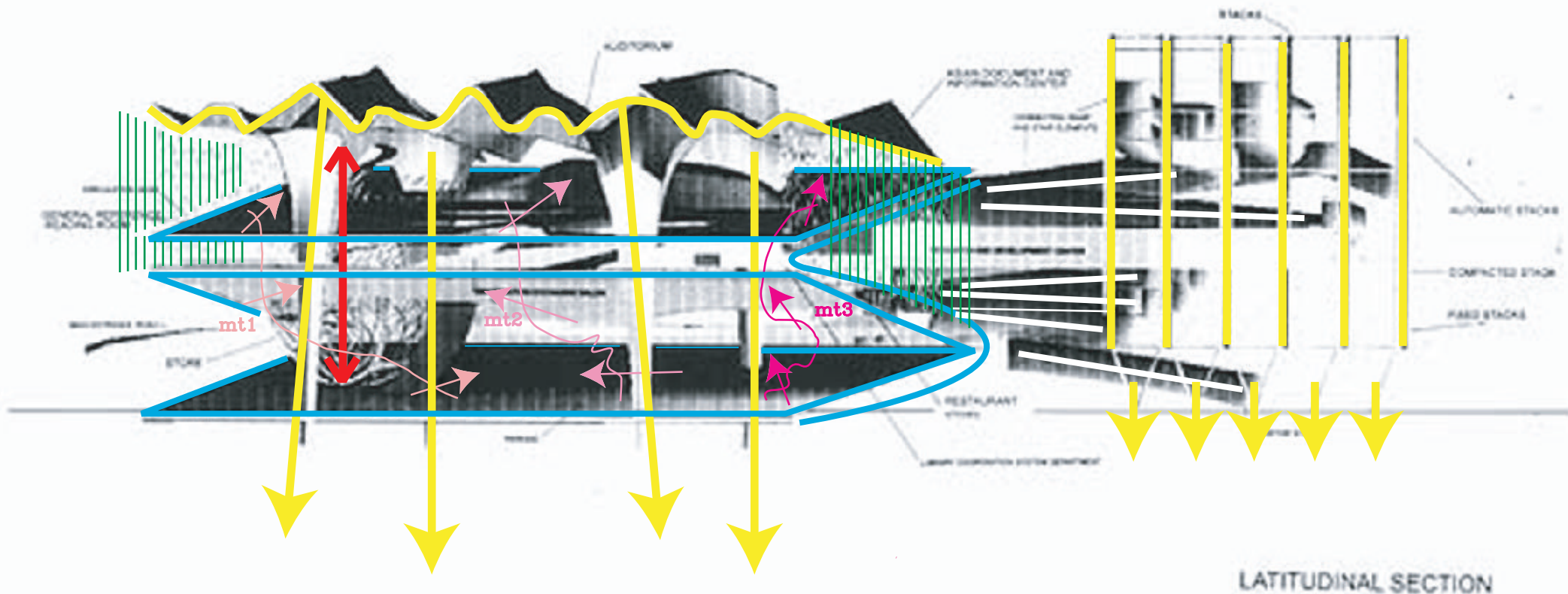
t2

t3


t


The differences between the two buildings are evident also in the structure. In the library it frees the three slabs, and then movements and spatial configurations can change with the activities. In fact a continuous prestressed steel roof would allow the ramps to be suspended. In this building it has been used too a continuous complex surface in order to generate unpredictable configurations.

In the Stack Building the structure is marked by a series of unidimensional floor slabs. Naturally the problems of this building concern the possibility to taking in the books and all the other paper's documents.

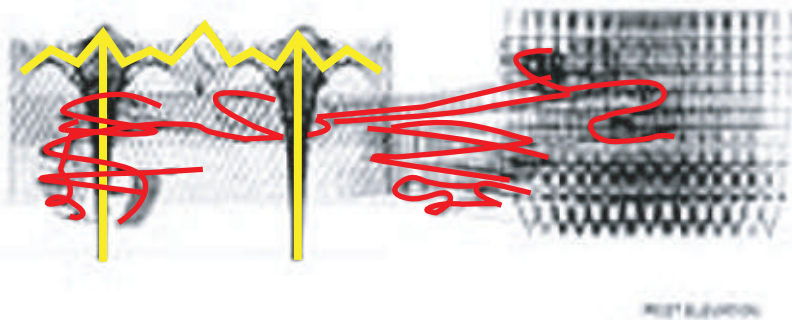


 The structures for the buildings.

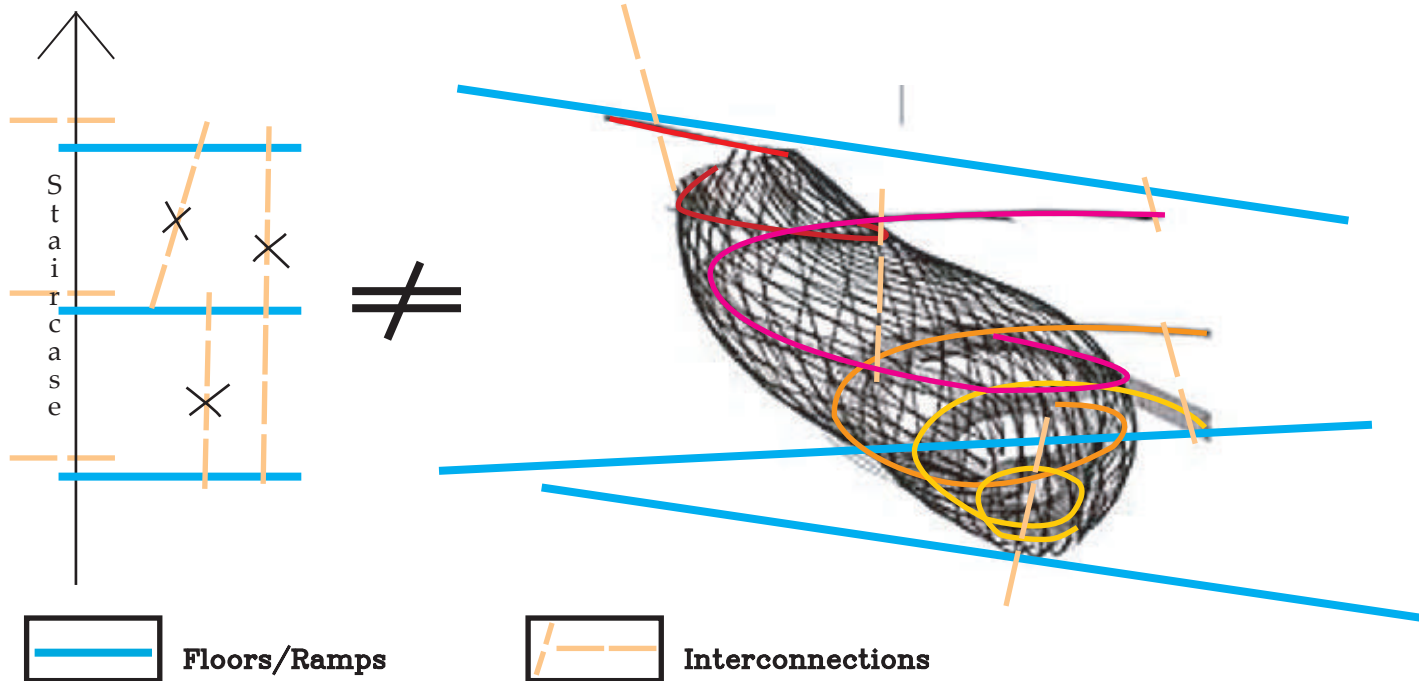
 The lateral surface is totally independent and doesn't make problematic the change of the activities and the spaces inside.

 The suspended ramps create possibility for an interaction of different systems to generate unpredictable configurations.

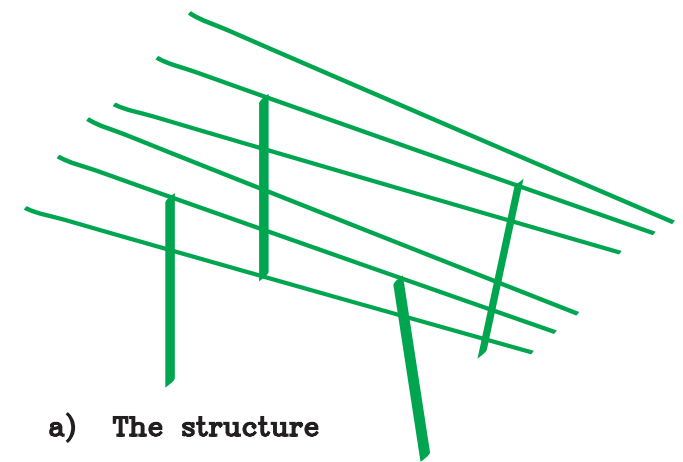
 New activities and new movement(m) during the time(t2) can be accepted by this type of space and each unforeseen creates new relationships between the slabs.



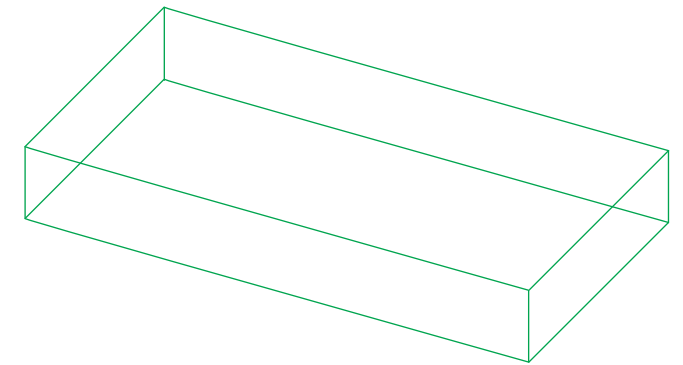
This type of structure allows to include all the possible movement in this space and makes the library completely flexible and opened at each perturbation.



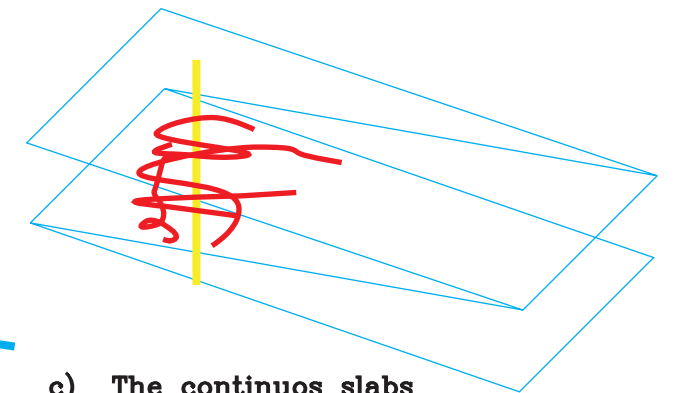
In a normal building the interconnections are between the access and the floors, and because of this the interactions between the systems of the floors are precluded. Using a structure like the geotedic with a structure of continuous slab it is possible to keep this interaction and to accept new others. Differing points of entry allow the relationship between access and place of access to become differing intersections with varying programmatic possibilities.



a) The structure



b) The independent surface



c) The continuous slabs

The three structures connected together give a system extremely free and flexible. The structure a) allows to the ones c) to exist, and the b) structure doesn't create ties in the internal space.



Library: storage, activities, conferences, movements, reading, books...

Which is the relationship between these activities ?

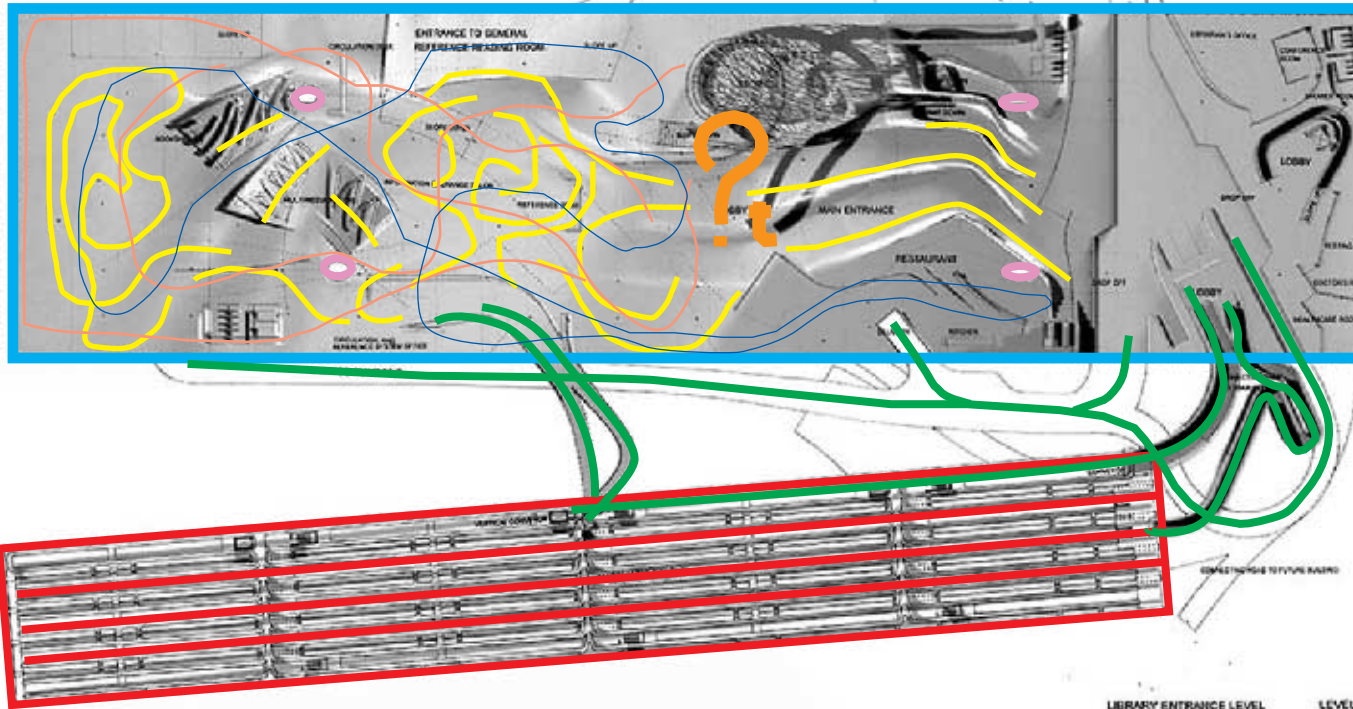
1) Agglomeration

2) Separating and connecting

t All the other activities


Storage

## 2) Separating and connecting



**Storage's Building**

 **Connections between Storage Building and Library Building:** they can change during the time changing also the way of working of the library.



Second possible movement in the second possible spatial configuration of the library in the time t2.



Third possible movement in the third possible spatial configuration of the library in the time  $t_3$ .