DESIGN METHODOLOGY

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- 0. PREFACE - WELCOME - INTRODUCTION
- 1. WAY OF DESIGN
  - - COMPONENTS,
  - - METHODS,
  - - APPROACH
- 5. DESIGN FACTORS
- 6. DESIGN PHASES AND MEMBERS
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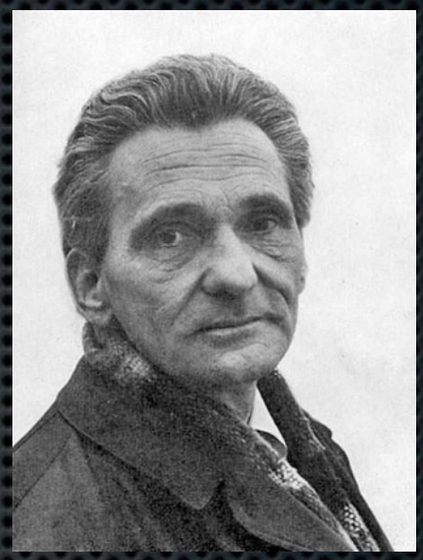
MŰEGYETEM 1782

KÖZÉPÜLETTERVEZÉSI TANSZÉK - DEPT. OF PUBLIC BUILDING DESIGN

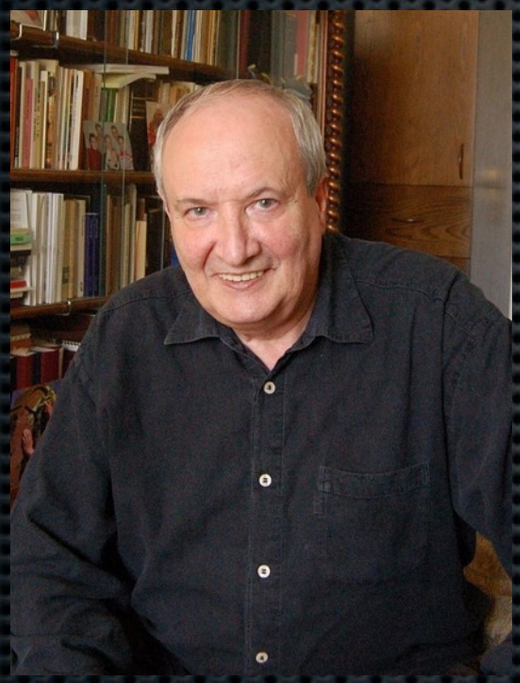
Károly WEICHINGER

Lajos GÁDOROS

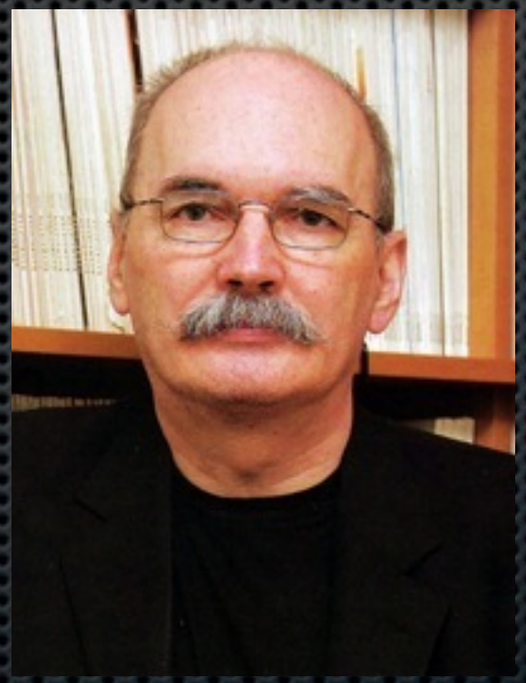
Miklós HOFER



Zoltán FARKASDY

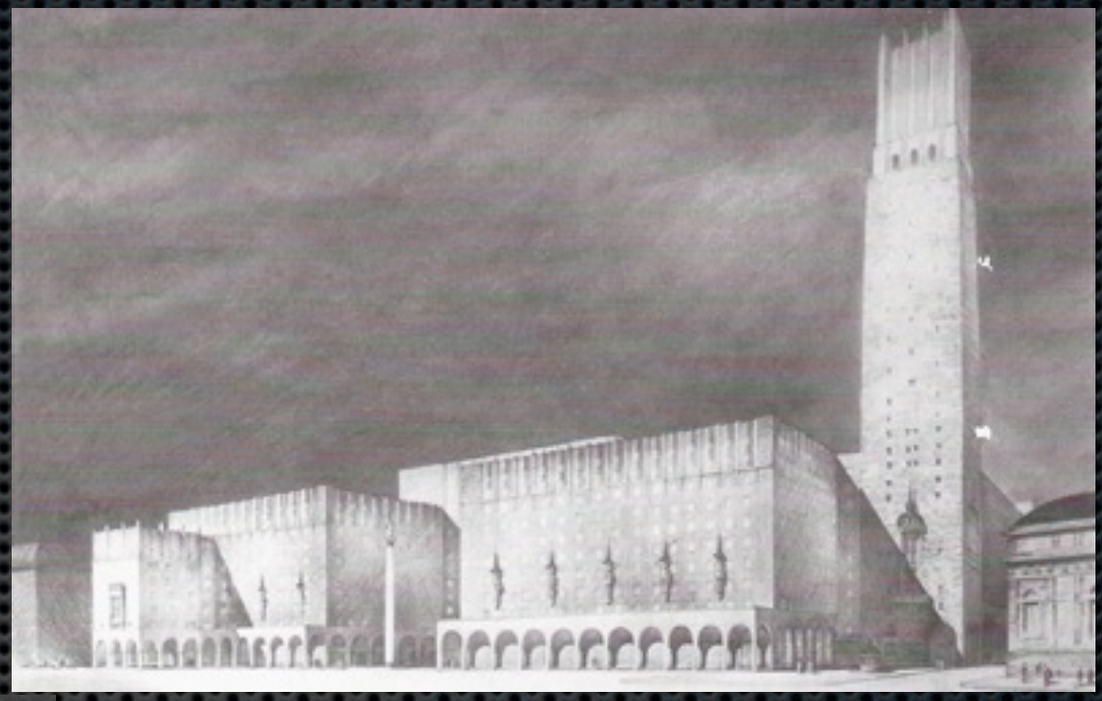


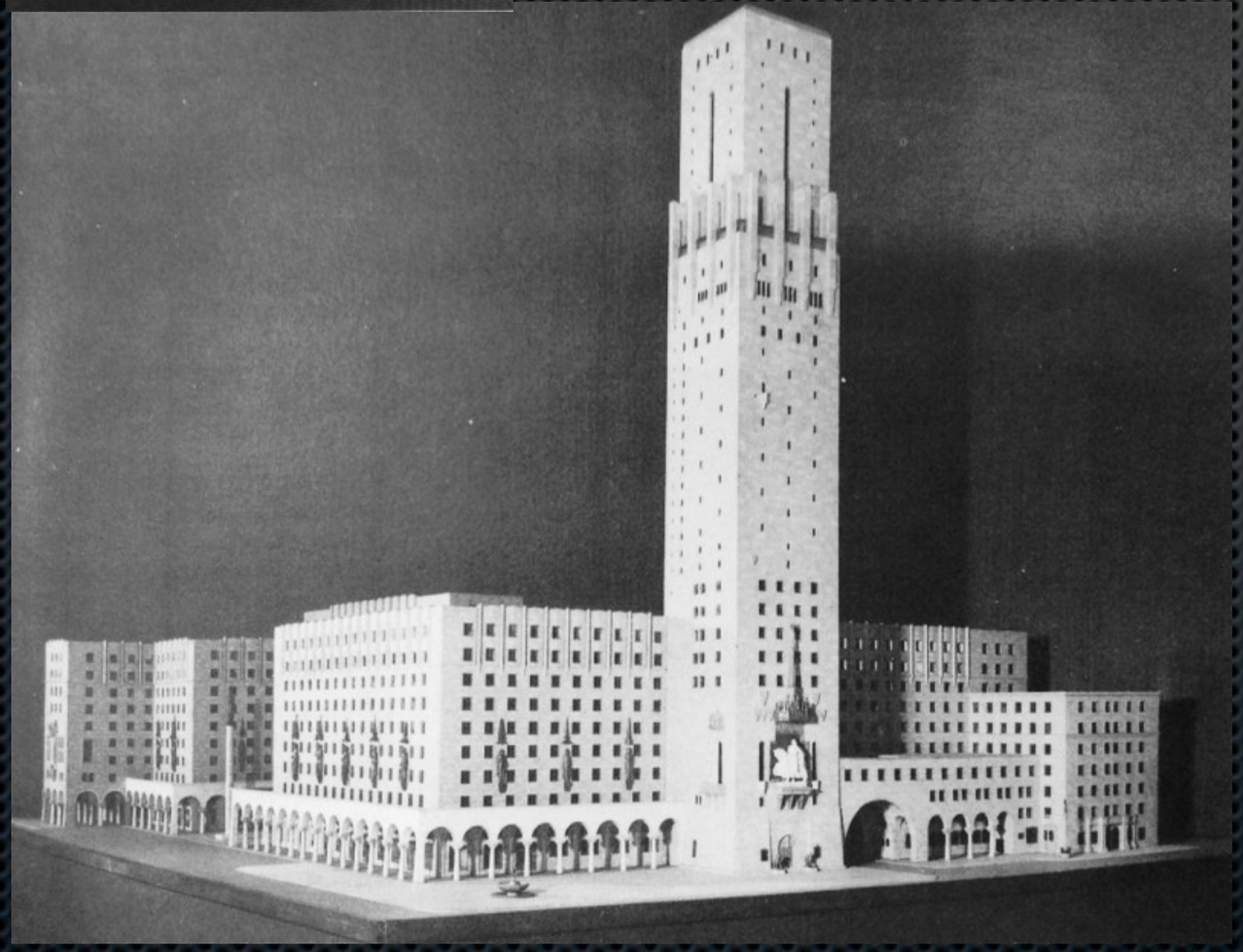
Ferenc TÖRÖK



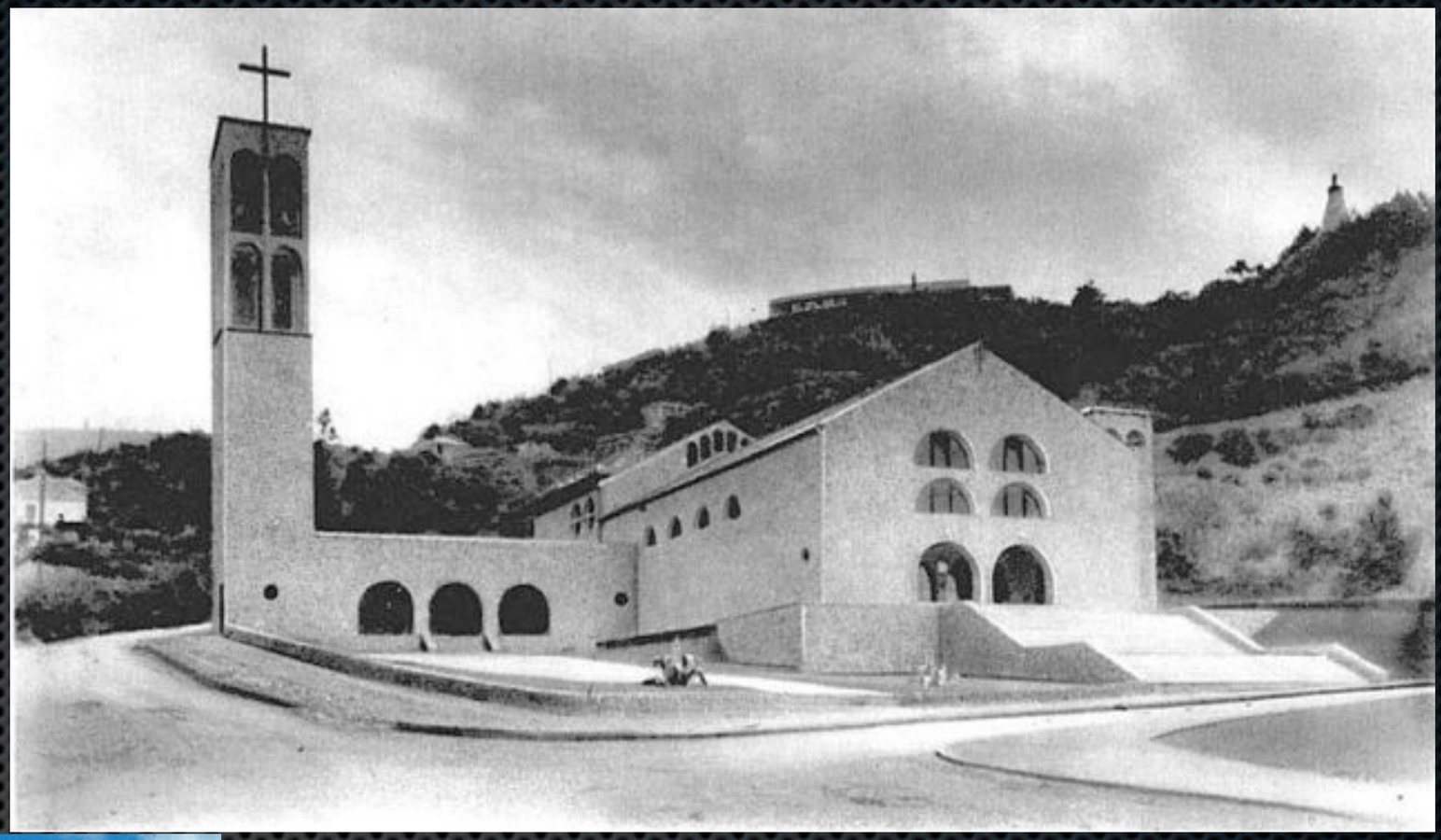
Ferenc CSÁGOLY

Mihály BALÁZS





Károly WEICHINGER



Károly WEICHINGER

KÖZÉPÜLETTERVEZÉSI TANSZÉK - DEPT. OF PUBLIC BUILDING DESIGN

Lajos GÁDOROS

MŰEGYETEM 1782

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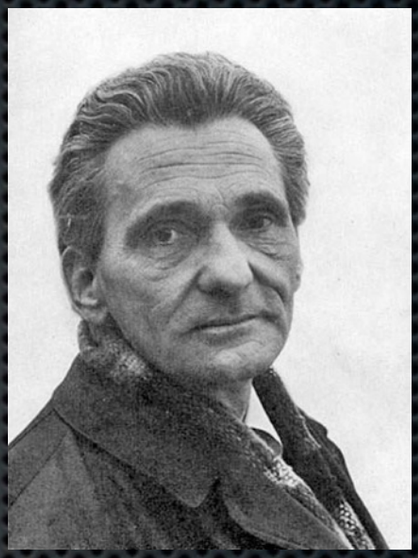

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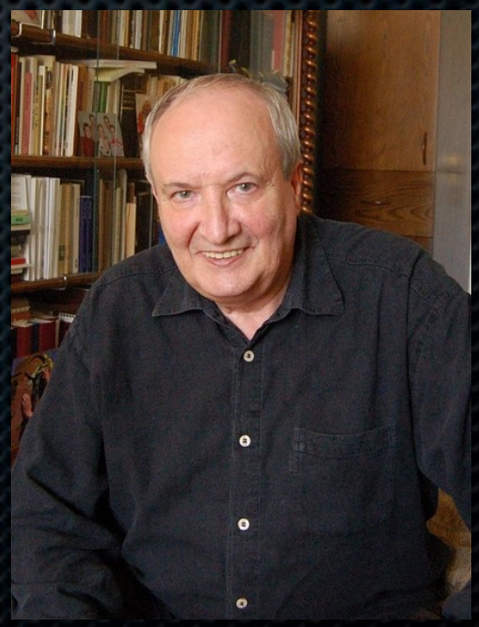

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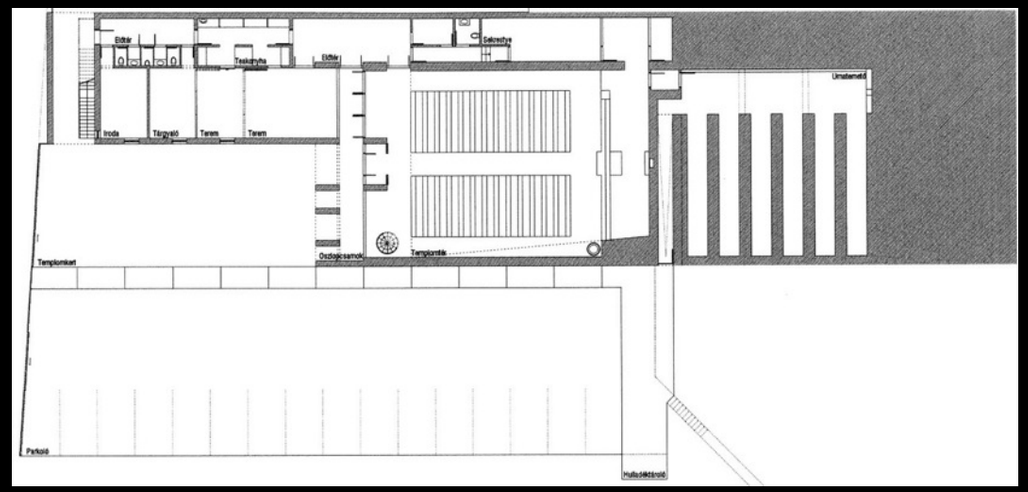
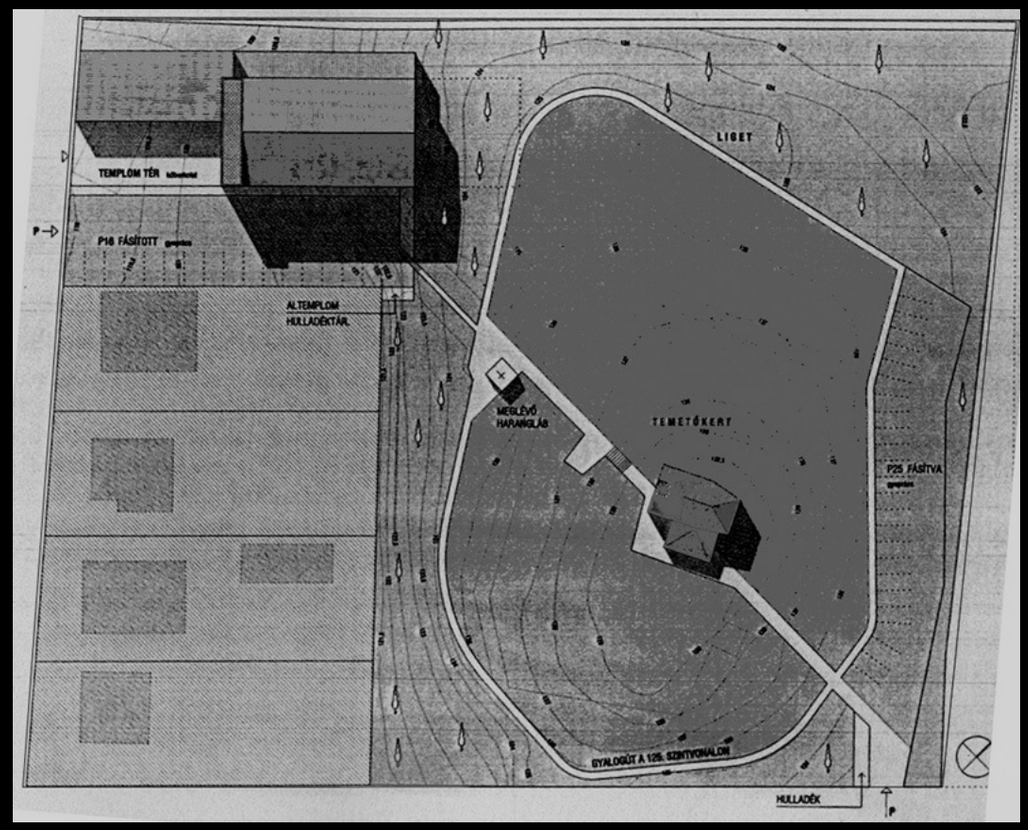
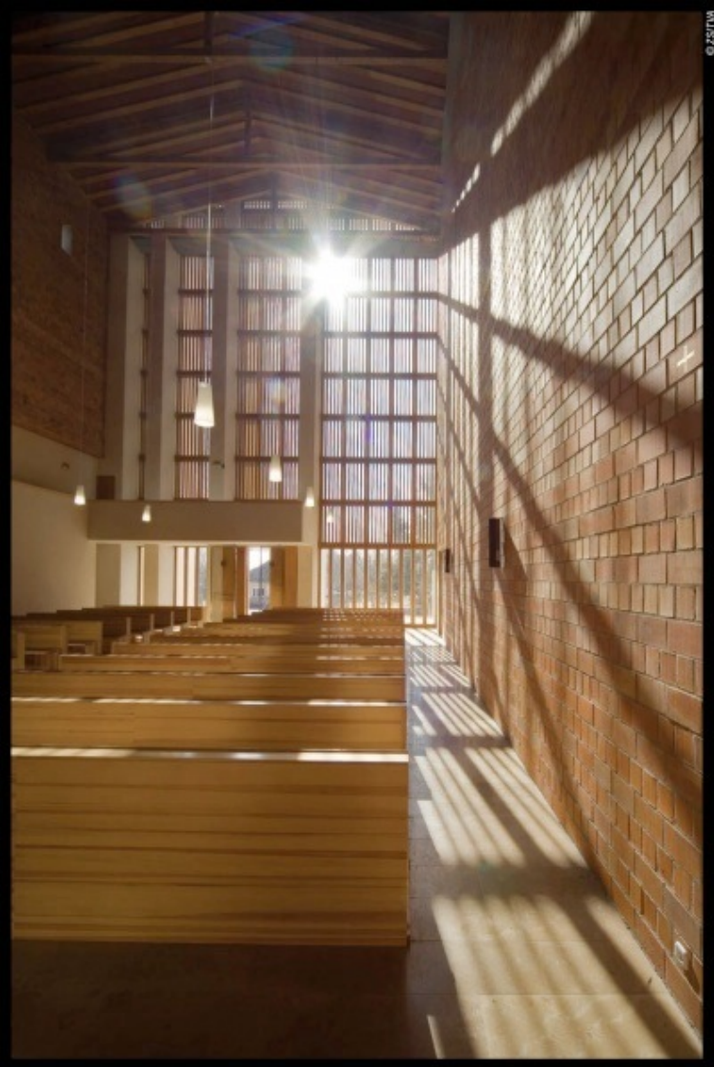




Catholic church Győrkismegyer, Hungary 2011



Catholic church Győrkismegyer, Hungary 2011 Mihály Balázs

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- 1. WAY OF DESIGN

According to the Tao (means “way”!) philosophy: balance and harmony together rule the world.

Our mission is to understand this harmony and keep it in our creations and in ourself too.

1. WAY OF DESIGN

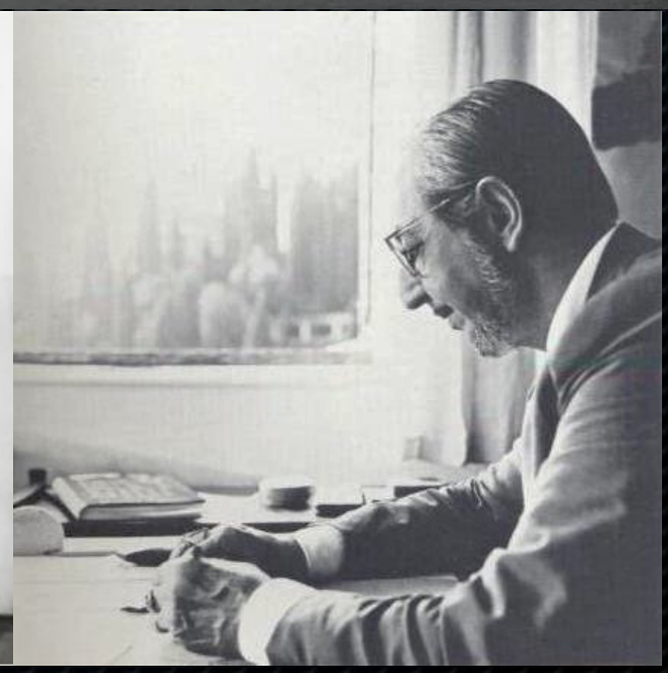
In the way of design we can find

- general = impersonal

and

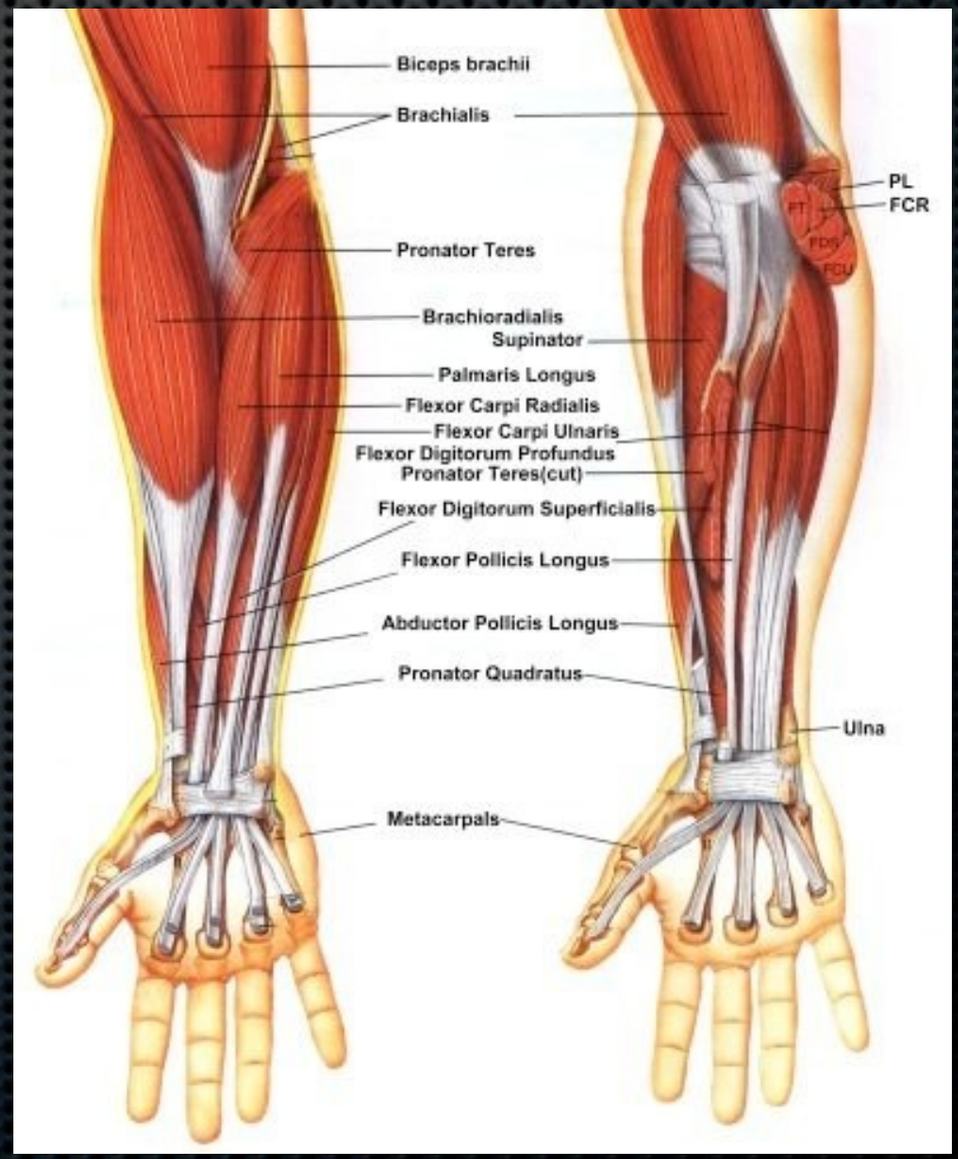
- specific = individual

elements



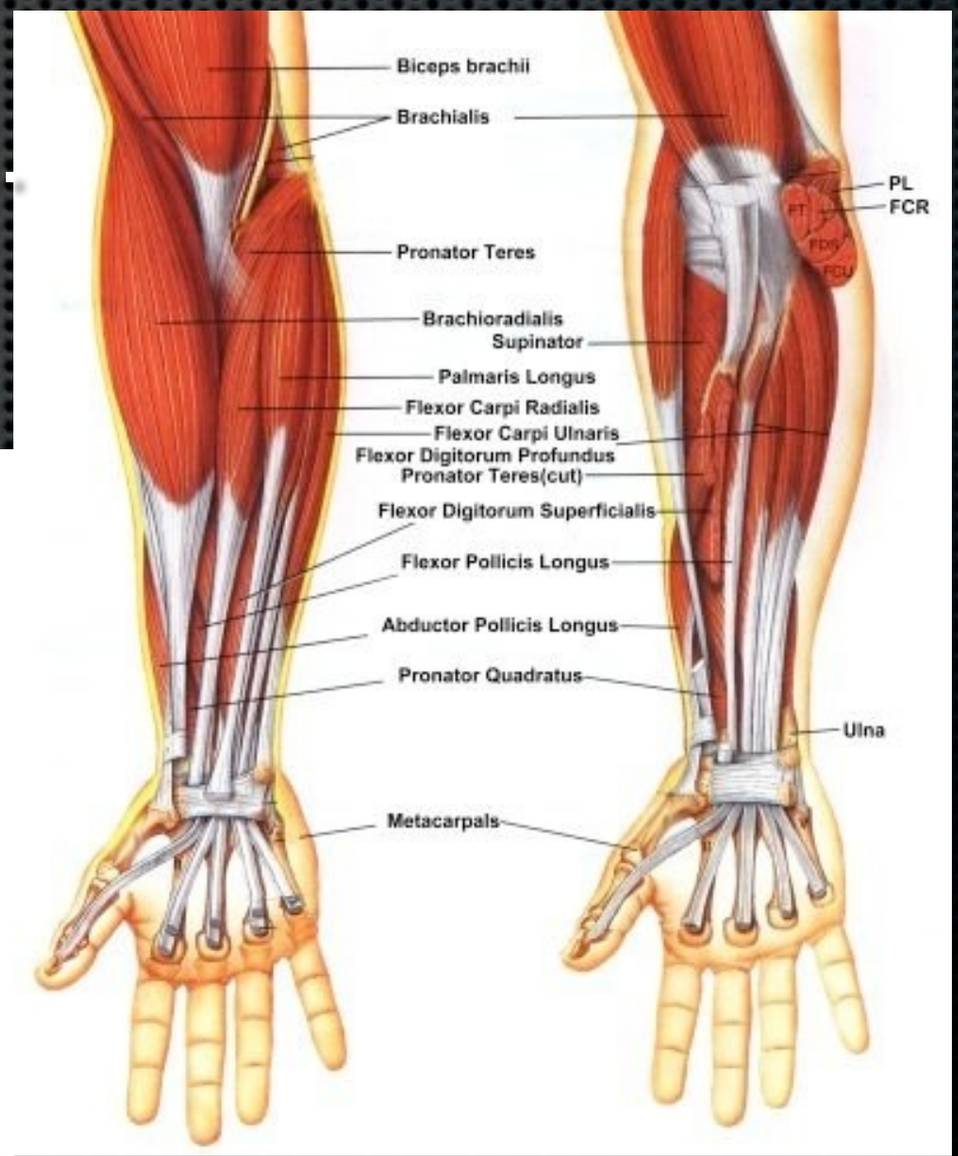
- 1. WAY OF DESIGN

We have the same “kits”....



- 1. WAY OF DESIGN

but
we all use them different way....



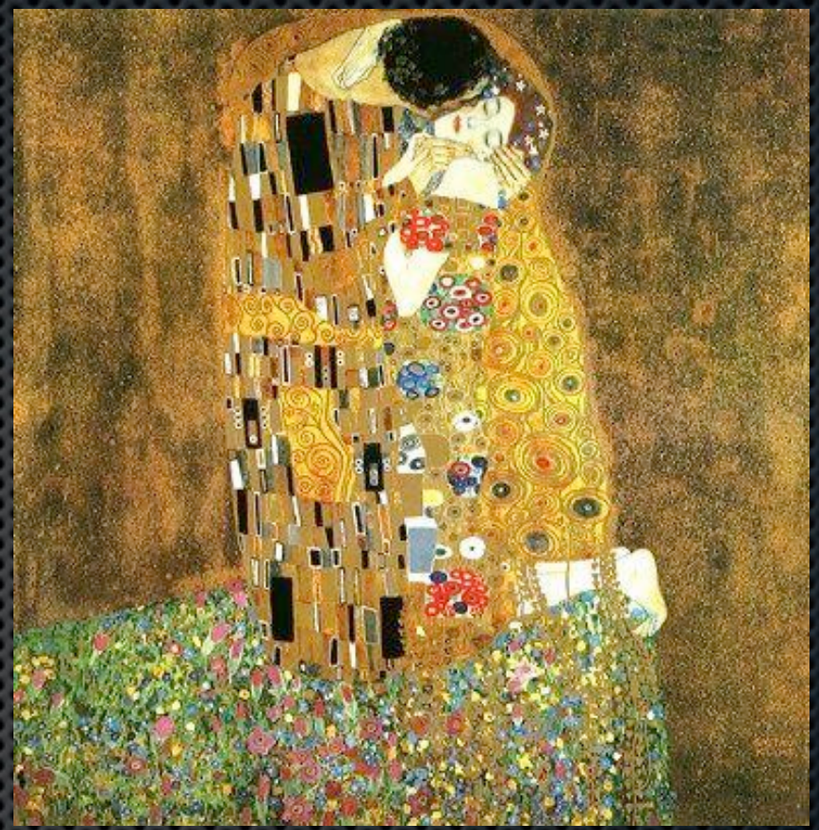
differences
should not polarise…

DESIGN METHODOLOGY

Paulo Ucello (14thC) St George Killing the Dragon

Dragon mascara in New Year, China

differences
should not polarise,
but
complement and match
the world



- 1. WAY OF DESIGN
  - - COMPONENTS,
  - - METHODS,
  - - APPROACH

HARMONY

Definitions of HARMONY:

Music:

a pleasant musical sound made by different notes being played or sung at the same time

General:

a situation in which people are peaceful and agree with each other, or when things seem right or suitable together

Garden of Eden
Jan Brueghel the Elder

If the new array suits to the environment, then the new creature is harmonic and will be merged into the original system:

- it has to conform to the world - to the environment
- if it is not conform, then the environment will eject it
- if it is conform, then it will remain a part of the world
- the better it conforms, the longer will remain a part of the world
- the essence of competence is the

HARMONY

Conditions of competence:

- it must have harmony to the world
- it must be harmonic itself

To achieve

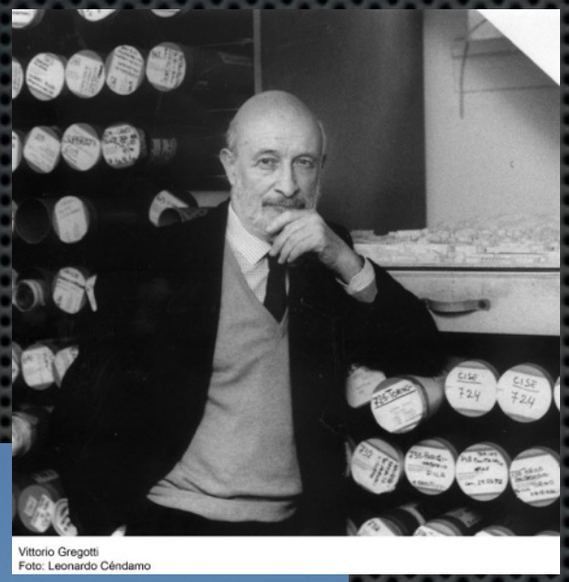
HARMONY

- we have to know the world - the environment
- we have to able to create harmony

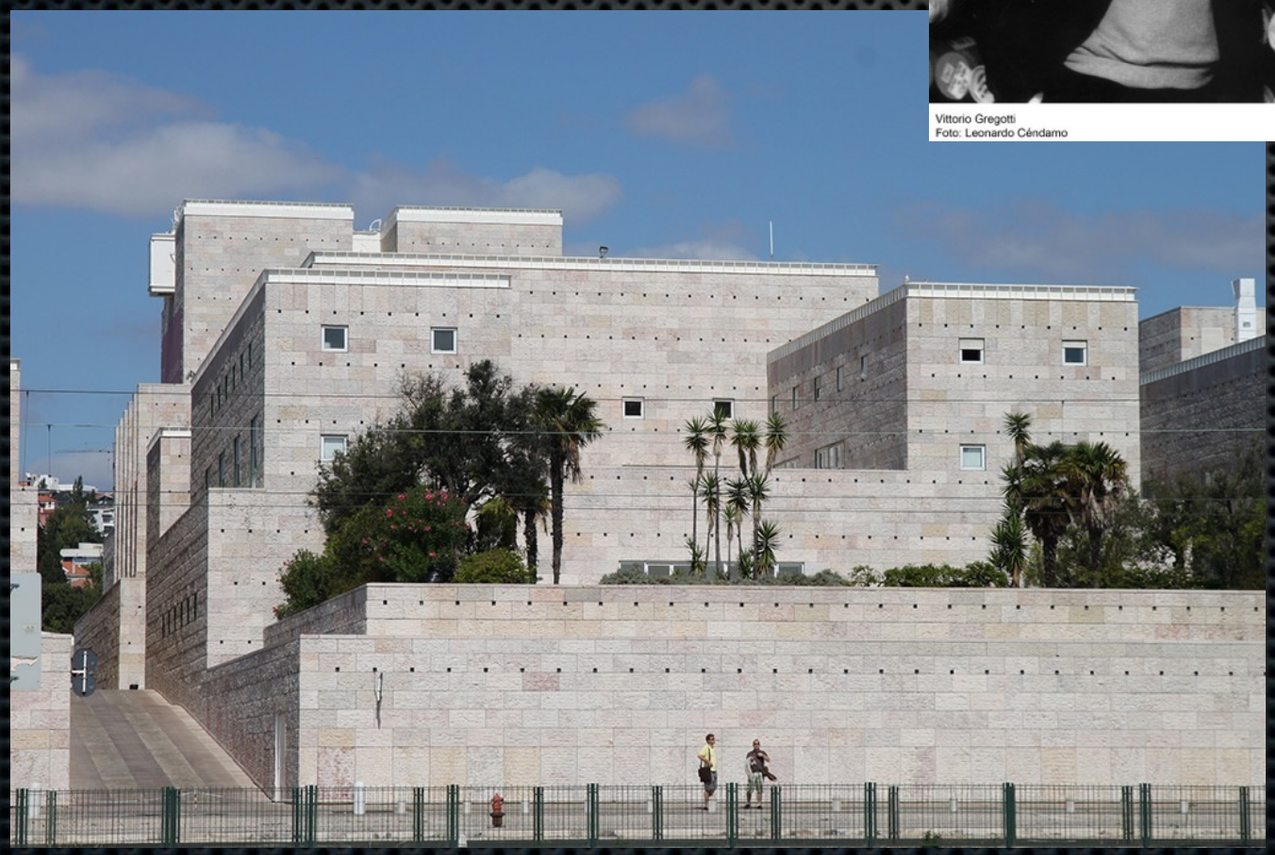
in the object

”The worst enemy of modern architecture is the idea of space considered solely in terms of its economic and technical exigencies indifferent to the idea of the site.”

Vittorio GREGOTTI



Vittorio Gregotti
Foto: Leonardo Céndamo



Centro Cultural de Belem, Lisbon 1992.

HARMONY

		spirit	material	
components		art emotion	science ratio - sense	- works of Santiago Calatrava - Fallingwater House
methods		analogy intuition	analytics conclusions	- Sidney Opera - works of Michelangelo
approach		subjectivity universality global the whole	objectivity specialization local a part	- works of Frank Gehry - works of Alvar Aalto - works of Carlo Scarpa
harmonic cooperation				

HARMONY

HARMONY

spirit material

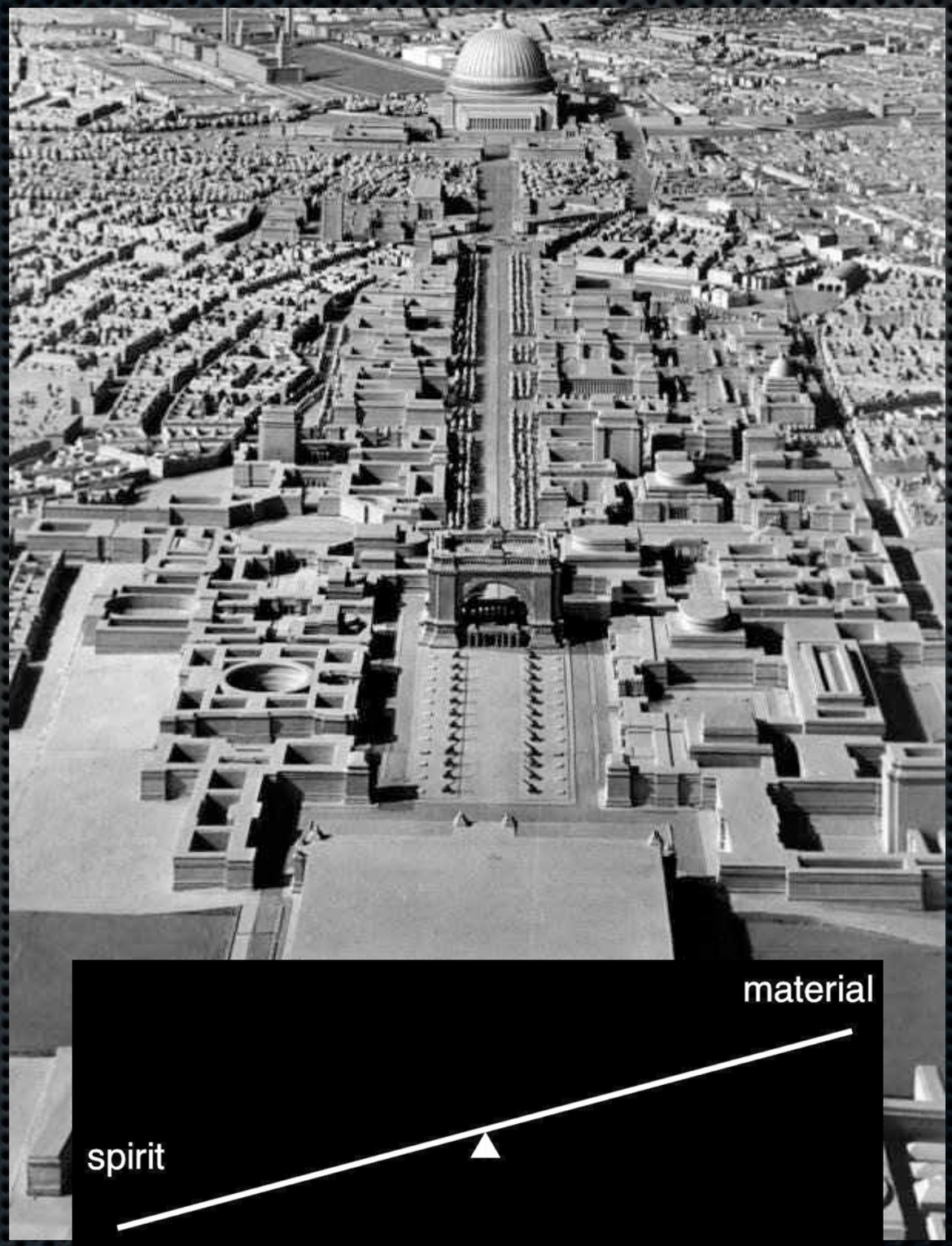
Hagia Sophia

HARMONY

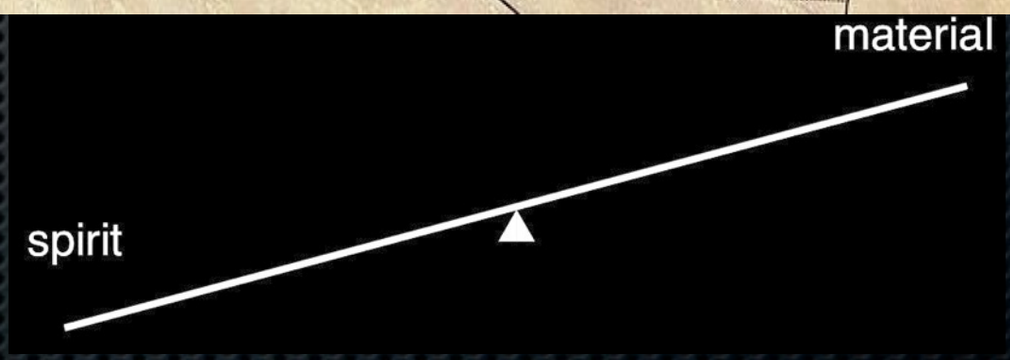
spirit — material

Cordoba, Mezquita

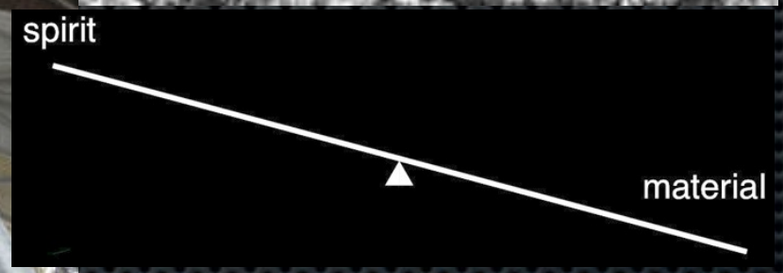
HARMONY

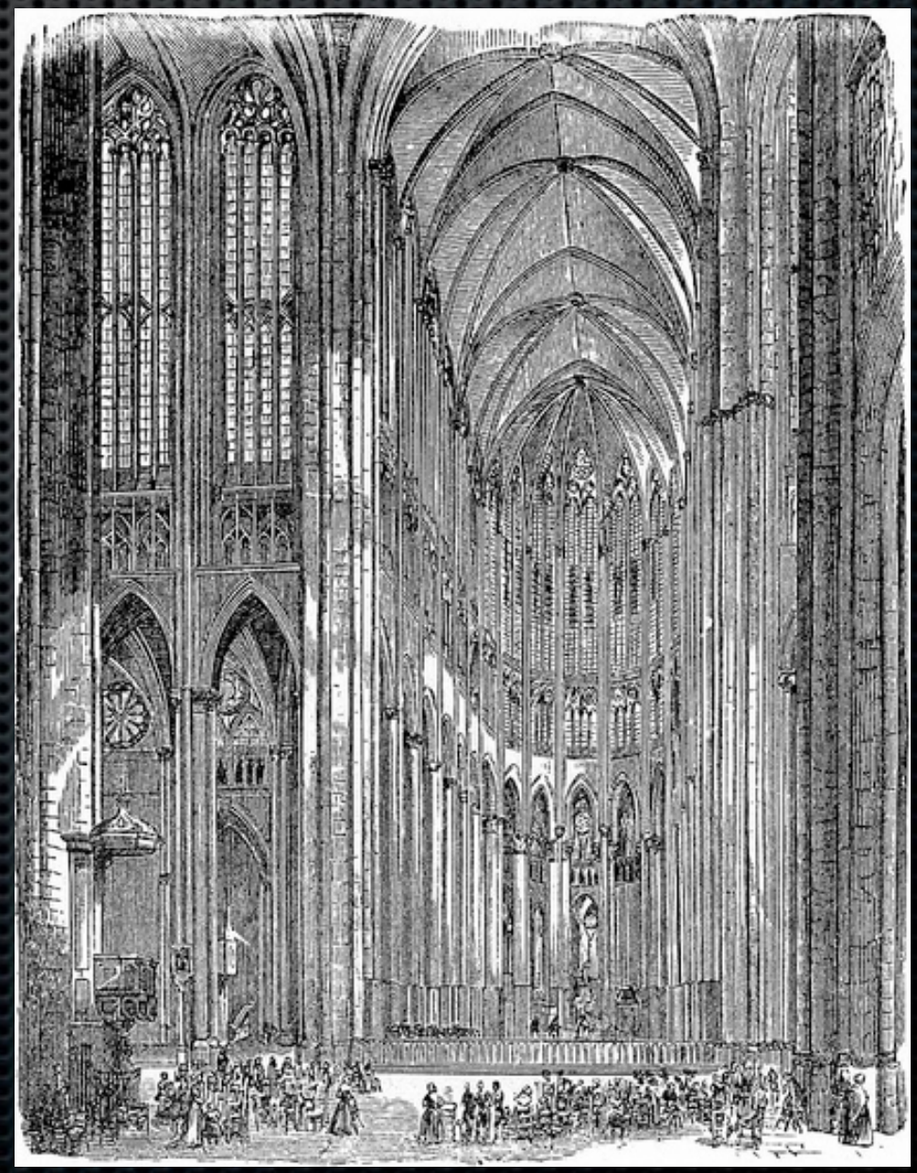


HARMONY



HARMONY





HARMONY

Arguments for spirit:

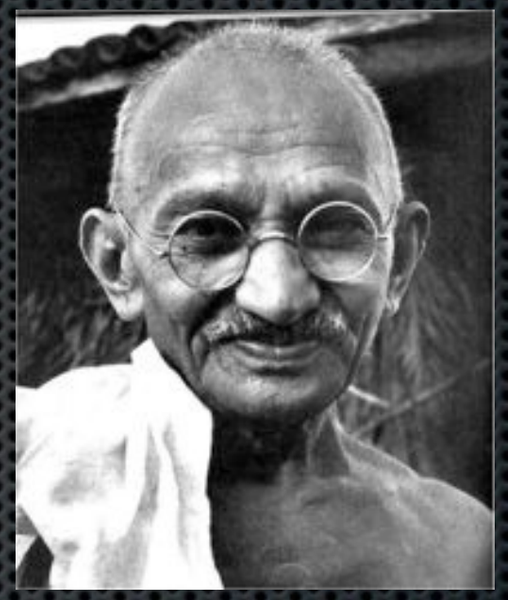
- live
- love
- faith (belief)
- thirst

Arguments for material:

- economical
- durable
- stable
- controllable
- logical

LOUIS KAHN
Every Building
MUST
HAVE .....
its
own
SOUL
© FEDERICO BABINA
ARCHIQUOTE

Quote for today:



“Always aim at complete harmony of thought and word and deed. Always aim at purifying your thoughts and everything will be well.”

Mahatma Gandhi