

DESIGN METHODOLOGY

- ✦ PROGRAM OF SEMESTER COURSE
- ✦ 0. PREFACE - WELCOME - INTRODUCTION
- ✦ 1-4. WAY OF DESIGN
 - ✦ - COMPONENTS
 - ✦ - **METHODS**
 - ✦ - APPROACH
- ✦ 5. DESIGN FACTORS
- ✦ 6. DESIGN PHASES AND MEMBERS
- ✦ 7. ARCHITECTURE AND THE ARTS
- ✦ 8. SUSTAINABILITY IN ARCHITECTURE
- ✦ 9. DESIGN WITH ARCHITECTURAL MONUMENTS
- ✦ 10. SUMMARY, NEW CONCEPTS OF DESIGN

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

HARMONY



HARMONY

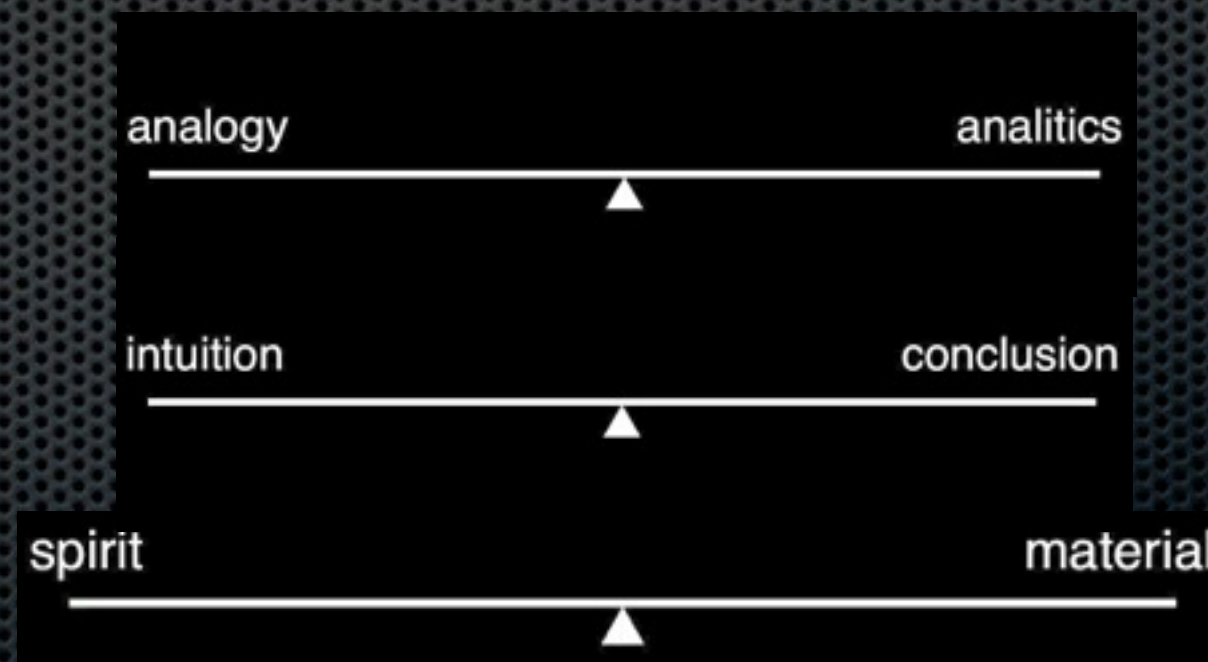
spirit		material	
components	art emotion	science ratio - sense	- works of Santiago Calatrava - Fallingwater House
methods	analogy intuition	analytics conclusions	- Sidney Opera - works of Michelangelo
approach	subjectivity universality global the whole	objectivity specialization local a part	- works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

HARMONY

Analogy is subjective

Analytics: it tries to determine the world from details, scientific approach, but the sense for the whole can be lost

Methods



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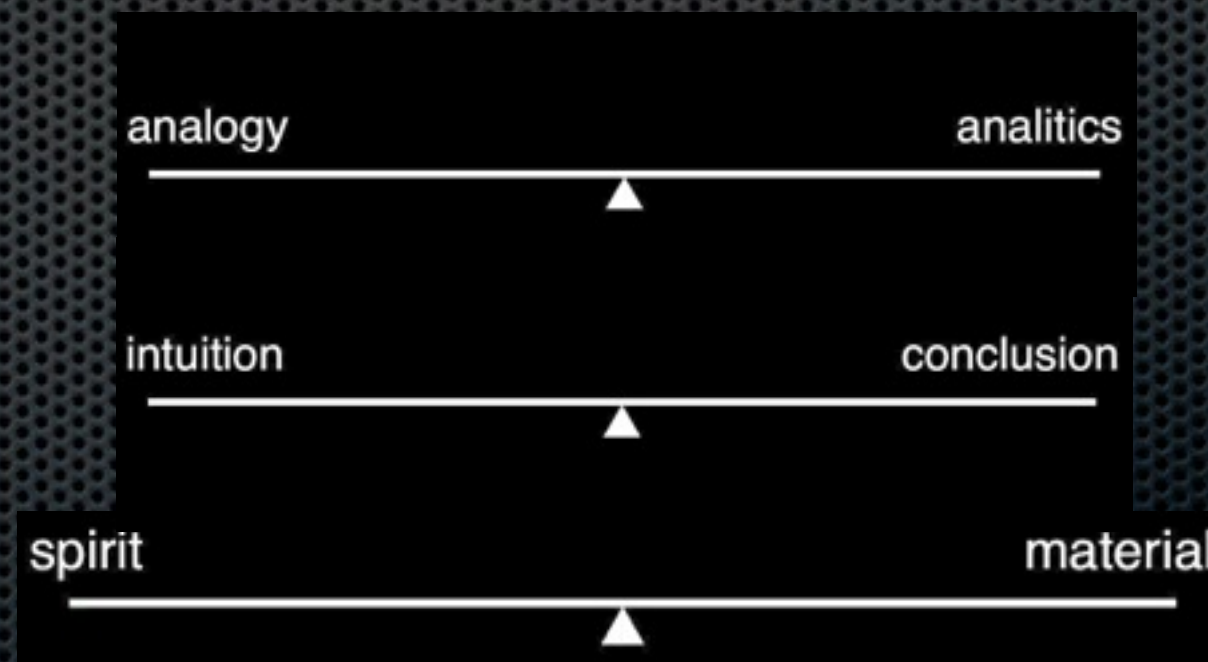
Arguments for Analogy:

- subjective
- selfish - individual

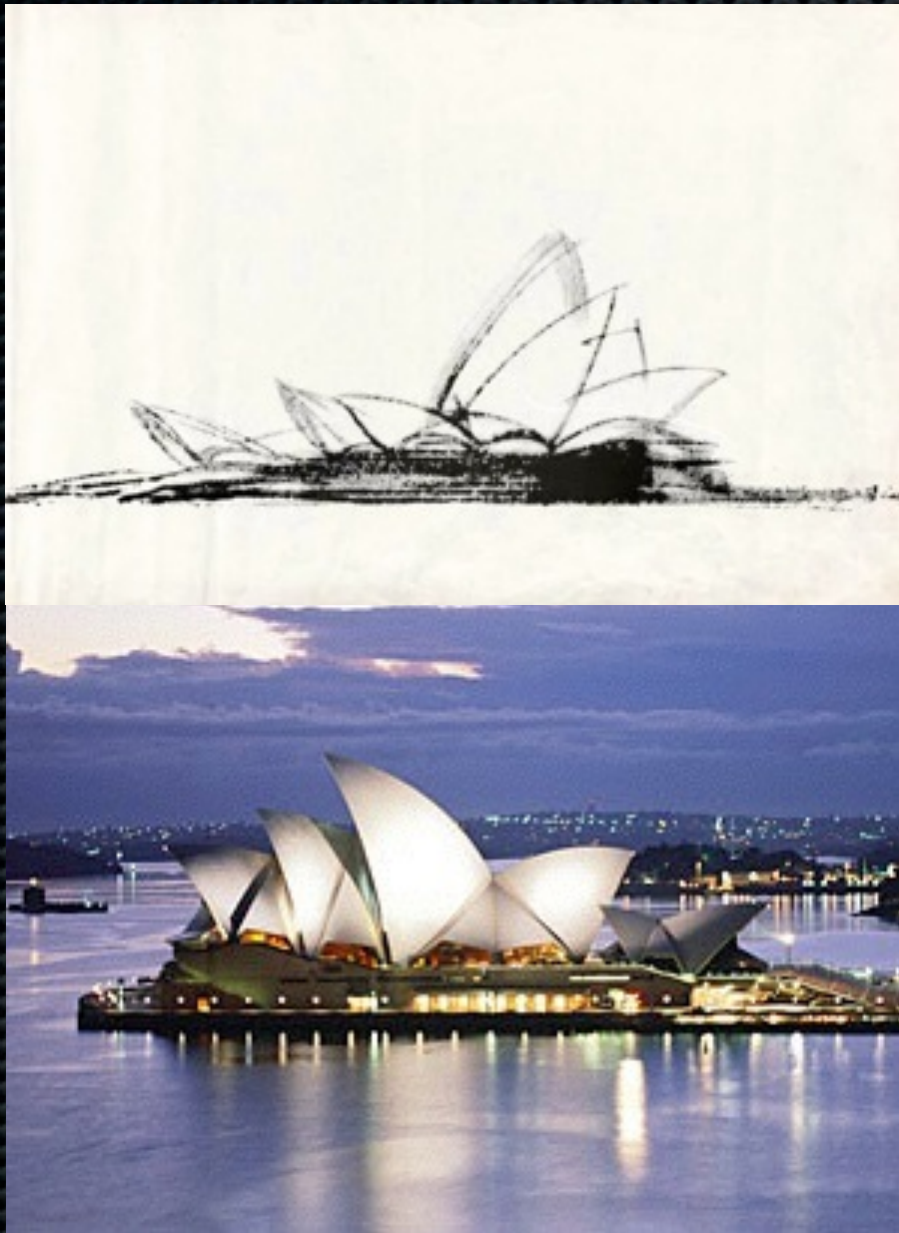
Arguments for Analytics:

- scientific
- perfect

Methods



HARMONY



finished by TODD,
HALL, LITTLEMORE

1956-1973



www.GreatBuildings.com

Jørn UTZON
Opera House, Sydney

analogy

analitics





finished by TODD,
HALL, LITTLEMORE

analogy

analitics

Jørn UTZON
Opera House, Sydney

HARMONY

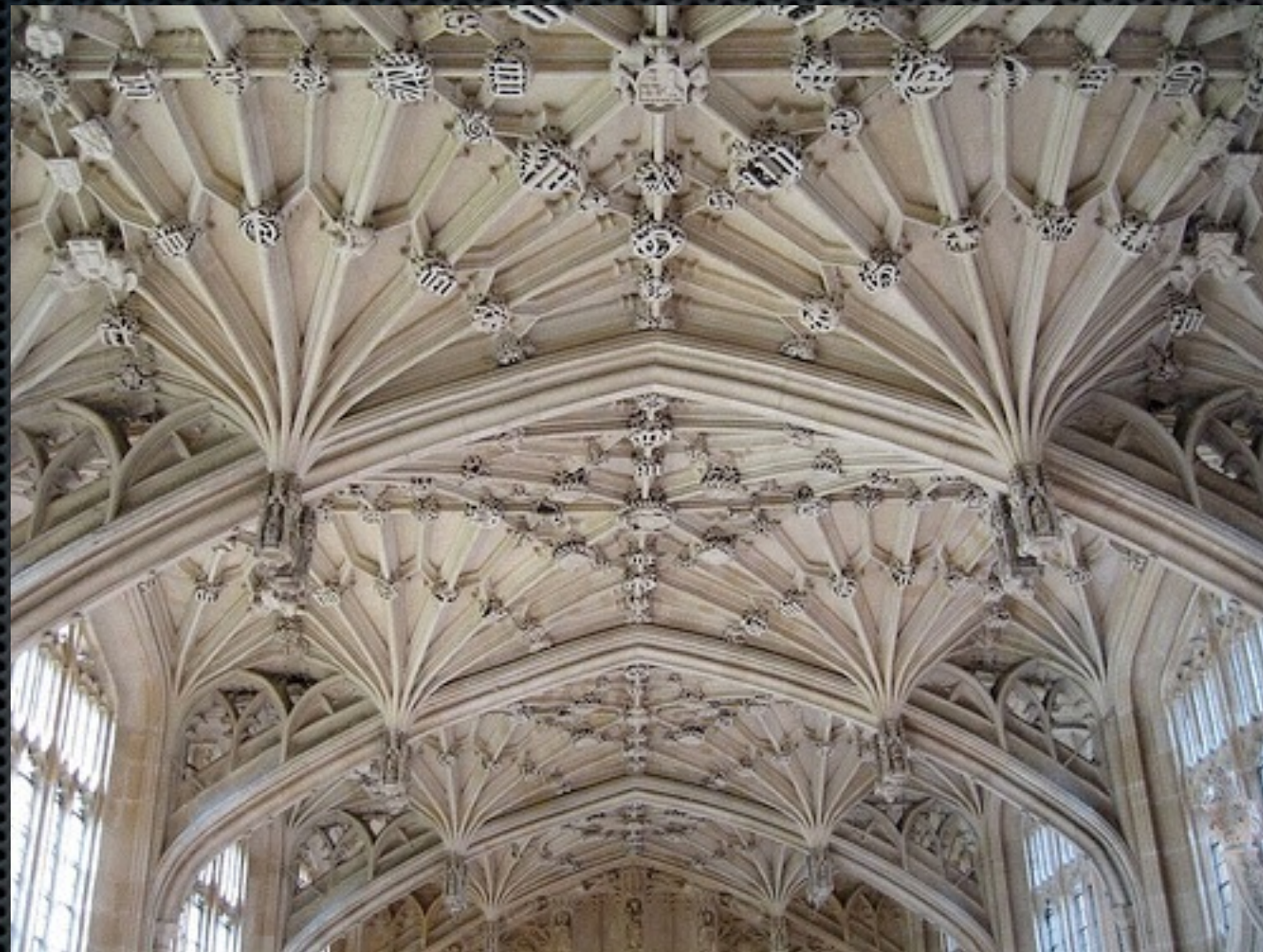


analogy

analitics

Gábor ZOBOKI
Palace of Arts, Budapest

HARMONY

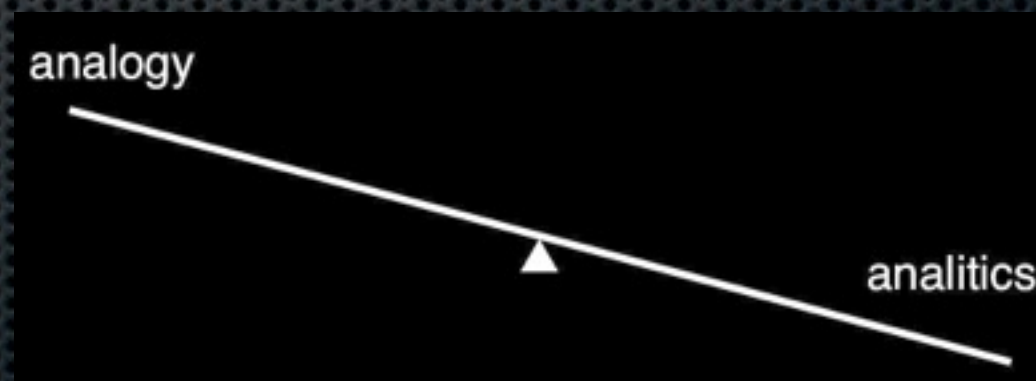
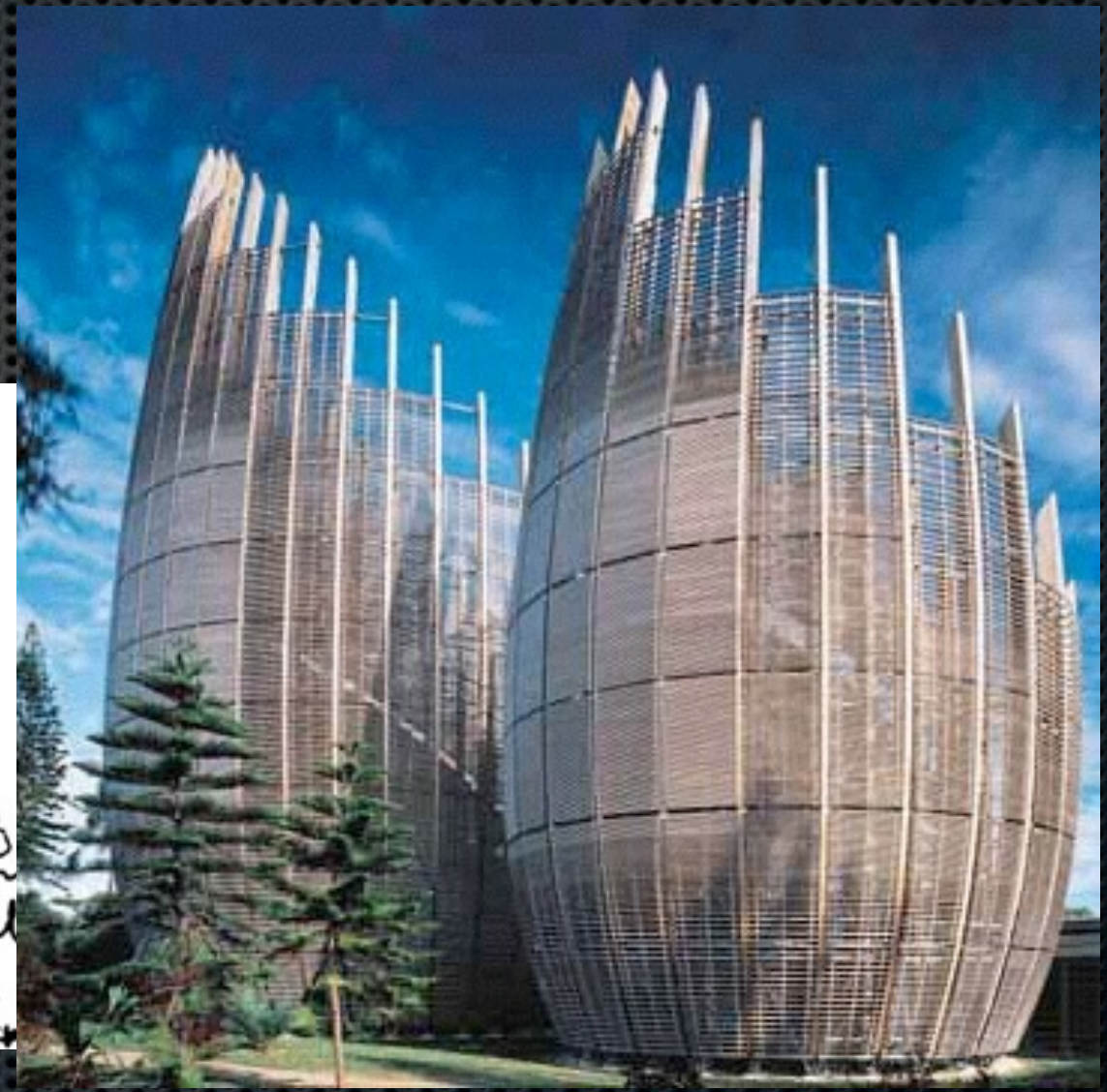
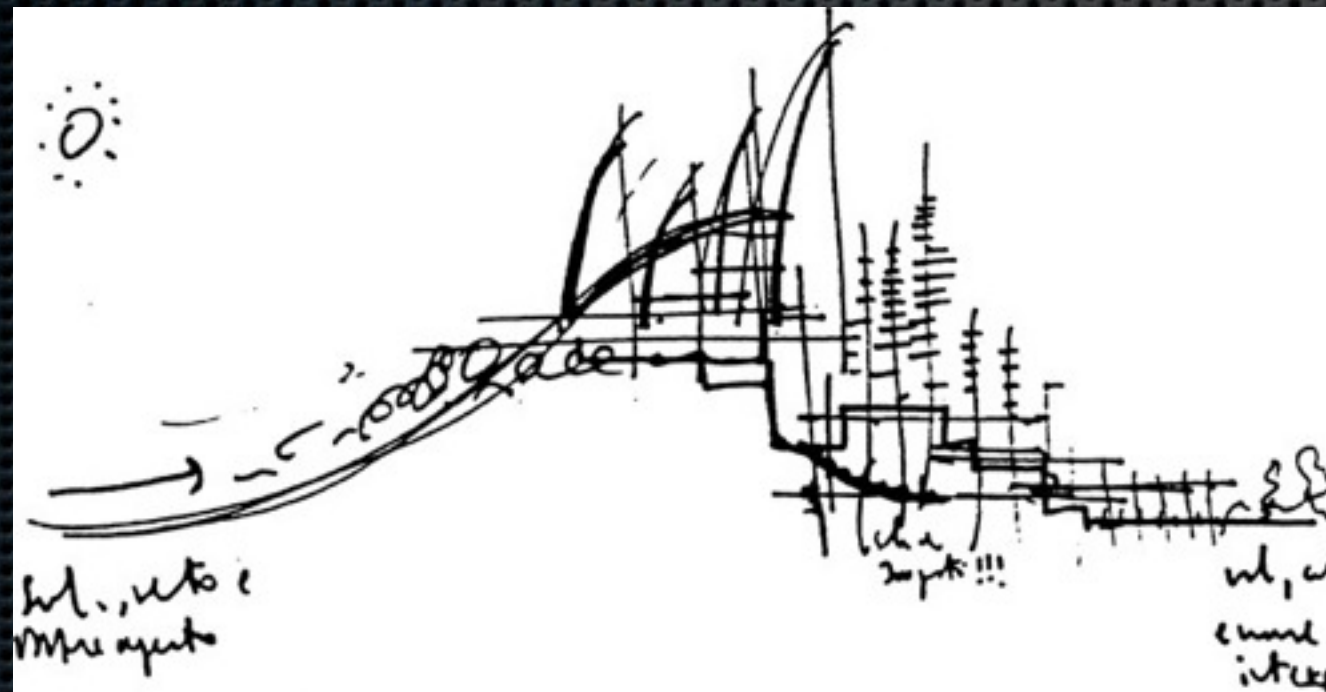


analogy

analitics

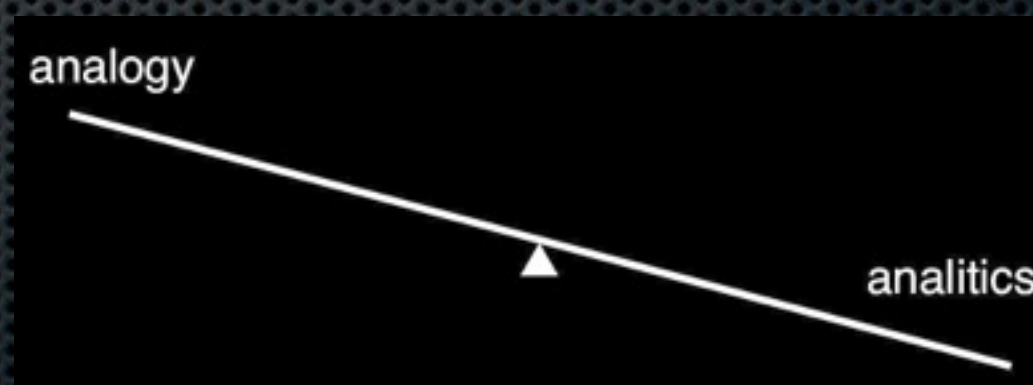
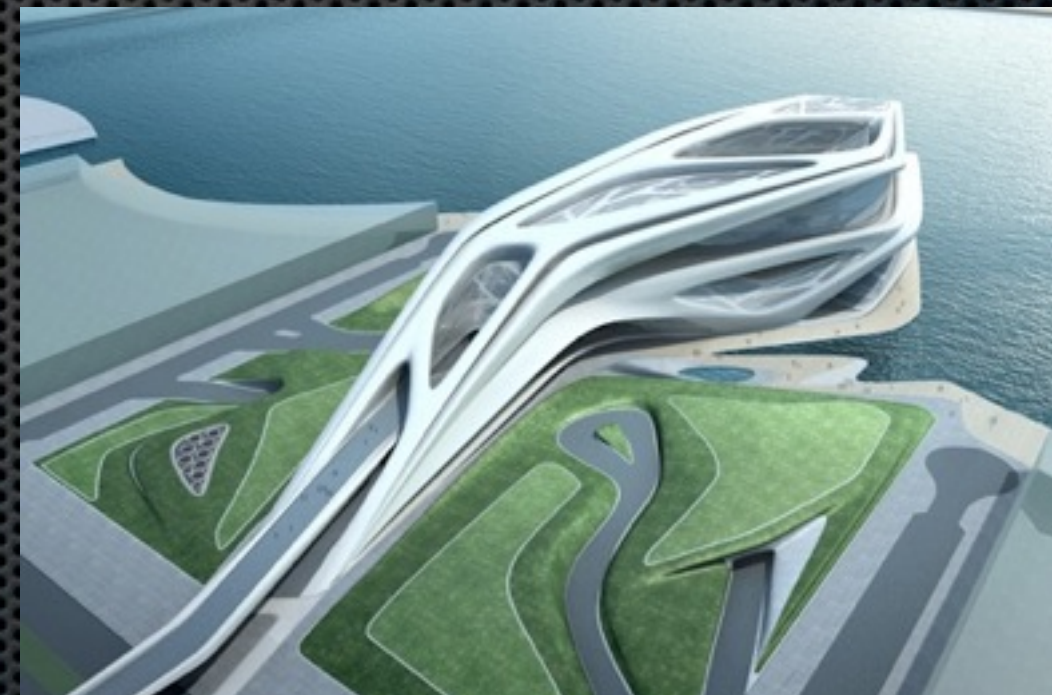
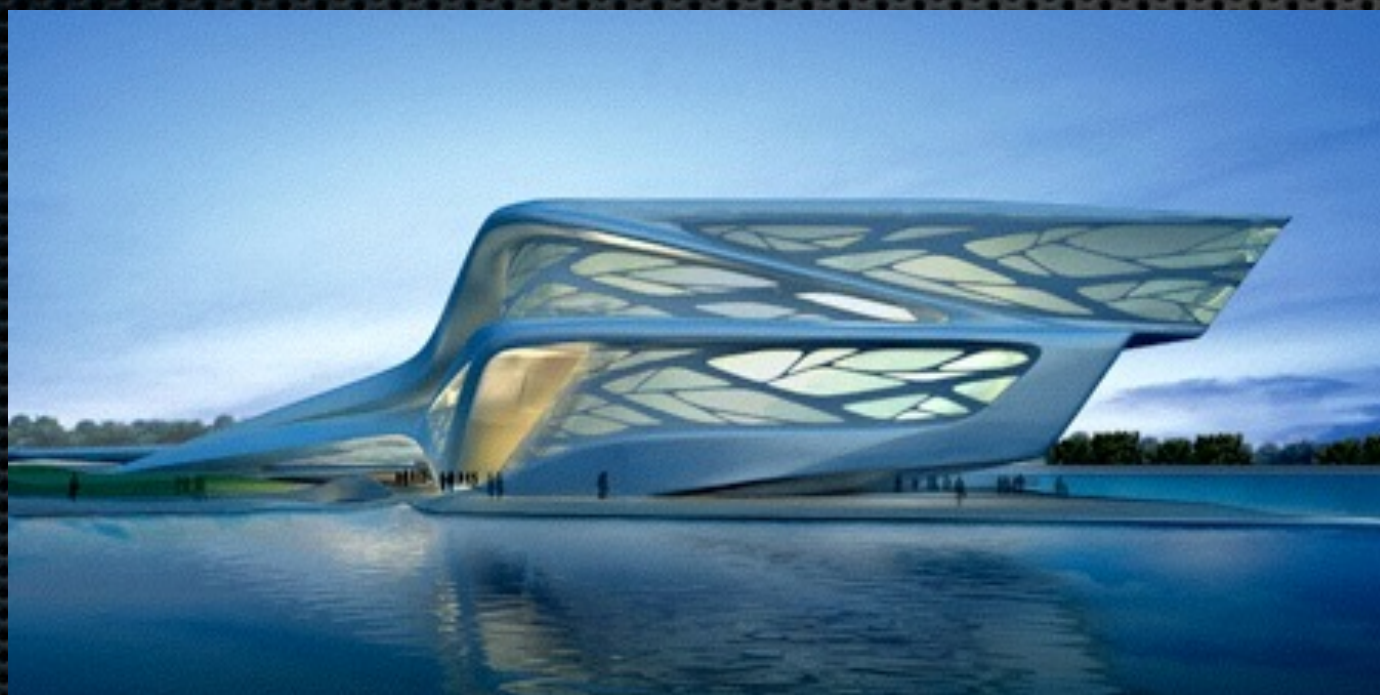
Flamboyant Gothic

HARMONY



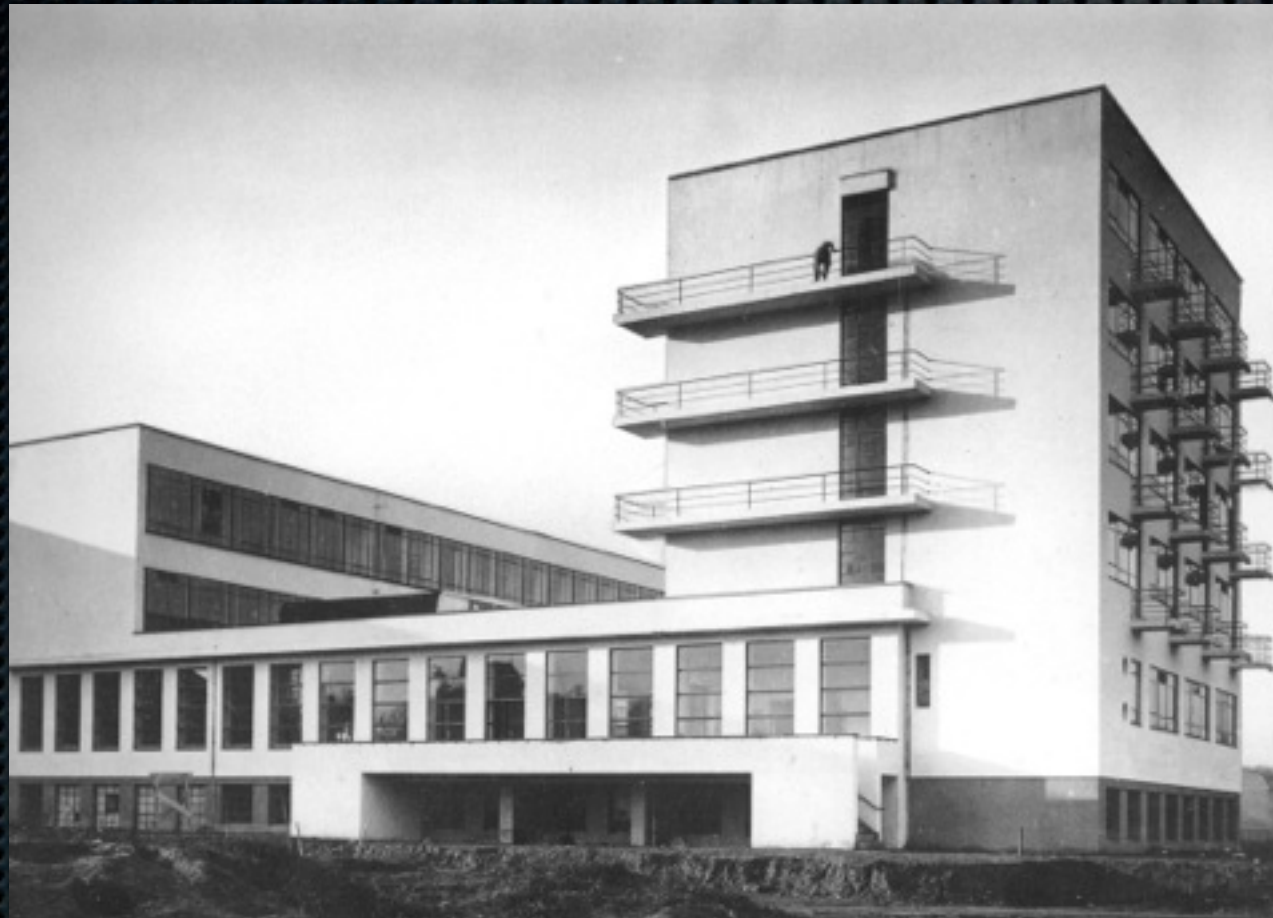
Renzo PIANO
Cultural Centre, Tjibaou,
New Caledonia

HARMONY

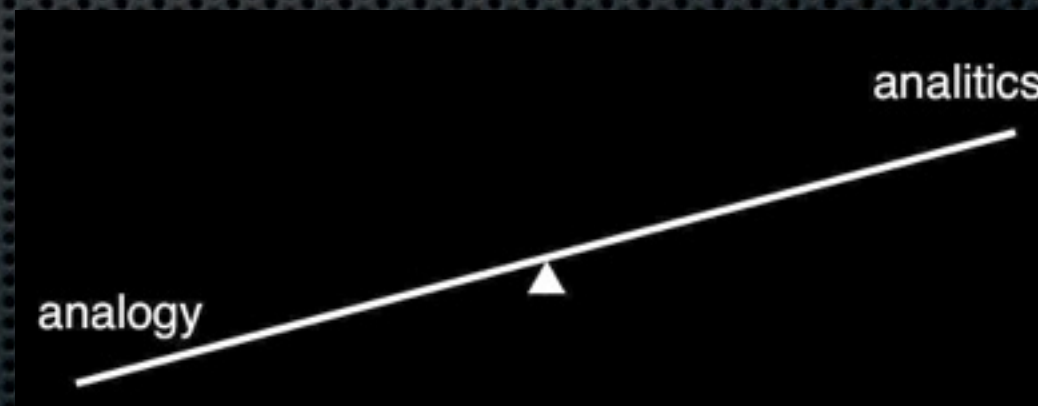


Zaha HADID
Performing Art Centre
Abu Dhabi

HARMONY



Walter GROPIUS
Bauhaus,
Dessau



Lajos KOZMA
Glass Manufacture
Budapest V.

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intuition

conclusion

MICHELANGELO
P. Campidoglio, Rome

HARMONY

Intuitions:

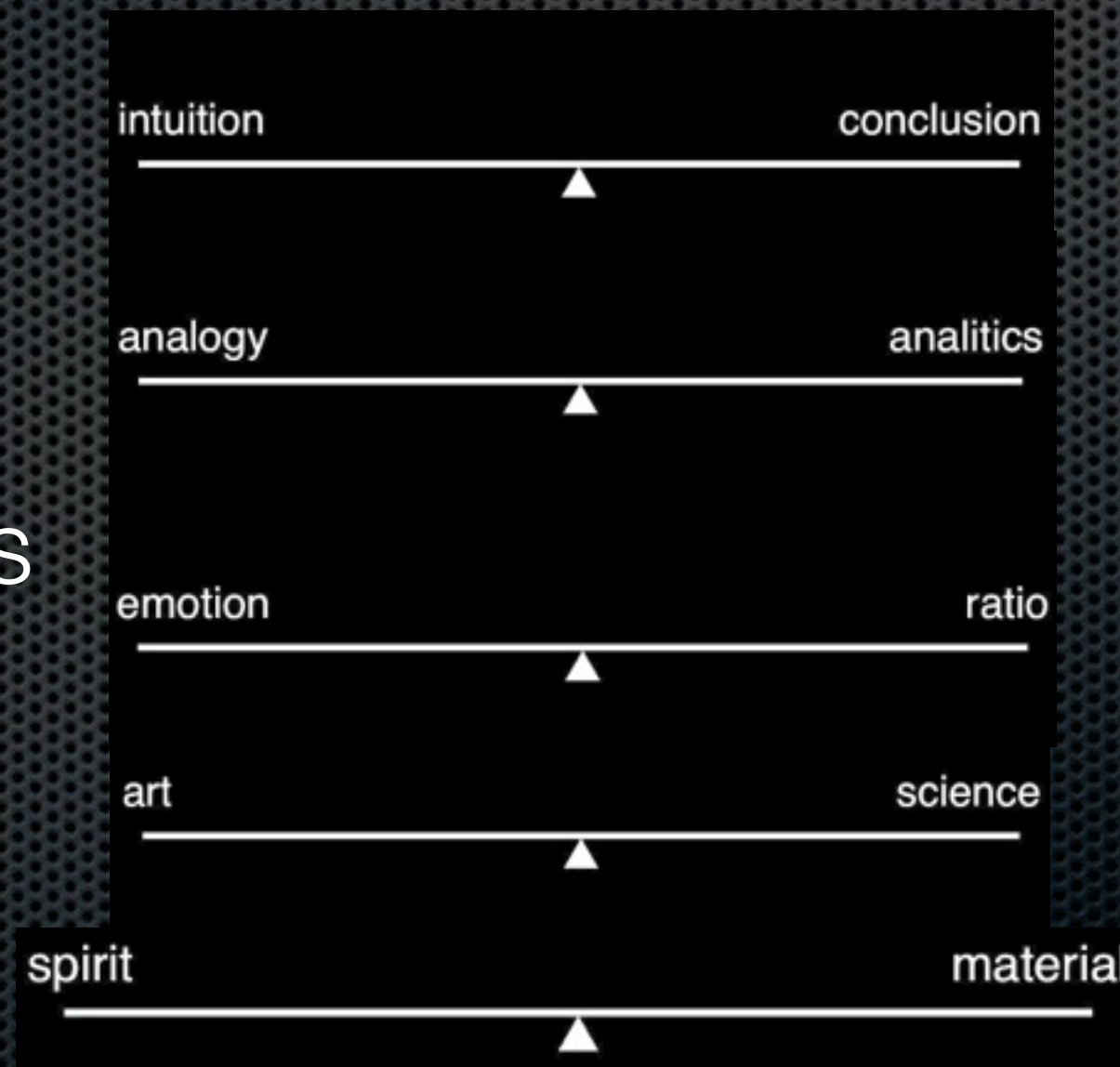
- ideas
- kiss of Muse

Conclusions:

- critical selection of ideas

Methods

Components



HARMONY

Arguments for Intuitions:

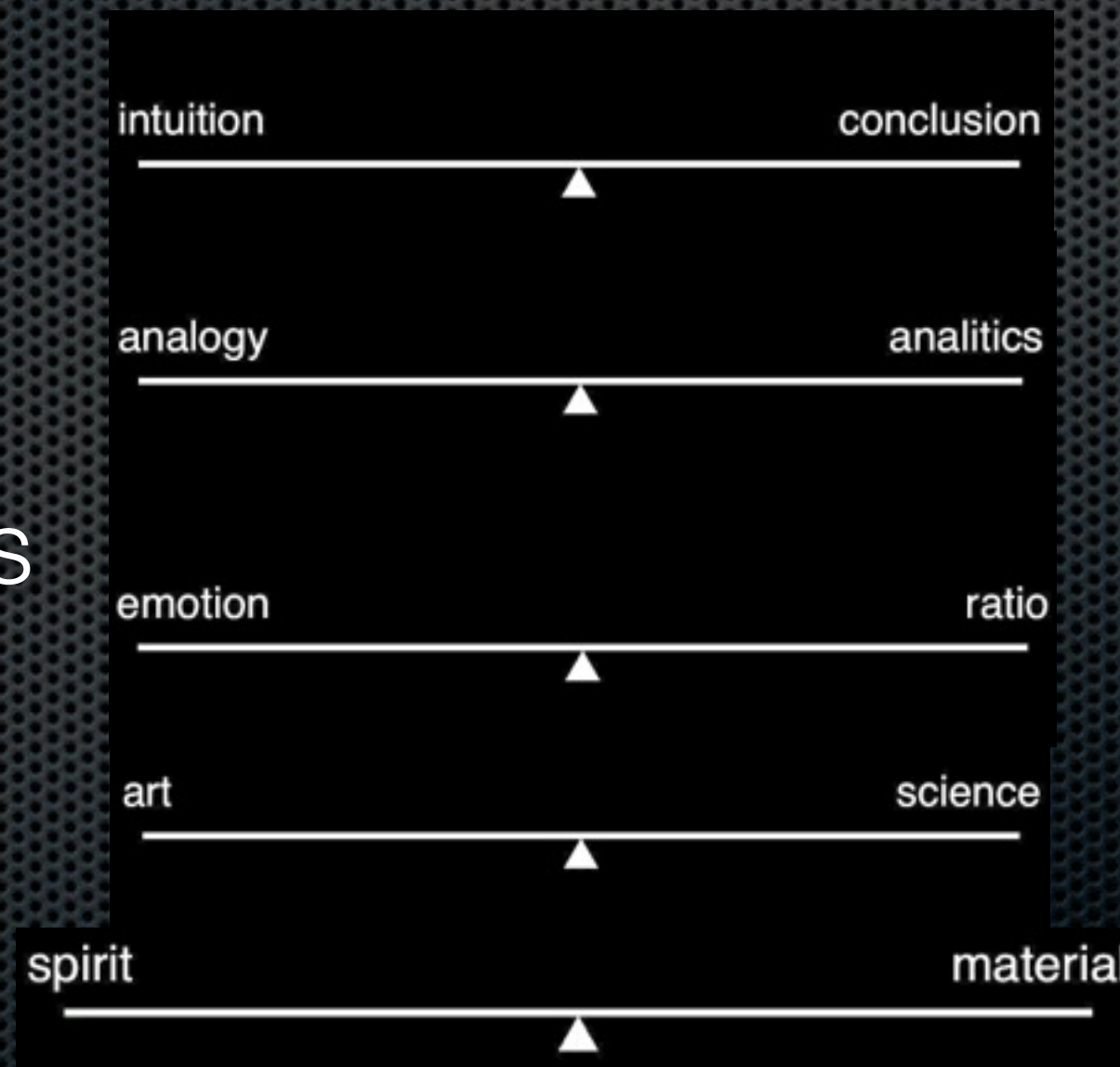
- seek of news
- let genius create!

Argument for Conclusions:

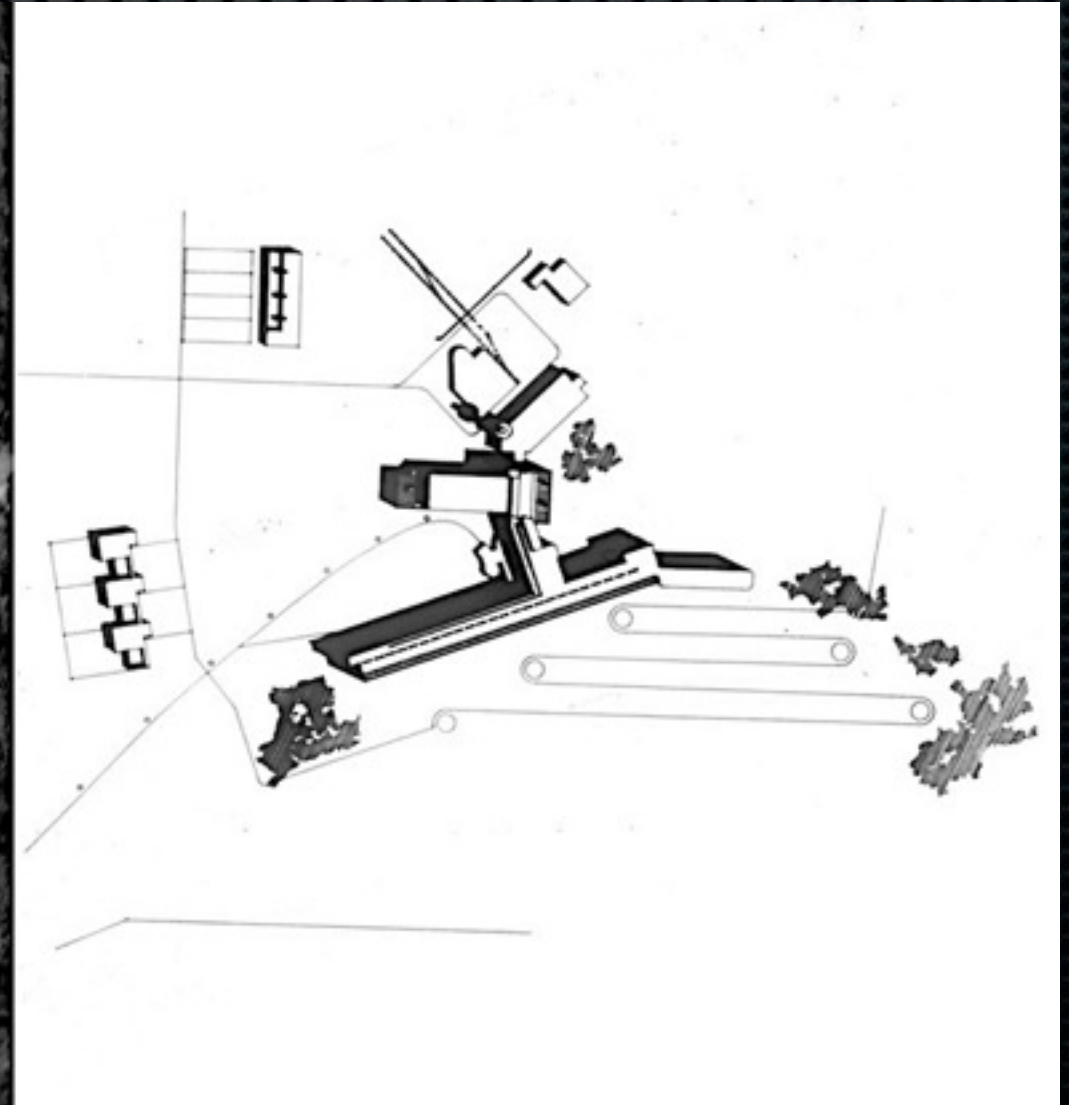
- critical filter
- control (law!)
- economy

Methods

Components



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intuition

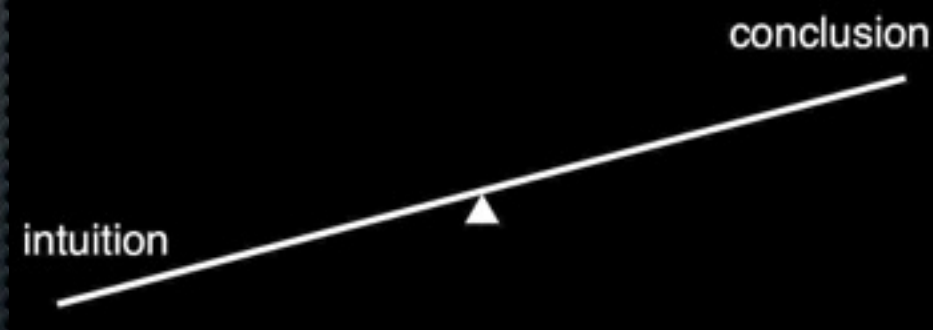
conclusion

Alvar AALTO
Sanatorium
Paimio

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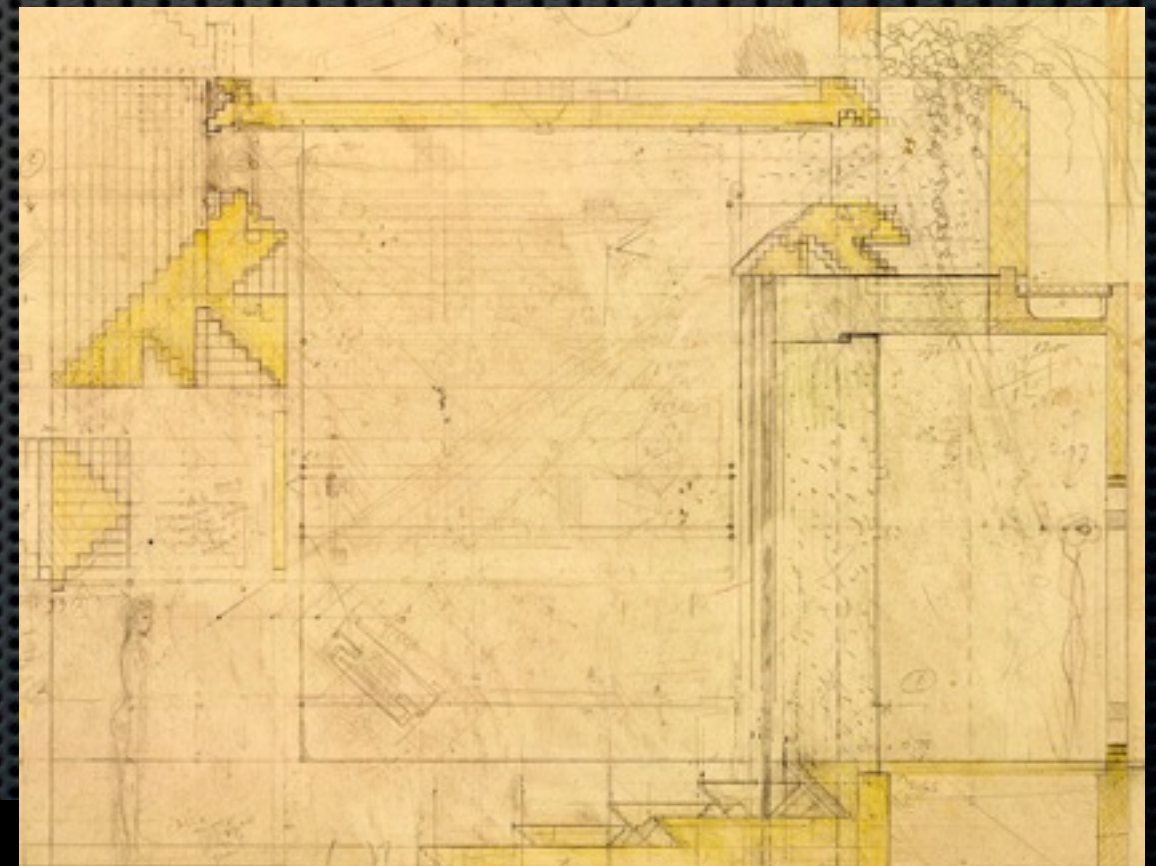


H44-10840545 - (c) - Kreder Katja



based
on
EXPERIENCE

HARMONY



intuition

conclusion

Carlo SCARPA
Cemetery Brion Vega
Trentino

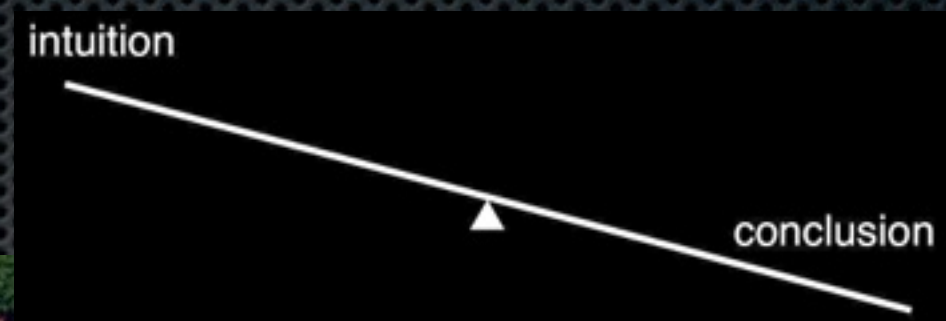
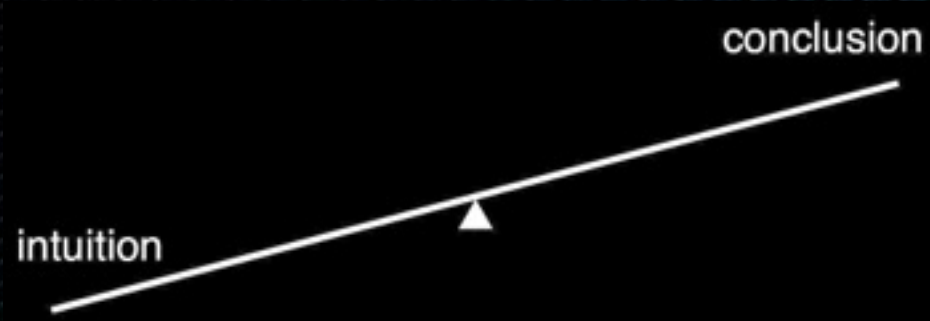
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intuition

conclusion

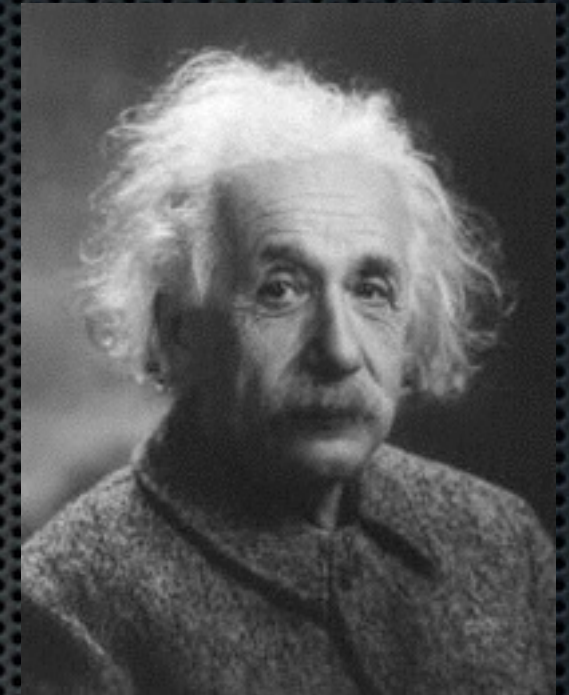
Paul CEZANNE
Kiss of Muse



Slum and luxury residence
Rio de Janeiro



Quote for today:



“The intuitive mind is a sacred gift and the rational mind is a faithful servant. We have created a society that honours the servant and has forgotten the gift...”

Albert Einstein