ELECTROLIQUID AGGREGATION + LAZINESS + RECYCLING + SCULPTURAL **MATHEMATICS**

RUSSELL LOWE

ELECTROLIQUID AGGREGATION + LAZINESS + RECYCLING + SCULPTURAL **MATHEMATICS**

JEREMY HARKINS

"Why still speak of the real and the virtual, the material and immaterial? Here these categories are not in opposition, or in some metaphysical disagreement, but more in an electroliquid aggregation, enforcing each other, as in a two part adhesive."

Lars Spuybroek, [1998] Motor Geometry, Architectural Design, Vol 68 No 5/6, p5

LARS SPUYBROEK



Neutelings and Riedijk *ON laziness recycling sculptural mathematics & ingenuity.* El croquis 94.

"Laziness, one of the seven cardinal sins, is one of (a designers) most useful characteristics. The combination of diligence and ambition is highly dangerous; the combination of laziness and ambition ensures a pleasing balance, which often leads to happy results because compensating for laziness requires the application of ingenuity."

Recycling Typologies and Concepts.

Sculptural Mathematics: "The most exhausting sort of design process is one in which each version requires a conscious decision. We therefore make it our practice to start off with a simple basic mathematical concept within which the program is to be organized."

Conclusion: "... no matter how successful it might be as a method, (laziness) still has a great disadvantage: it requires a lot of effort."

NEUTELINGS + RIEDIJK

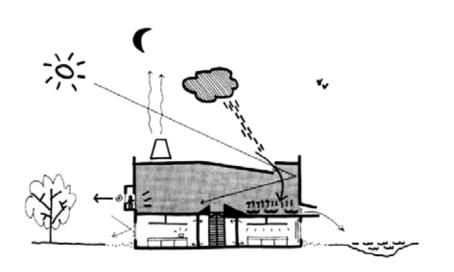
MINNAERT BUILDING. UTRECHT.

Neutelings and Riedijk. El croquis 94.

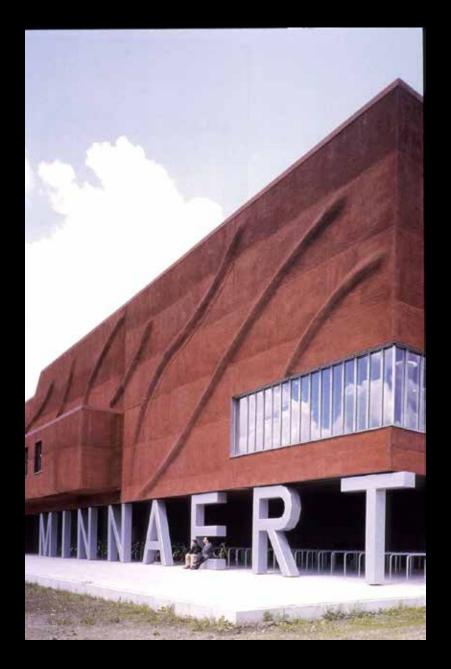
NEUTELINGS + RIEDIJK

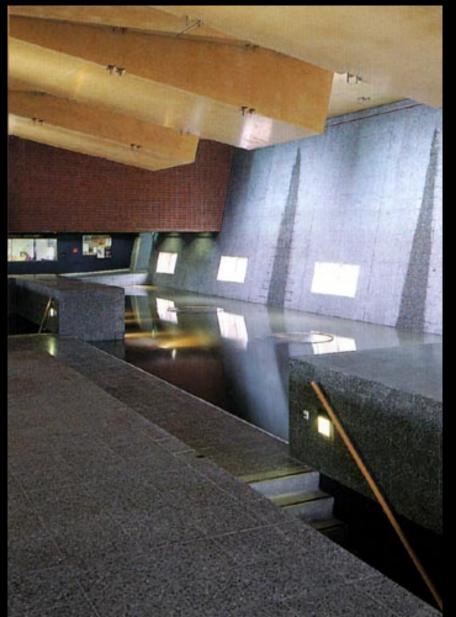




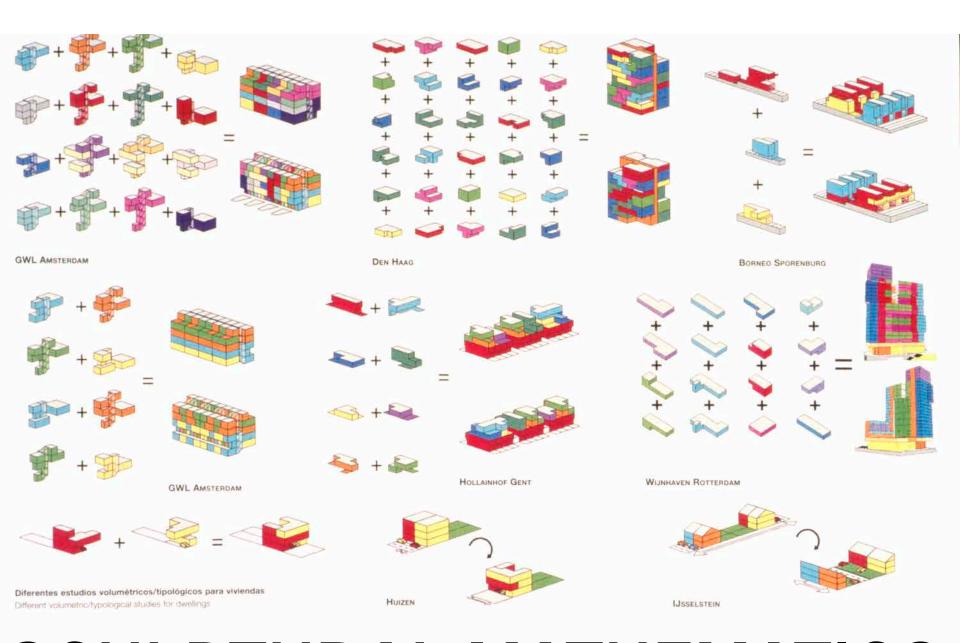








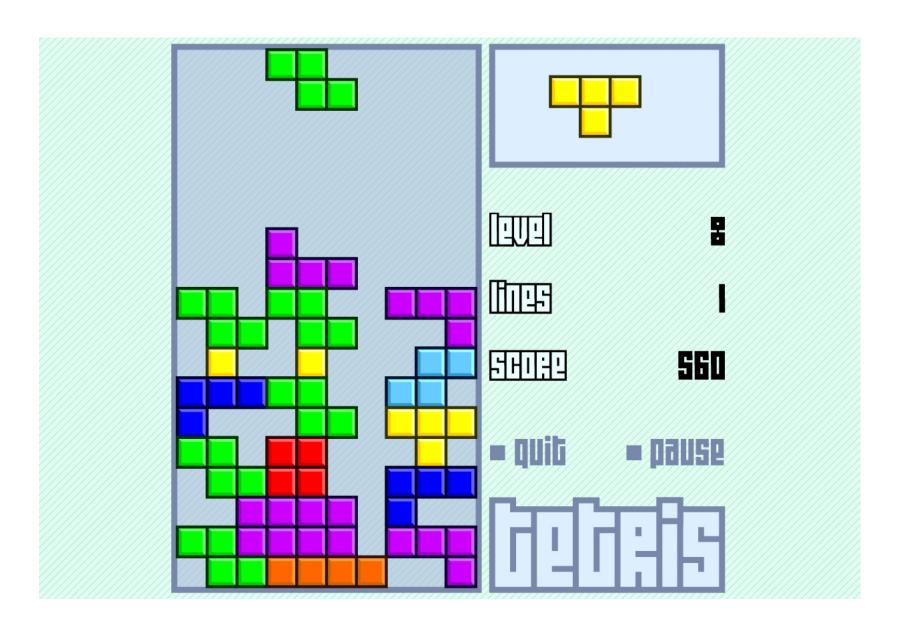


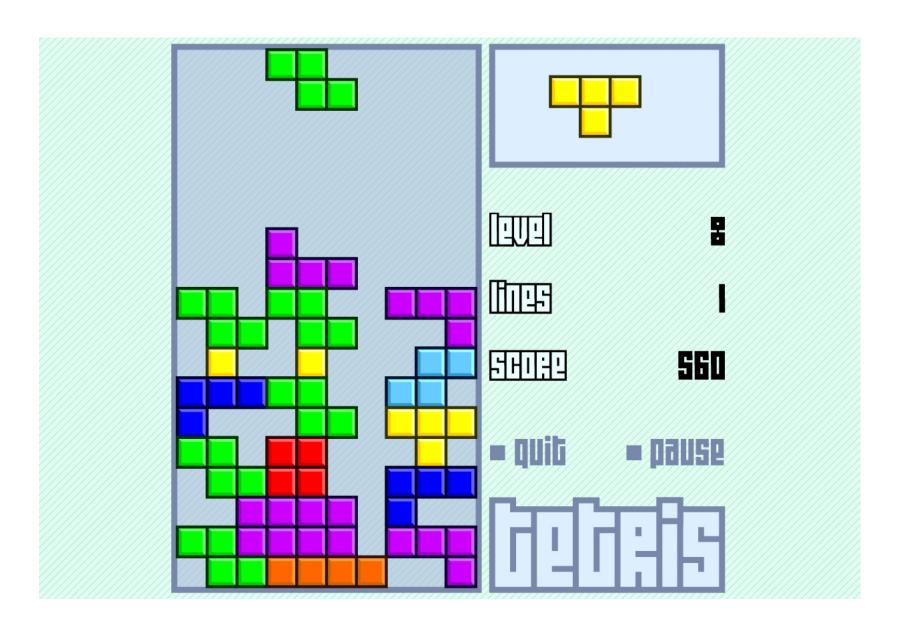


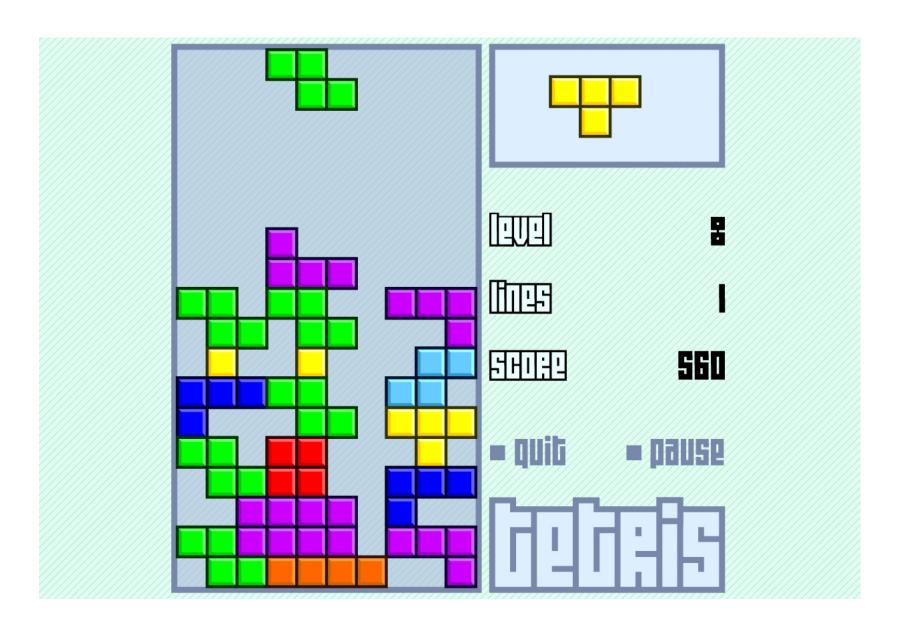
SCULPTURAL MATHEMATICS

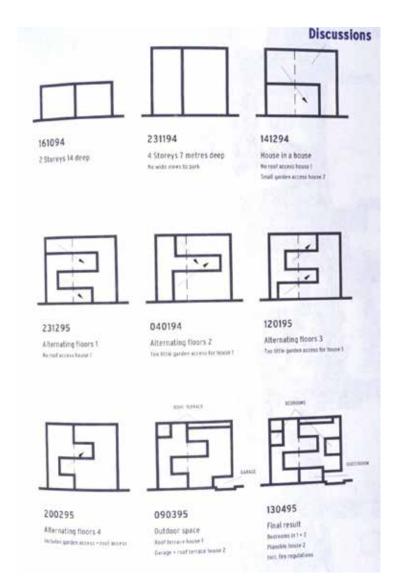


www.neutelings-riedijk.com







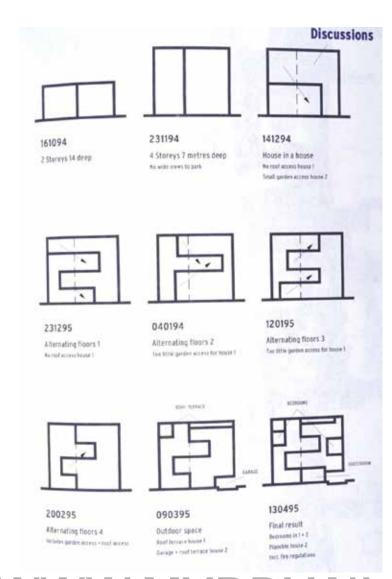


MVRDV







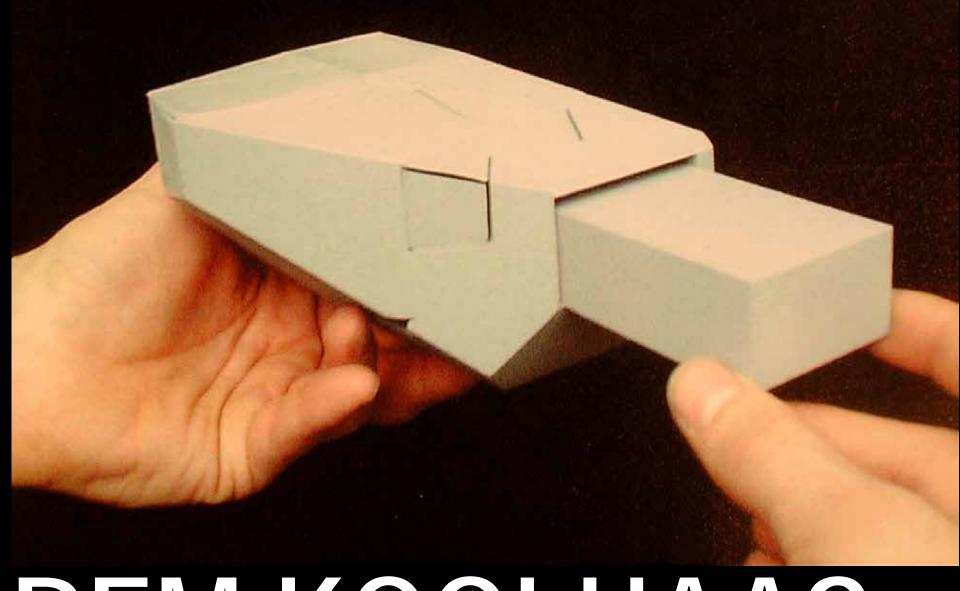




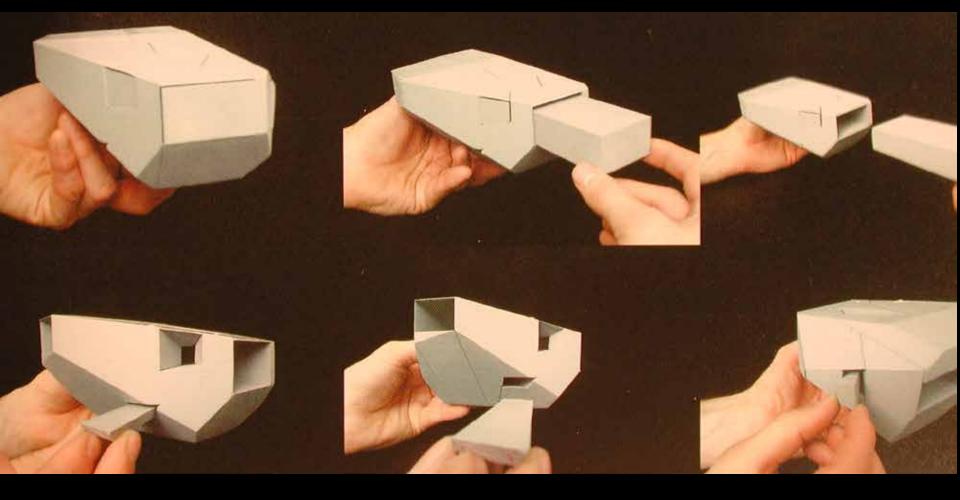


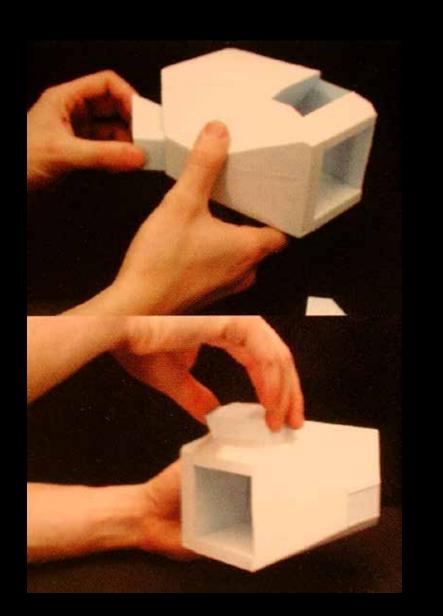


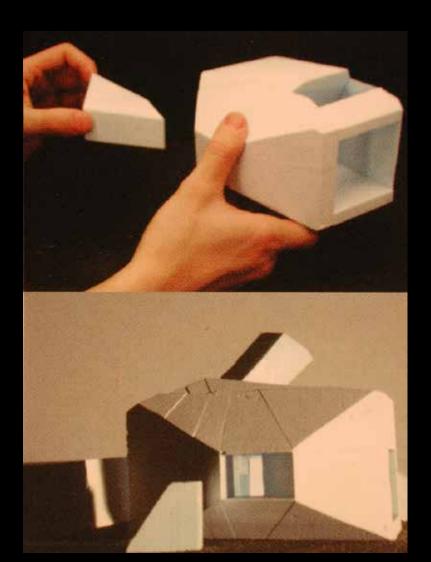
RECYCLING TYPOLOGIES + CONCEPTS

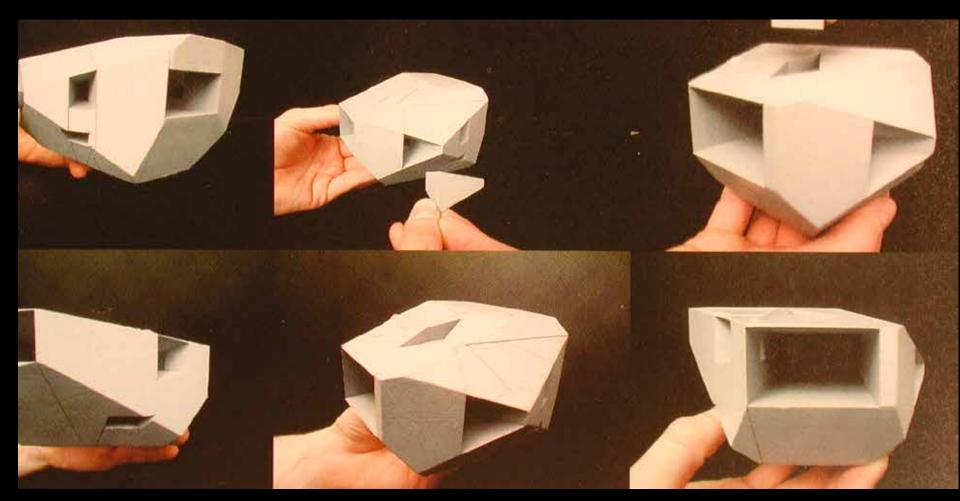


REM KOOLHAAS







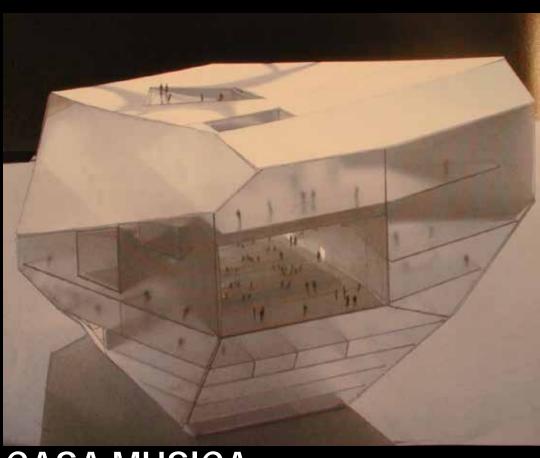




Y2K HOUSE



Y2K HOUSE



CASA MUSICA

WWW.OMA.EU

RECYCLING



ISE SHRINE





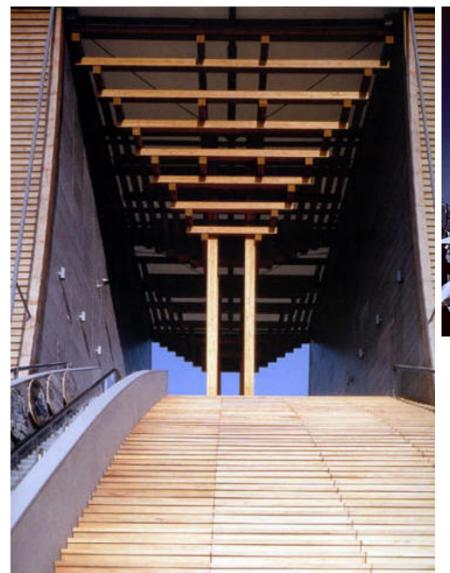


GREEN & GREEN

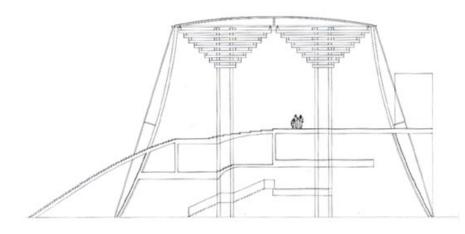




PIER LUIGI NERVI







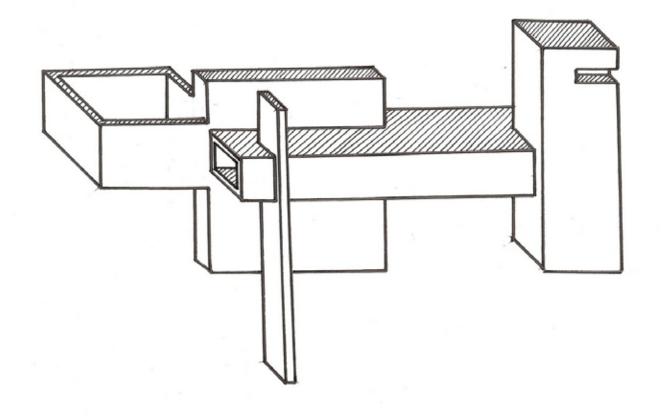
TADAO ANDO



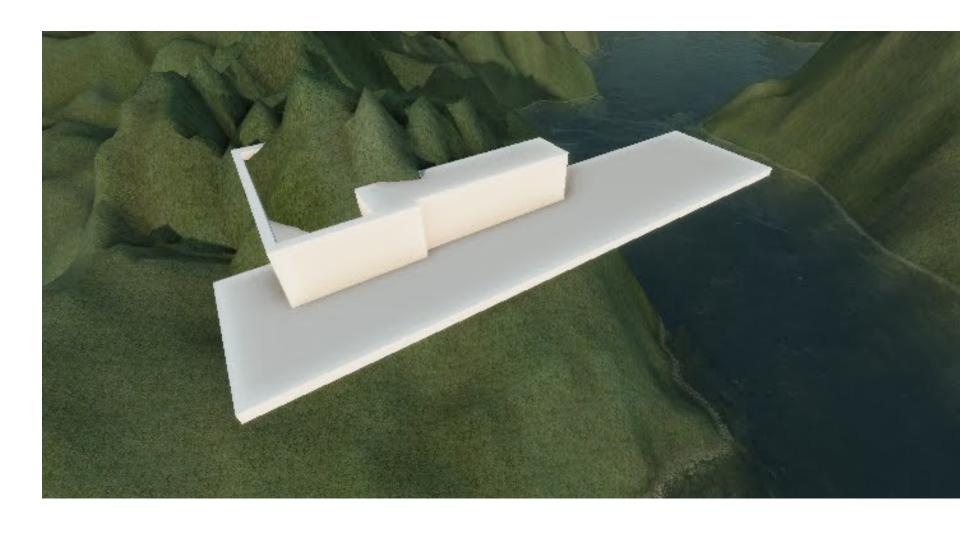
TADAO ANDO

NOX-ART-ARCHITECTURE.COM ZAHA-HADID.COM F-O-A.NET TED.COM

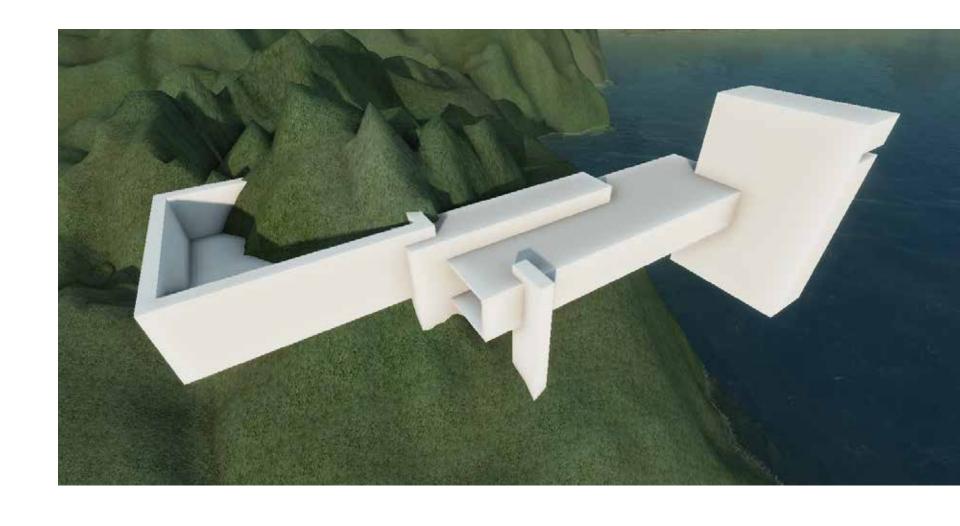
STUDENT WORK



JAMES GITO



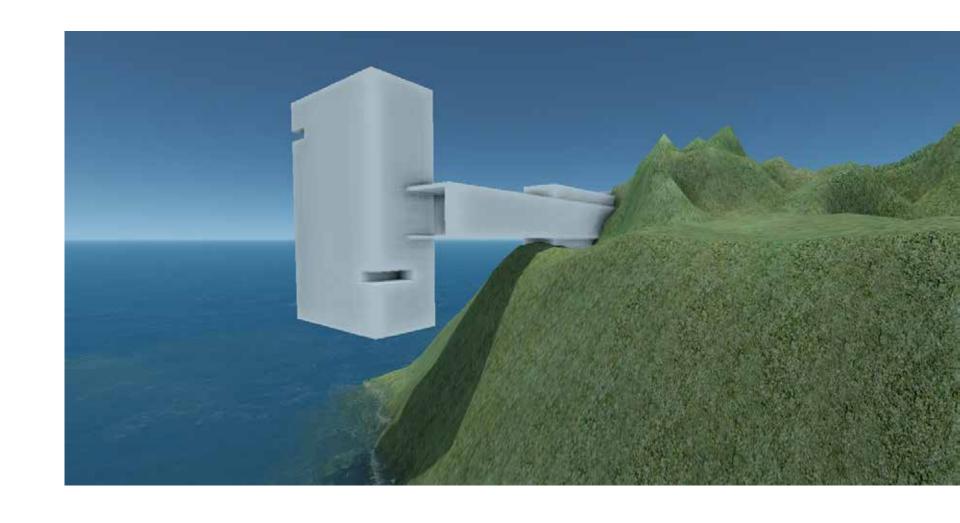
JAMES GITO



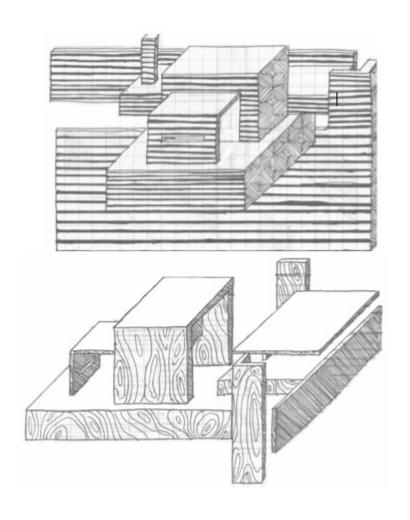


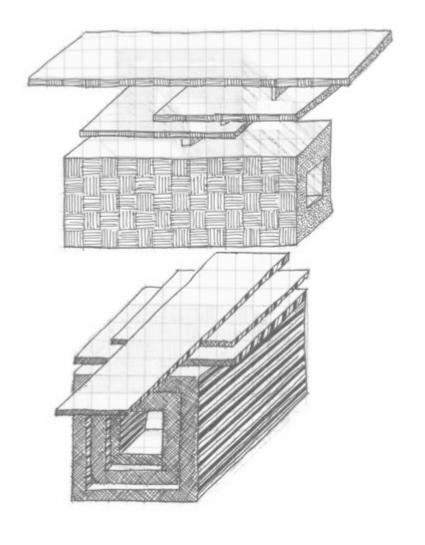




















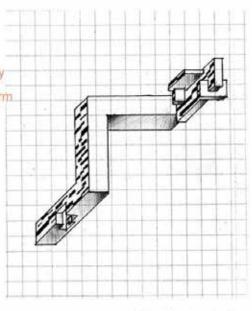
DEMAS RUSLI

ARCH 1101 EXP2 2010 designed by Ricky Fan The moodboard of the concept

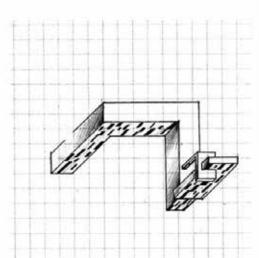
The inspiration of the architecture form



No-Boundary Invisible Form Undefine Wisdom Twist



The draft sketches of the idea



Branch

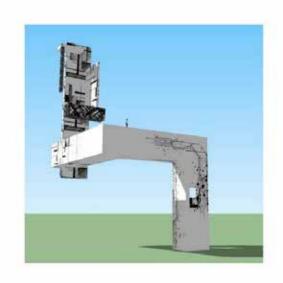
Wisdom Intersection

Life

Relationship

Evolution

Adaptive

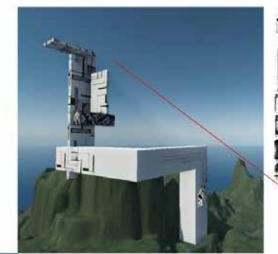


RICKY FAN

ARCH 1101 EXP2 2010 designed by Ricky Fan The moodboard of the concept

The inspiration of the architecture form

I take effort to create the architecture combining gradually with the environment



S.H.'s Lab:

The idea of this space is 'undefine space', in general, the space is comprised from dot to line, from line to surface. But according to S.H.'s 'no boundary' idea, I make a bold assumption and create an experience of 'imaginative space'.

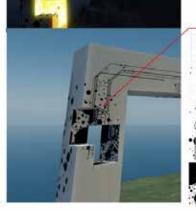
The pattern is supporting this idea



Meeting place:

For the aim of exchanging ideas, I create a space which is the fusion of the sky and earth; the mergence of the horizon and ground surface.

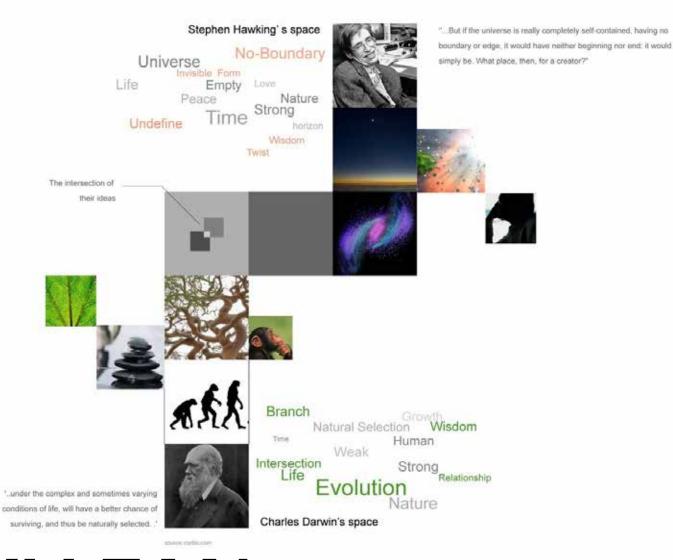
(The space seems to become no boundary')



C.D.'s Lab:

'Evolution' is C.D.'s great attainment. The key value of this space are 'intersection', 'chain', 'growth' and 'unlimited'.

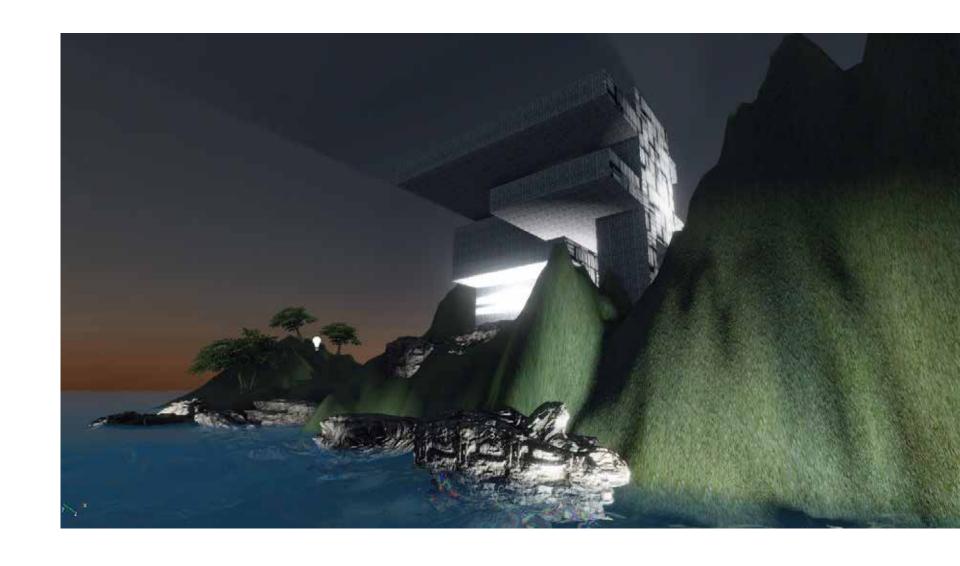
RICKY FAN



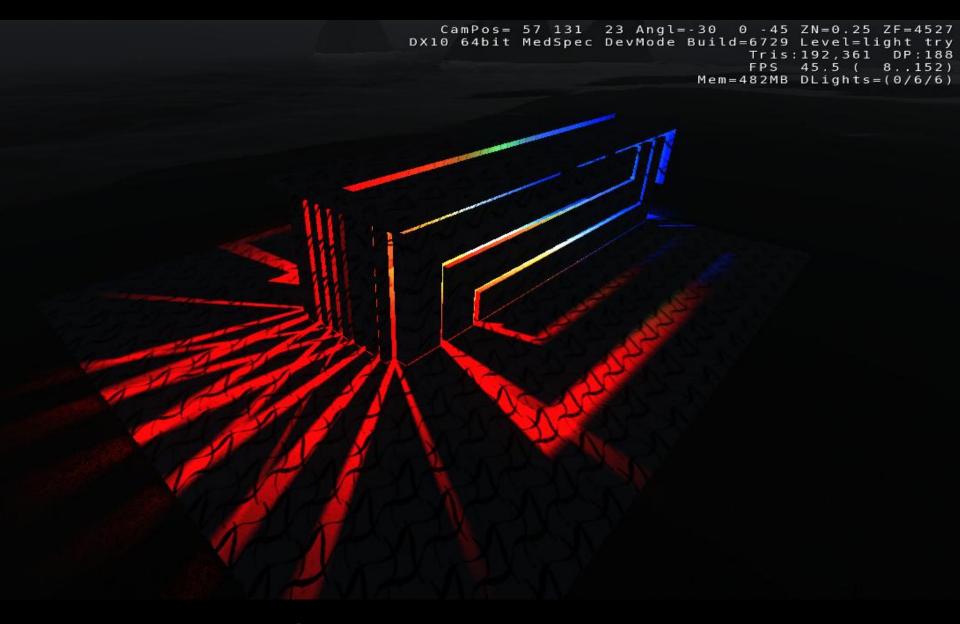
RICKY FAN



PATRICK LEAL



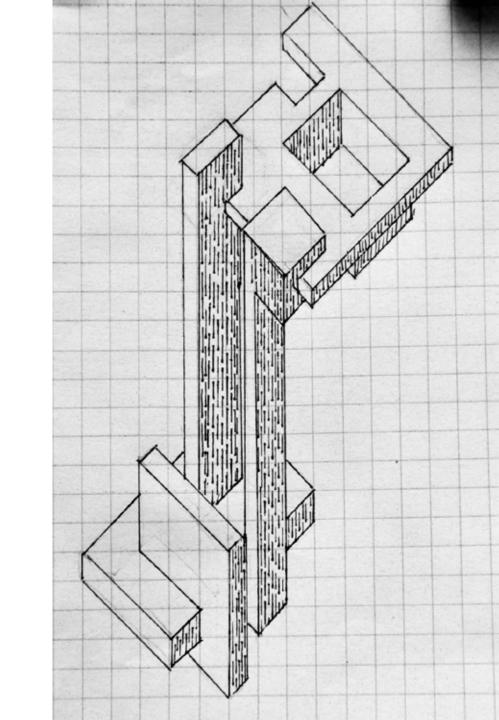
PATRICK LEAL



KEVIN SI



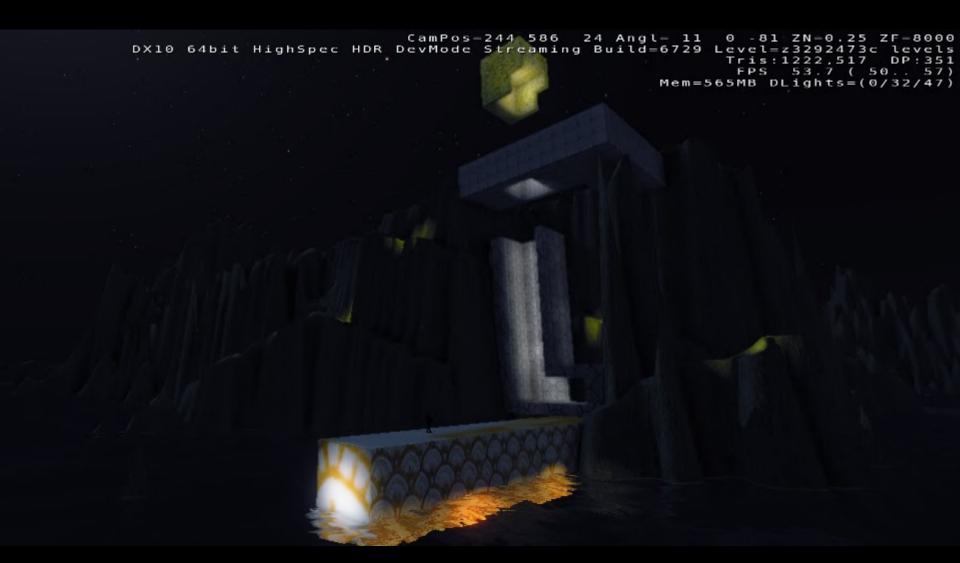
KEVIN SI

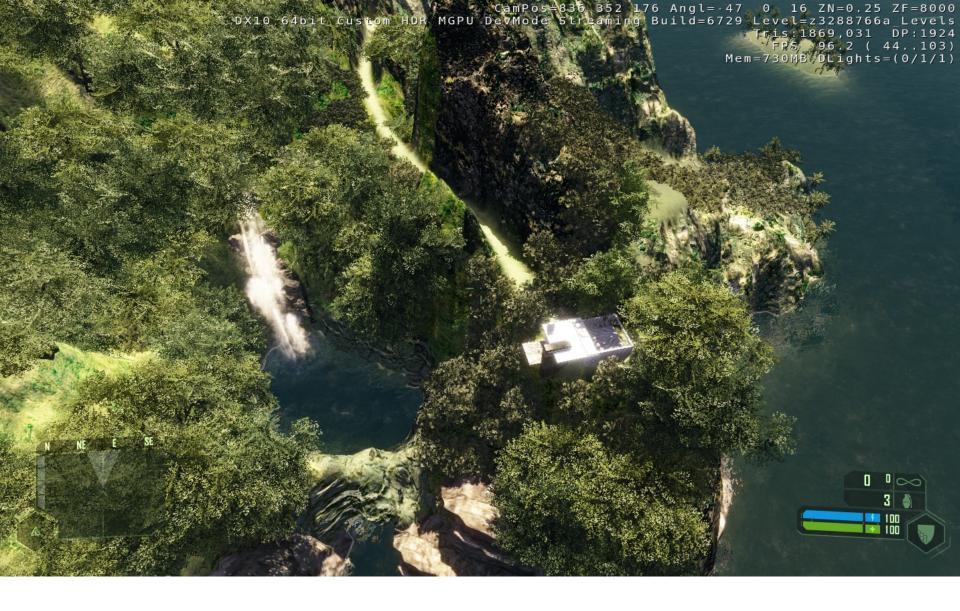




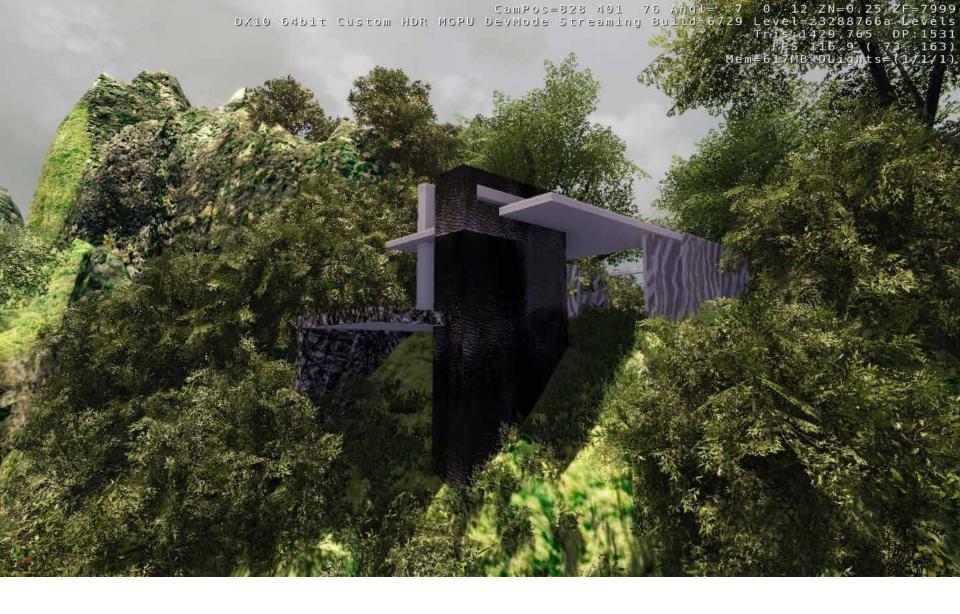








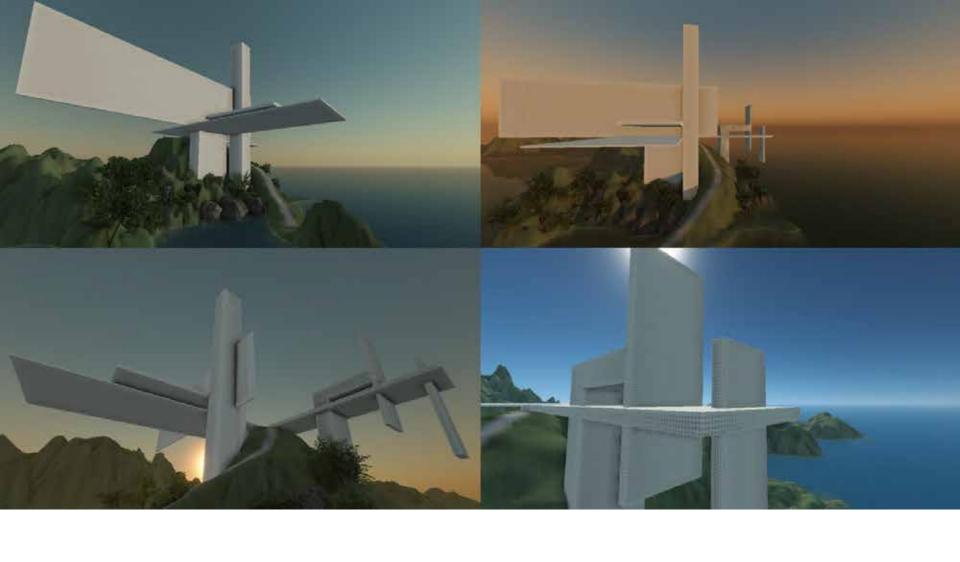
JAMES HARGREVES



JAMES HARGREVES



JAMES HARGREVES



BRYAN NGUYEN







The tenture I choosed was three texture from one group, light to dark. And since the structural wall was main support, I used the darkest texture to show the high density and stable. Use the same reason, the secondary wall used the medium texture. And the roof was used the fichtest one.





MARIA AGNESI'S LABORATORY

The hypothesis I selected was 'Agnesi's knowledge of multiple languages helped connect all the different facets of her life. So in my opinion, the Maria's success was based on her different knowledges. And her knowledges support her researchs and achievements. In the architecture, the knowledges can be instead of the column other structural wall. Thereform I design a space which was support by the column and wall and easily saw the structure from the outside.









SIGMUND FREUD'S LABORATORY

The hypothesis I selected was 'Sigmand Freud developed the theory of human mind's organization and internal cerations: That was absolutely different from the Maria's laboratory. The Sigmand took more care the about inside of body. Although the mind was complex, he still could read your mind clearly. So I used the very simple entrance and complex inside space. But you can see through the building by the central hole cross the space. And space was seprate by two parts, private inside and public corrida. And the texture I selected was concrete with cool color to show the space hermetic and seprate from the maria's laboratory.







WEN JUN HU

- 1. Draw a series of 3 parallel projections exploring the interconnection between pairs of your drawings from week one (make sure that each one of the pair is from a different client). Use carefully hatched lines to highlight one set of surfaces that exist in parallel planes.
- 2. Draw the same set of 3 parallel projections from the opposite angle.

Note: throughout the class students will be exporting objects from SketchUp to CryENGINE3. To do this, find a student who has a functioning workflow and has a hardware and operating system setup that is the same as you

TODAYS STUDIO

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TODAYS STUDIO

QUESTIONS?