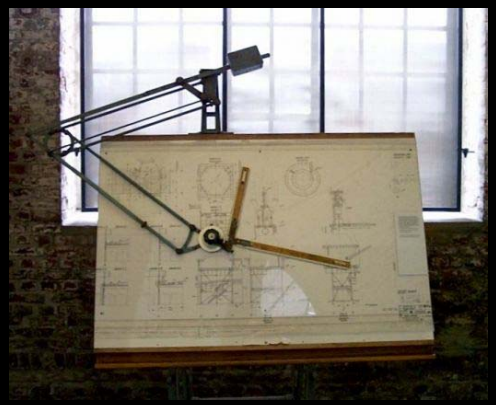
innovating the process

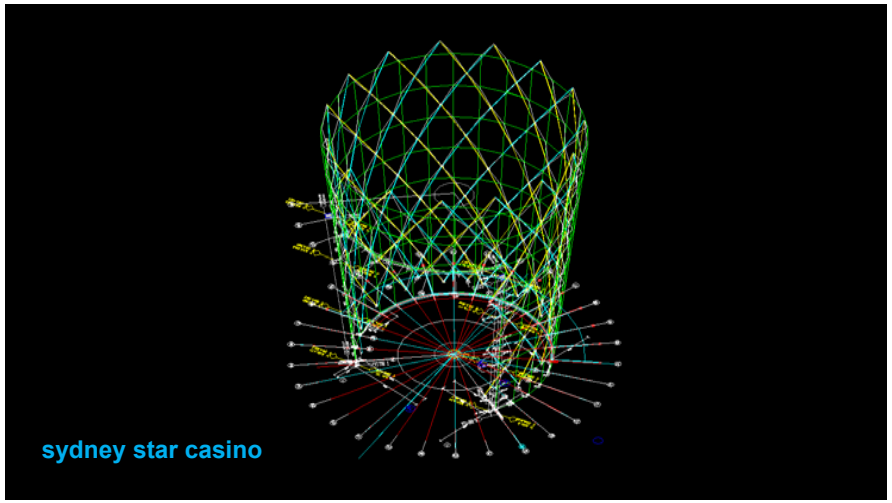
LSAA

joachim clauss, november 2013 COX

innovating the process

more with less

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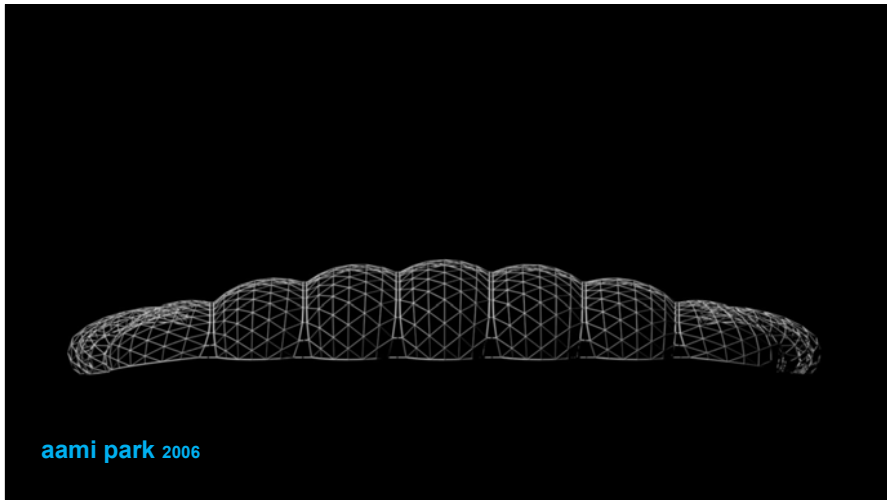
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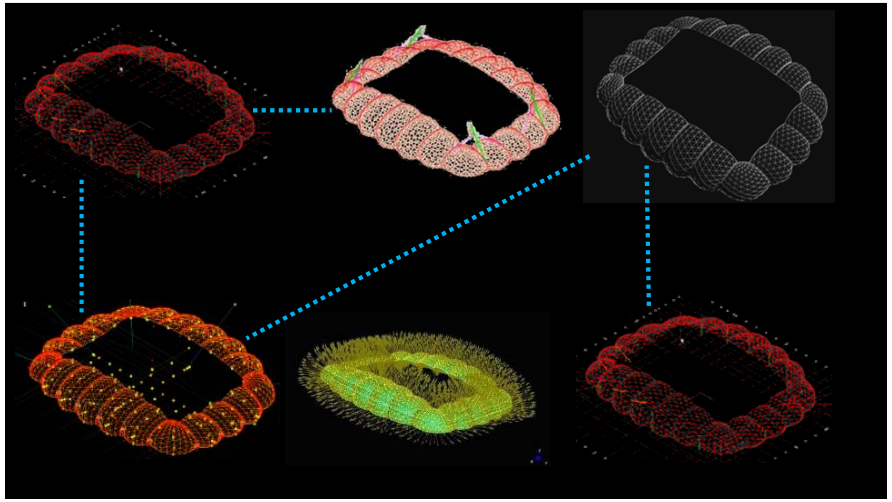

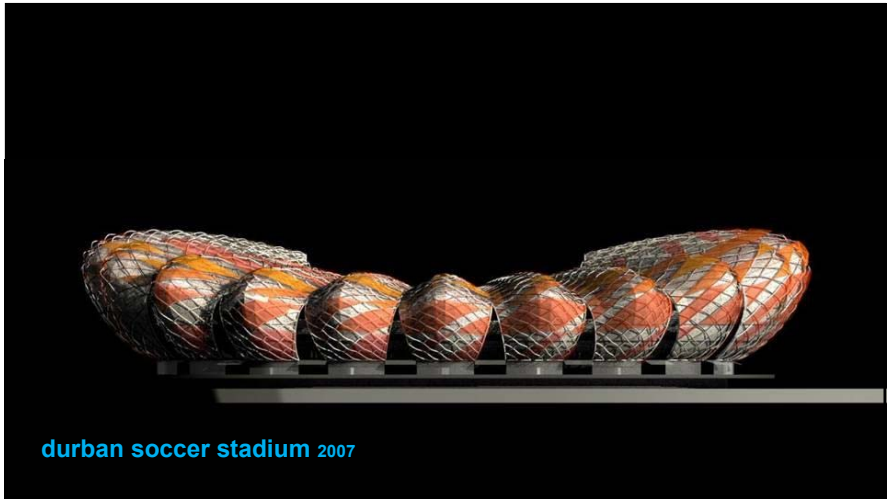
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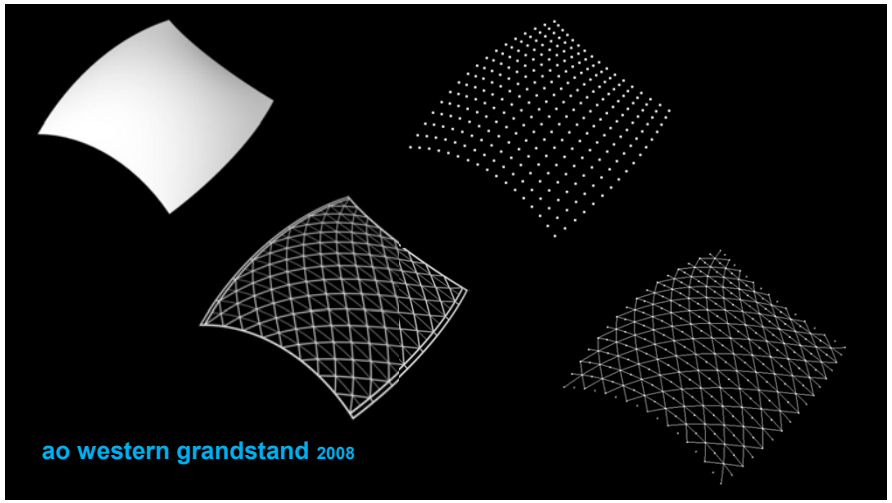

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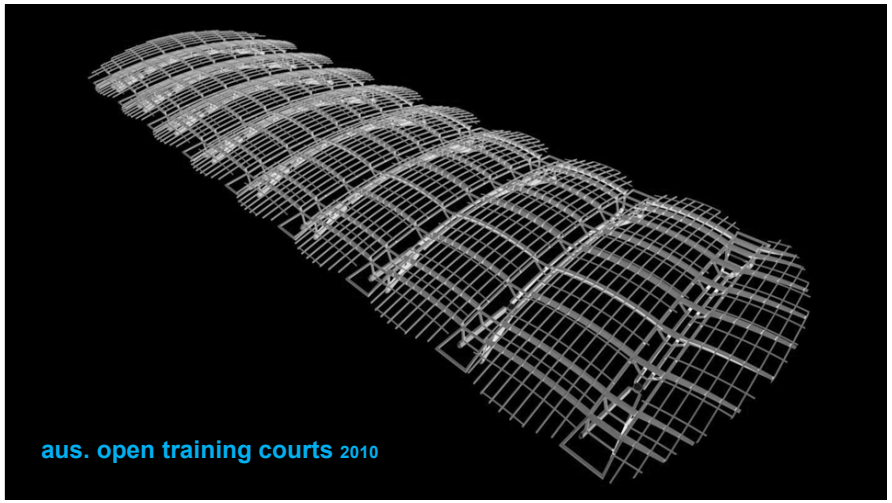

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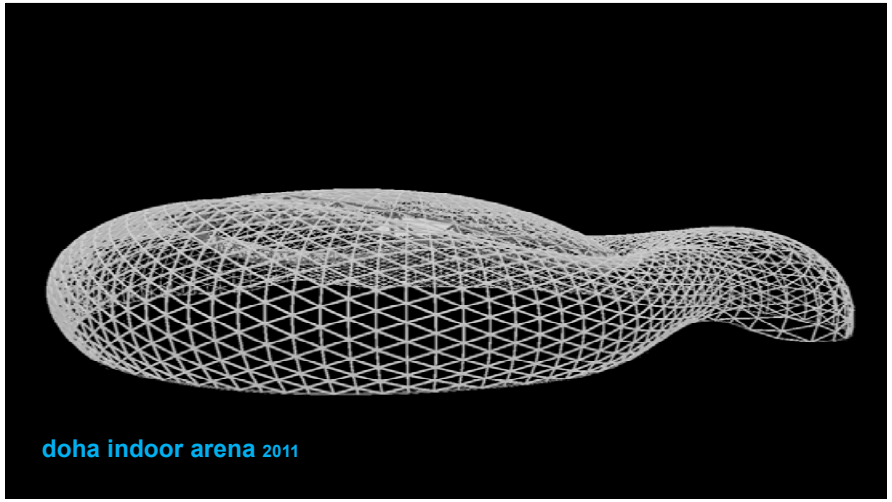

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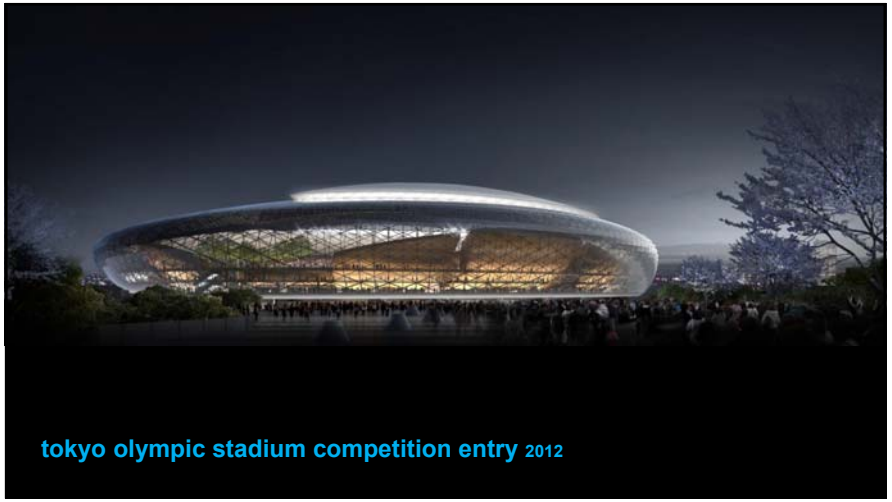
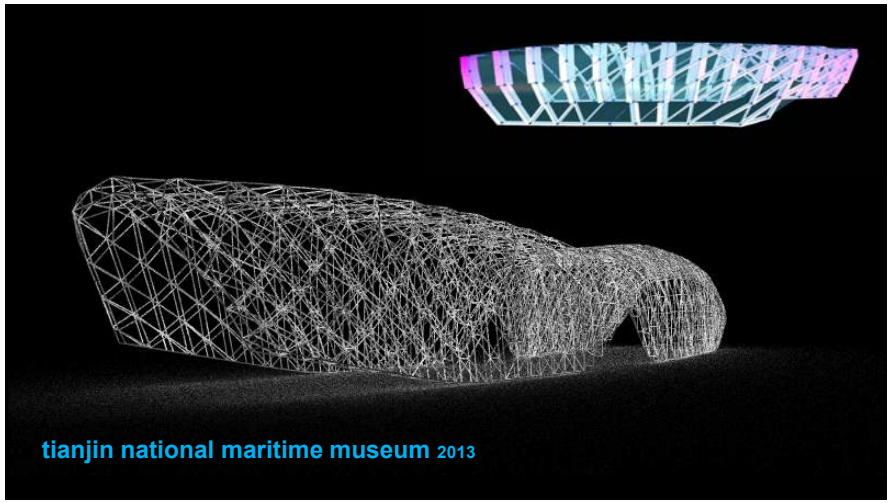
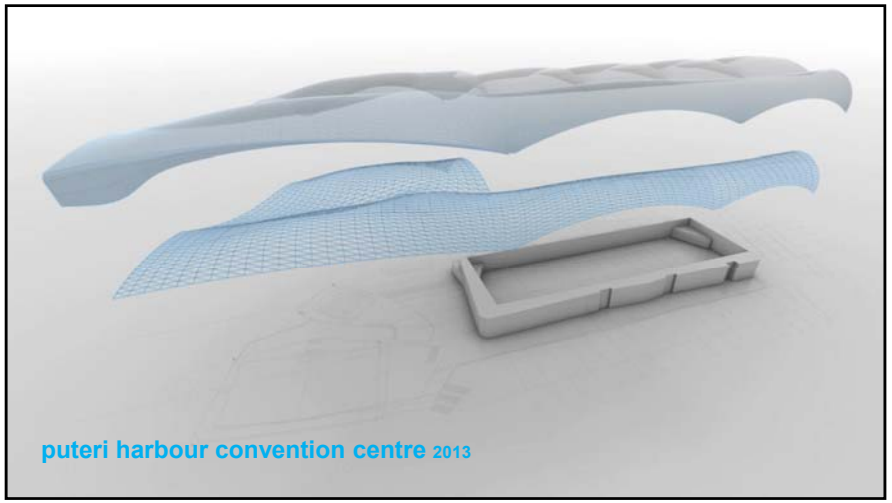
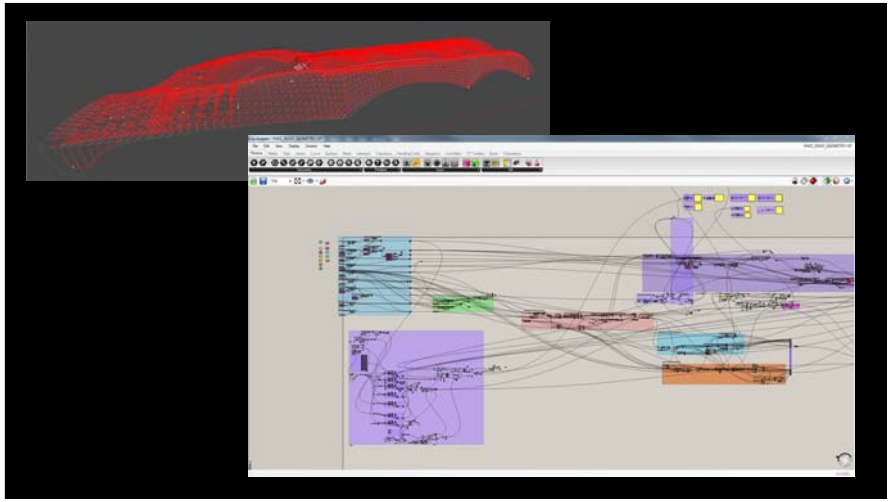


tokyo olympic stadium competition entry 2012

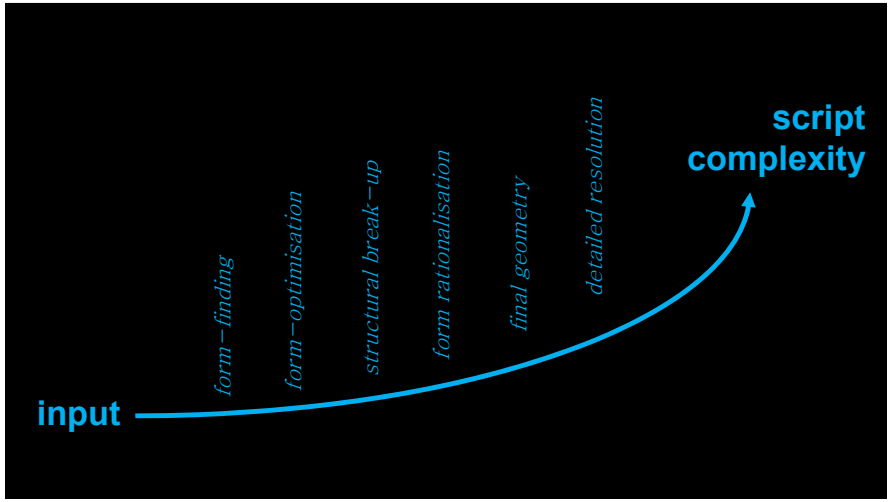




linking
variables and geometry



COX AGU


input
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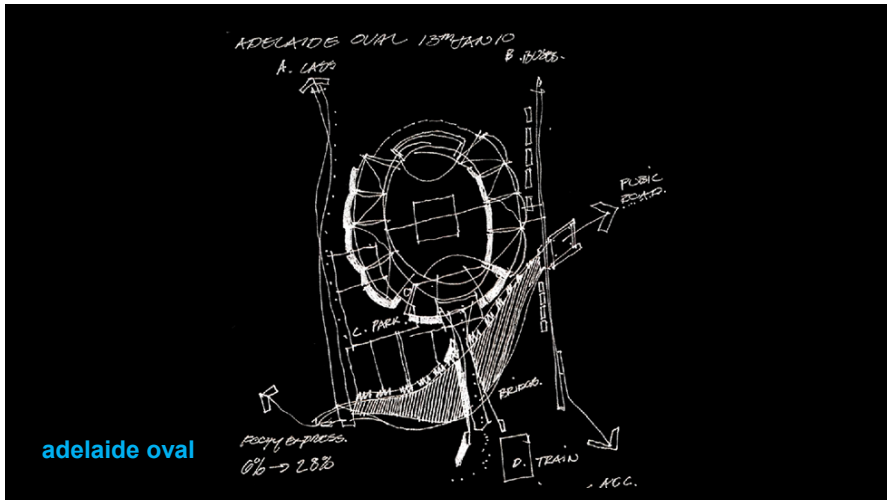
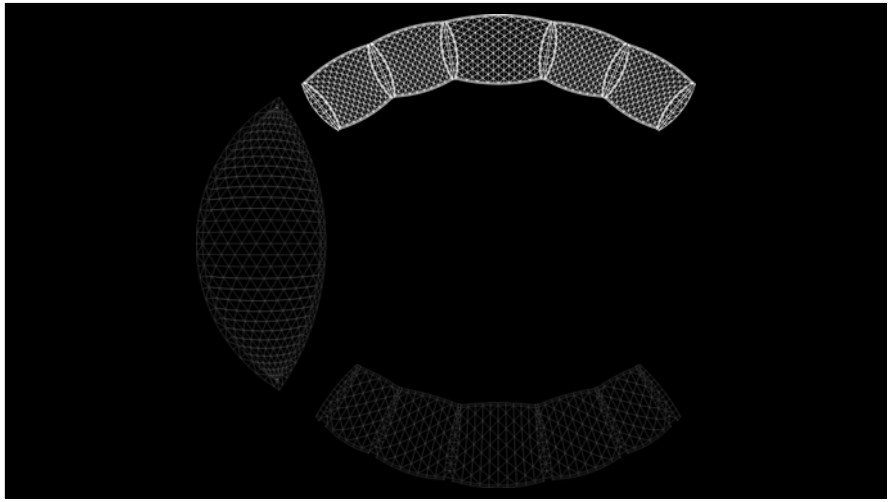
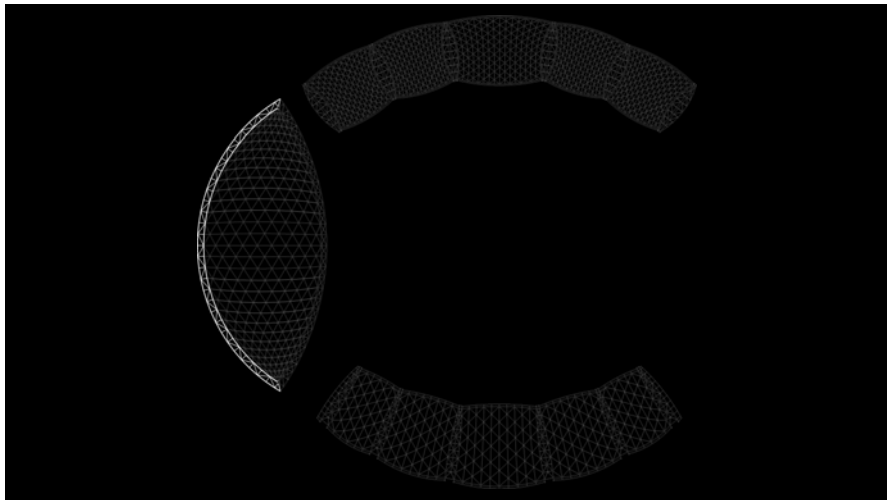
form−optimisation
structural break−up
form rationalisation
final geometry
detailed resolution
script complexity

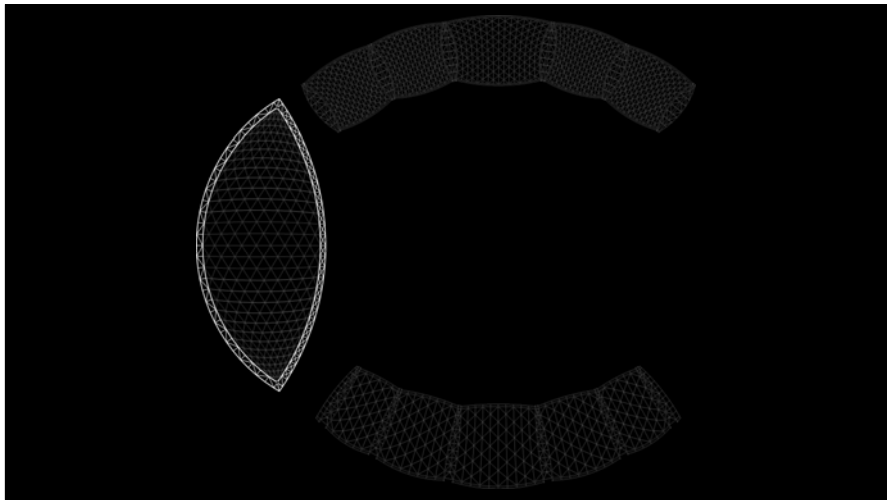
adelaide oval western grandstand

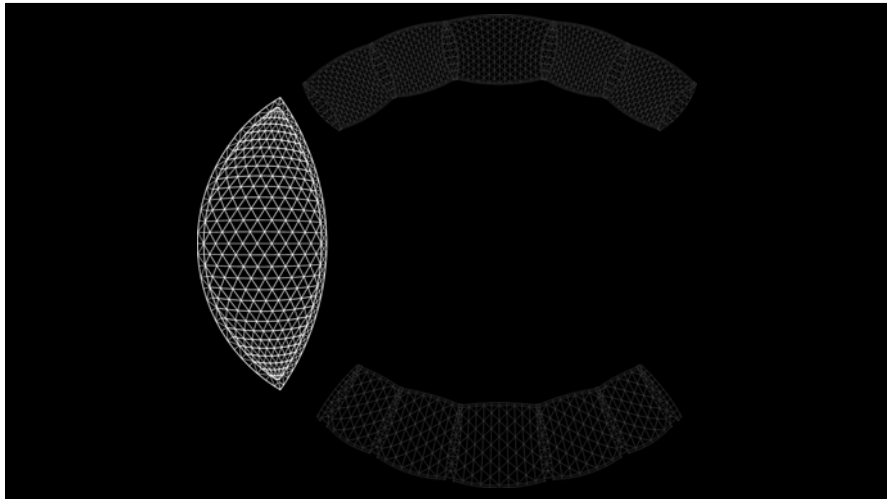


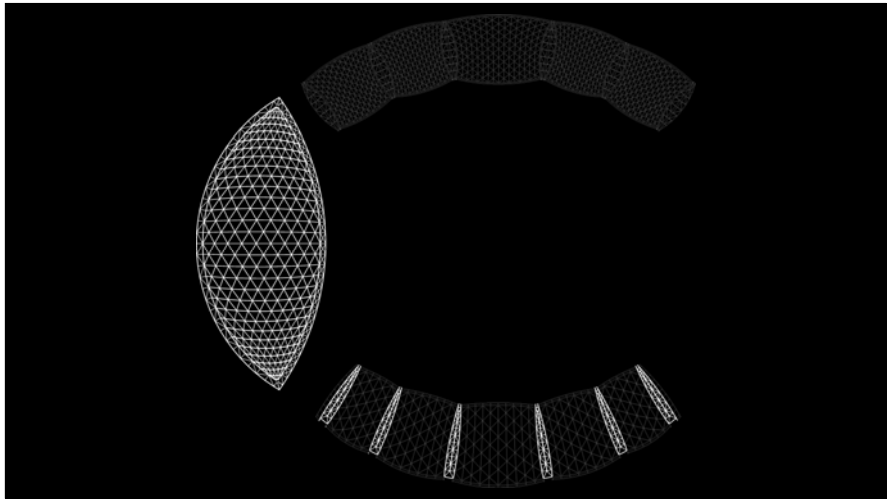
adelaide oval

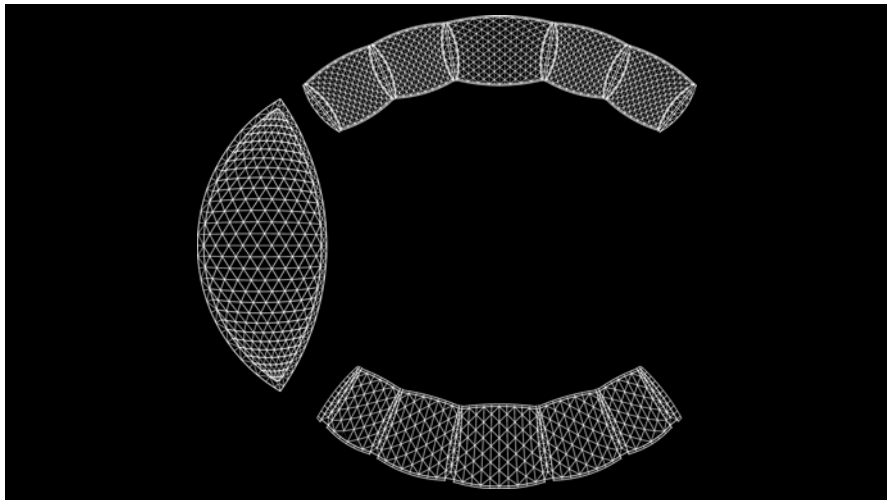


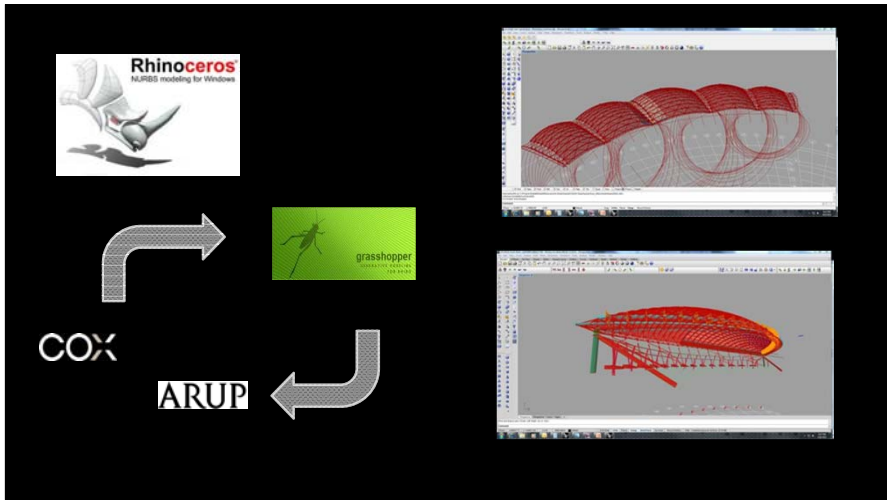


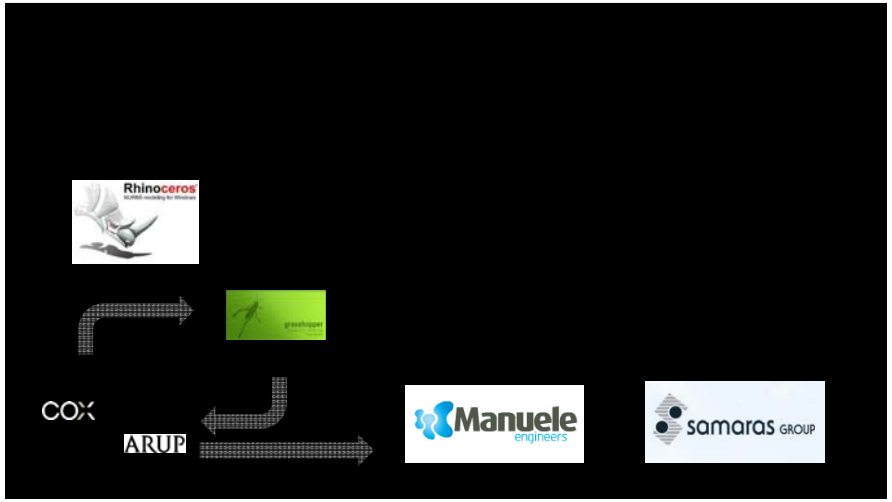


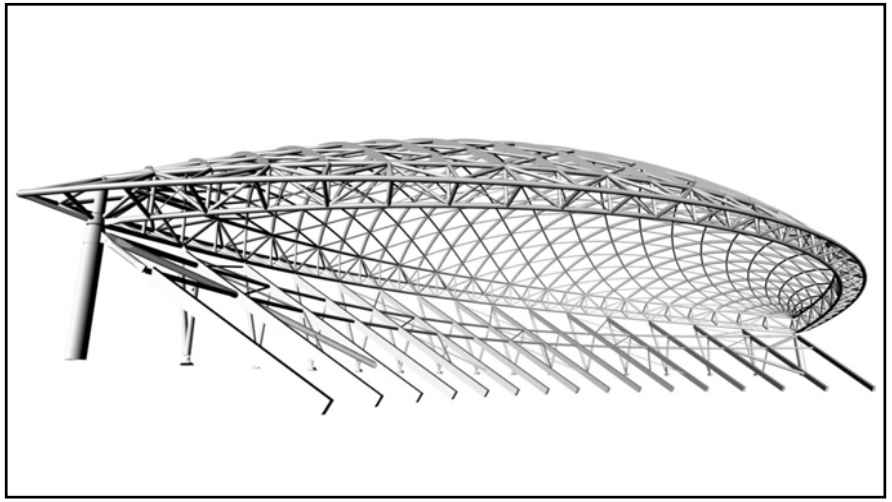


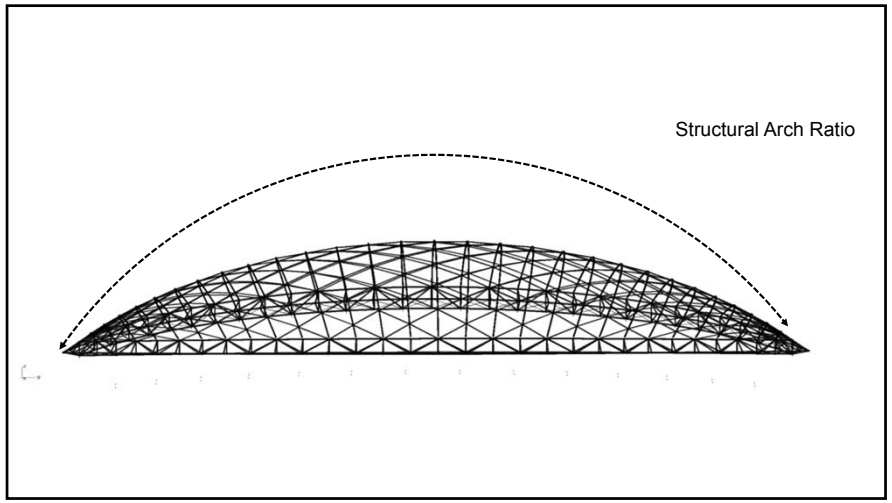


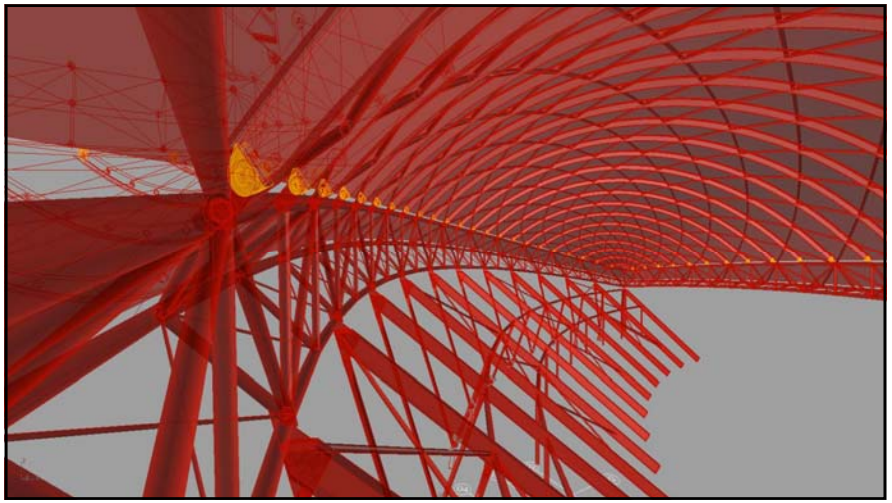


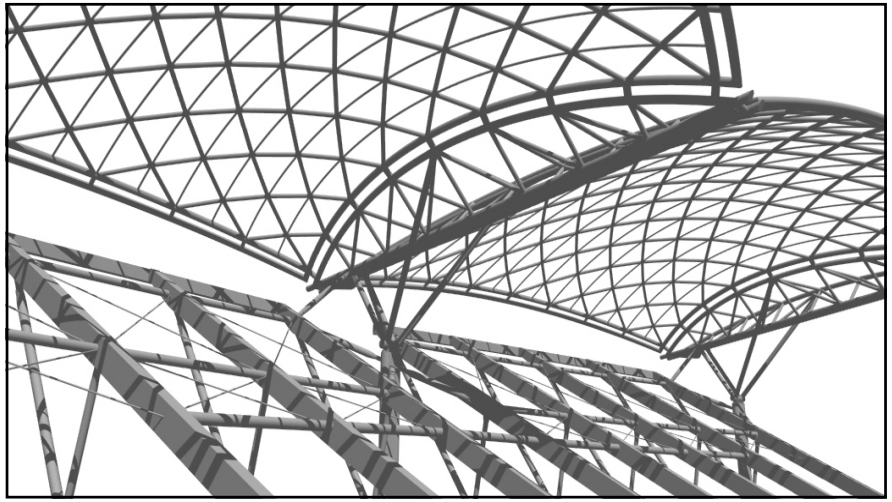

Rhinoceros
NURBS modeling for Windows
grasshopper
COX
ARUP

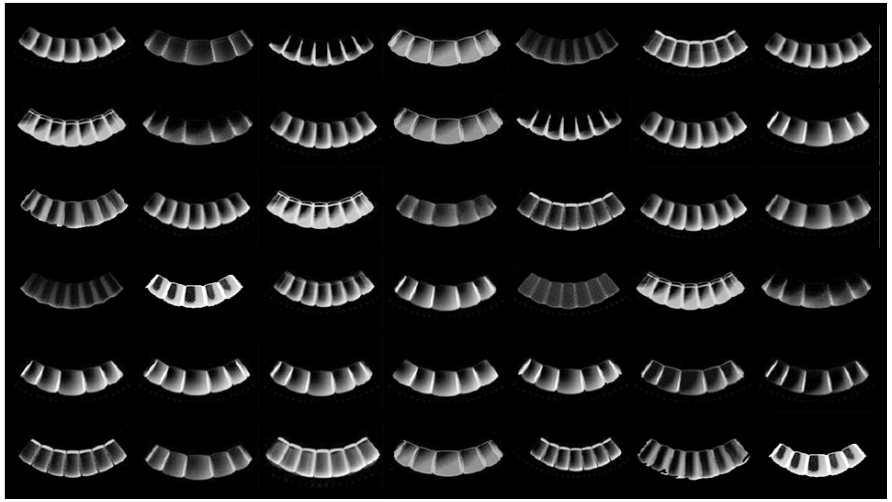

Rhinoceros
grasshopper
COX
ARUP
Manuele
engineers
samaras GROUP

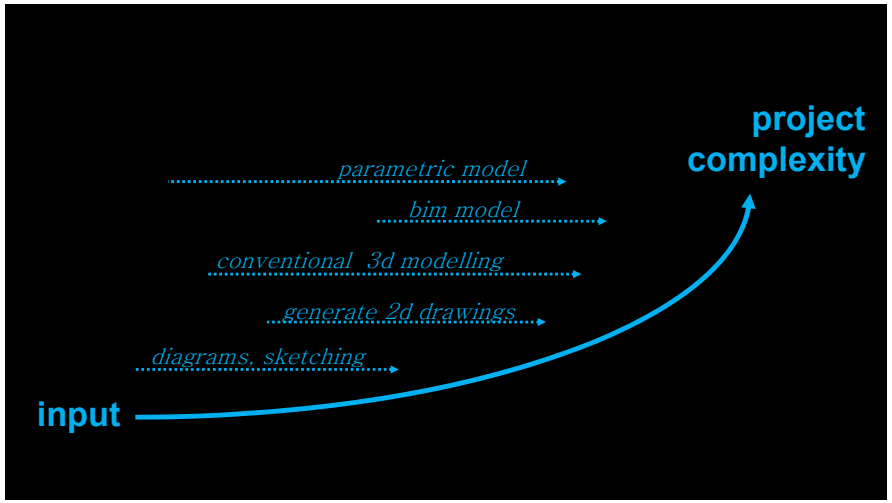



Structural Arch Ratio





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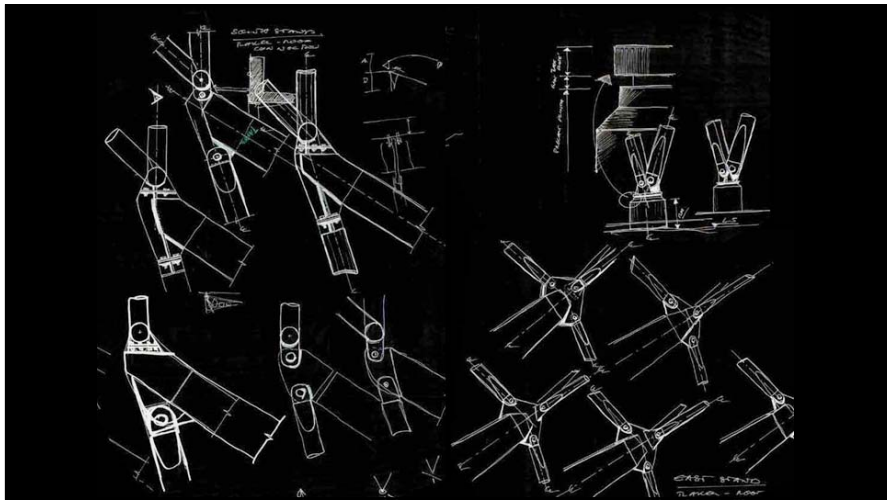
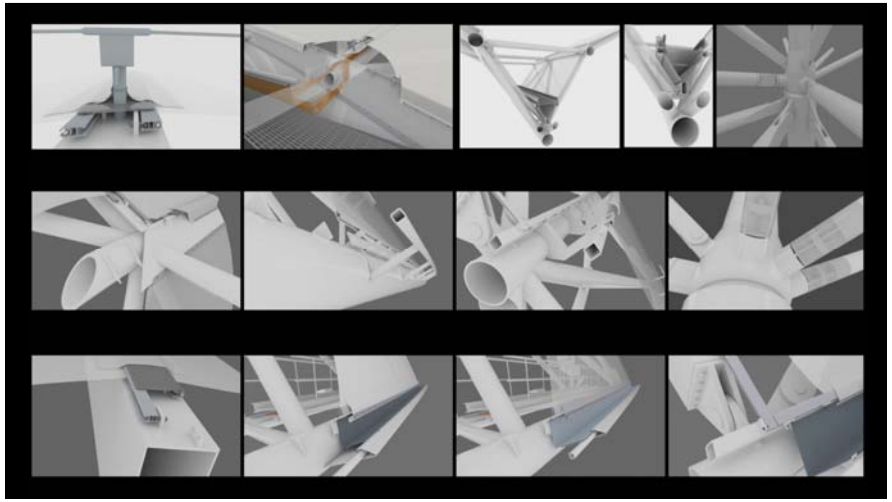
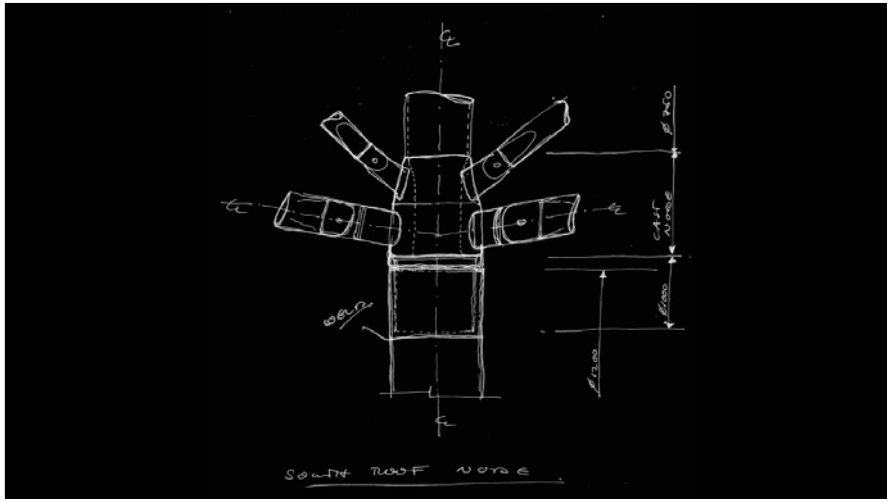
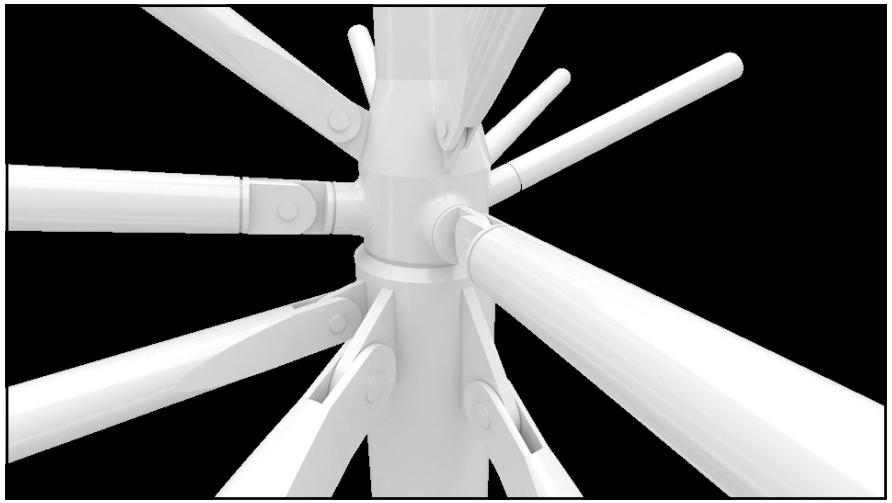
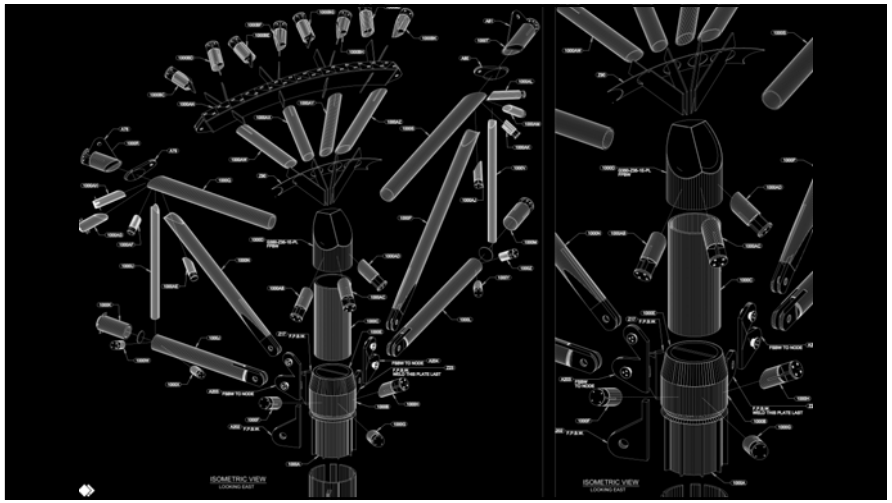
bim model
conventional 3d modelling
generate 2d drawings
diagrams, sketching
input










ISOMETRIC VIEW
ISOMETRIC VIEW