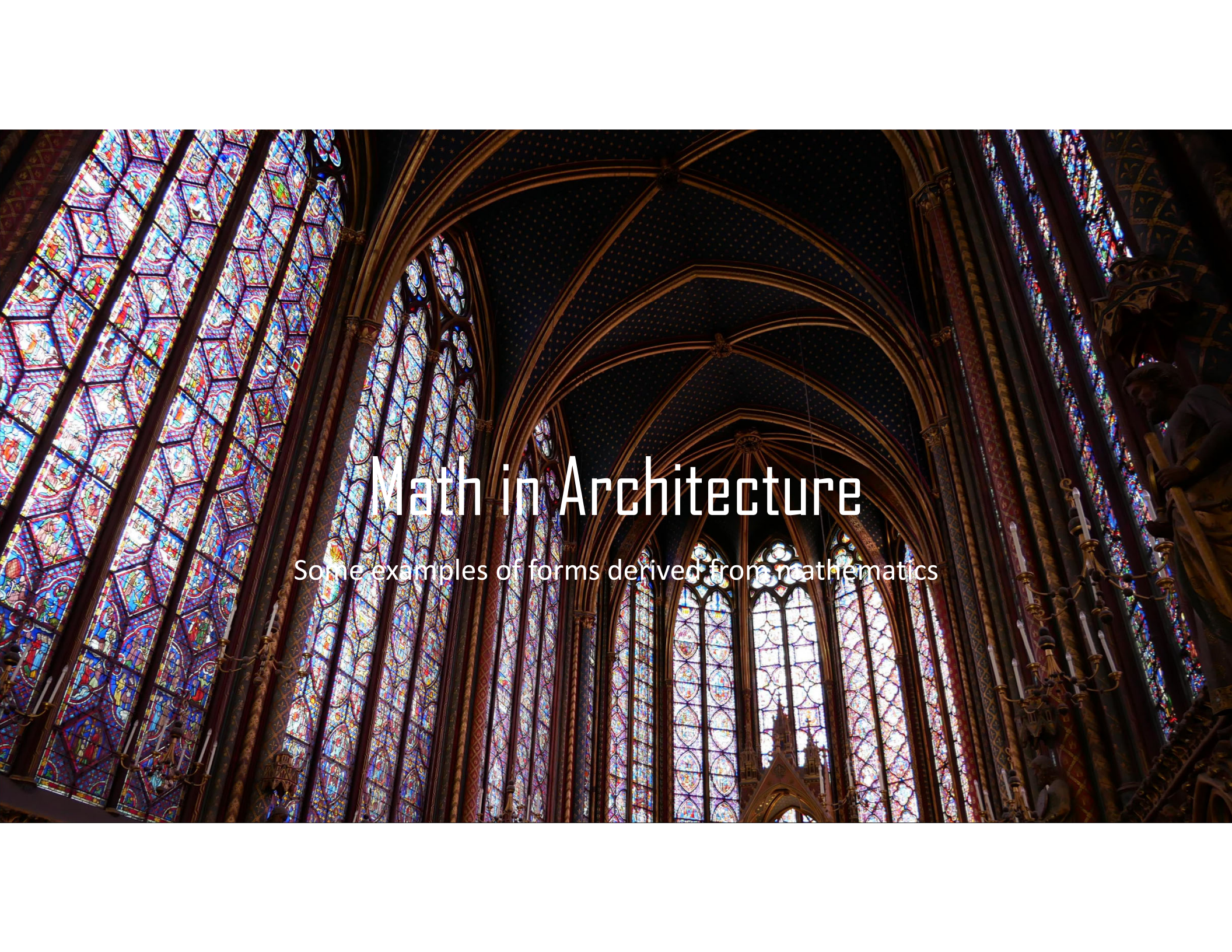
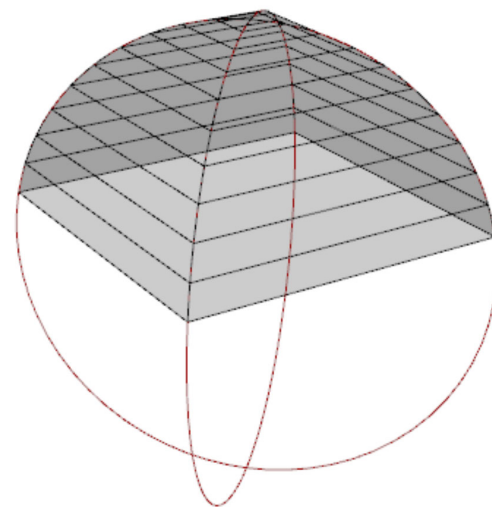
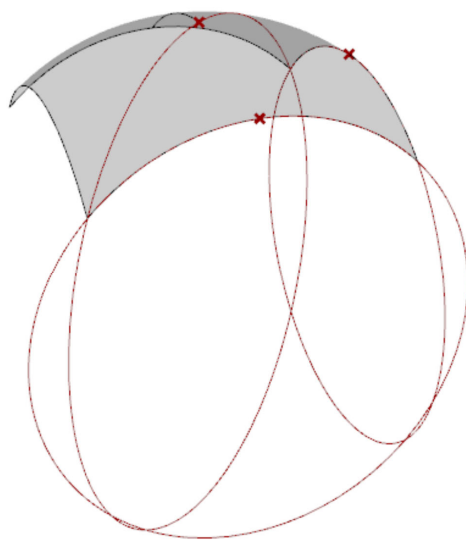
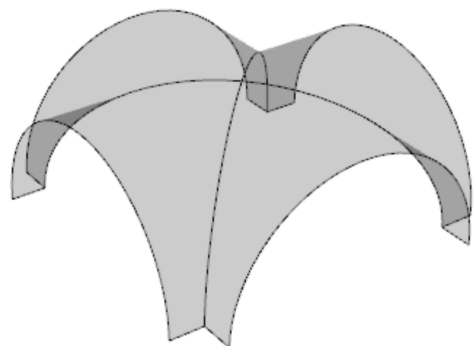
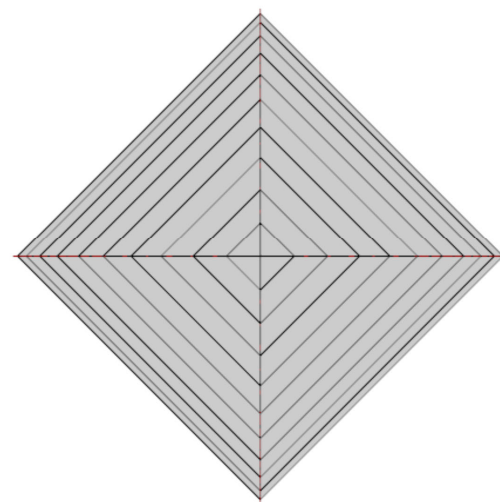
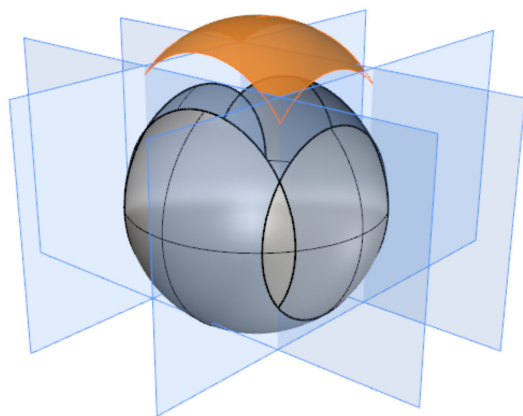
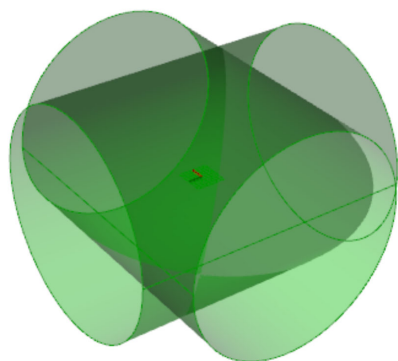
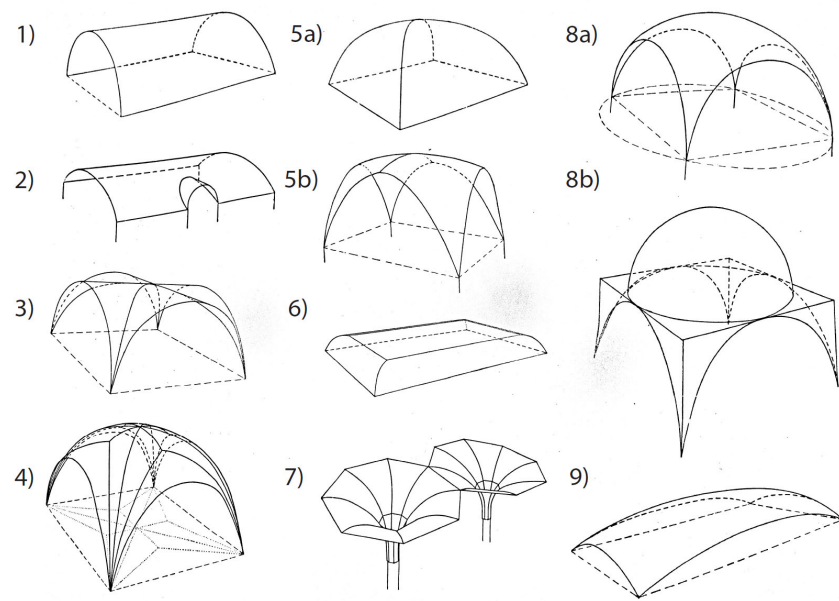


The image shows the interior of a Gothic cathedral, characterized by its high vaulted ceilings and large stained glass windows. The architecture features pointed arches and ribbed vaulting, which are mathematical structures. The stained glass windows are filled with colorful geometric patterns and figures. The lighting is dramatic, with light streaming through the windows and illuminating the interior. The overall atmosphere is one of grandeur and historical significance.

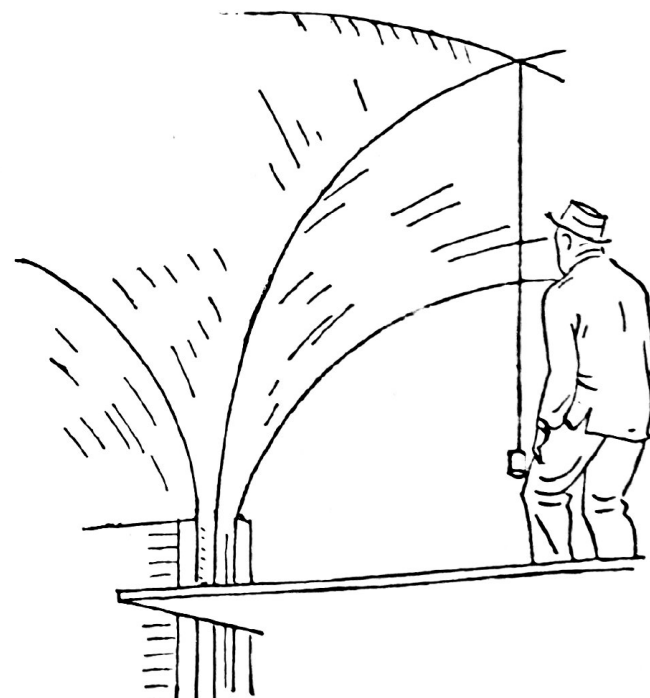
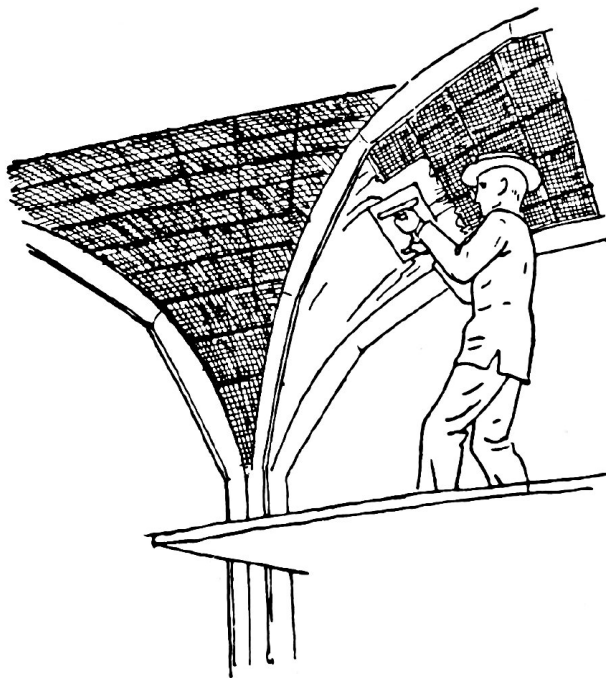
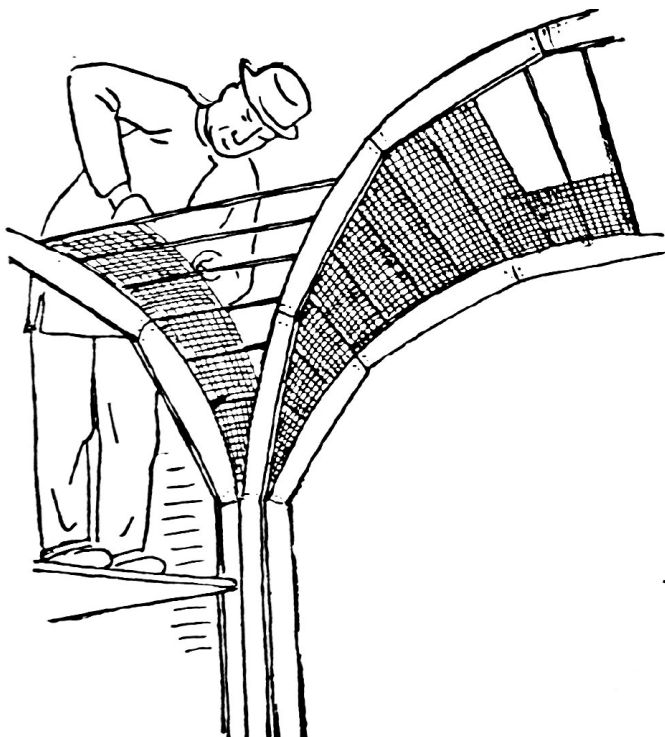
Math in Architecture

Some examples of forms derived from mathematics



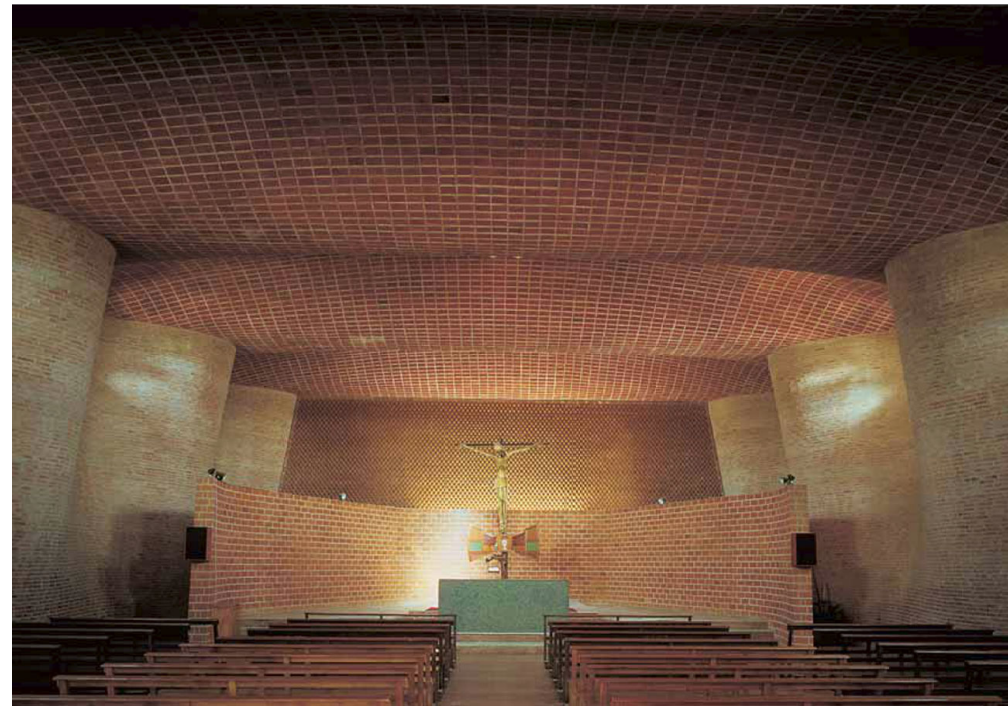


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Atlántida Church, Eladio Dieste



[Read more: Eladio Dieste: Innovation in Structural Art, Andersson](#)

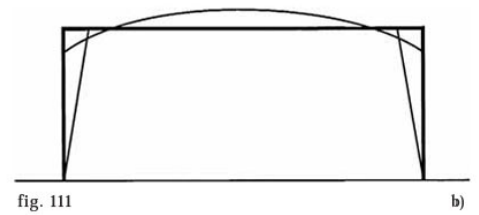
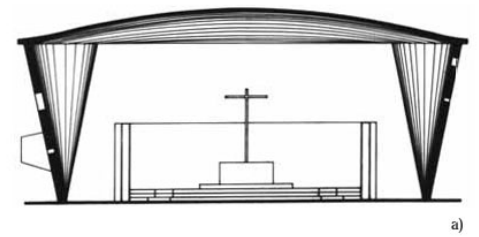
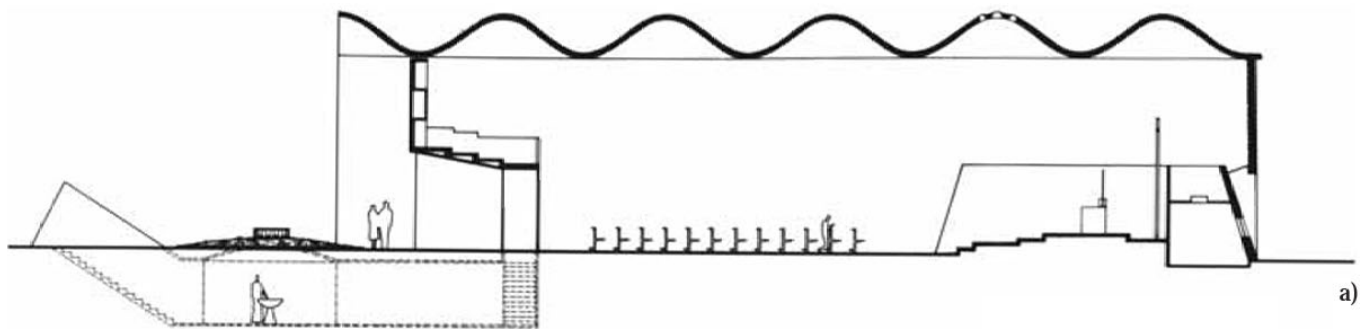


fig. 111

Read more: Eladio Dieste: Innovation in Structural Art, Andersson



The Sagrada Família Schools, Antoni Gaudí

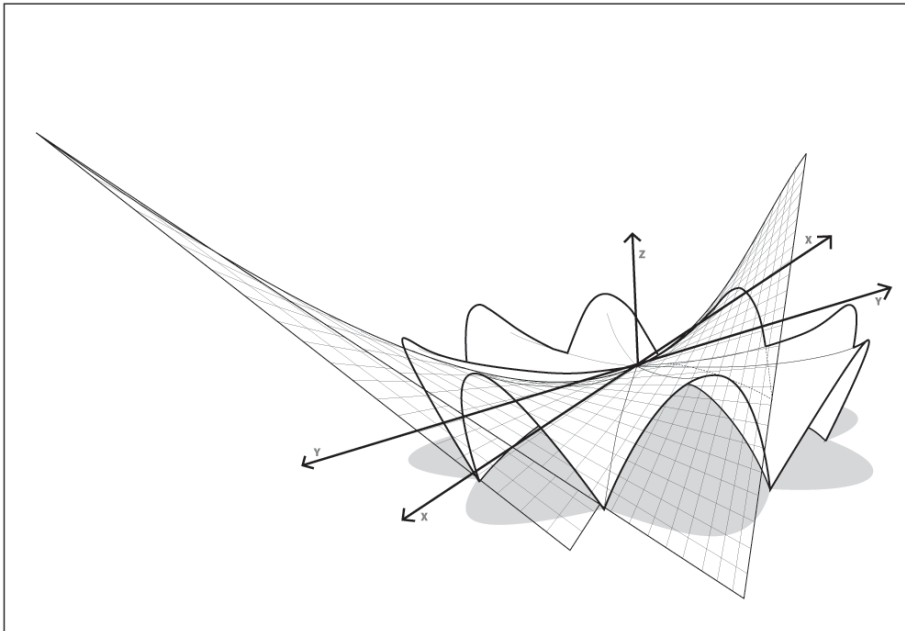
https://www.flickr.com/people/d_m_b/
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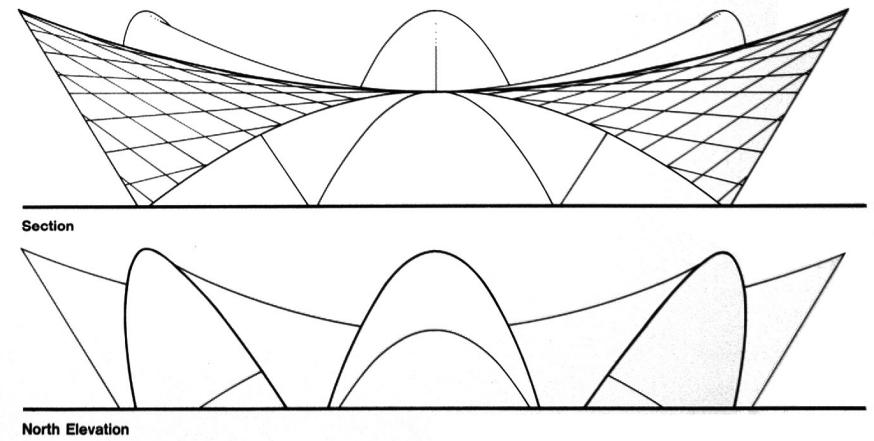
<https://www.archdaily.com>

L'Oceanogràfic, Felix Candela



L'Oceanogràfic/los manantiales, Felix Candela

Photos from <https://www.archdaily.com>





<https://en.wikiarquitectura.com>



Foto: Emil Adiels

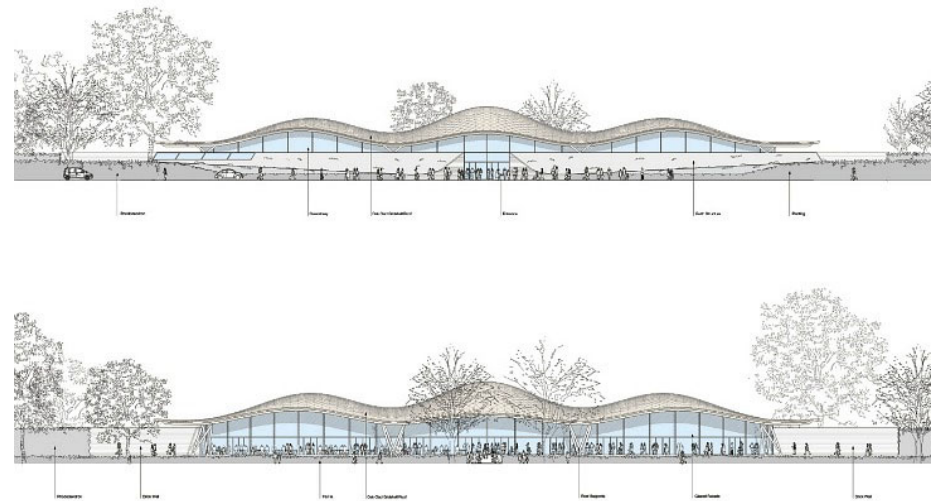
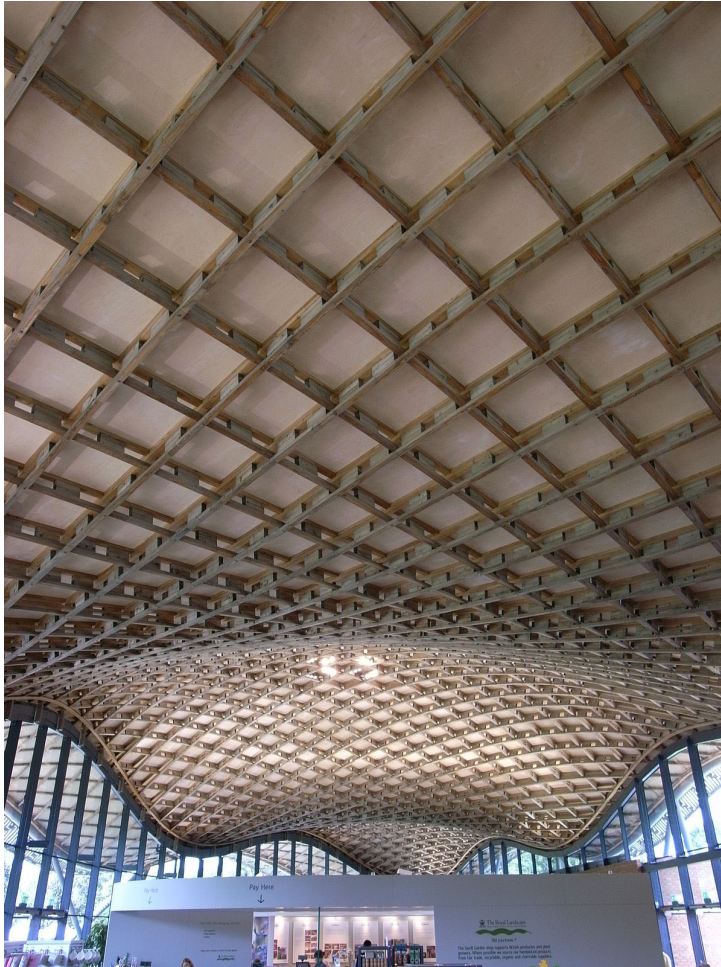
La masia freixa, Lluís Muncunill



<http://boluddhabcn.com/portfolio/la-masia-freixa/>

Savill Building, Glenn Howells Architects, Buro Happold

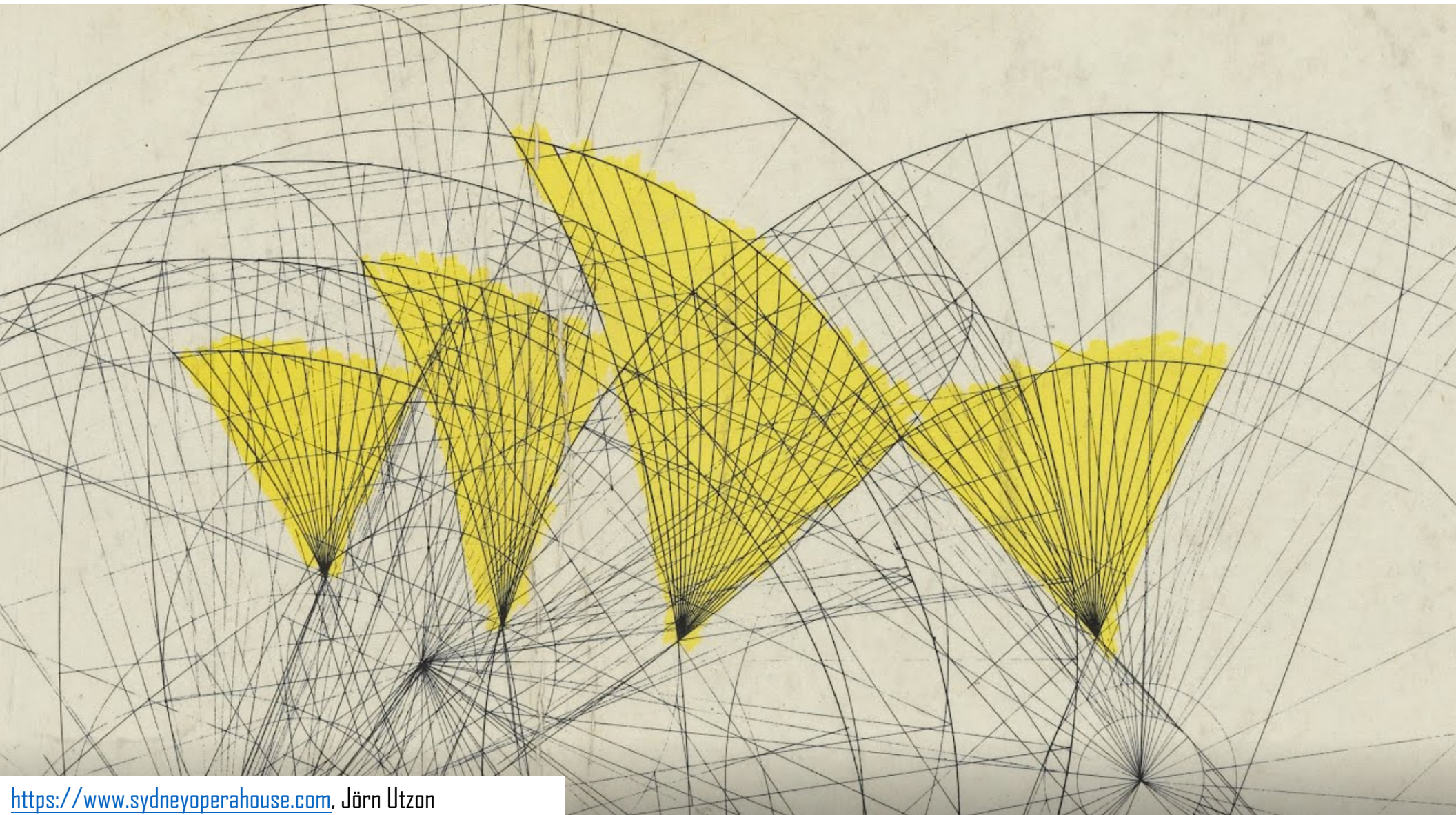




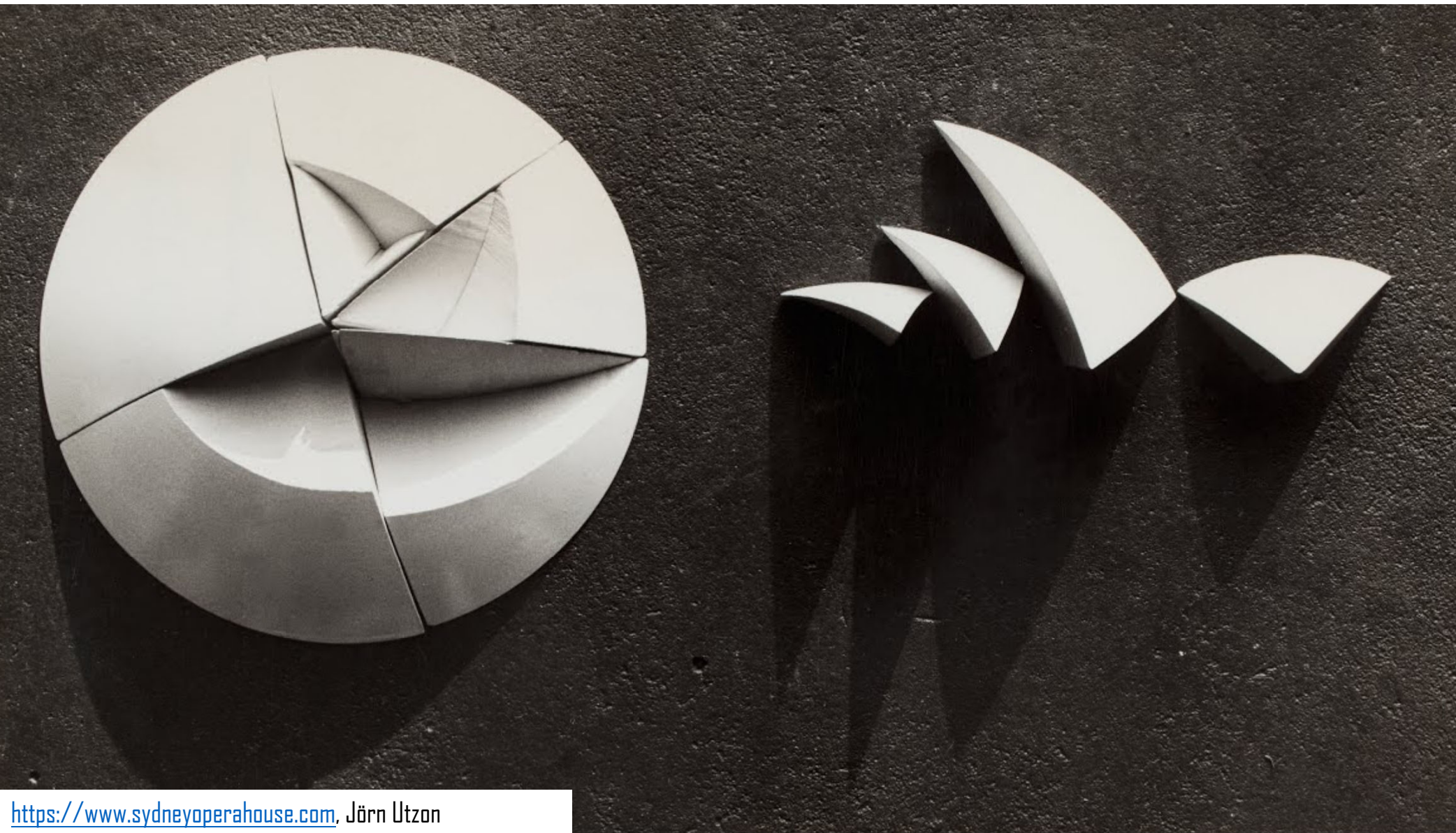
$$z = e^{\frac{x^2}{a^2}} \cos\left(\frac{2\pi x}{\lambda}\right),$$

Geometry: How Smart does you have to be, Williams

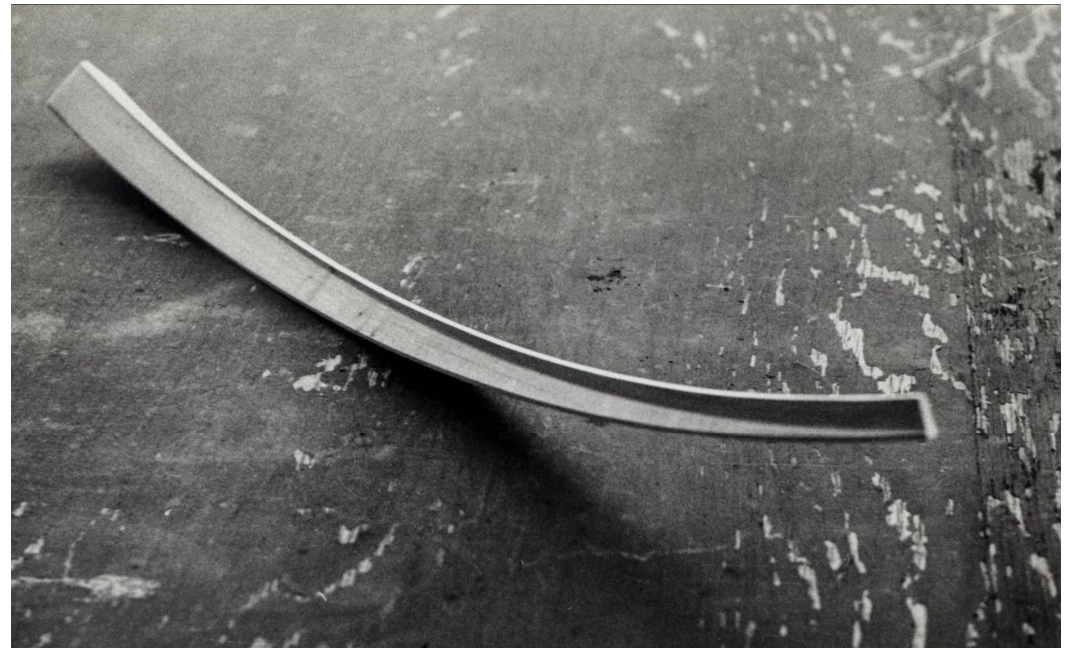
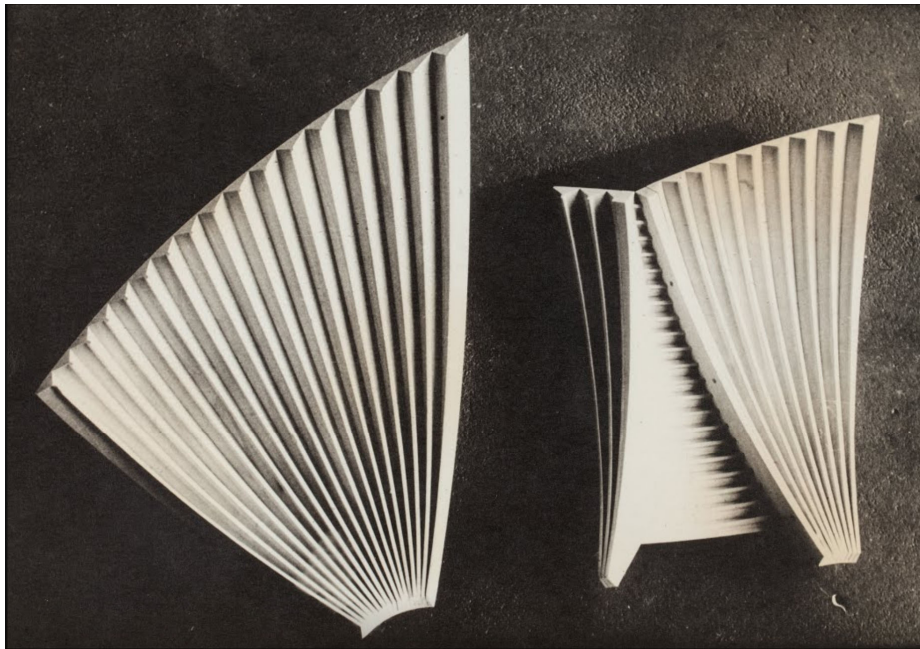
Inside smartgeometry - expanding the architectural possibilities of computational design



<https://www.sydneyoperahouse.com>, Jørn Utzon



<https://www.sydneyoperahouse.com>, Jörn Utzon



<https://www.sydneyoperahouse.com>, Jörn Utzon

