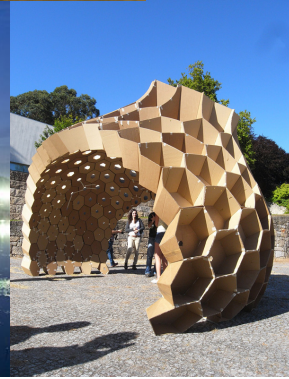
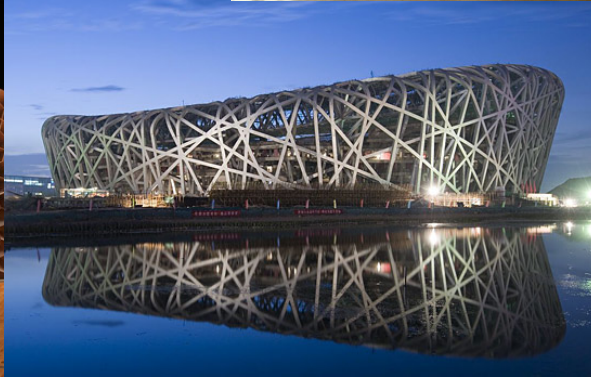
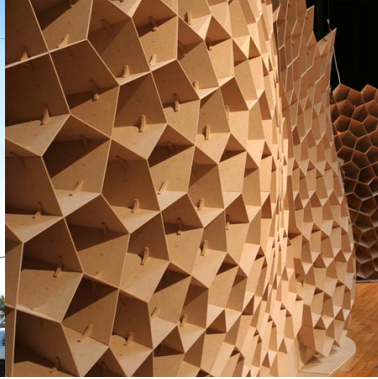
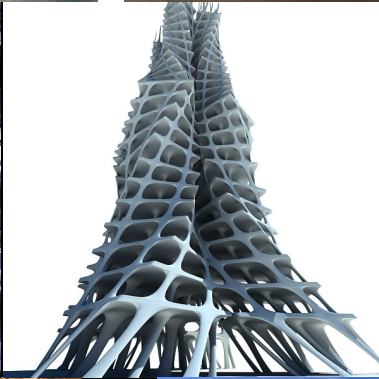
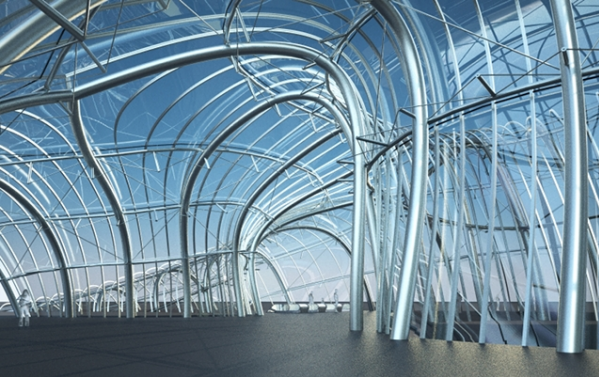


Αρχιτεκτονική & Κατασκευές σε Αρμονία

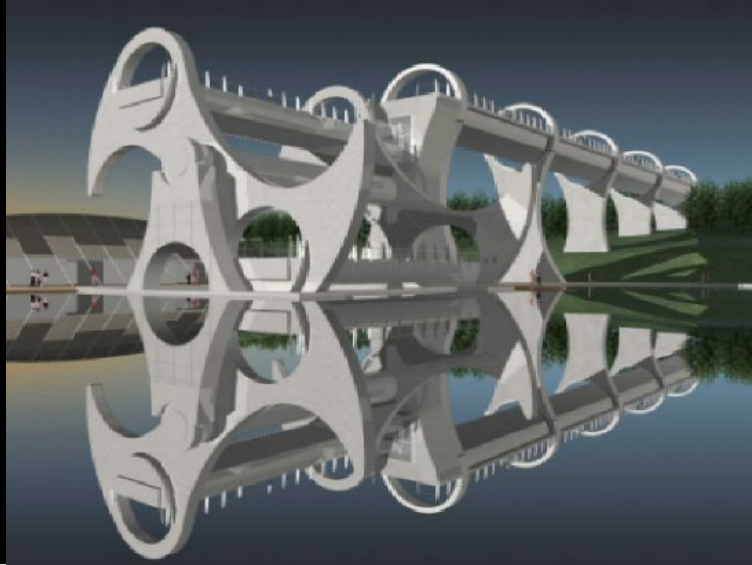
Ημερίδα, "Έργα Υποδομής"

Τμήμα Αρχιτεκτόνων ΑΠΘ, Κοσμητεία ΠΣ ΑΠΘ, ΤΕΕ ΤΚΜ, Δήμος Θεσσαλονίκης

Νίκος Τσινίκας, Καθηγητής Αρχιτεκτονικής ΑΠΘ, Θεσσαλονίκη, 2013



Η 'αρχιτεκτονική' του φέροντα οργανισμού των κτιρίων. Η συμβολή του η/υ στον σχεδιασμό.



Falkirk Wheel Aquaduct, Scotland, 2002 by architect Tony Kettle.

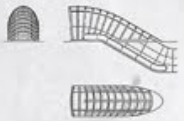
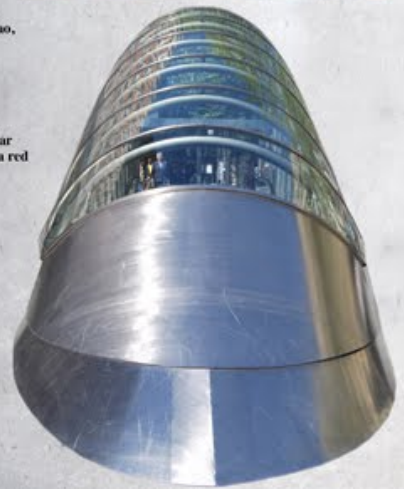
FOSTERITOS



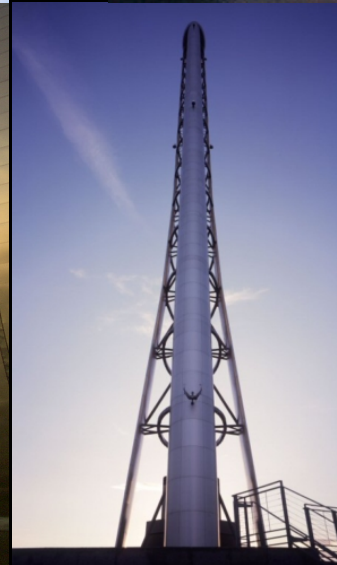
El diseño del metro de Bilbao fue encargado al arquitecto británico Norman Foster en 1988 e inaugurado en 1995, concretamente el 11 de Noviembre a las 11:11:11.

Los bilbaínos denominamos cariñosamente "fosteritos" a las bocas de acceso a las estaciones del metro de Bilbao, en honor a su diseñador Norman Foster

Son estructuras formadas por una gran cúpula transparente de vidrio y acero, de forma semicircular que constituyen el acceso a la red del metropolitano.



'Fosteritos' από το όνομα του αρχιτέκτονα Norman Foster, είσοδοι του μετρό στο Μπιλμπάο.



Tallest tower, Scotland, 360°, aerofoil, airplane wing, computer turn it in the wind to reduce wind resistance.



Bystrup



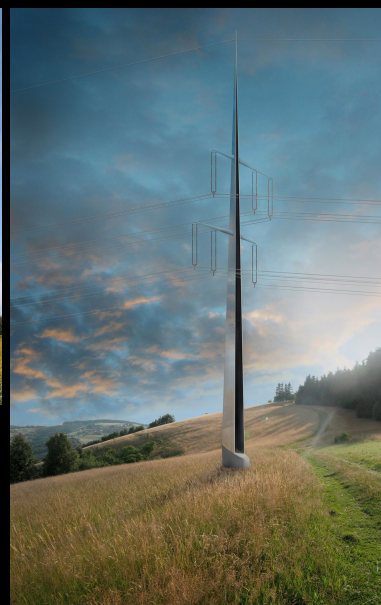
Knight architects



Amanda Levette



Gustafson Porter

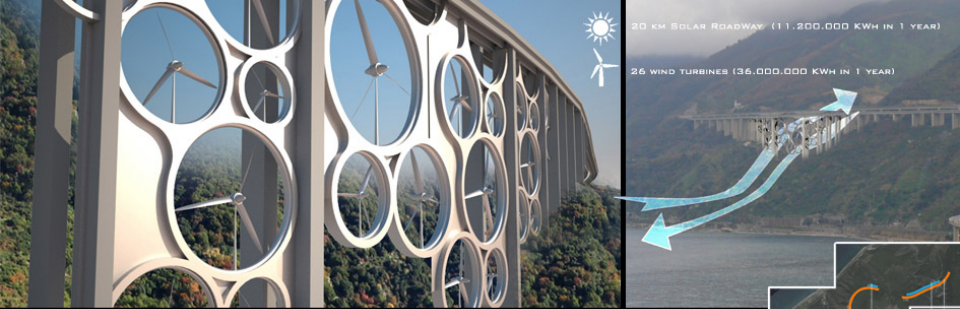


*Ian
Ritchie*



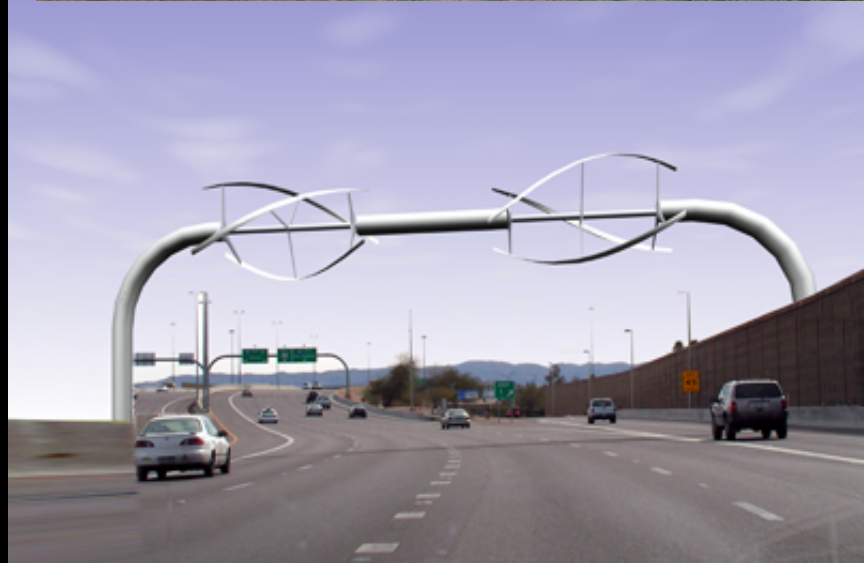
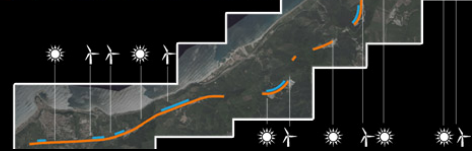
New Town Studio

Pylon Competition, αρχιτεκτονικός διαγωνισμός για τους στύλους ηλεκτρικού ρεύματος.

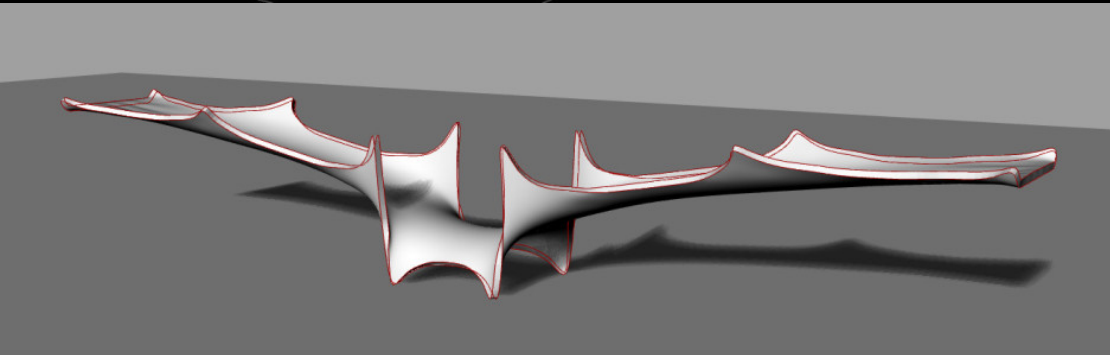
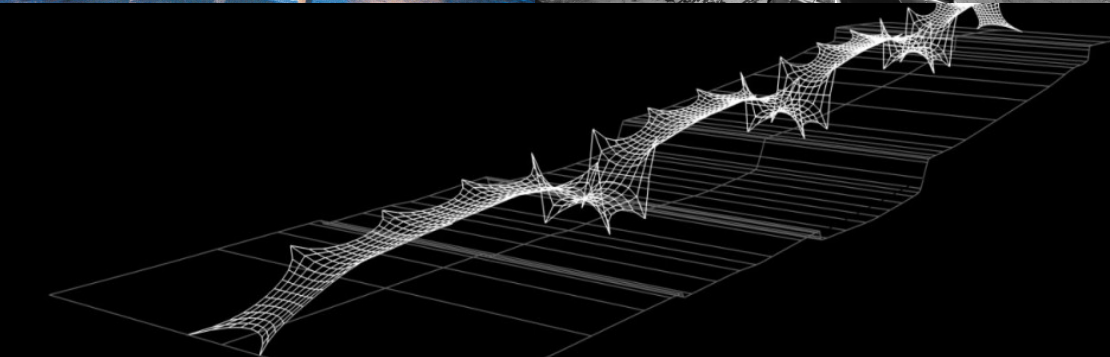


30 KM SOLAR ROADWAY (11,200,000 KWH IN 1 YEAR)
26 WIND TURBINES (36,000,000 KWH IN 1 YEAR)

"SOLAR WIND"
THE HYBRID SYSTEM PROPOSED (COMBINING SOLAR AND WIND POWER) ALLOWS FOR A CONTINUOUS PRODUCTION OF ENERGY. THE PROJECT IS BASED ON THE IDEA OF UTILIZING THE SPACE BETWEEN THE PILLARS OF THE EXISTING VIADUCTS TO HOUSE A SYSTEM OF WIND-POWERED TURBINES WHICH WILL BE INTEGRATED INTO THE STRUCTURE. THIS ENSURES CONTAINED LAND USE AND THEREFORE A REDUCED IMPACT ON BOTH LANDSCAPE AND ENVIRONMENT IN ADDITION TO RE-DESIGNING THE VISUAL PROFILE OF THE VIADUCT. THE SOLAR PARK PROPOSED IN THE COMPETITION WILL STRETCH THE FULL LENGTH OF THE INNER CARRIAGEWAY, WITH THE OUTER CARRIAGEWAY REMAINING RESERVED FOR THE TRANSIT OF VEHICLES.

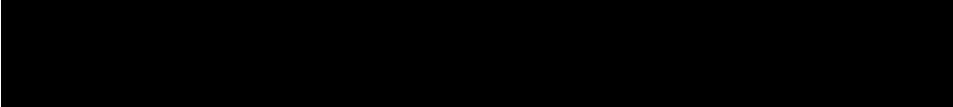
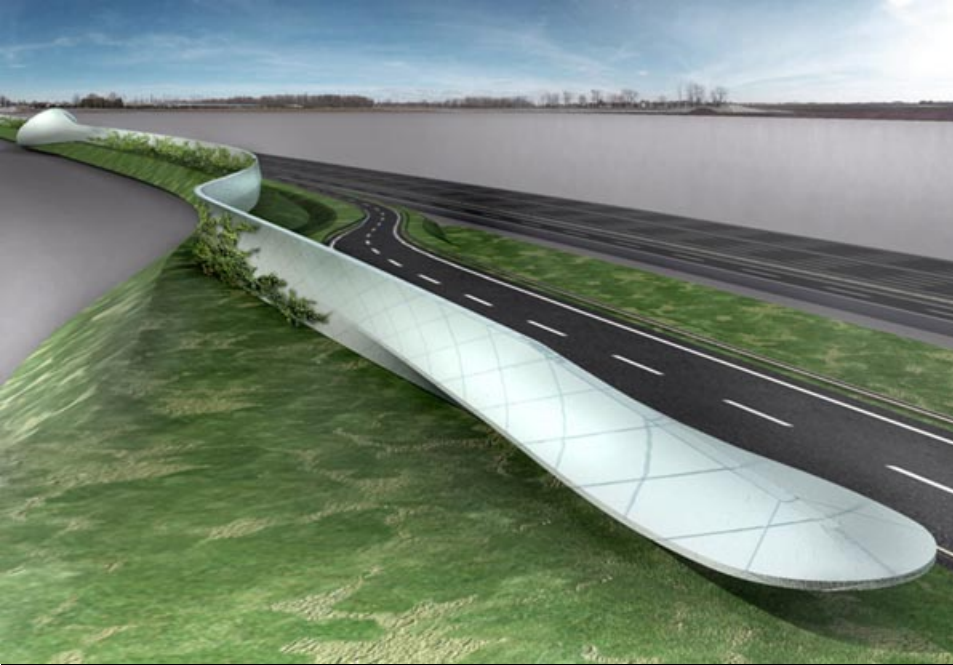


Αερο-τουρμπίνες, αιολική ενέργεια κάτω από γέφυρα και σε αυτοκινητόδρομο.



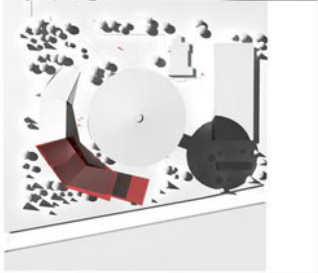
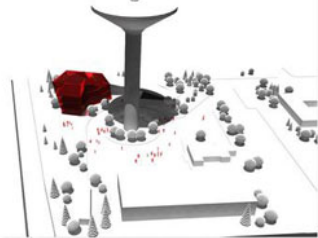
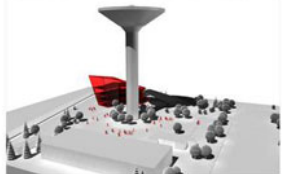
Sergio Musmeci, Ponte sul Basento, 1969

Γέφυρες και πινακίδες σε αυτοκινητόδρομους



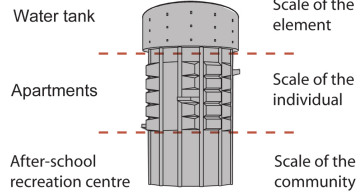
Έκθεση αυτοκινήτων και ηχοπέταση σε αυτοκινητόδρομο, αρχ. Kas Oosterhuis.

The tower has 200mt of height, catching every water particle in the air that come from the coast to the valley of Huasco River.

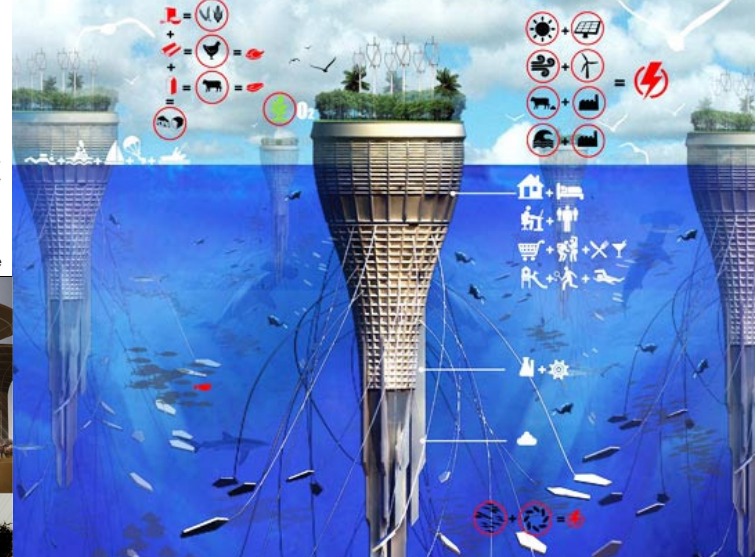


2

PRIX W 2008 - REVITALISATION THE WATER TOWER SITE
LATINA, ITALY



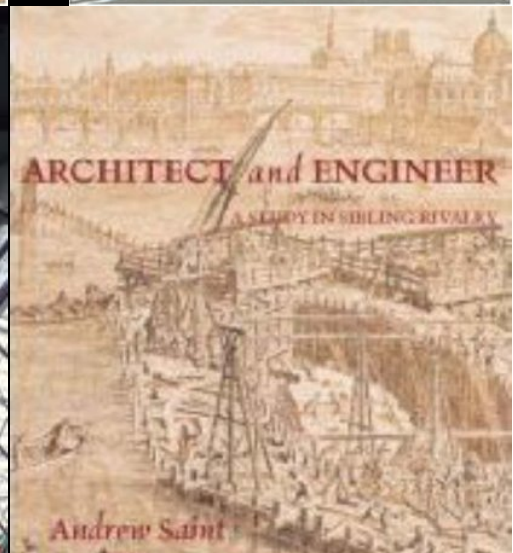
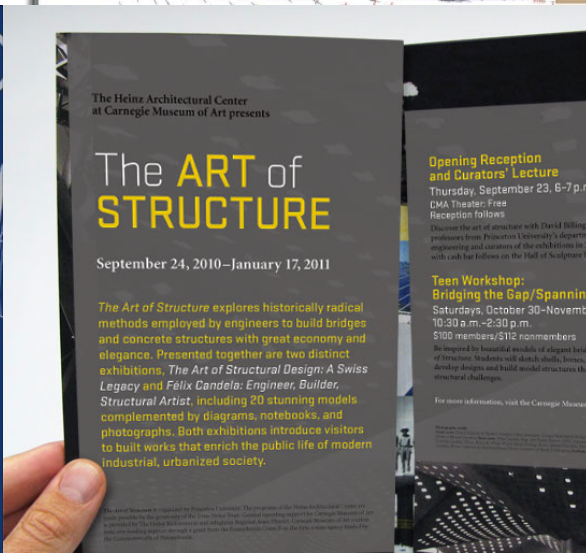
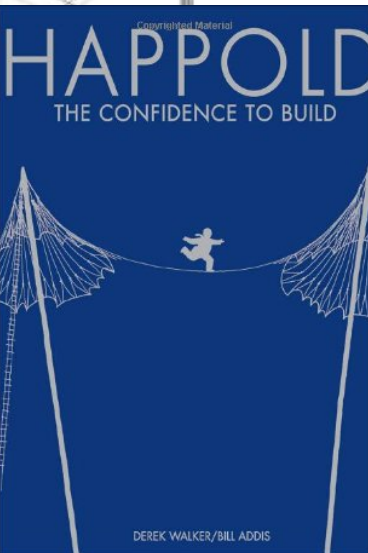
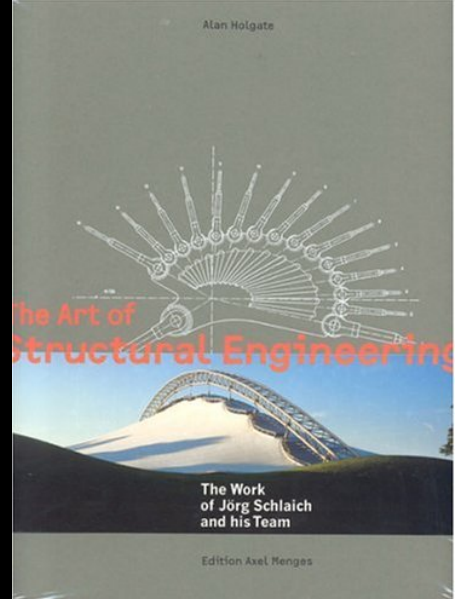
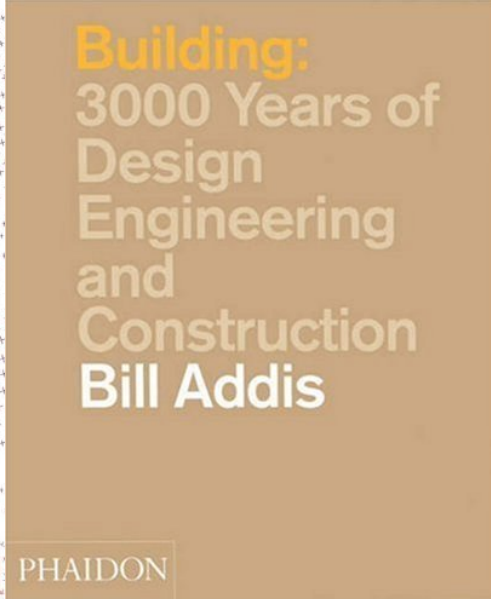
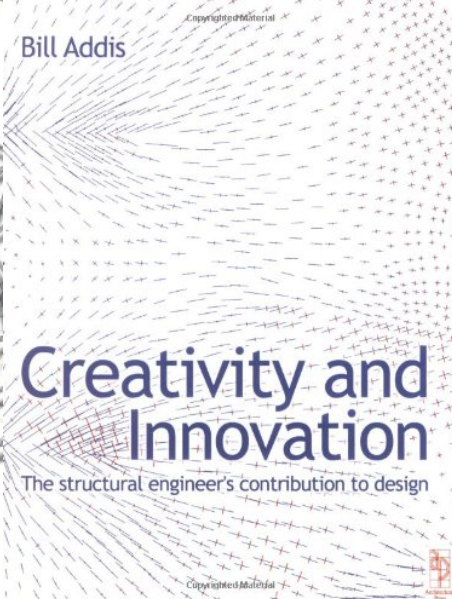
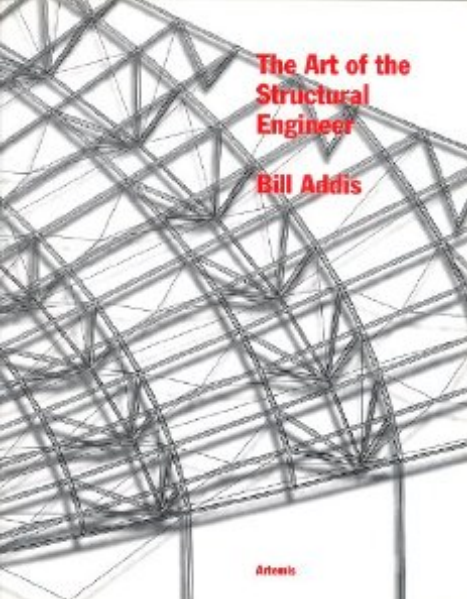
Function and scale in the architecture



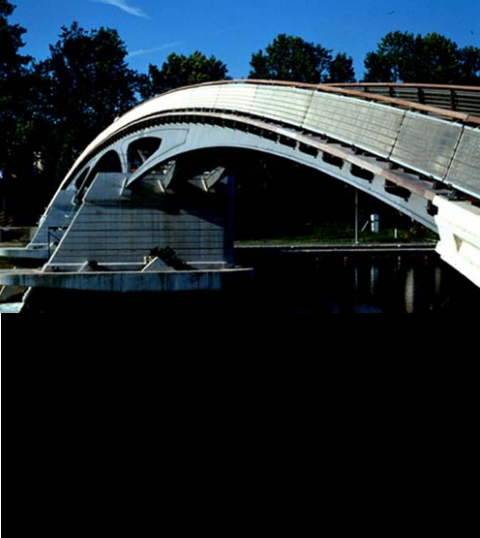
Υδατόπυργοι. Προτάσεις σε διεθνείς αρχιτεκτονικούς διαγωνισμούς ιδεών.



Wilkinson Eyre. Millenium bridge. "Peace" Bridge in Derry. Street 'Bridge Royal Ballet School.



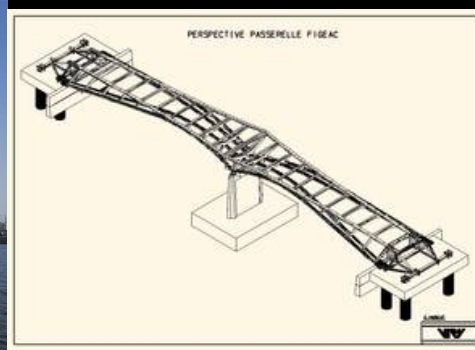
Also available as a printed book
see title verso for ISBN details



*Fenghua bridge,
China*

*Passerelle at Figeac,
France*

*Hassan II bridge,
Rabat Morocco*



Marc Mimram, Civil Engineer (calculator for architects) & Architect (artist for engineers).



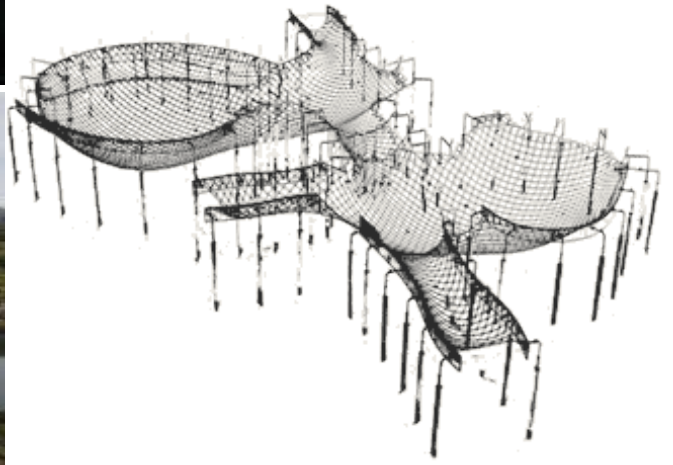
Gatti Wool Mill, Rome (Pier Luigi Nervi, 1951).



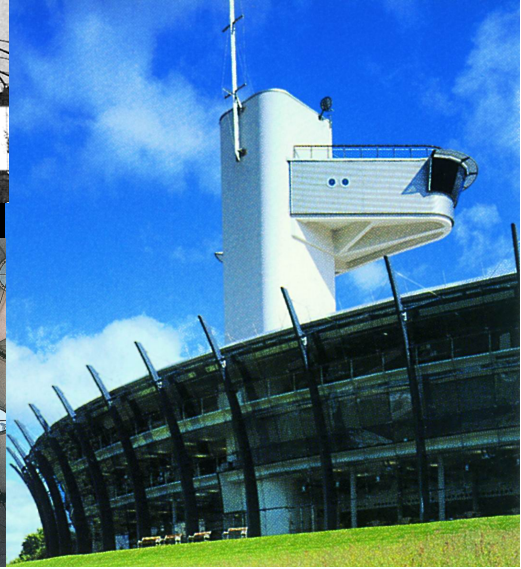
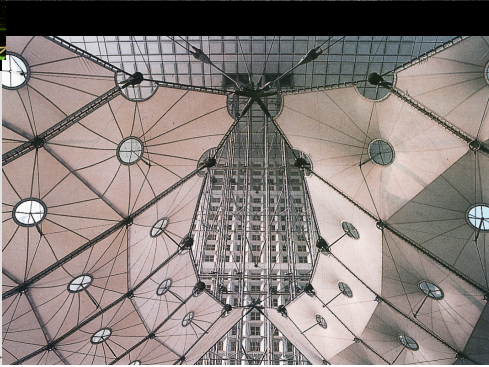
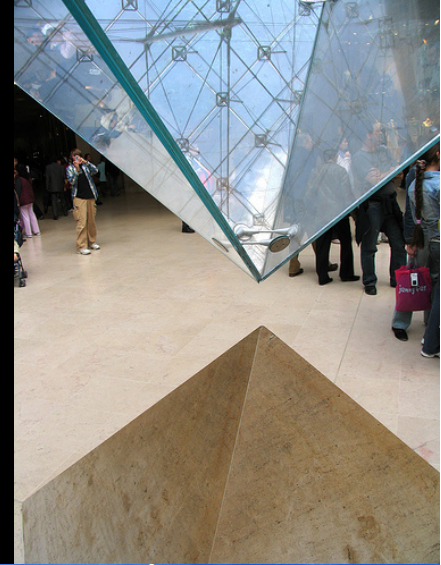
Pier Luigi Nervi, Royal Institute of British Architects, Gold Medal, 1960



Frei Otto, Mannheim Multihalle, 1975



Ove Arup, Royal Institute of British Architects, Gold Medal, 1966



Peter Rice, Royal Institute of British Architects, Gold Medal, 1992