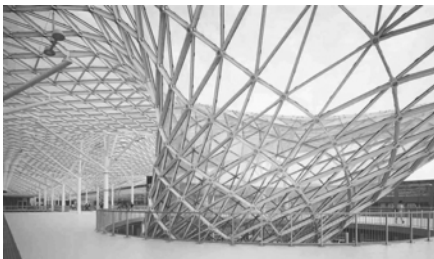


Gusci e membrane: ricerca e ottimizzazione di forma

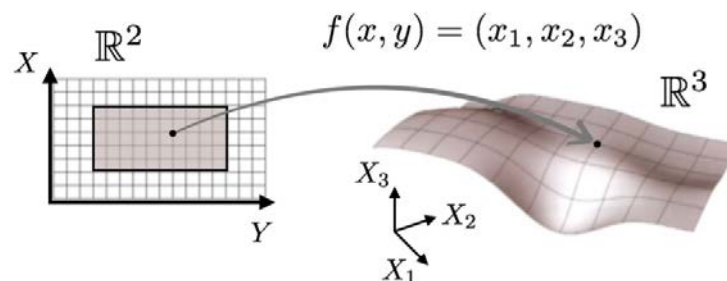
A.A. 2023/2024

Prof. Stefano Gabriele
Prof. Valerio Varano
Arch. Lucia Mariani
Arch. Arianna Venettoni

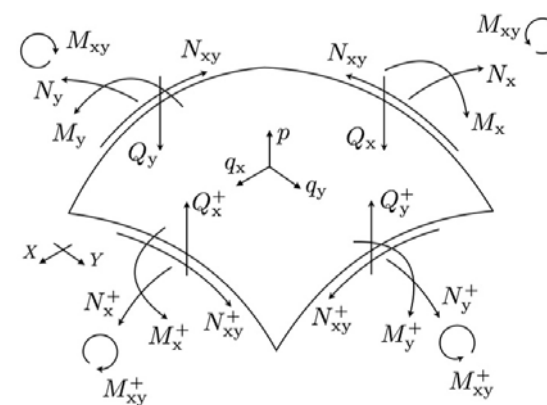


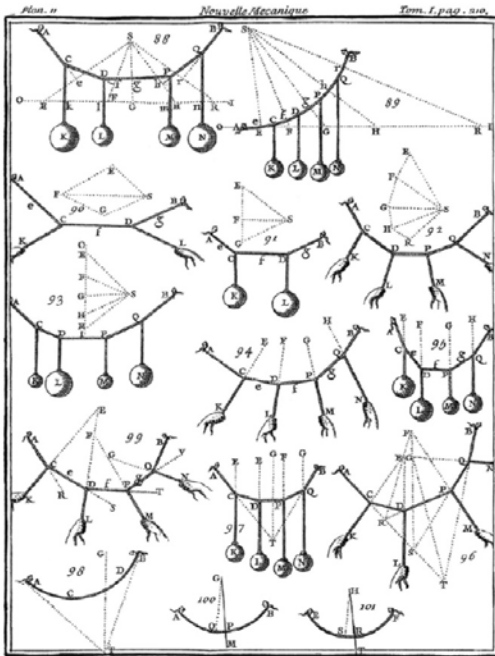
Gusci e membrane: ricerca e ottimizzazione di forma | A.A. 23/24

prima riga | Fèlix Candela, Cappella aperta a
Palmira, 1959 | Sergio Musmeci, Ponte sul
Basento, 1981 | Heinz Isler, Azienda Sicli, 1969
seconda riga | Frei Otto, Mannheim Multihalle,
1975 | Foster + Partners, British Museum, 2000
| Glenn Howells + Buro Happold Group, Savill
Building, 2006
terza riga | Fuskas Architects, Milan New Trade
Fair, 2005 | Toyo Ito, Meiso no Mori, 2006 | Ryue
Nishizawa, Teshima Art Museum, 2010
ultima riga | Ney & Partners, Dutch National
Maritime Museum, 2011 | Architectural
Workshop, Lindis Lodge, 2018 | Ibuku, The Arc
Green School, 2021

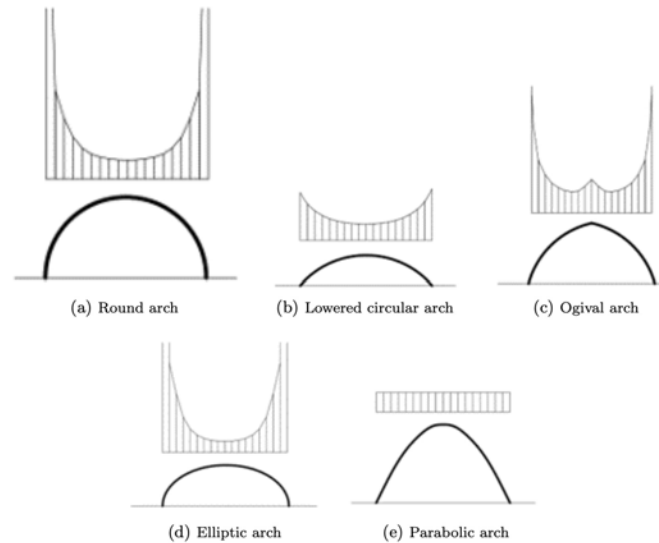


Geometria e Meccanica





1D



2D



(a) Hanging cloth model (b) Hanging cloth model left to freeze

Figure 3.8: Heinz Isler's hanging membrane models



Figure 3.9: Motorway service station in Deitingen by Heinz Isler (Switzerland, 1968)

Gusci e membrane:
ricerca e ottimizzazione di
forma | A.A. 23/24

Strumenti

