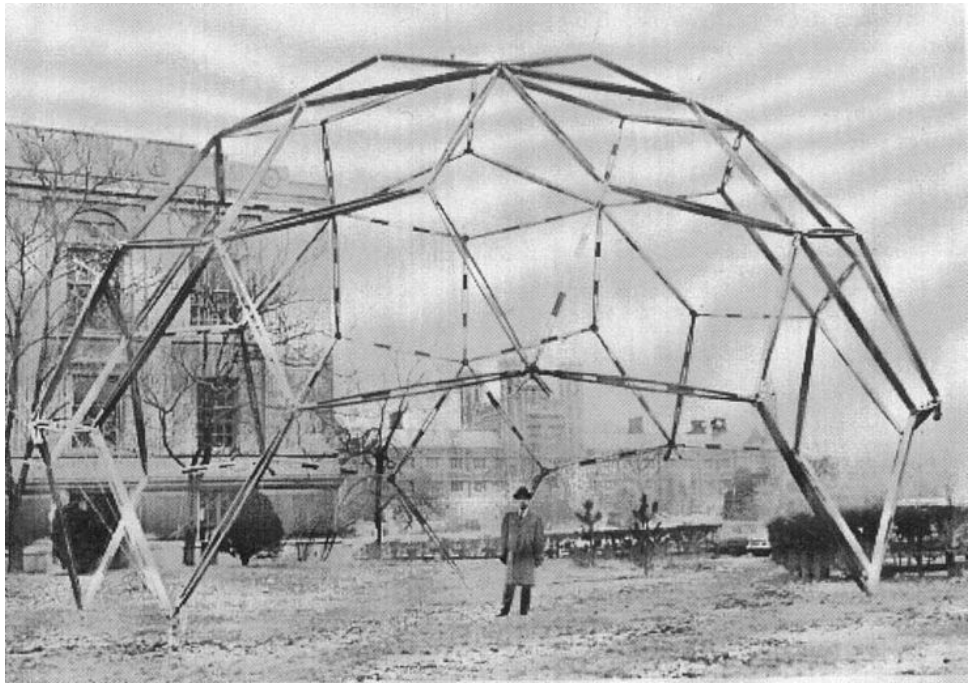
Architecture expérimentale

Géodésie - Structures autotendues - Tensegrity

Richard Buckminster Fuller

Bucky Fuller's Book:
"I Seem To Be a Topsy-Turvy Design"
Photo of US Marine helicopter airlifting a dome designed by Geodesics, Inc of Raleigh, NC

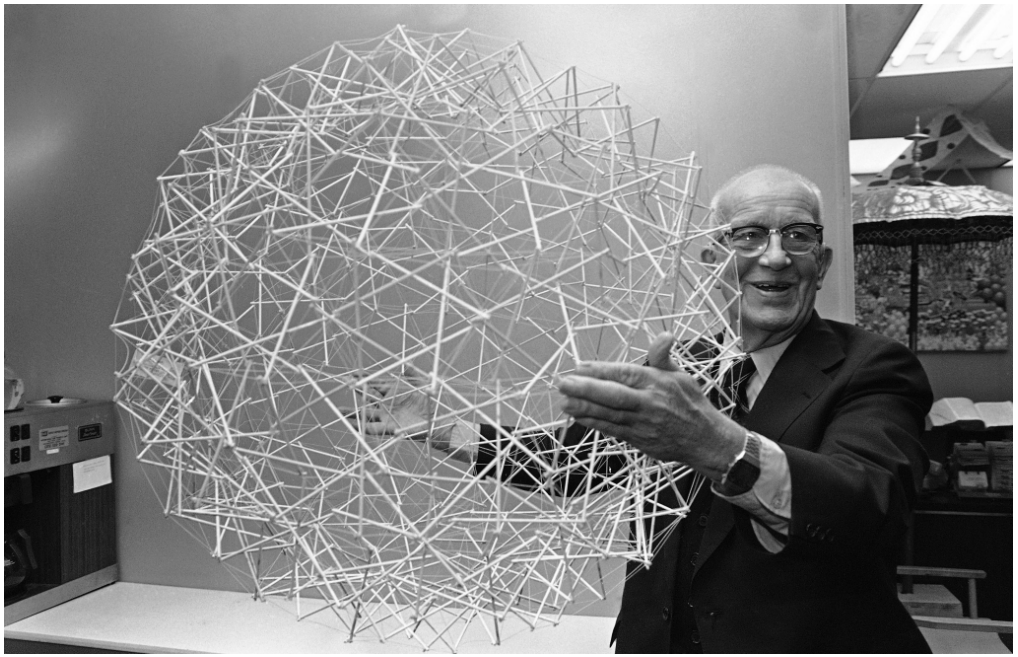
from "I Seem to Be a Verb"
ENVIRONMENT AND MAN'S FUTURE
BY THE VISIONARY GENIUS OF OUR TIME
1970
coauthors : Jerome Agel, Quentin Fiore
p. 8 & 9
ISBN 1-127-23153-7

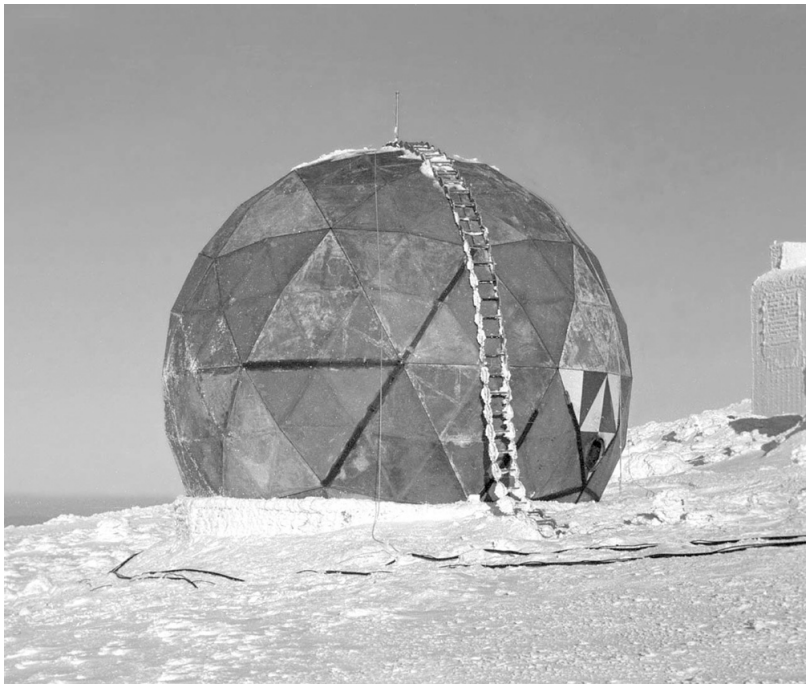


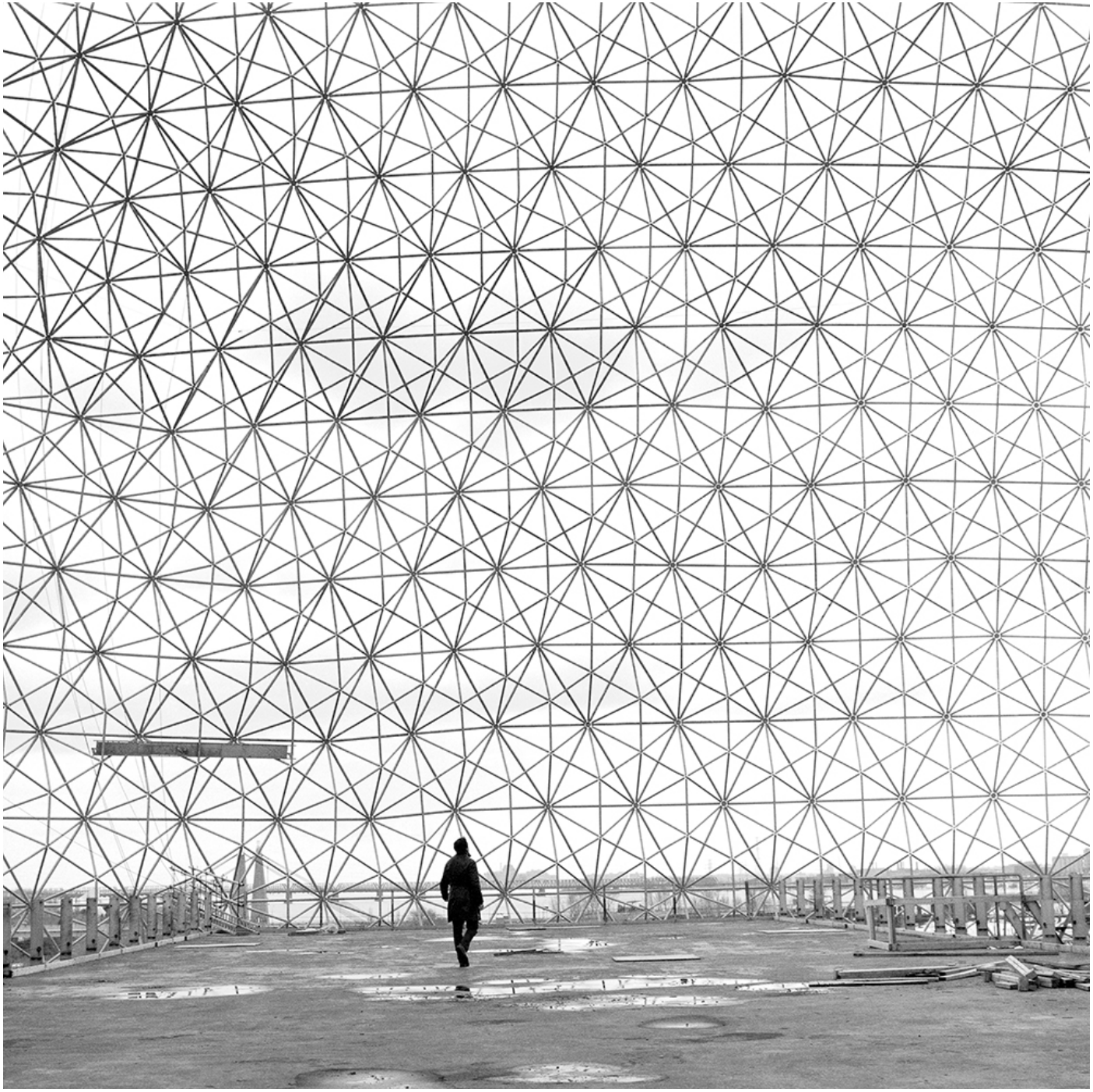
1. Dome by R. Buckminster Fuller in form of RE, Washington University, St. Louis, 1954. (Image courtesy of The Estate of R. Buckminster Fuller.)

2. In this April 18 1979 photo, R. Buckminster Fuller holds up one of his inventions, a tensegrity sphere. The structure, made of rods and cables, was proposed as the basis for floating habitats known as Spherical Tensegrity Atmospheric Research Stations (or "STARS").

3. R. Buckminster Fuller and MIT Lincoln Laboratory.
Prototype for First Rigid Radome.
Artic, 1952.

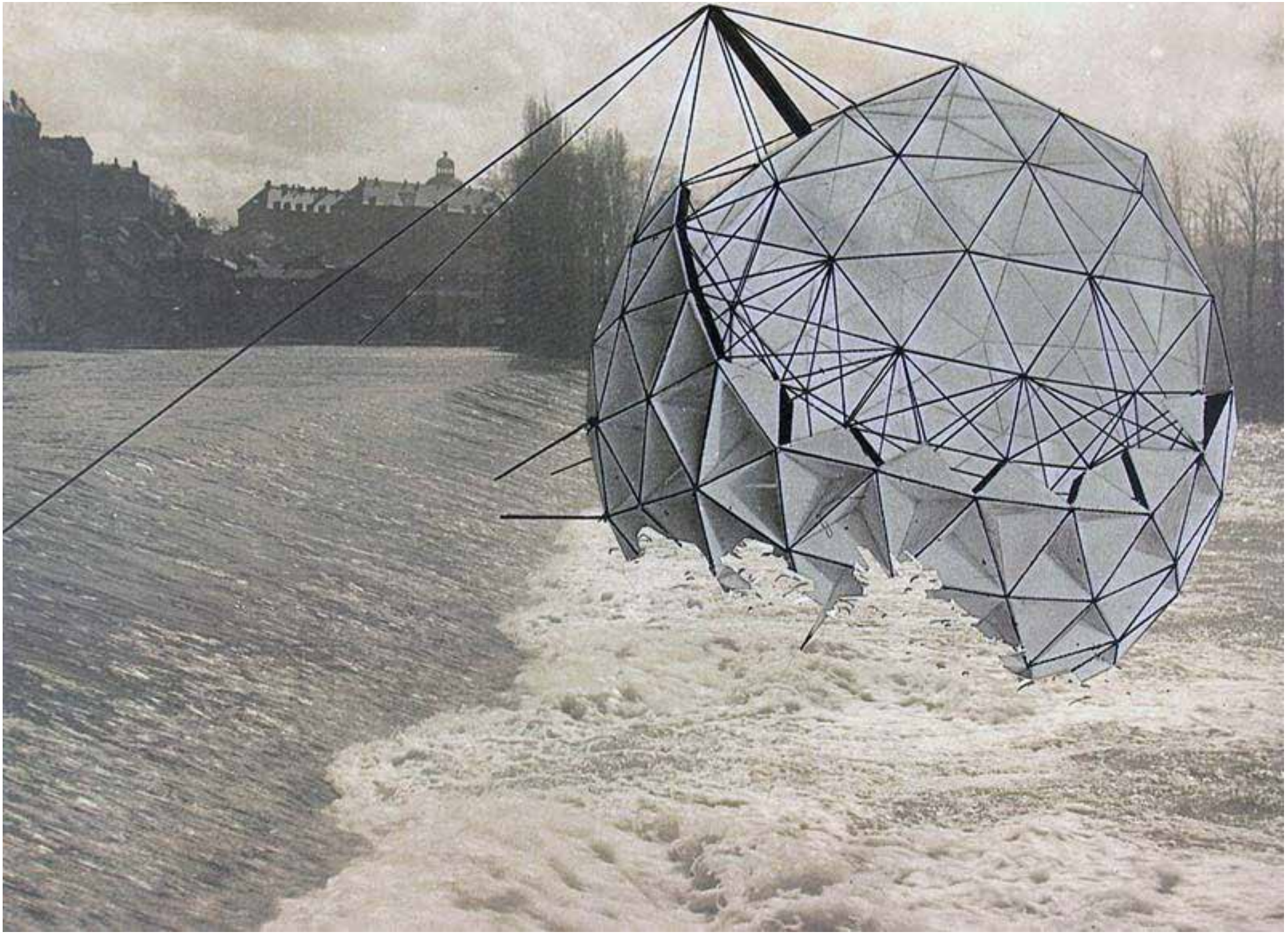


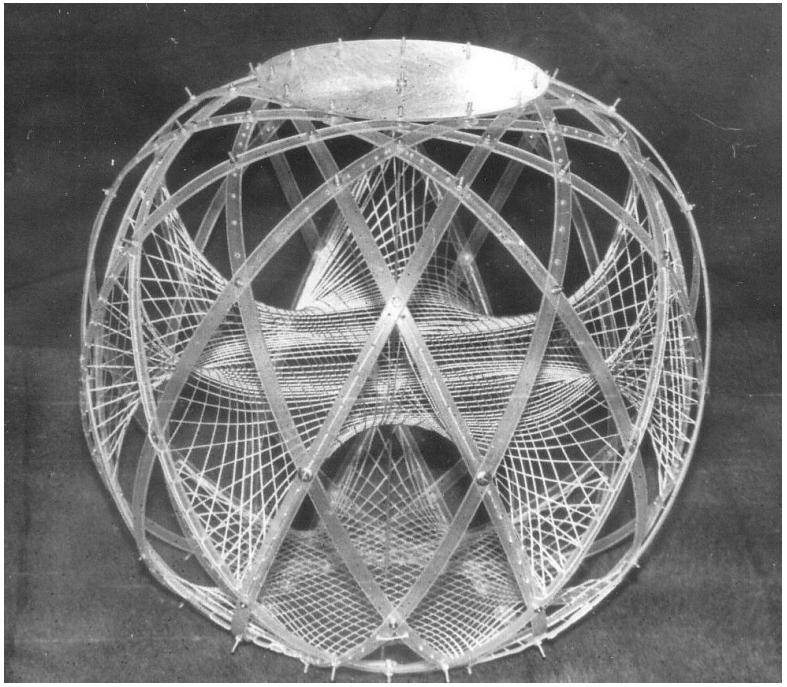


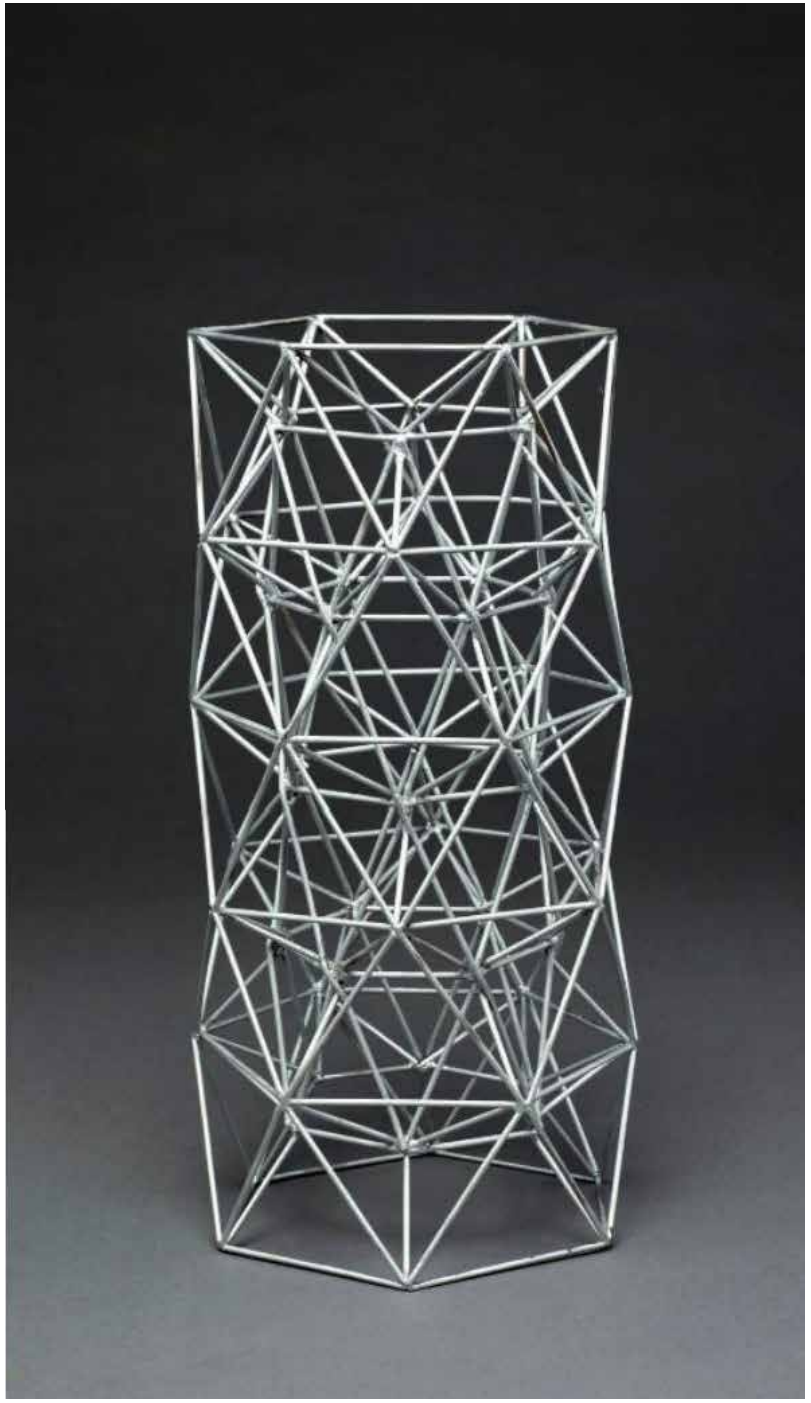


Robert Duchesnay
Walking on the top-level platform
1984

A photograph of Joseph Beuys in Buckminster Fuller's iconic geodesic dome of the Expo 67 pavilion on Montreal's Île Sainte-Hélène.







1. Günter Günschel
Wasserspiel aus geodätischen Systemen, 1953
Photographie, 21 x 29.5 cm
Donation Günter Günschel, 006 22 15

2. Sergey Makarov
Model for creation scientific planet in outer space, 1986

3. Robert Le Ricolais
Automorphic Compression Member (Model #037), 1962
Tiges d'acier, 46 x cm Diamètre : 23 cm
Dépôt Centre Pompidou Foundation, AM 2010-DEP 24

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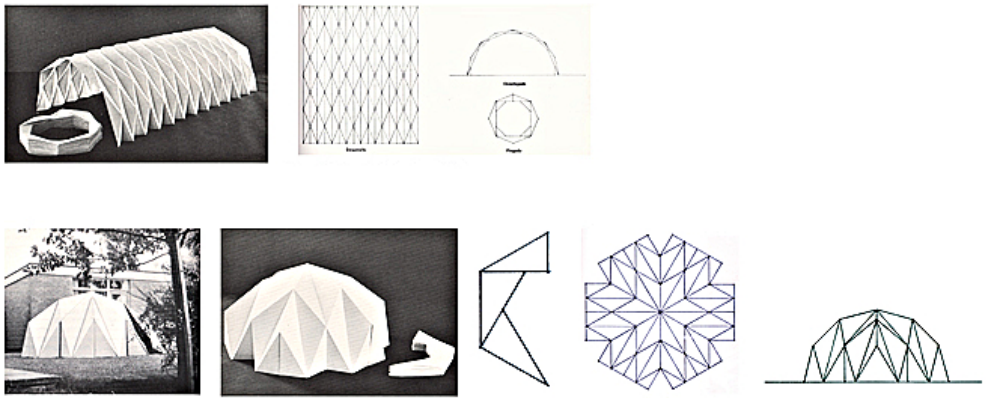
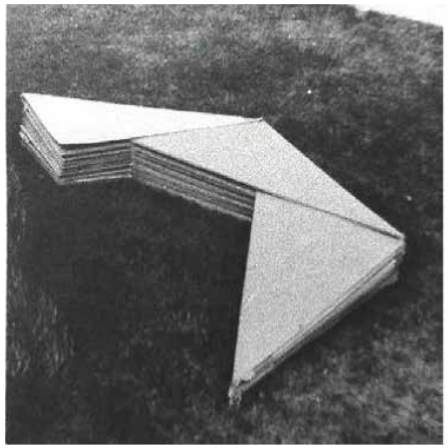
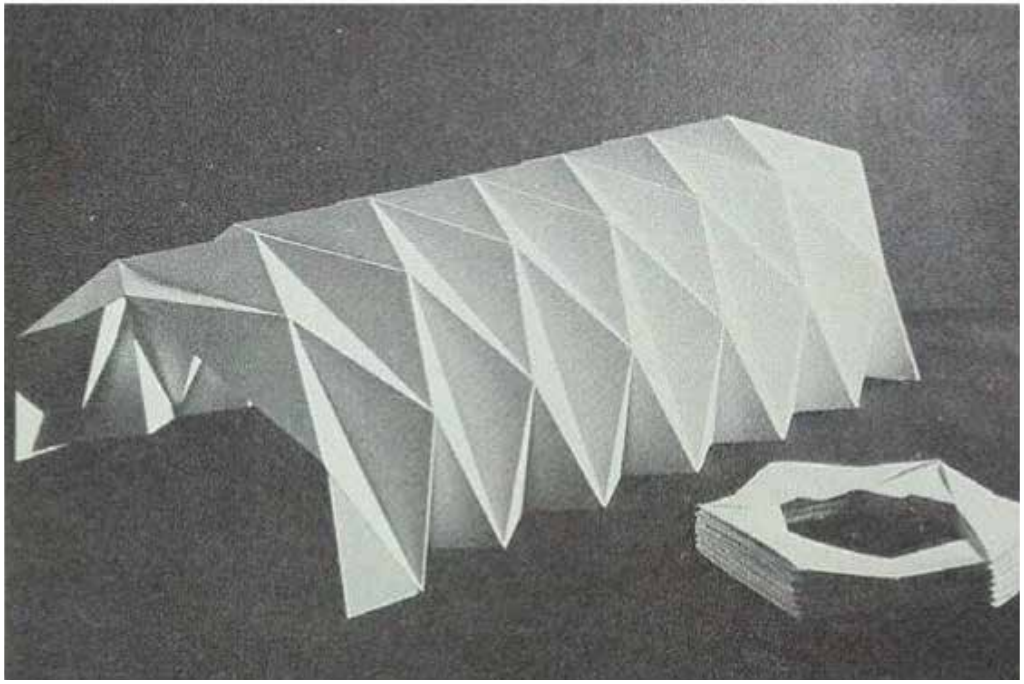
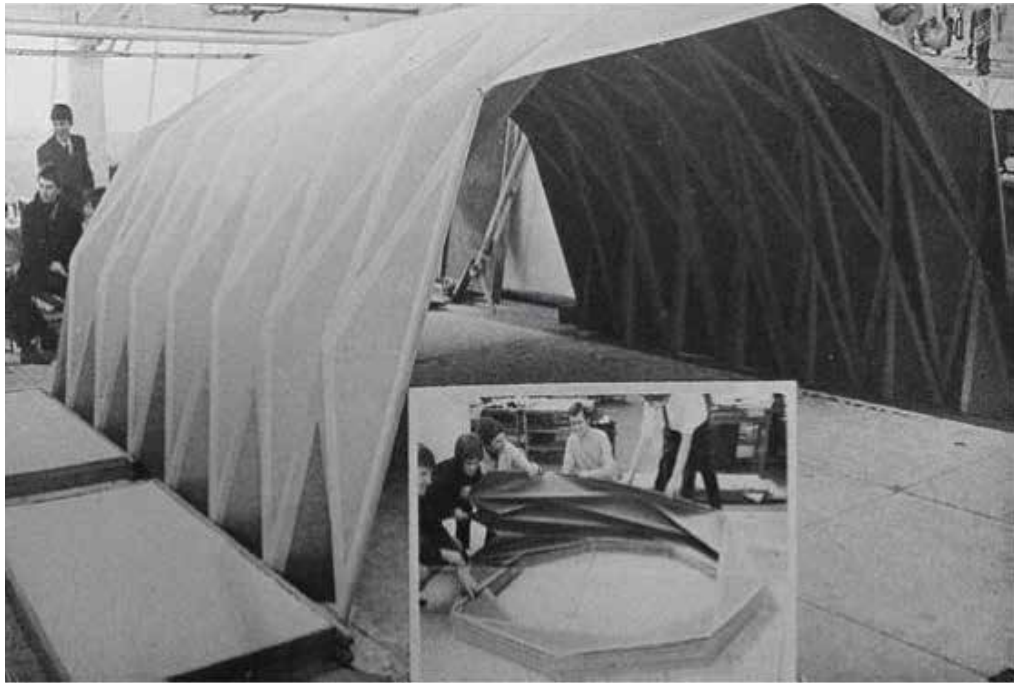
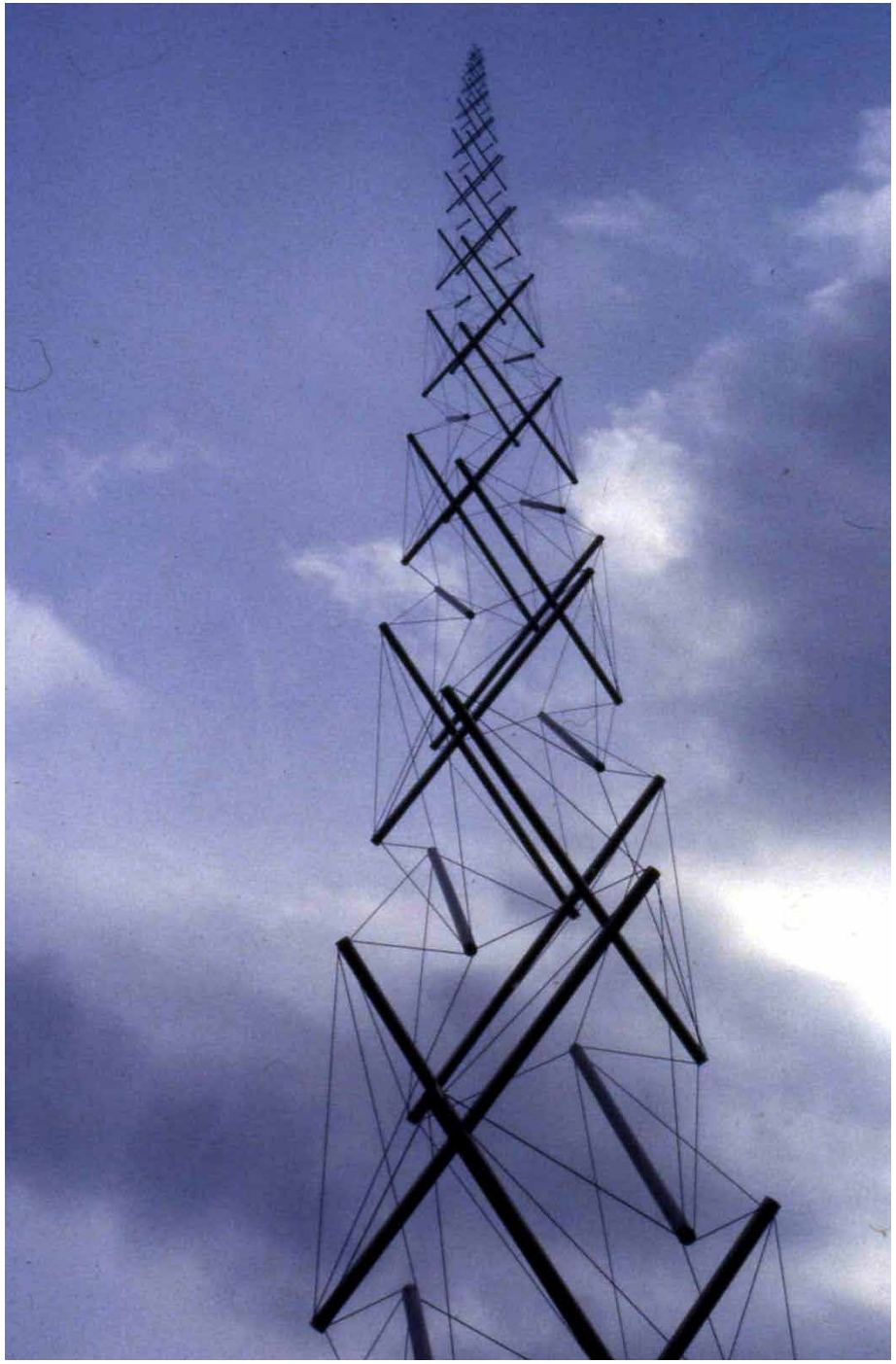


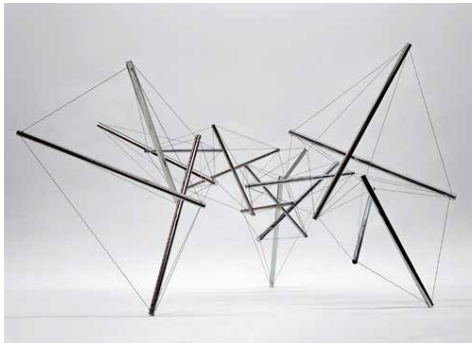


Arthur Quarmby
Folding plastic structures with collaboration of students of
Bradford Regional College of Art.
Prototypes. 1970.







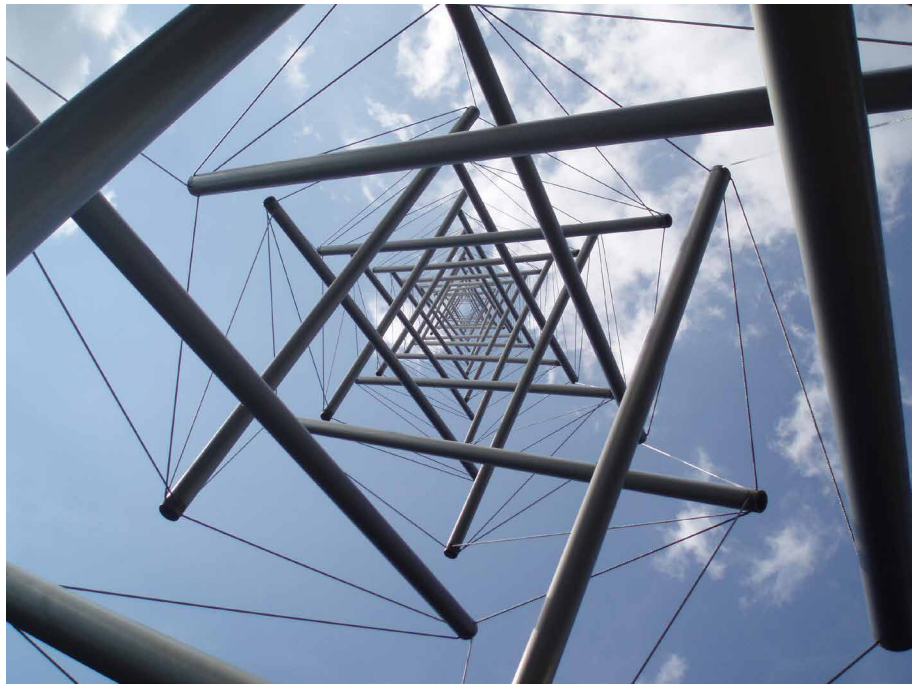


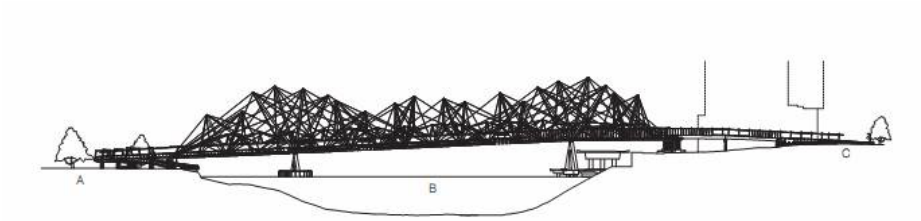
Kenneth Snelson

1. Needle Tower, 1968
aluminum & stainless steel, 18.2 x 6 x 6m
Collection: Hirshhorn Museum & Sculpture Garden, Washington, D.C.

2. Wing II, 1992
aluminum & stainless steel, 86.4 x 142.2 x 127cm

3. Needle Tower II, 1969
aluminum & stainless steel
Kröller-Müller Museum, Netherlands





Ove Arup & Partners
Kurilpa Bridge

Passerelle piétonne et cyclable
Inaugurée le 4 octobre 2009

Acier et béton

Longueur : 425 m
Portée principale : 135 m
Largeur : 11 m

Brisbane, Australie