

Gennaro Tampone

Università di Firenze

**Le strutture di legno  
antiche:  
patrimonio, problematiche  
di degrado e conservazione**

*Alcamo e Trapani, 30 e 31 ottobre 2014*



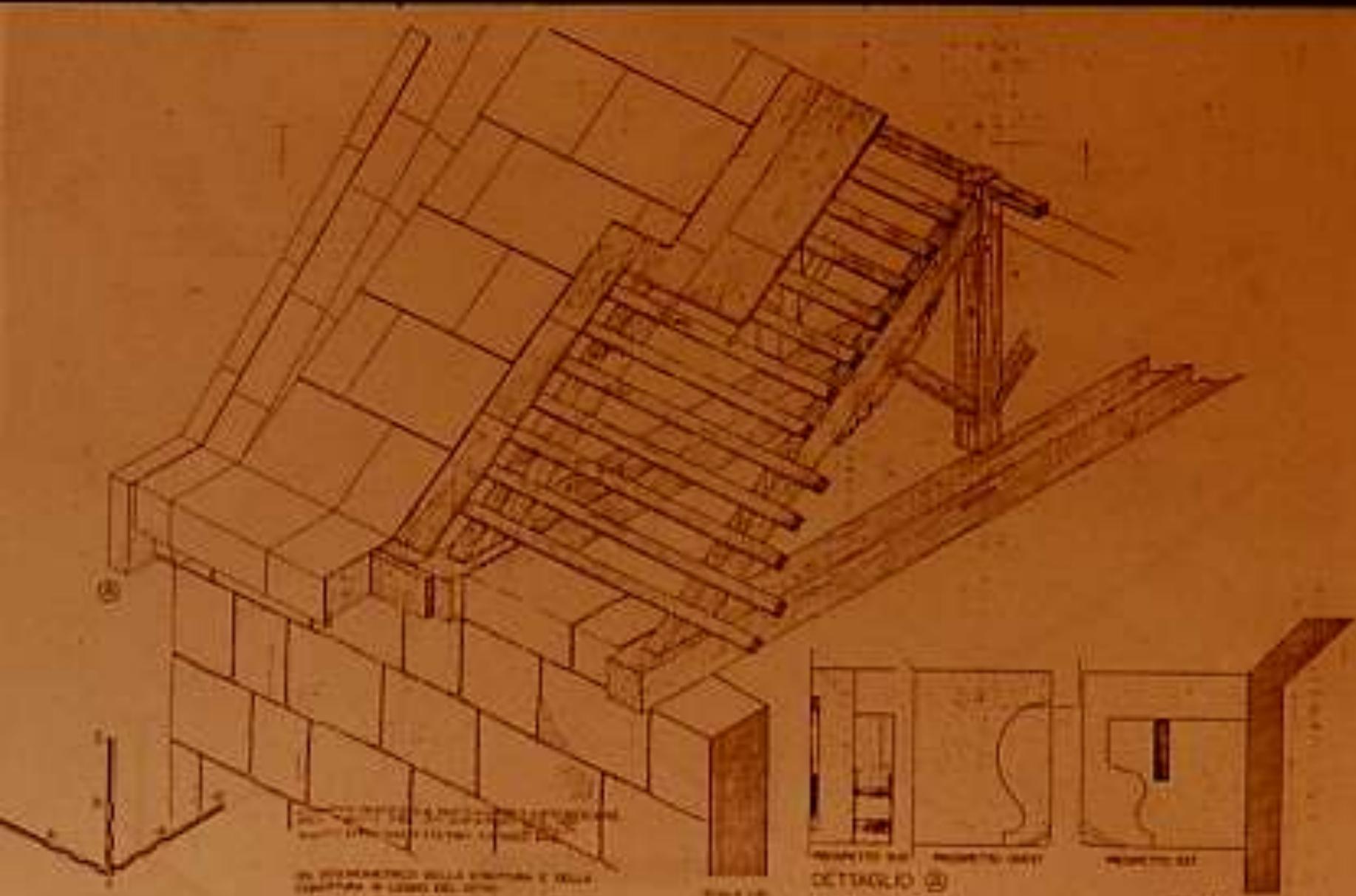




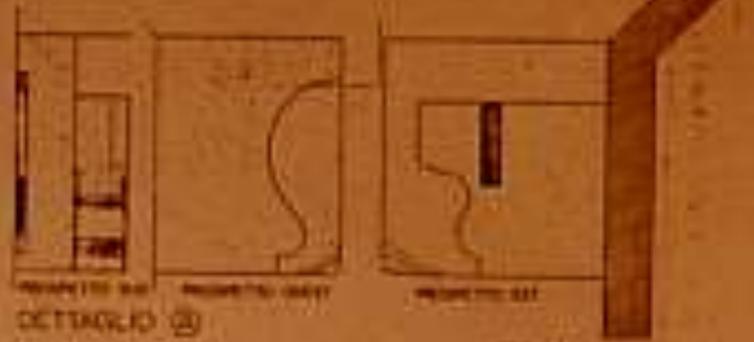
ST. KATHERINE MONASTERY





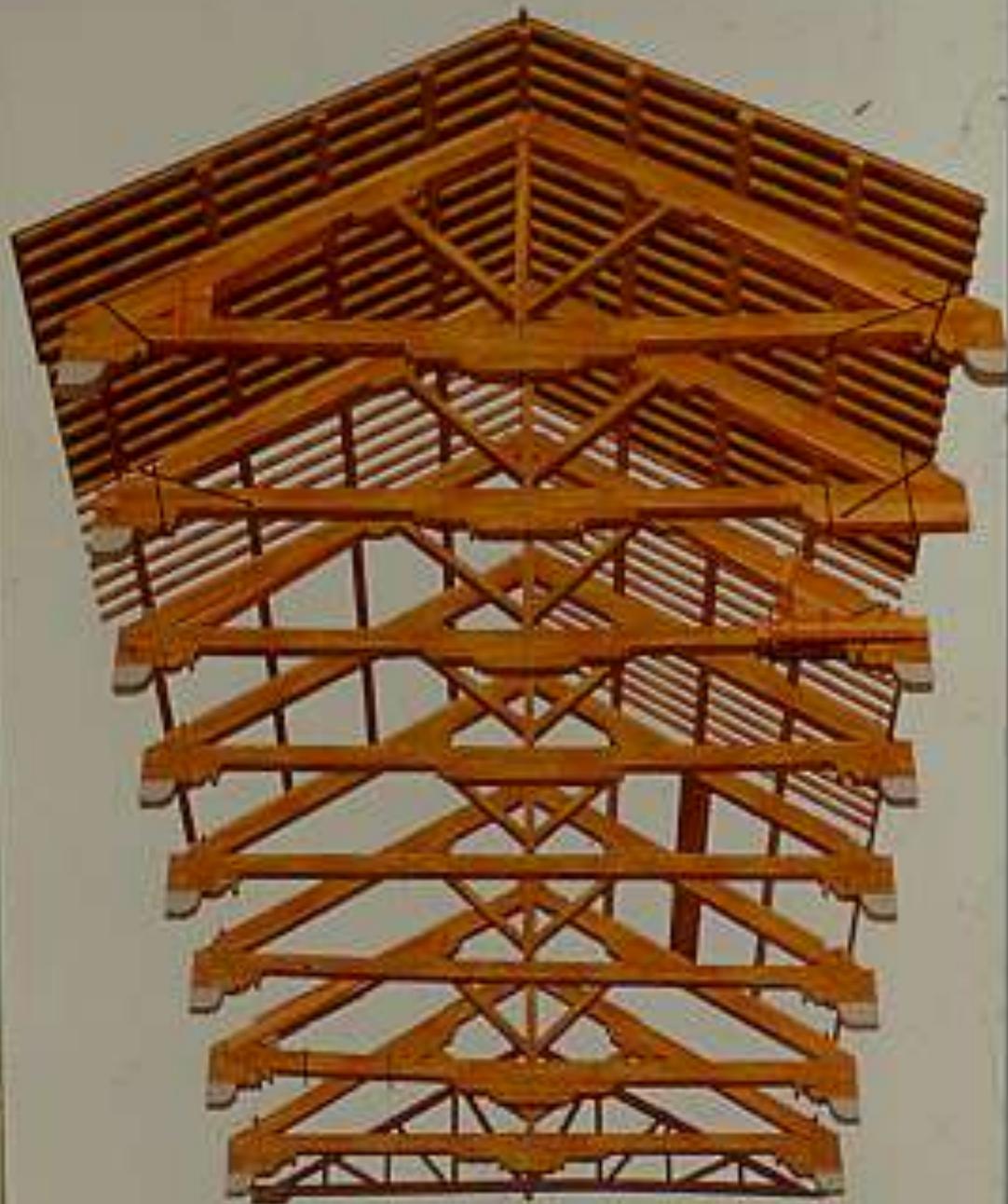


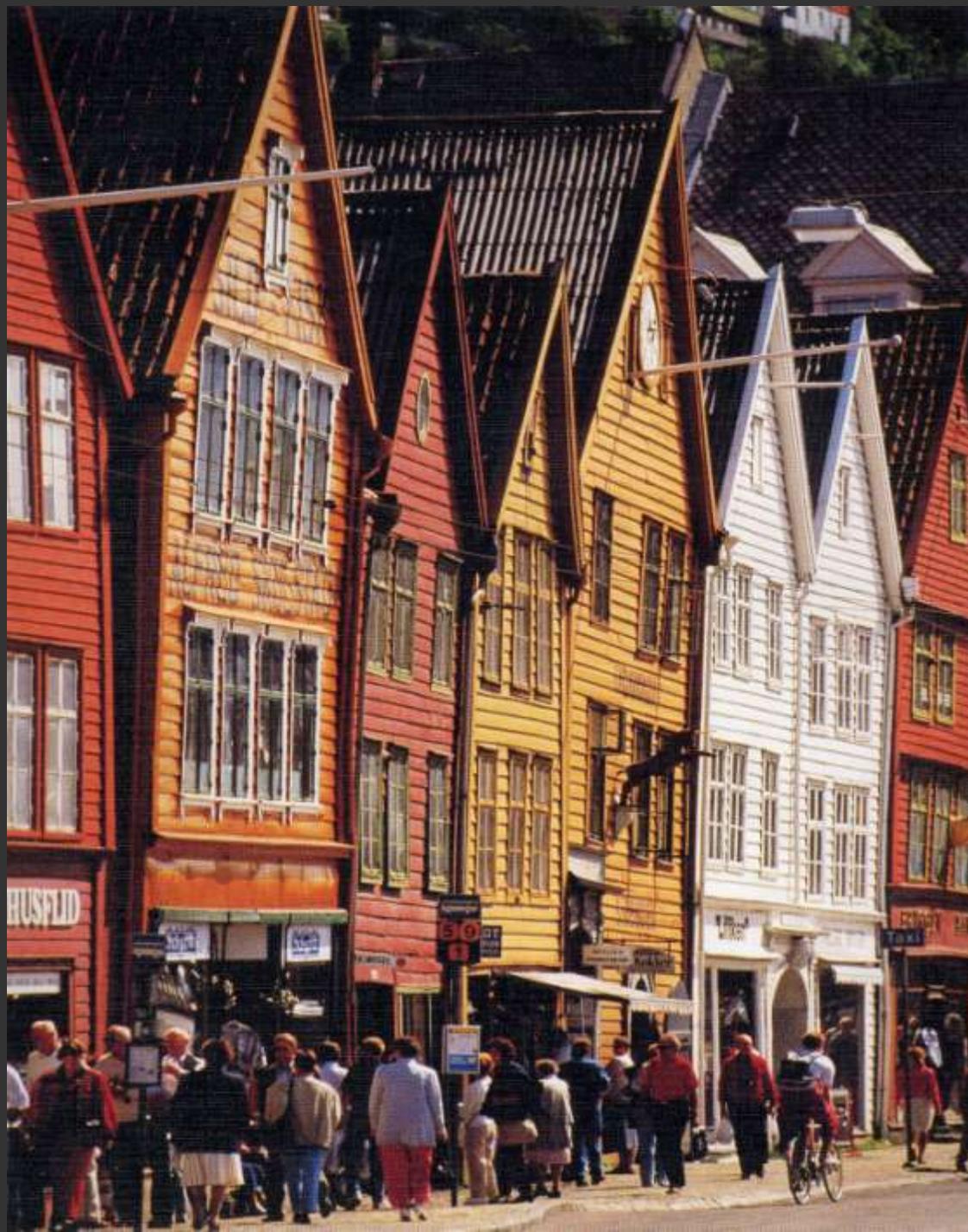
DETAGLIO DELLA STRUTTURA E DELLA COPERTURA IN LEGNO DEL TEMPIO

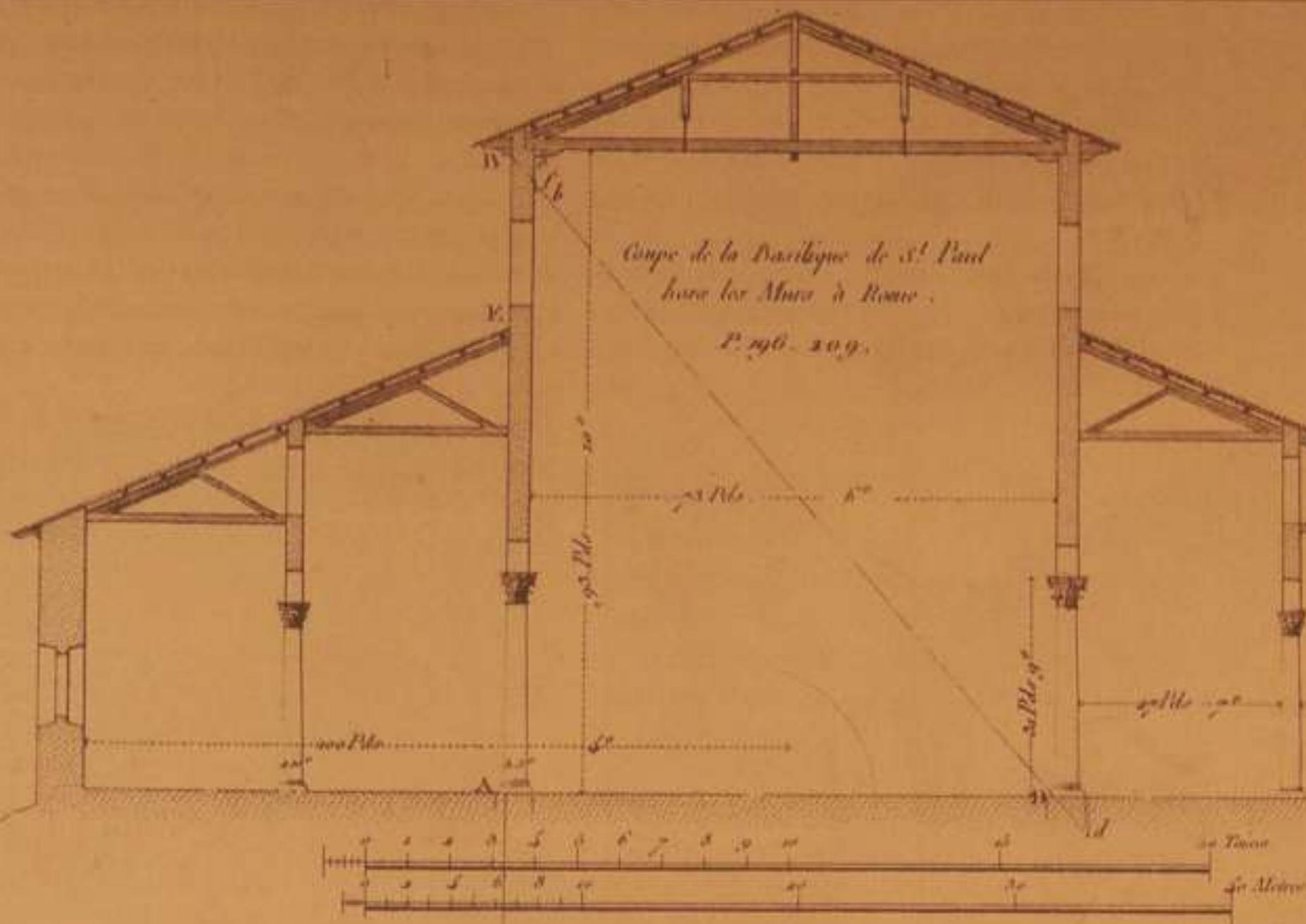


PROSPETTO A-B  
 PROSPETTO B-C  
 PROSPETTO C-D

2014





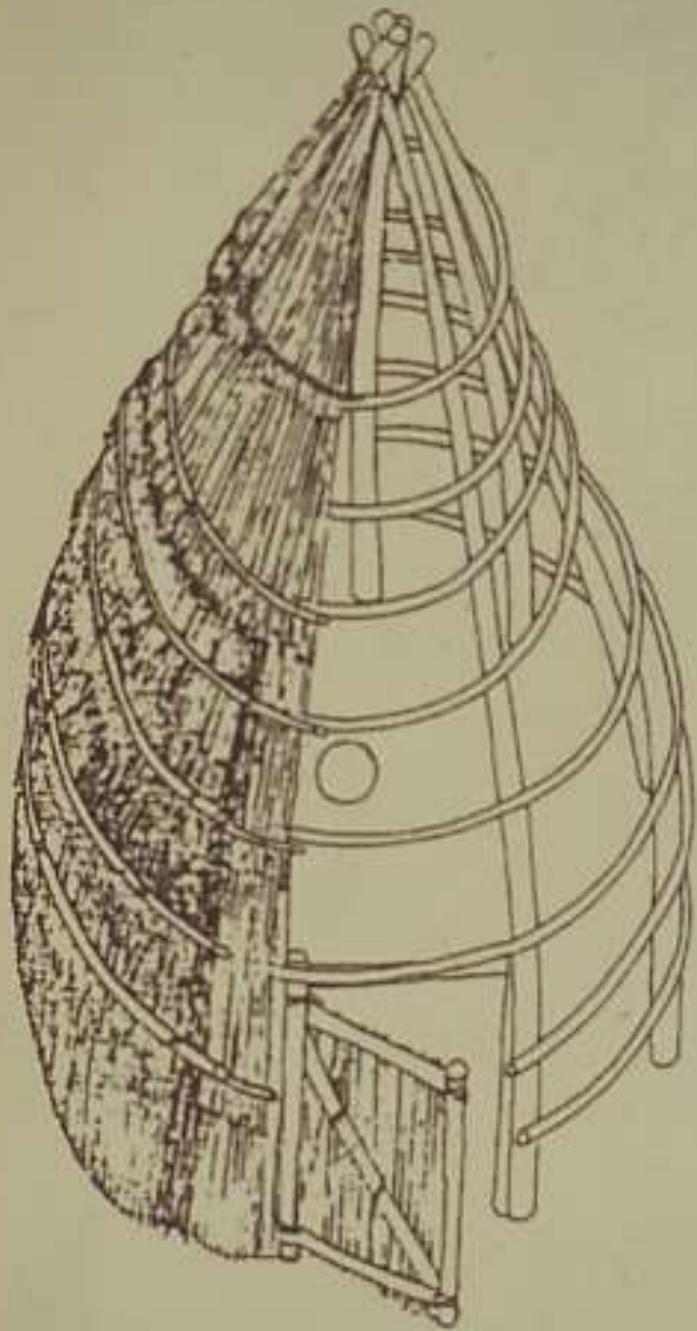


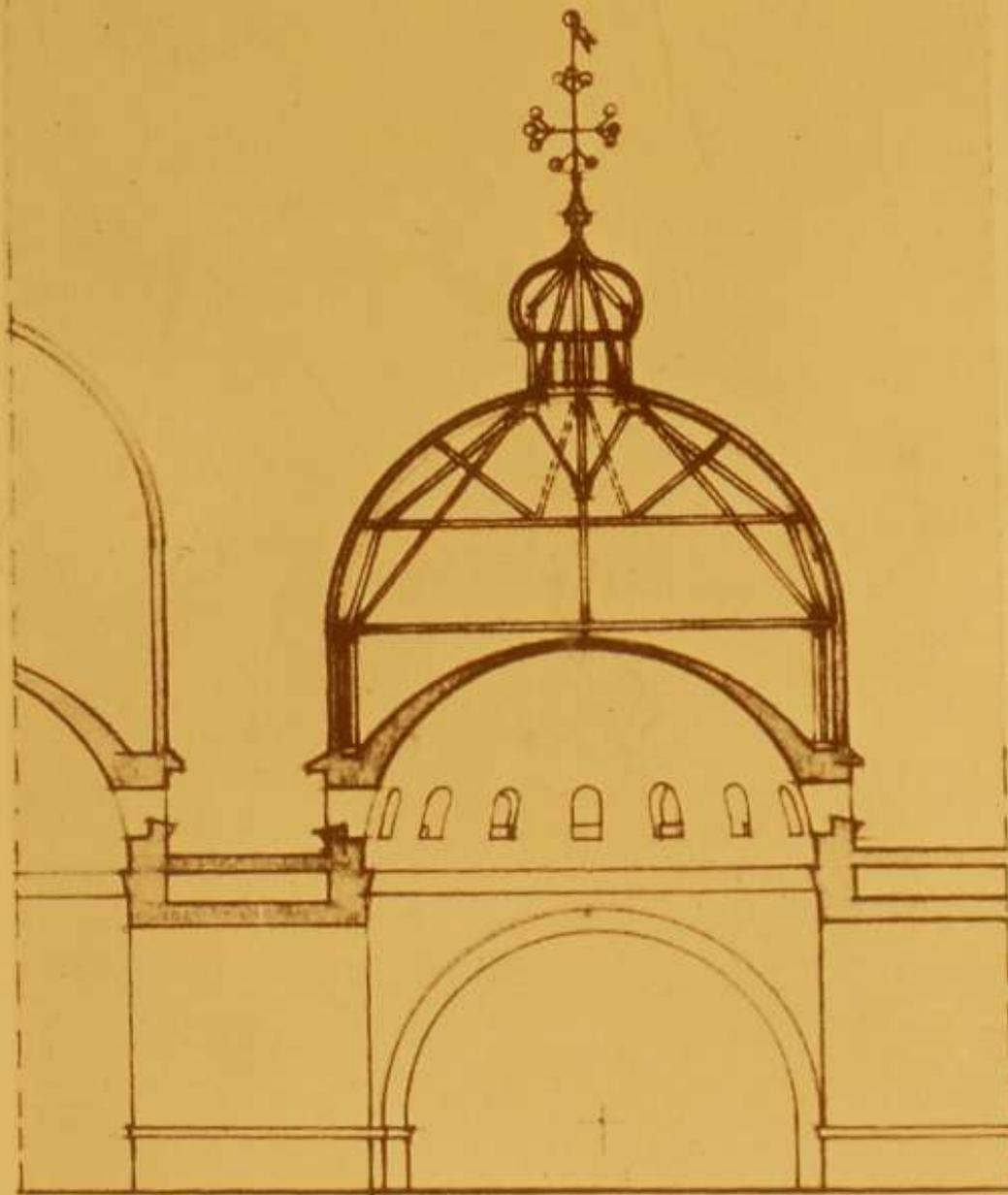
*Coupe de la Basilique de St Paul  
hors les Murs à Rome.*

*P. 196. 209.*

*40 Pds*

*40 Mètres*

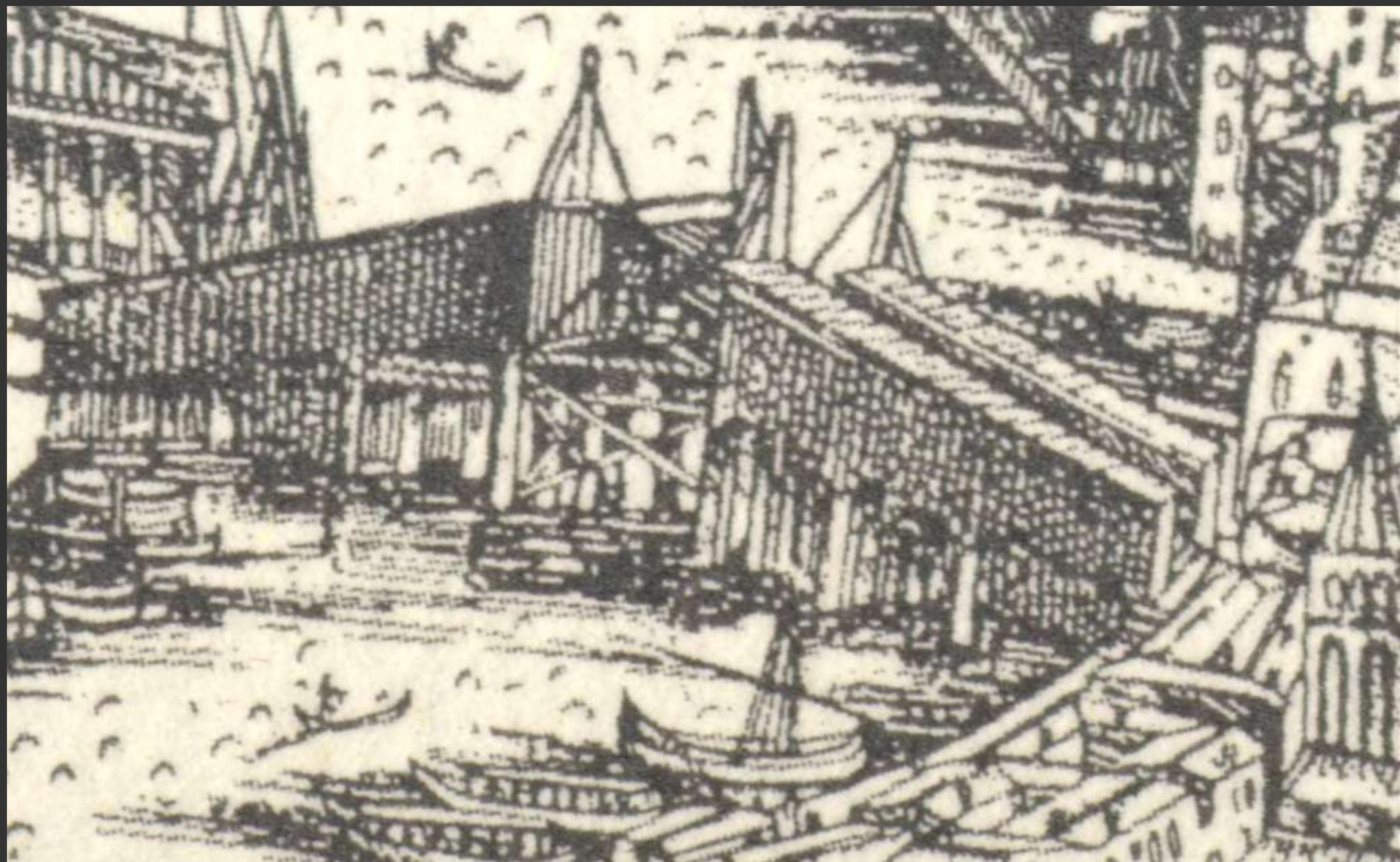




RAPPORTO

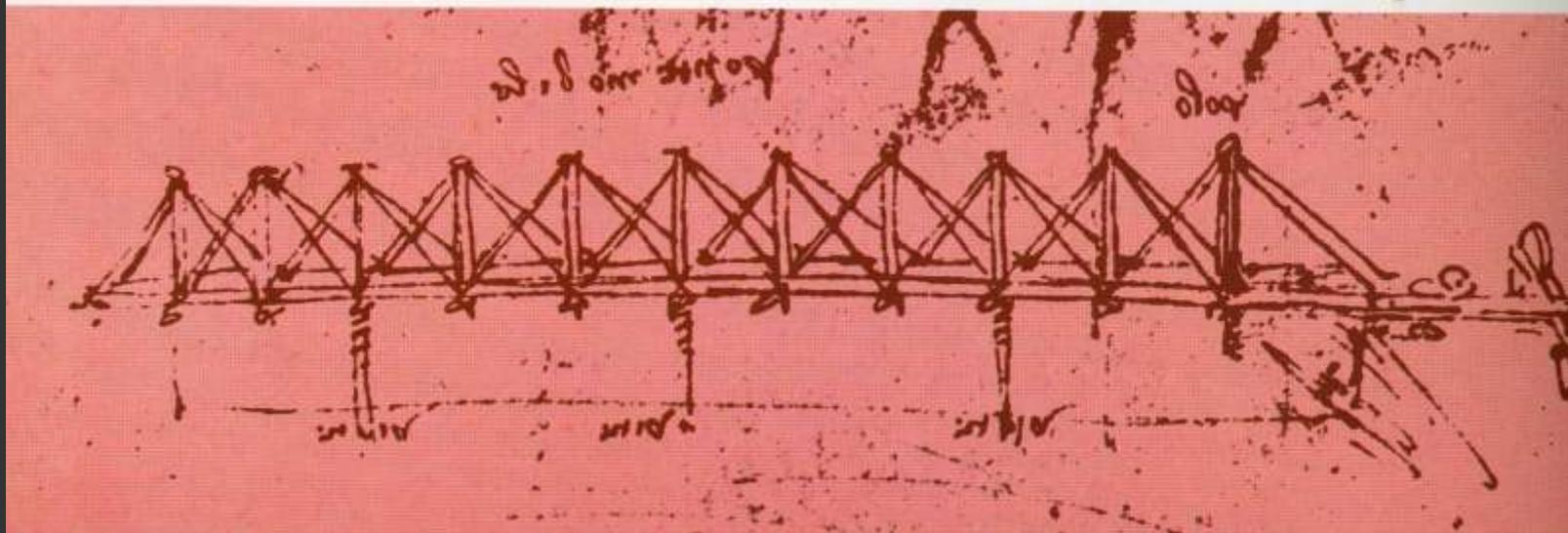
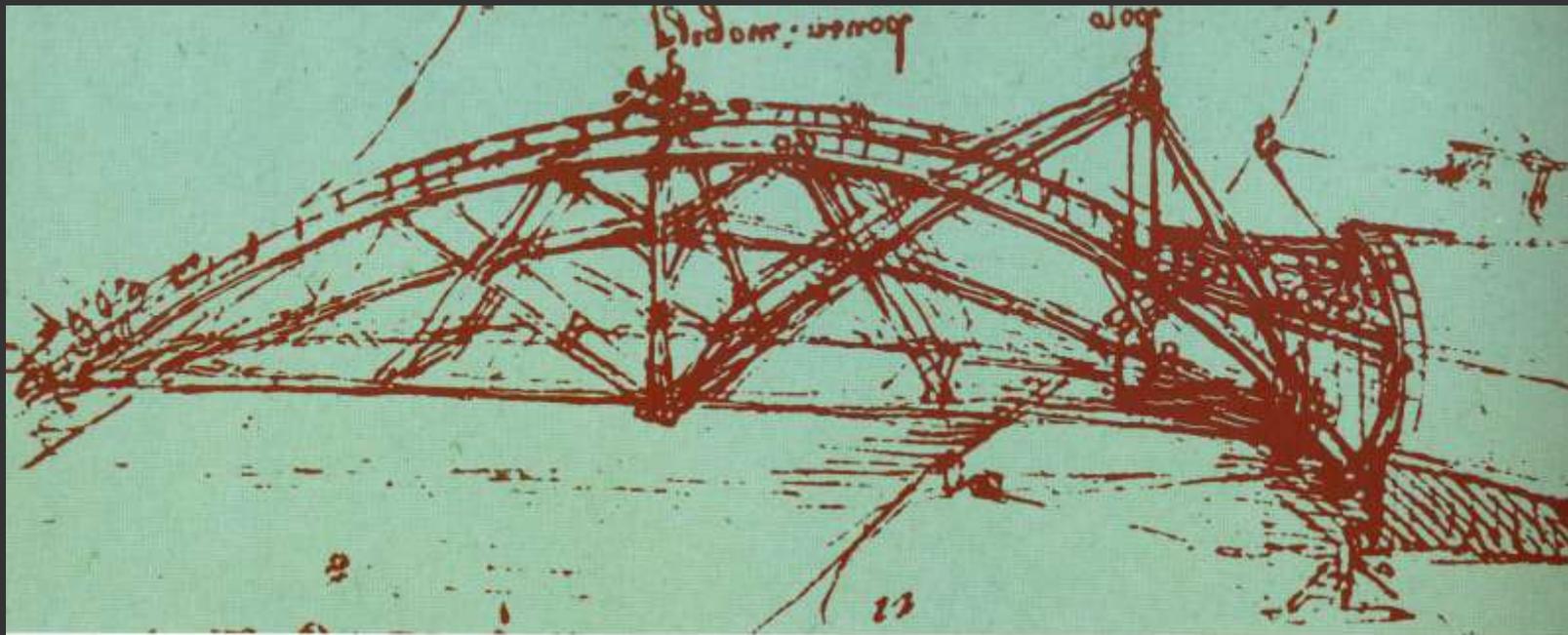


m. 10.00

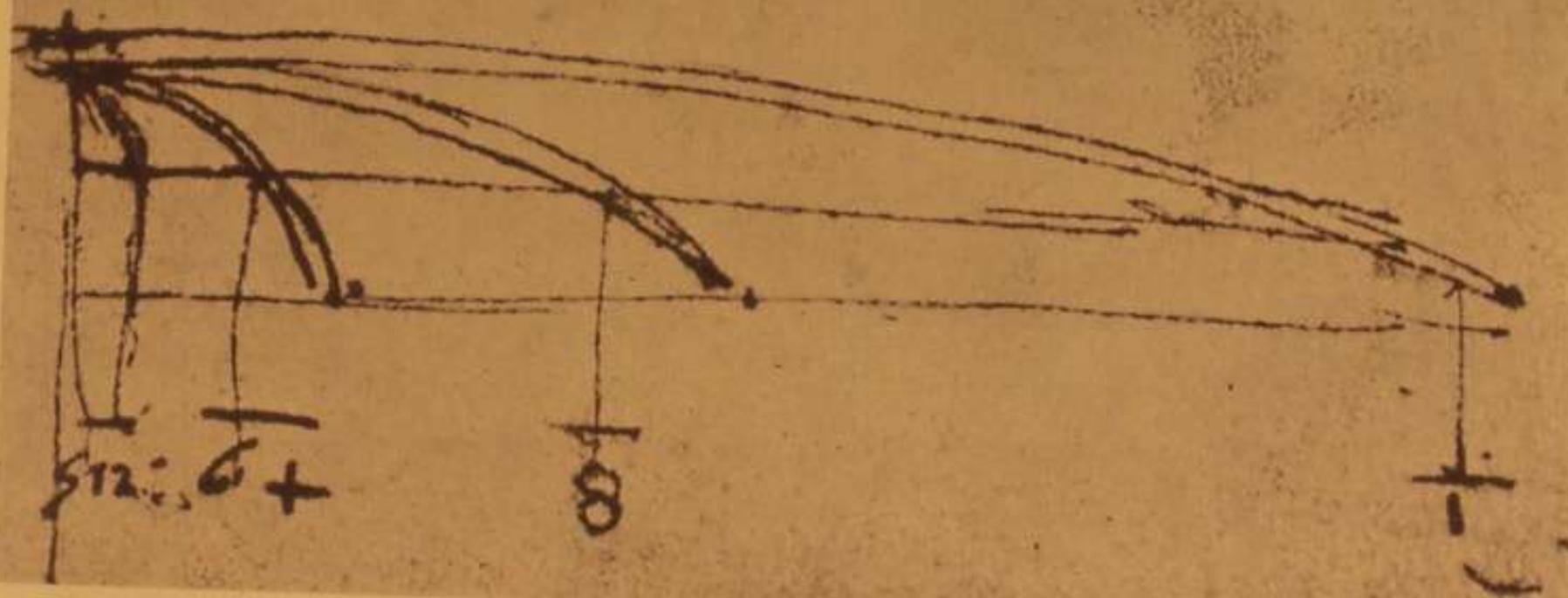




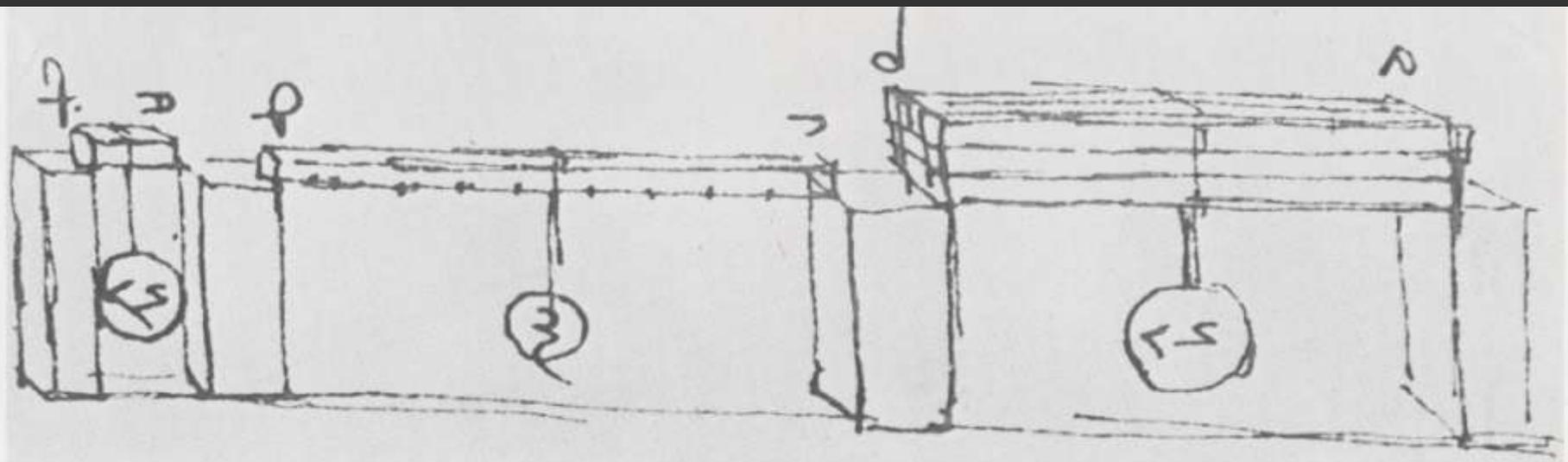




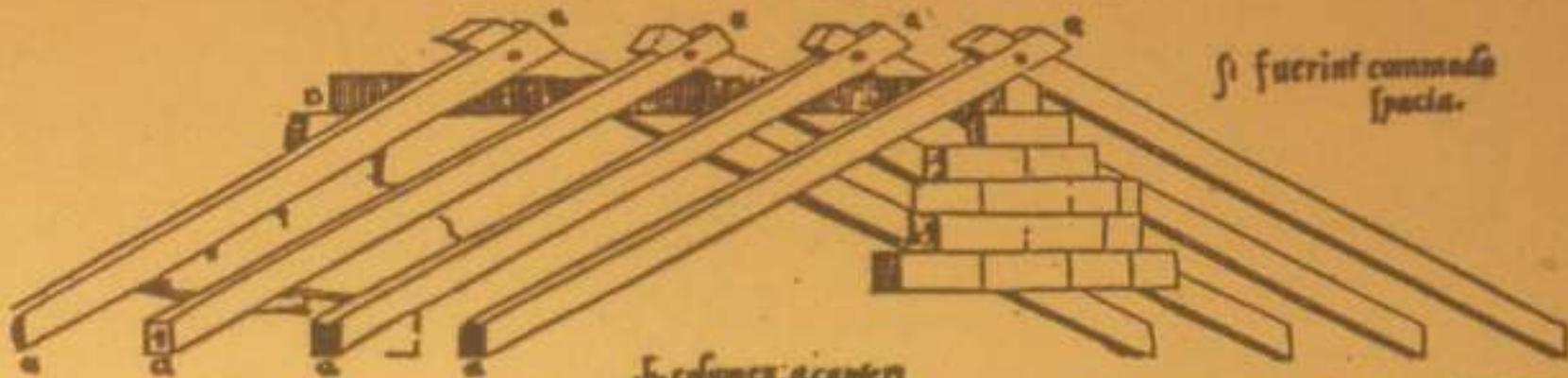
Stassen pise pfe: für Anze: best: mo: dill: pfe: n: l: a  
puzen: q: d: d: d: .







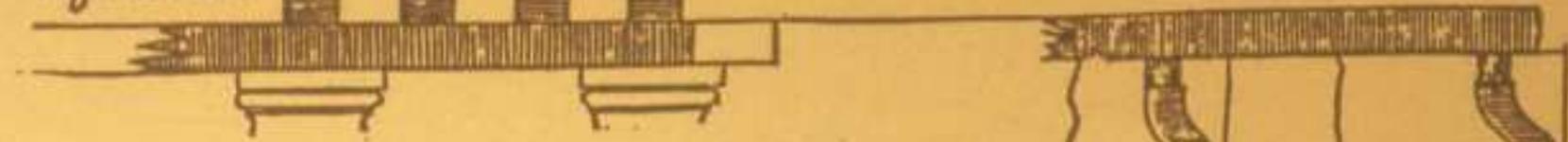
si fuerint commoda  
spacia.



h. columna: a. canteri

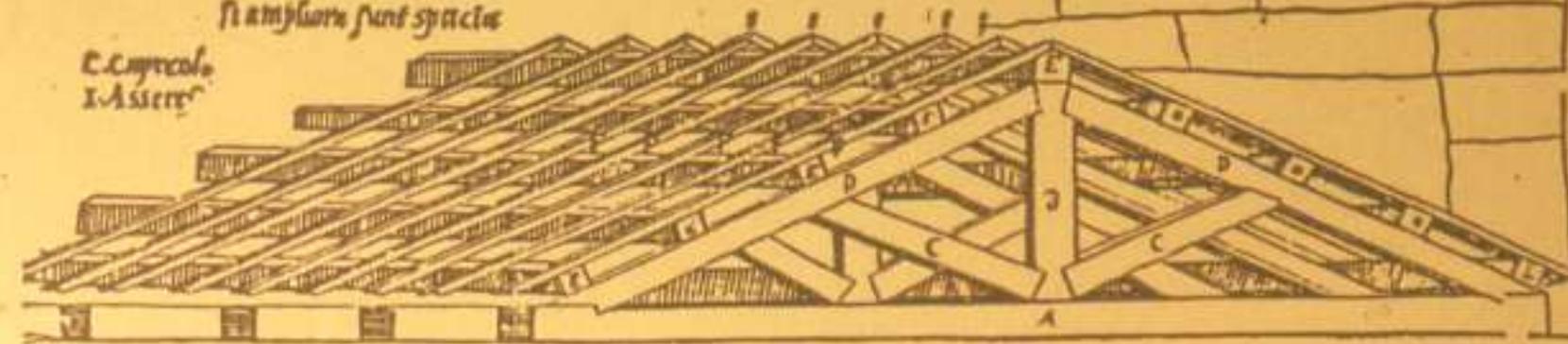
Tignorum ca :

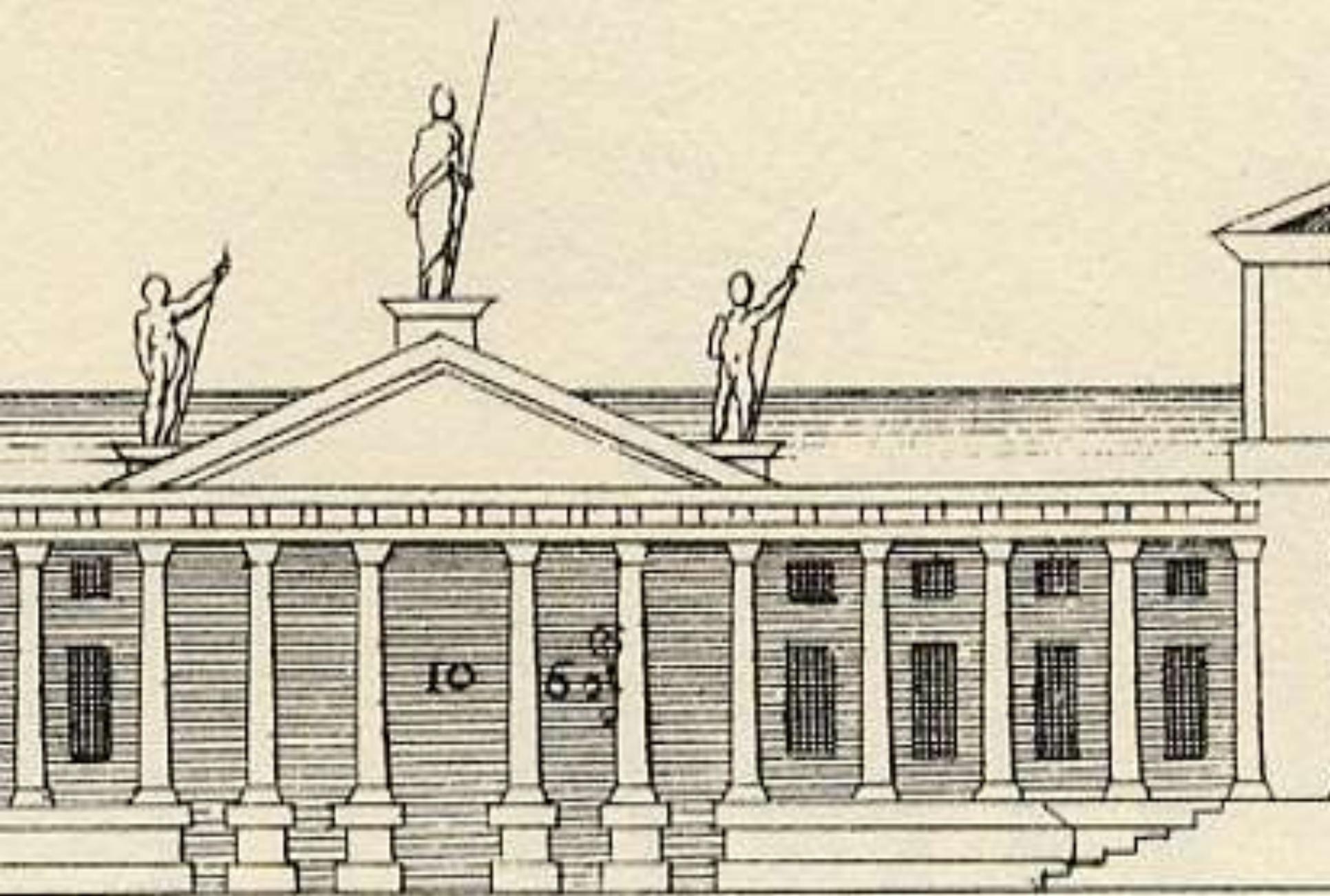
Pila supra trabem et trabs supra columnas



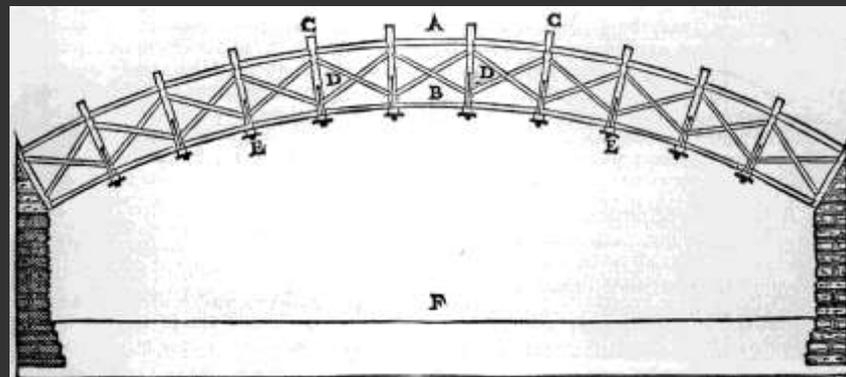
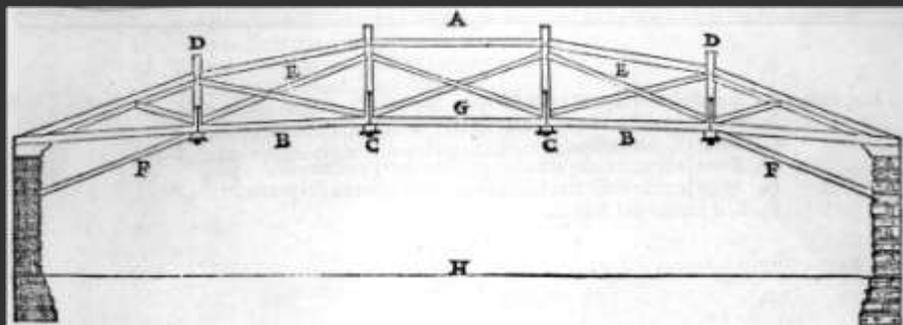
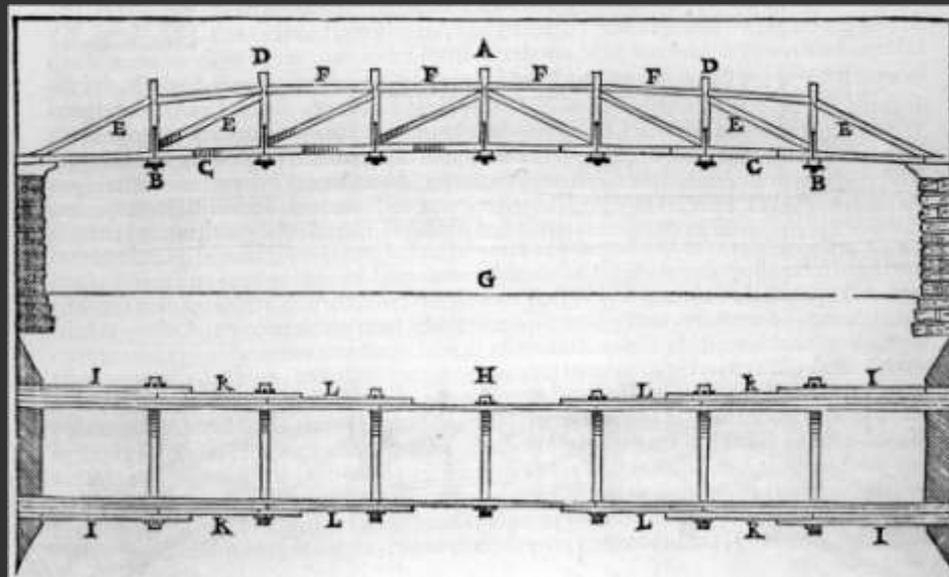
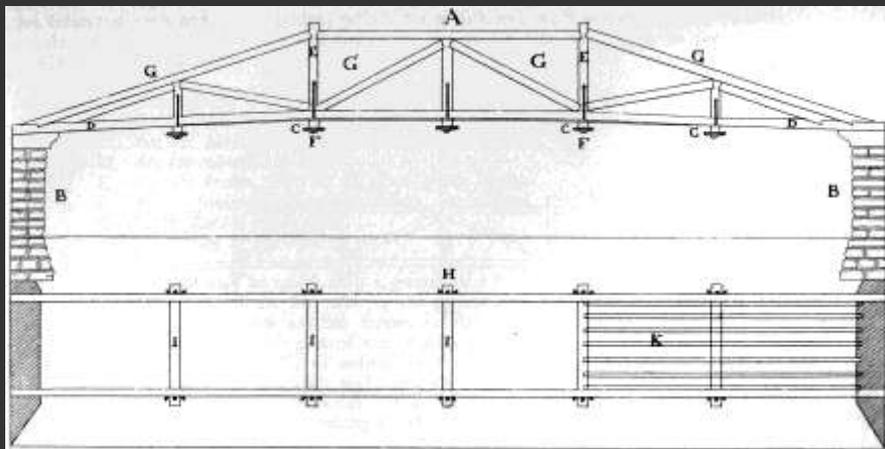
si amplius sunt spatia

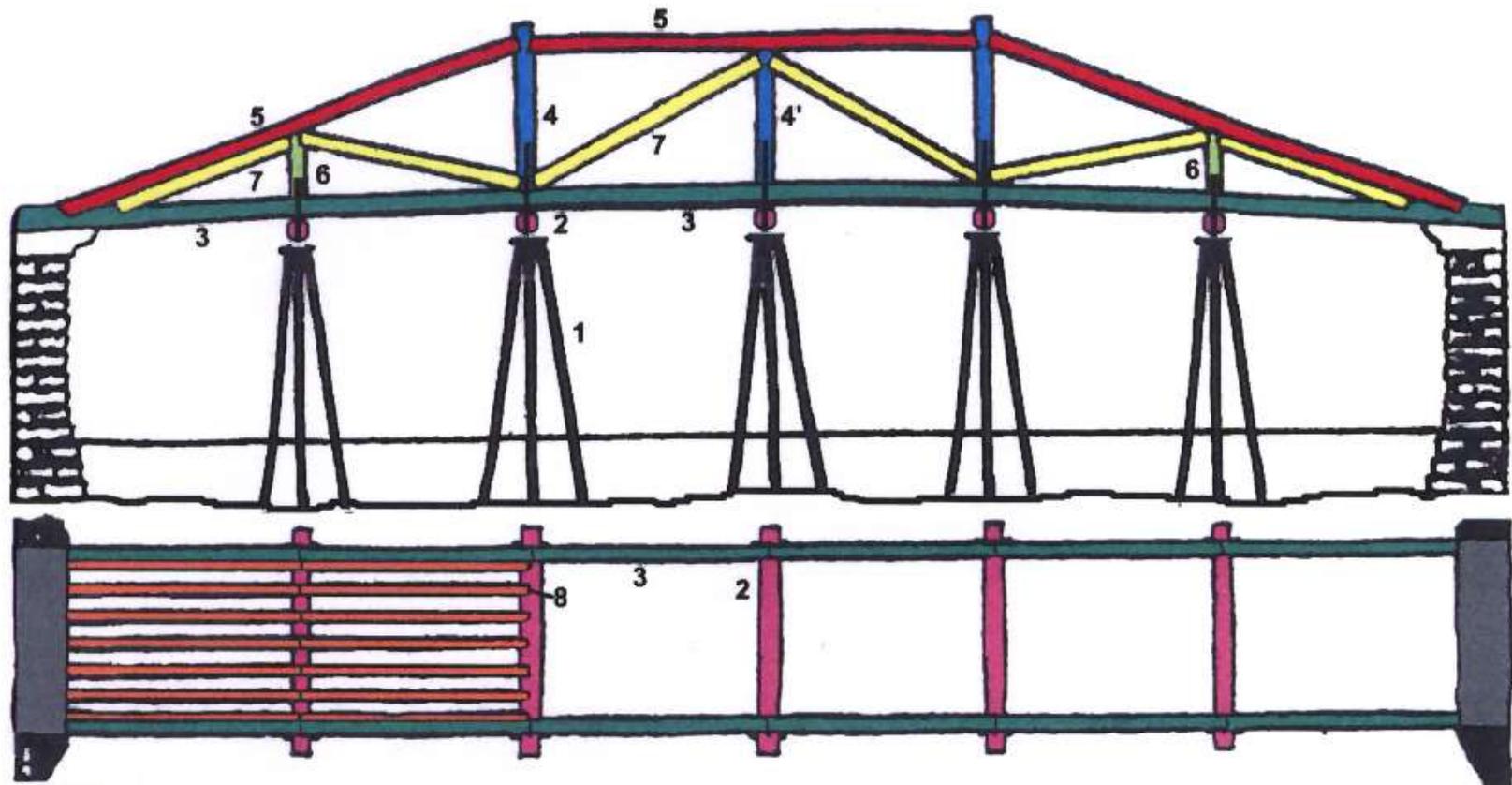
C. Capiteolo  
I. Assere





The Palladio's Timber Bridges:  
*The "invenzioni"*  
Tampone, Funis  
University of Florence

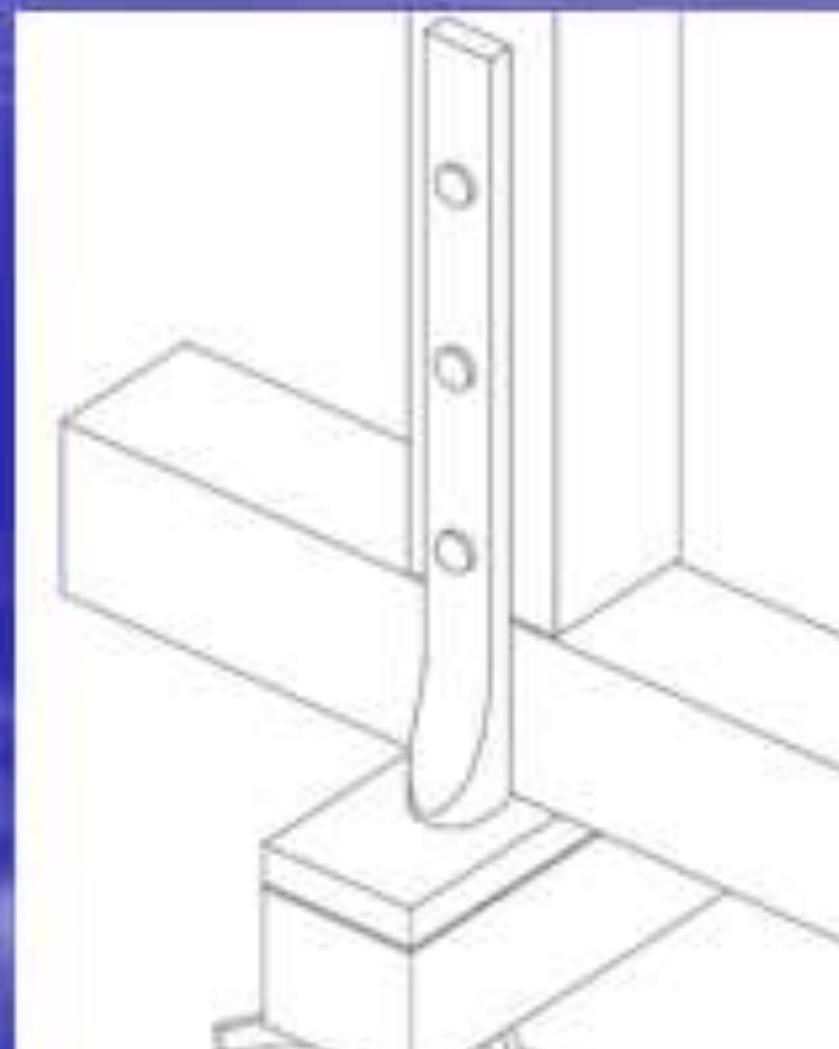
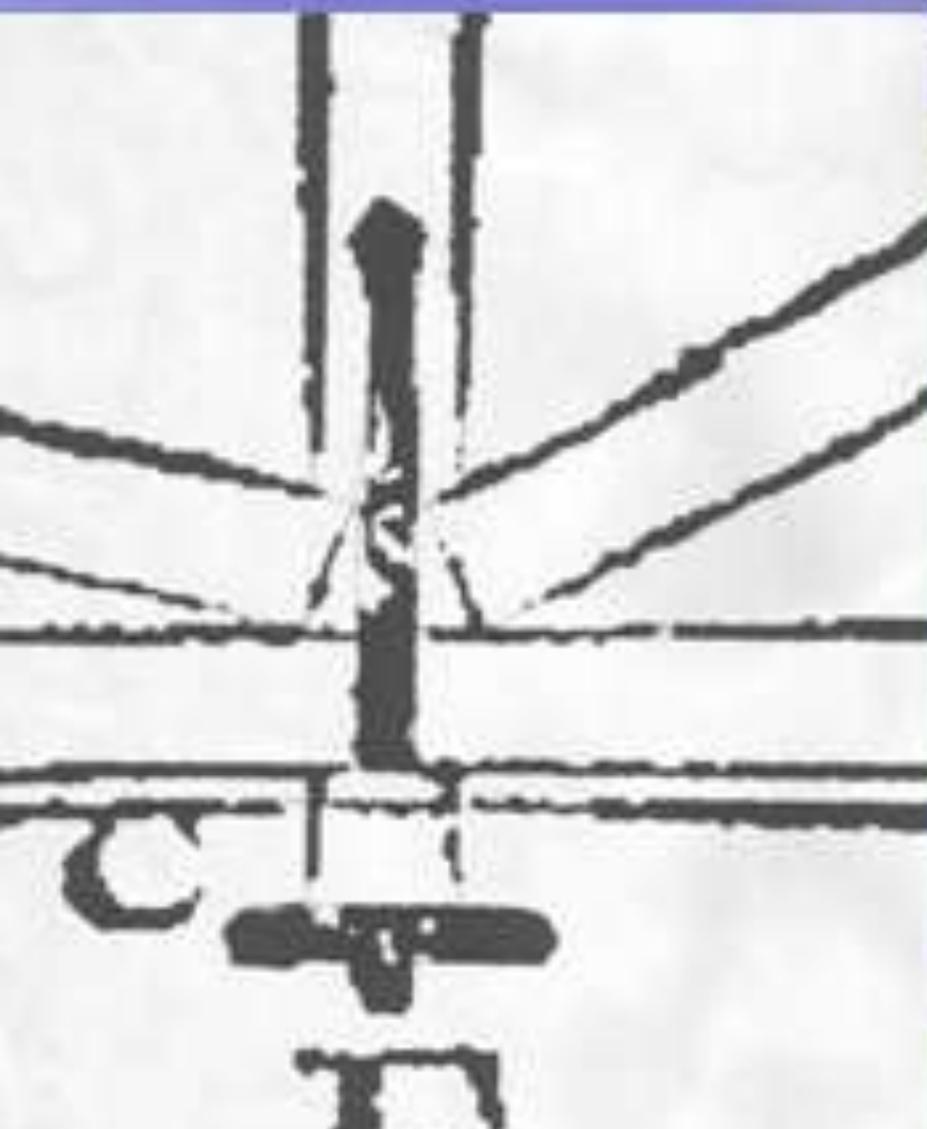


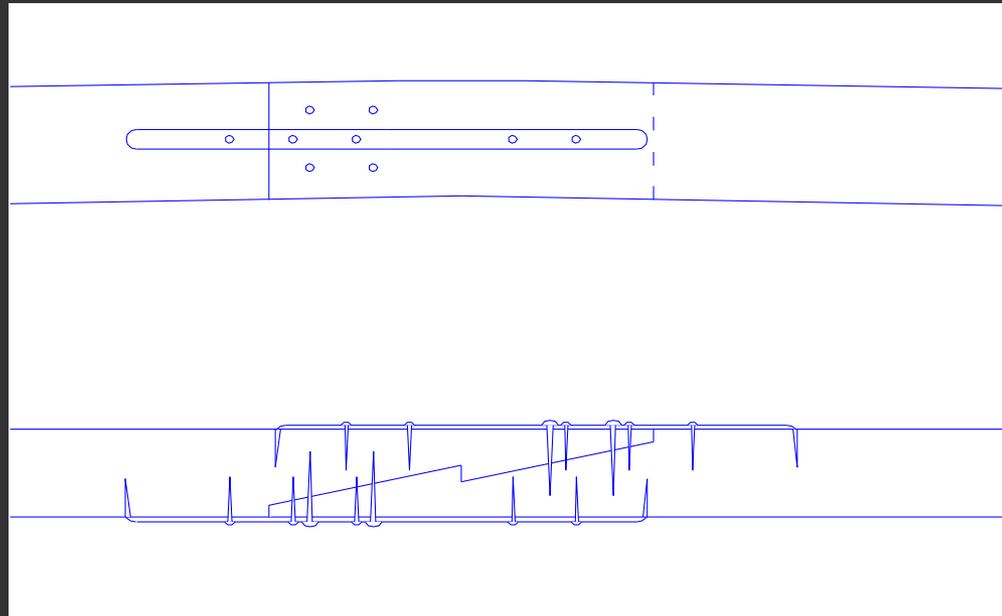
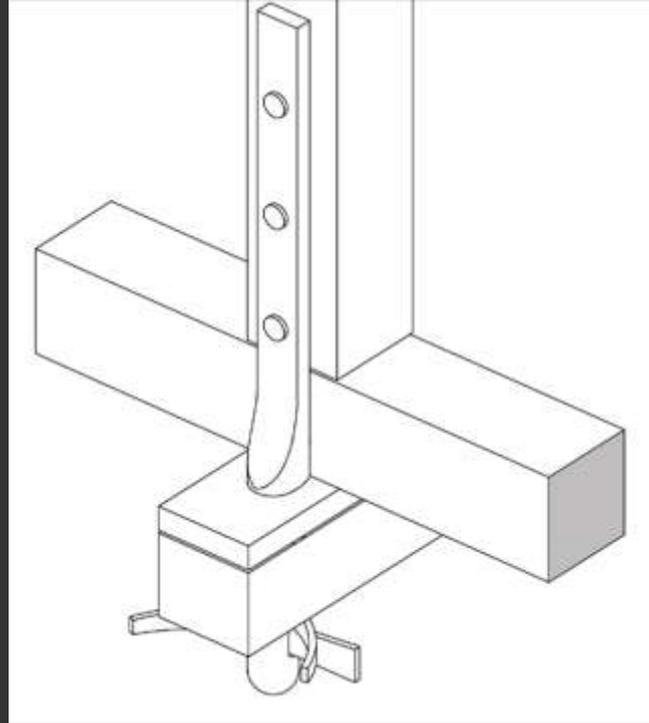


- |   |  |   |  |
|---|--|---|--|
|    | 1.) POSA DEI SOSTEGNI PROVVISORI 1             |   | 8.) COLLOCAZIONE DEL CORRENTE SUPERIORE 8  |
|   | 2.) POSA DELLE TRAVERSE AGLI APPOGGI 2         |  | 9.) INSERIMENTO DEI COLONNELLI SECONDARI 6   |
|  | 3.) POSA DELLE TRAVI DI SPONDA 3               |  | 10.) COLLOCAZIONE DELLE ASTE DIAGONALI 7   |
|   | 4.) COLLEGAMENTI ALLE ESTREMITA' DELLE TRAVI 3 |  | 11.) APPOSIZIONE DEI TRAVICELLI 8  |
|   | 5.) INSERIMENTO DEGLI ARPESI NELLE TRAVERSE    |   |  |
|  | 6.) POSA DEI COLONNELLI PRINCIPALI 4, 4'       |   | 12.) [ APPOSIZIONE DEL TAVOLATO DI CALPESTIO E DI IRRIGIDIMENTO PARALLELAMENTE ALLE TRAVERSE ] |

# The Palladio's Timber Bridges: ***The Contrivance***

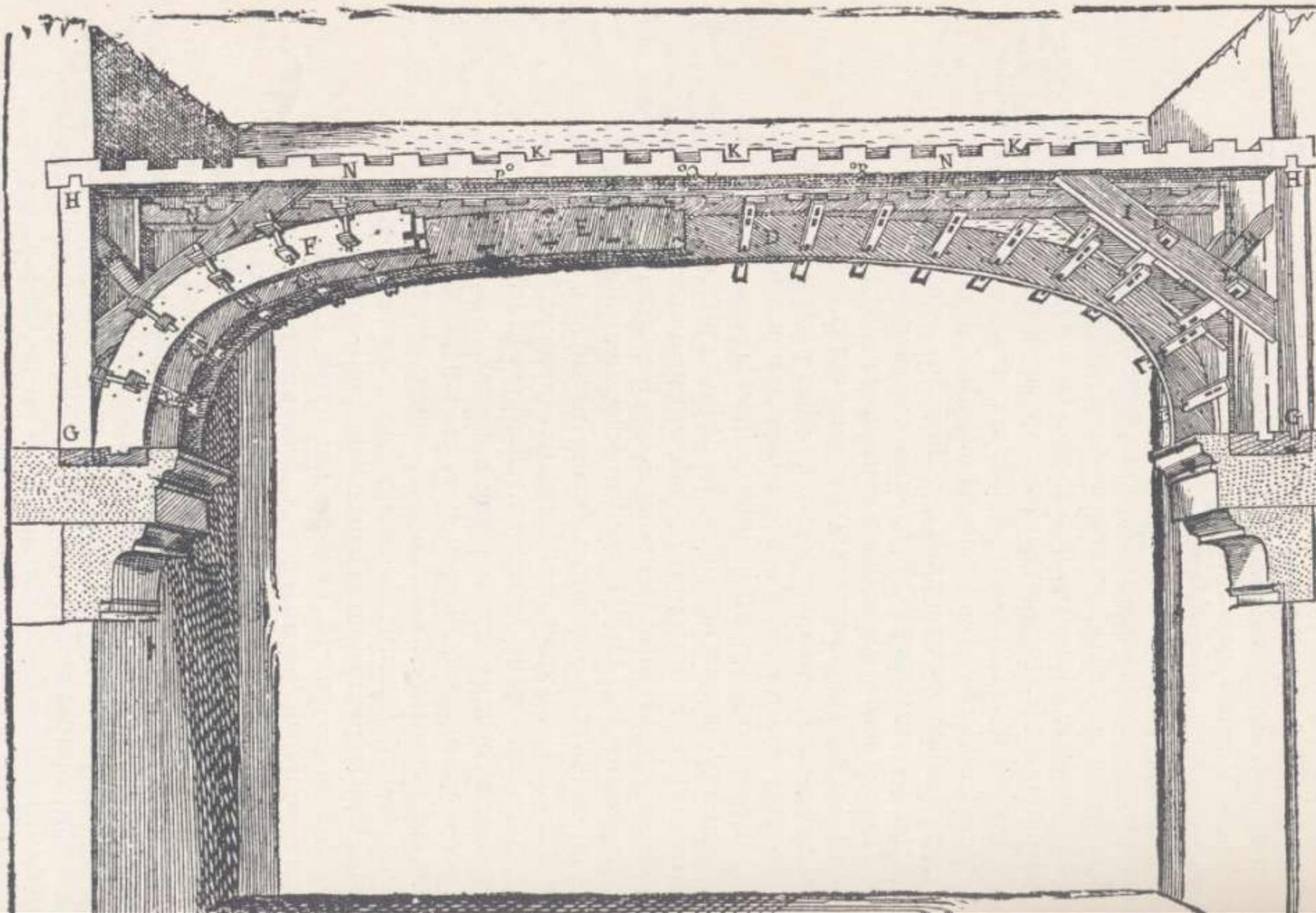
Tampone, Furis  
*University of Florence*



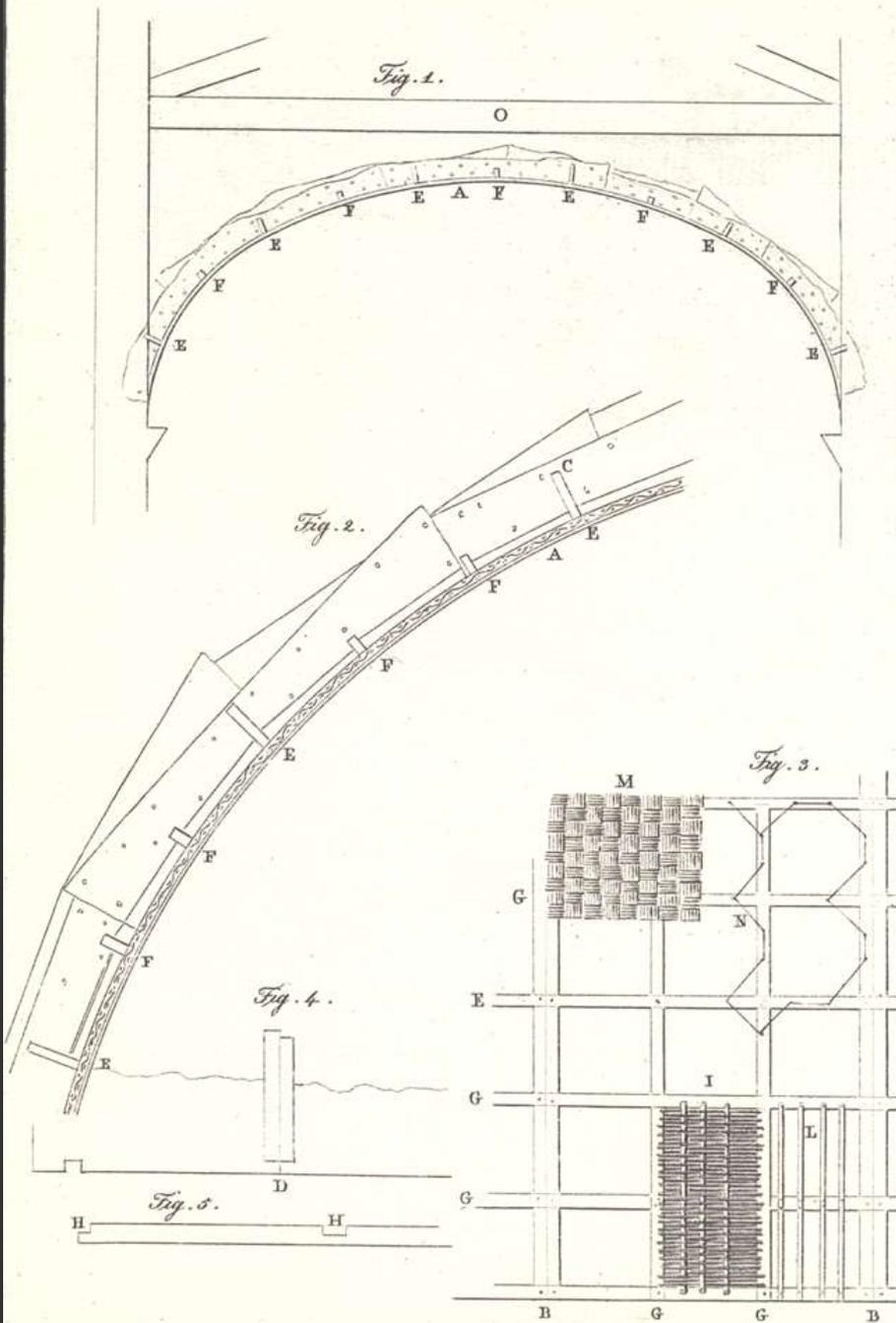




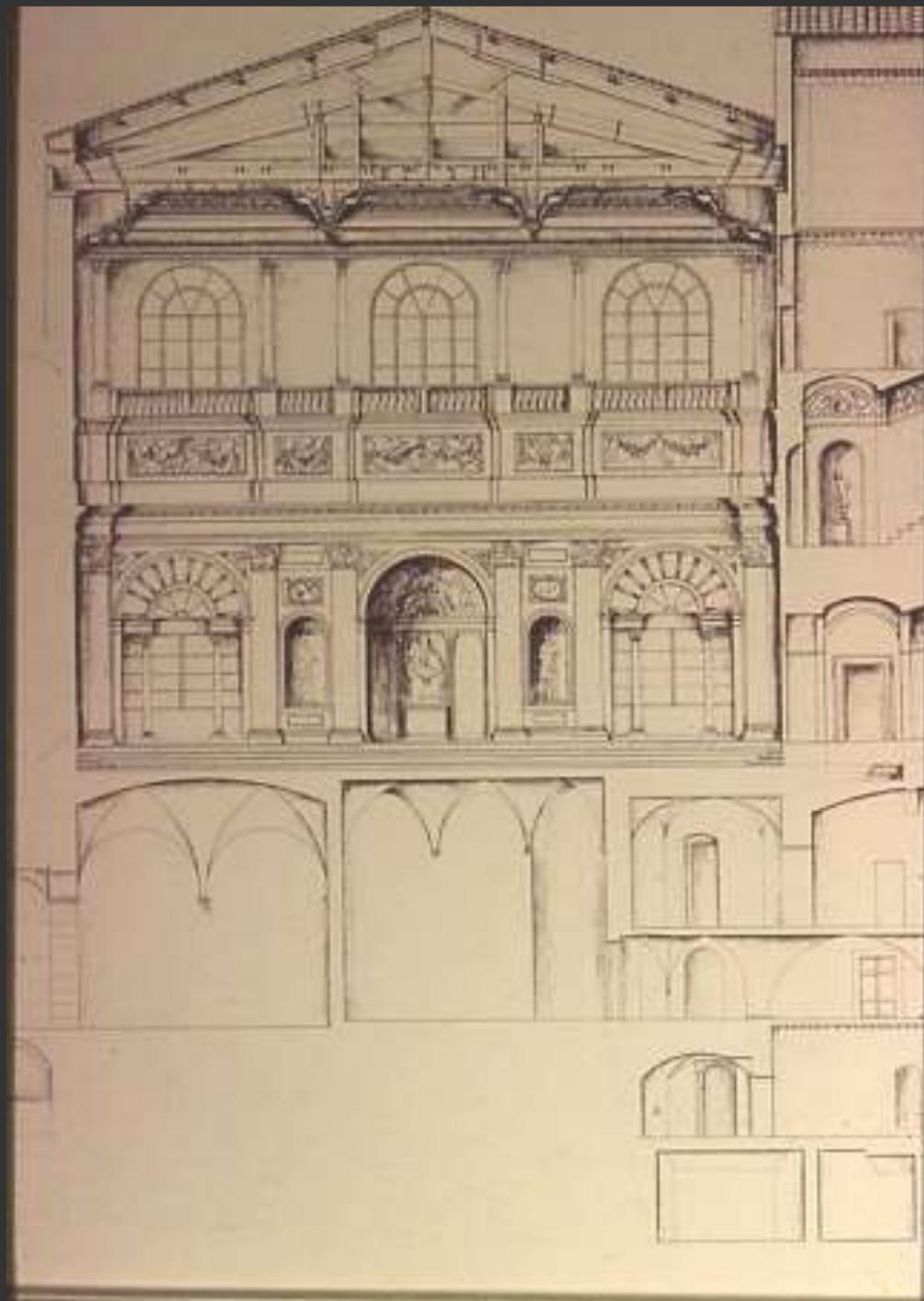






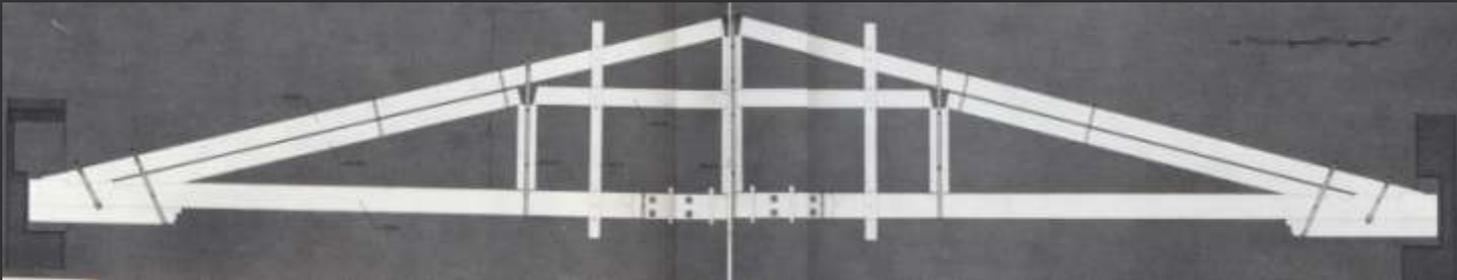
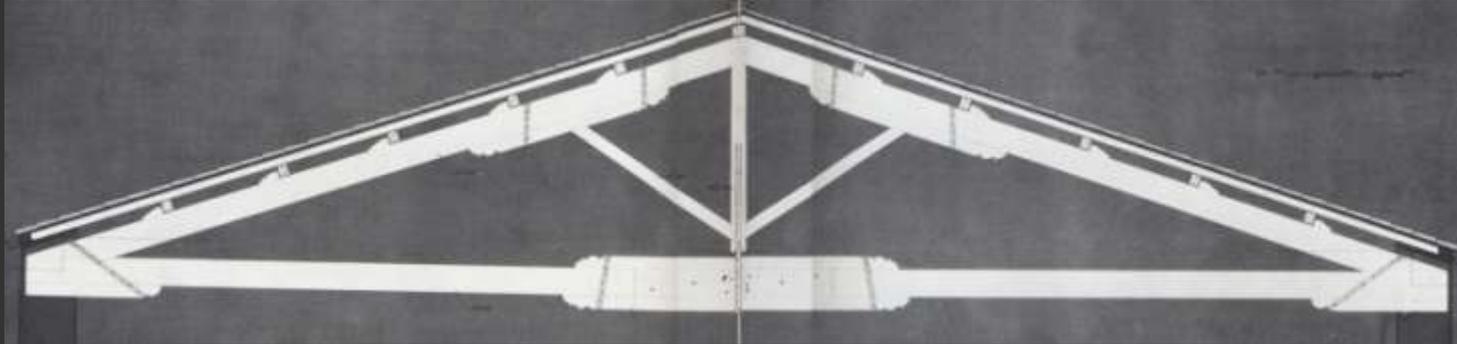






The Palladio's Timber Bridges:  
***The Generation of the Structural Configuration***

Tampone, Funis





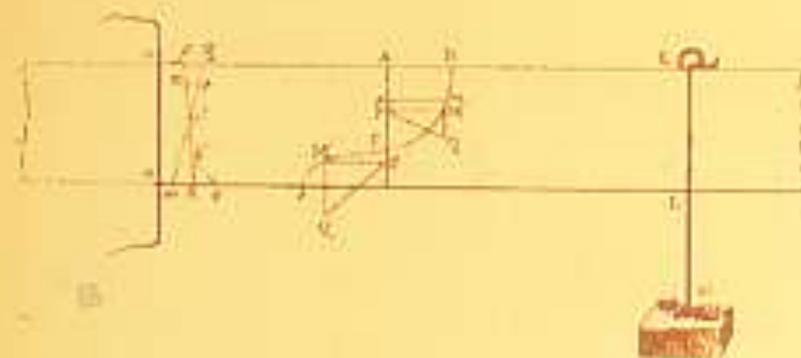
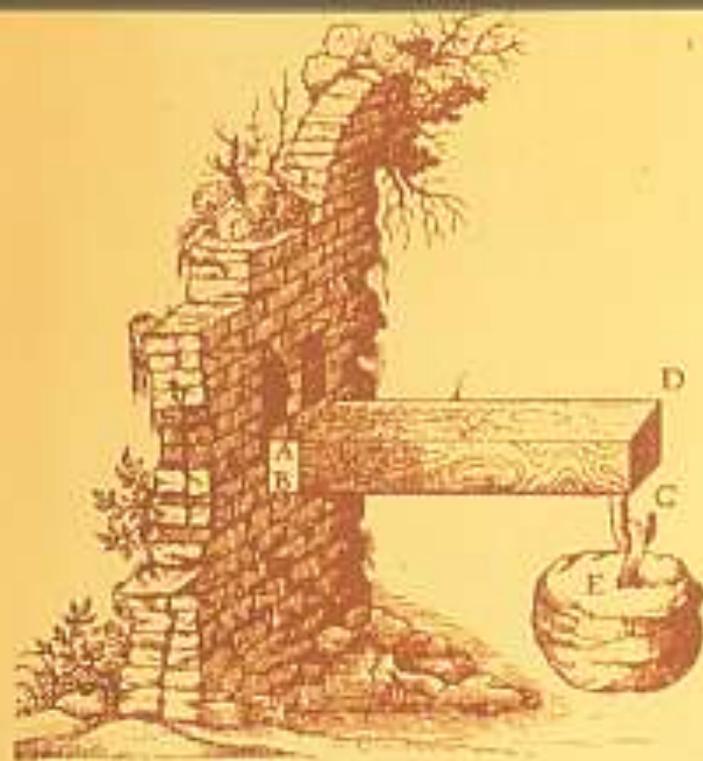
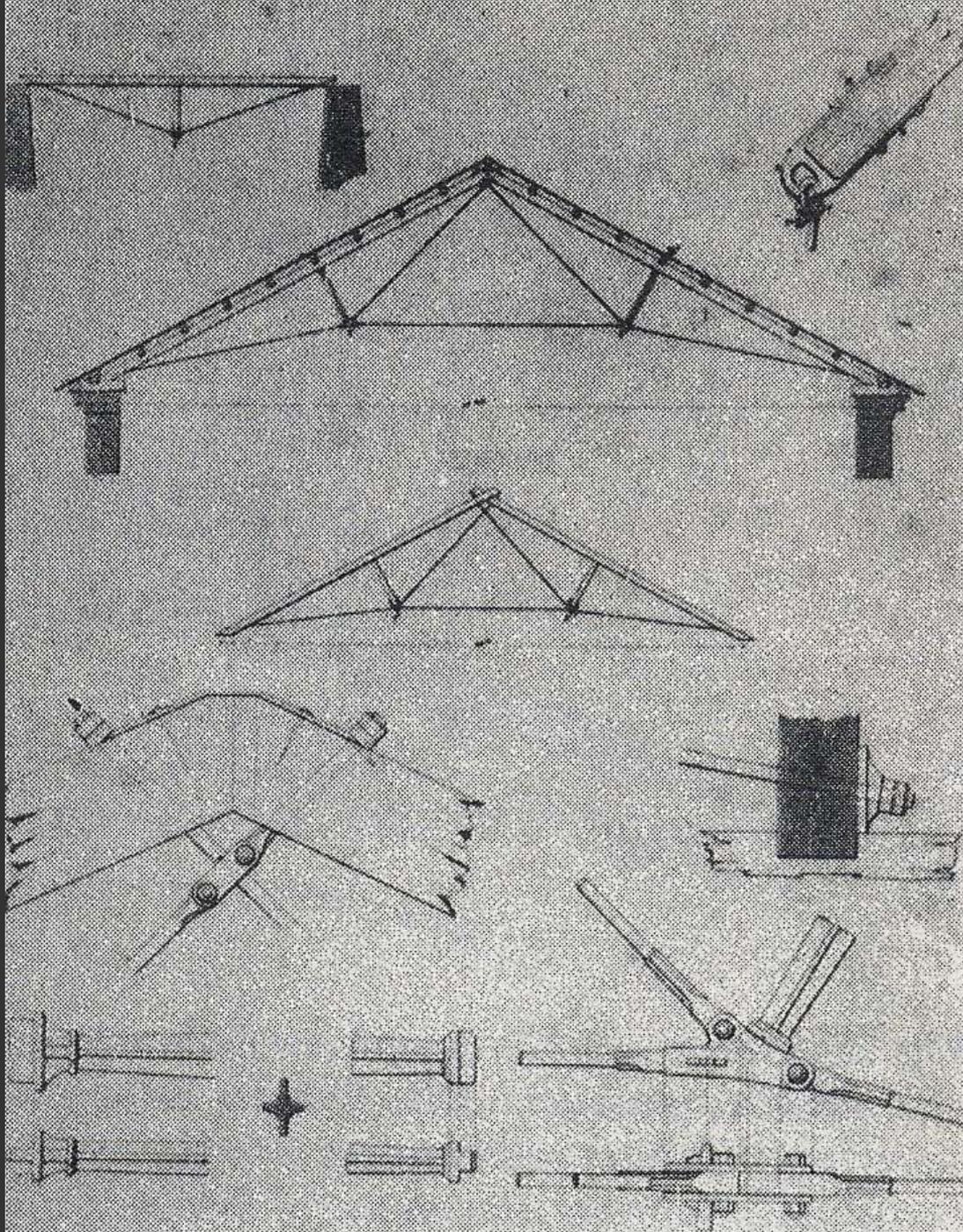
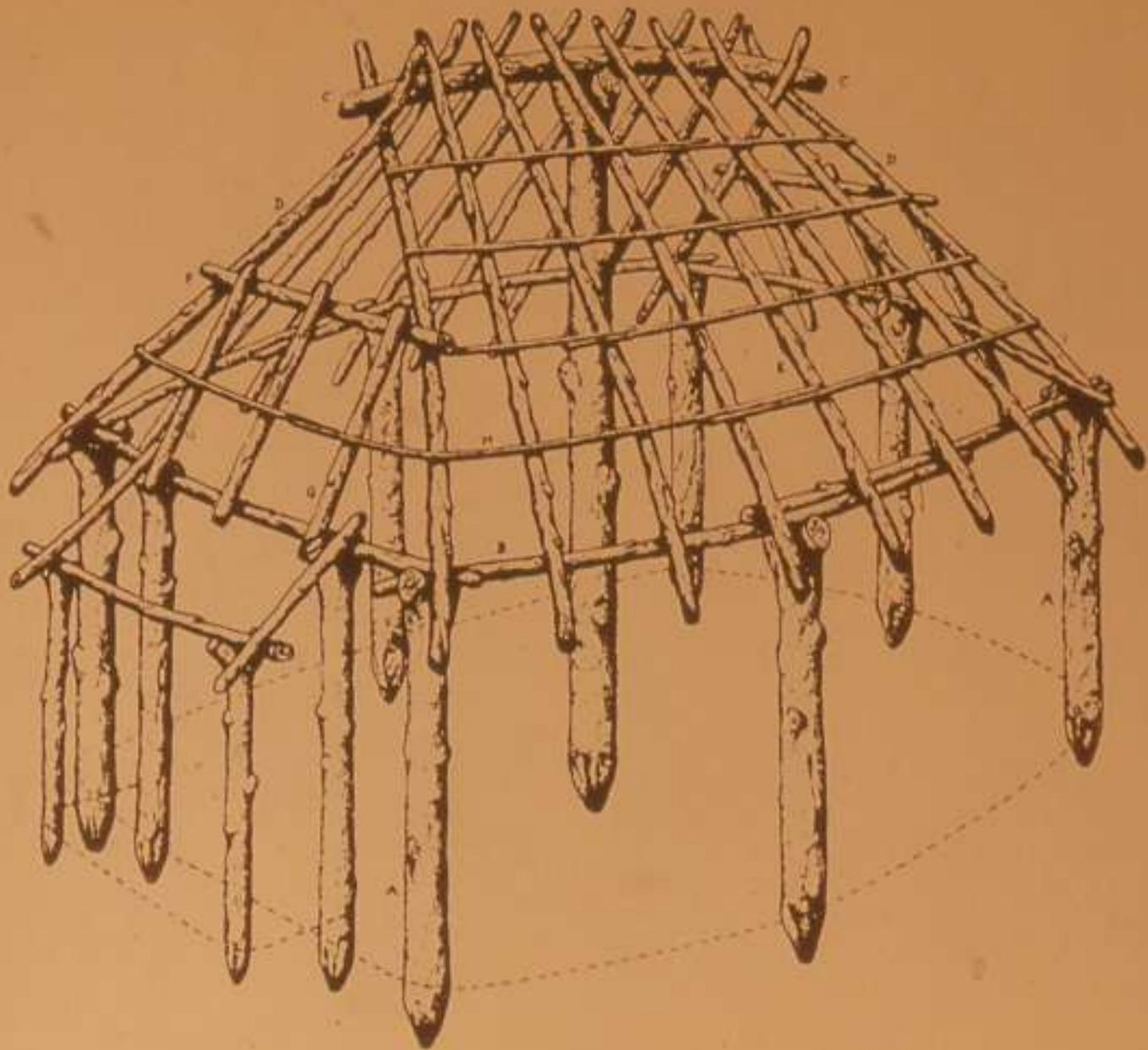


Fig. 2.23 Trave lignea a mensola, caricata all'estremità, di Galileo Galilei e corretta interpretazione della distribuzione interna delle tensioni proposta da Coulomb (v. testo; da R. Mainstone, cit.).



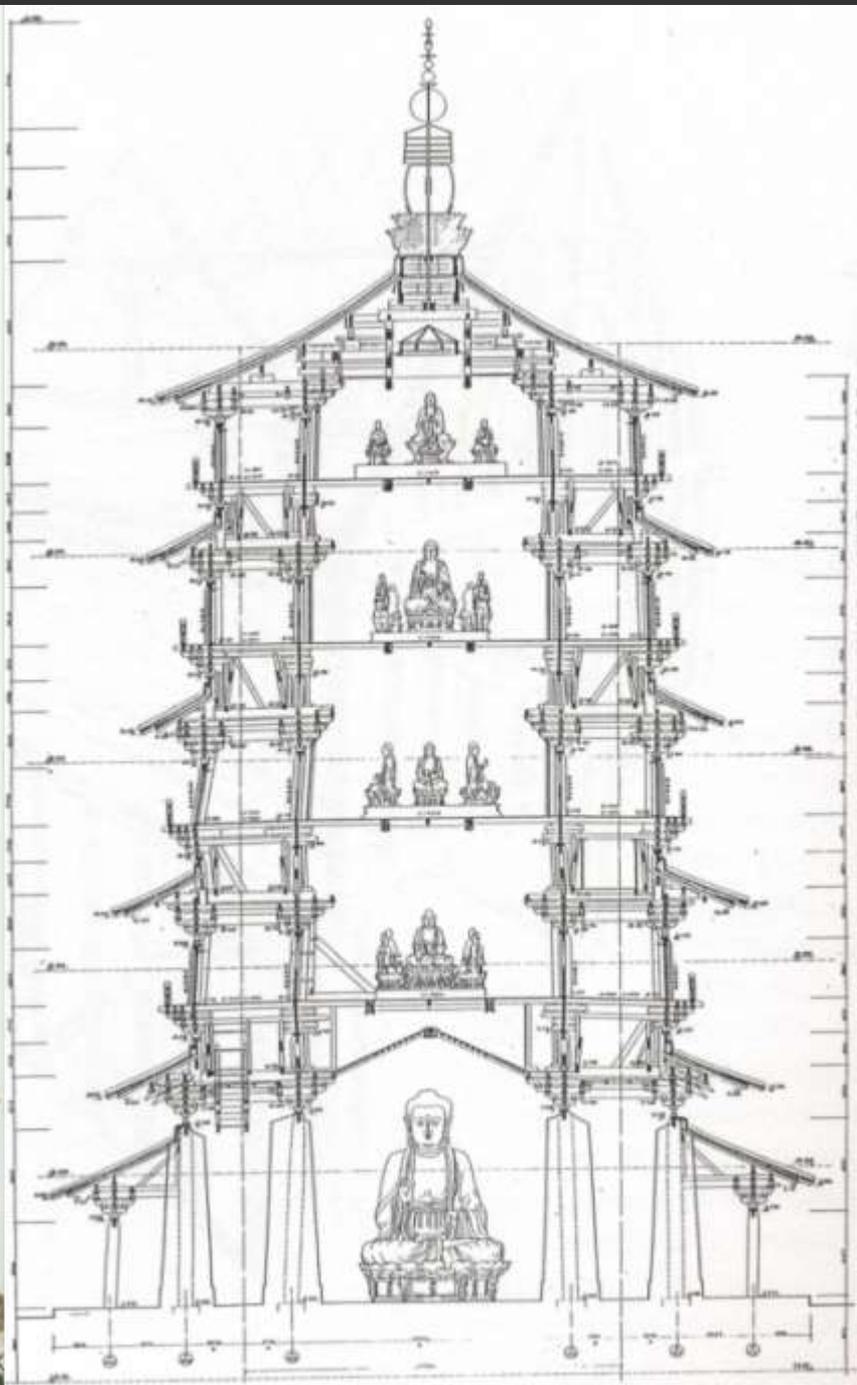


A

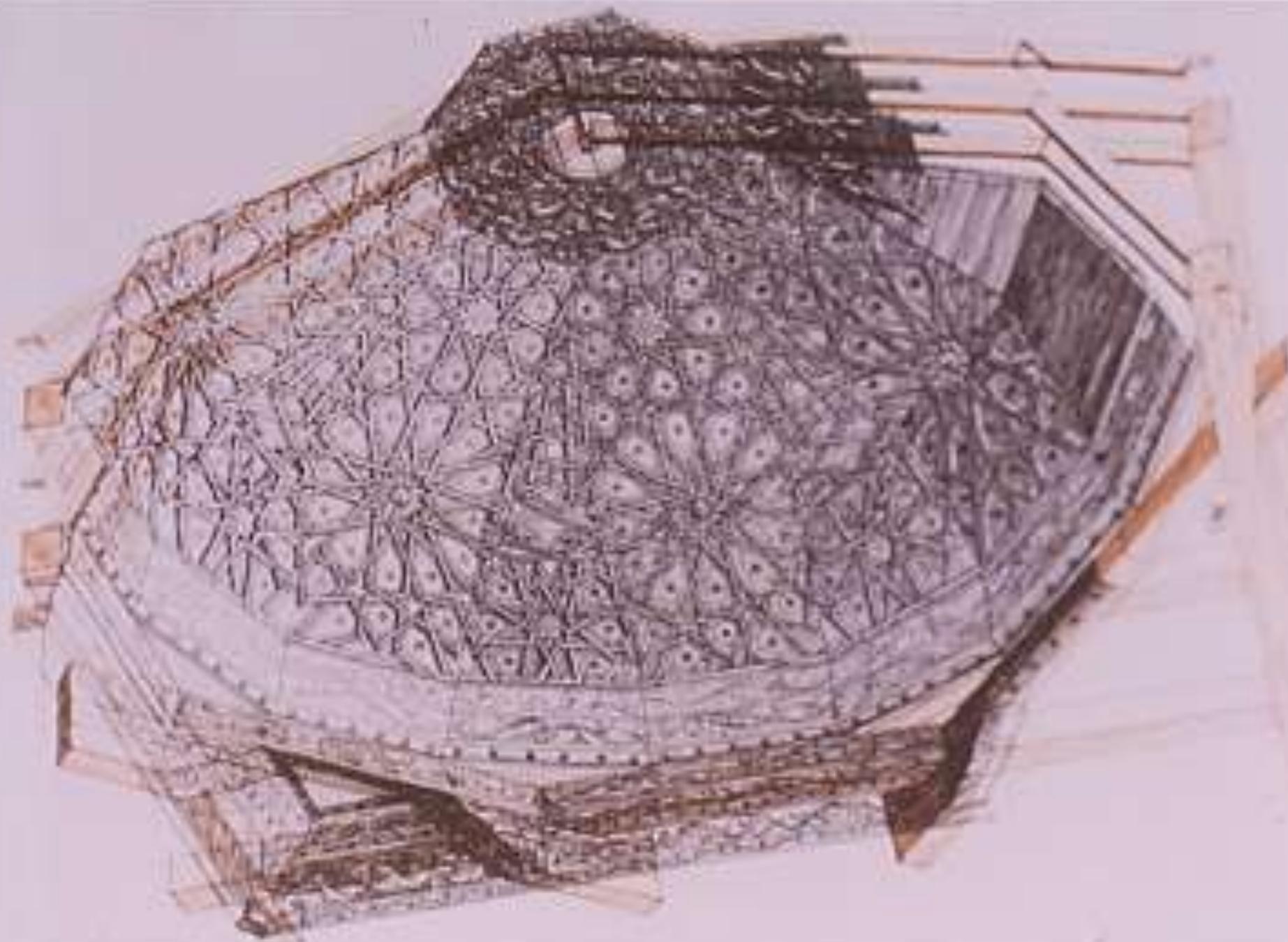


A-FURCAE  
B-MYTYLI  
C-COLVMEN  
D-CAPREOLI  
E-CANTHERII  
F-TRANSTRA  
G-INTERPENSIVAE  
H-TEMPLA







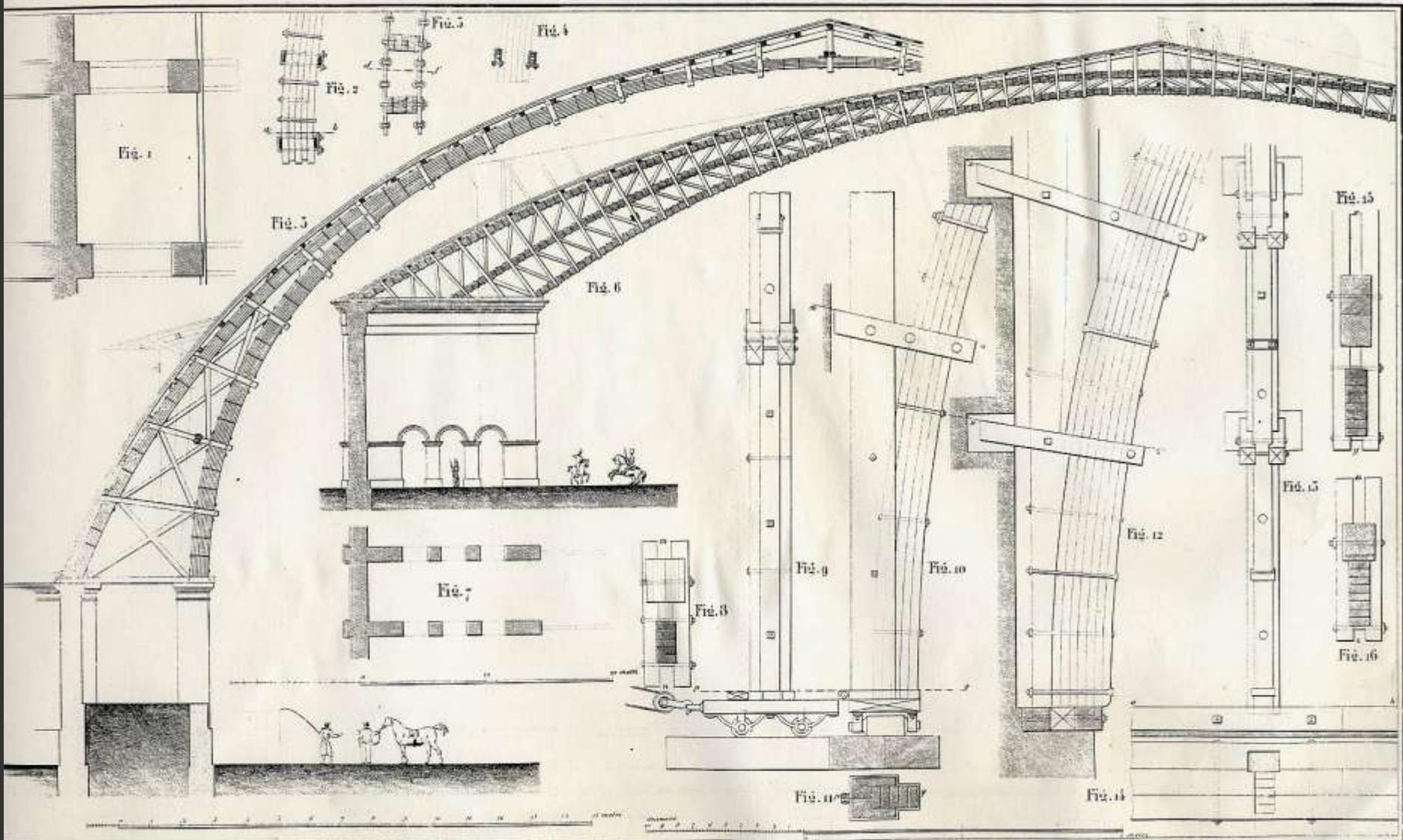






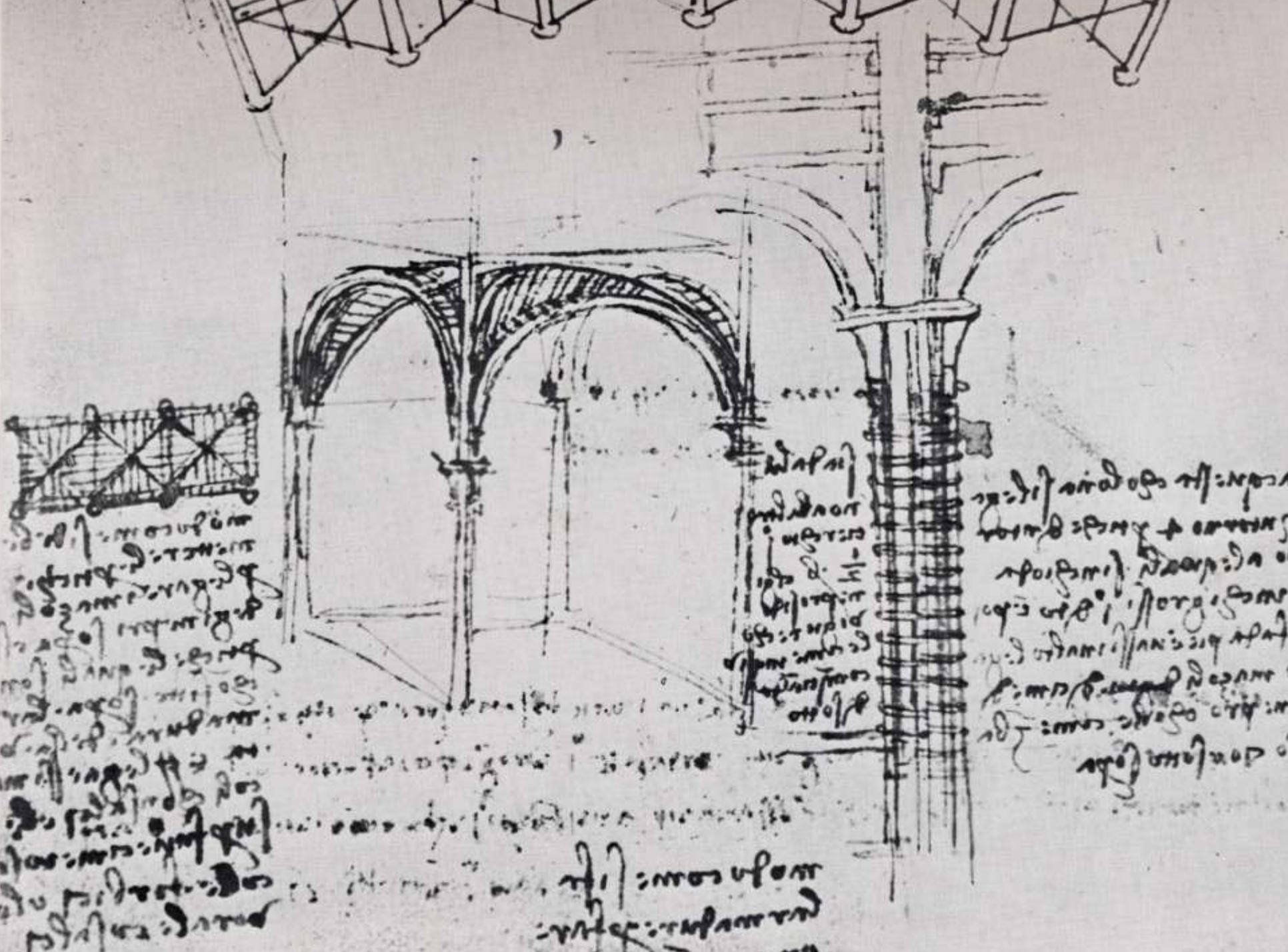












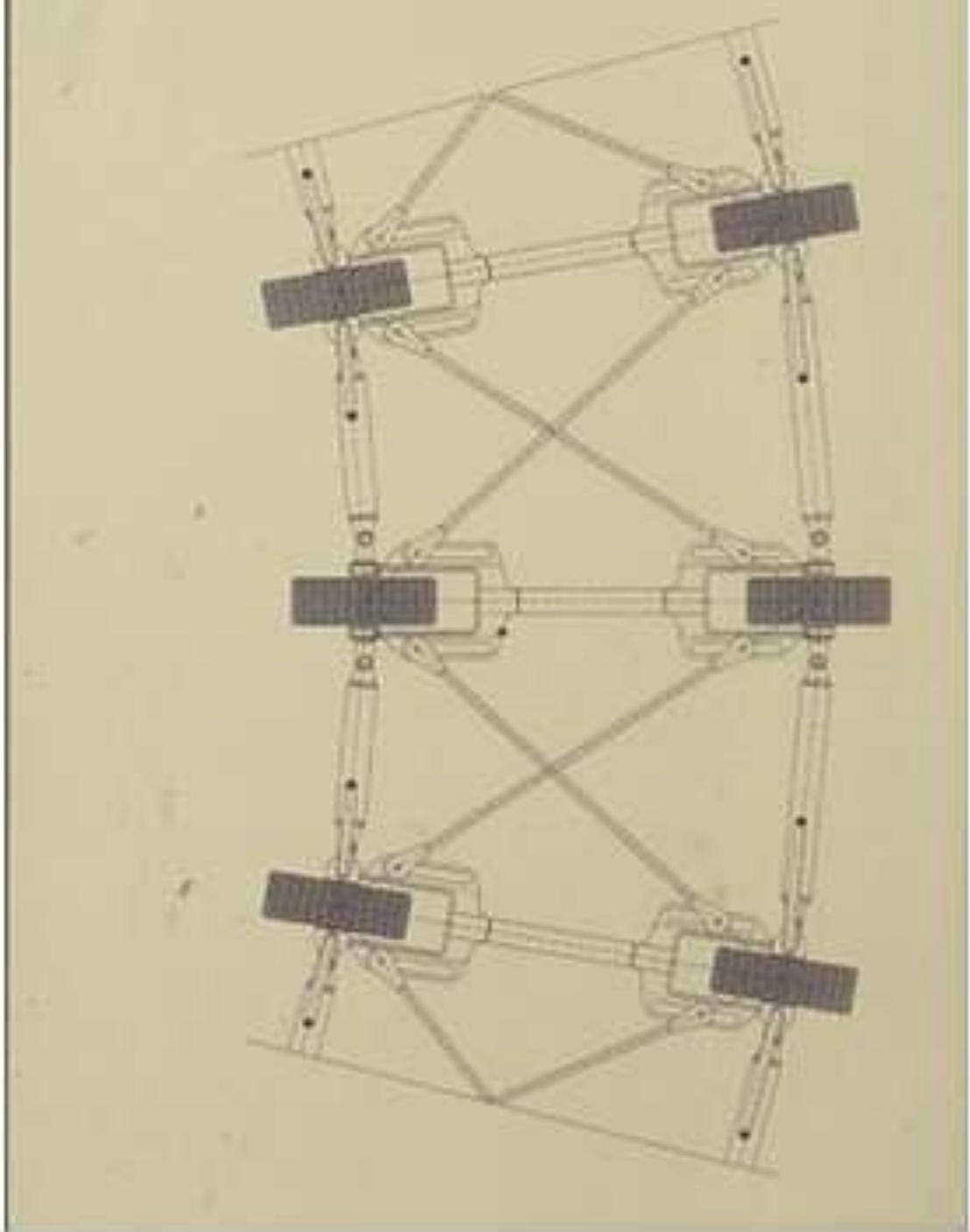
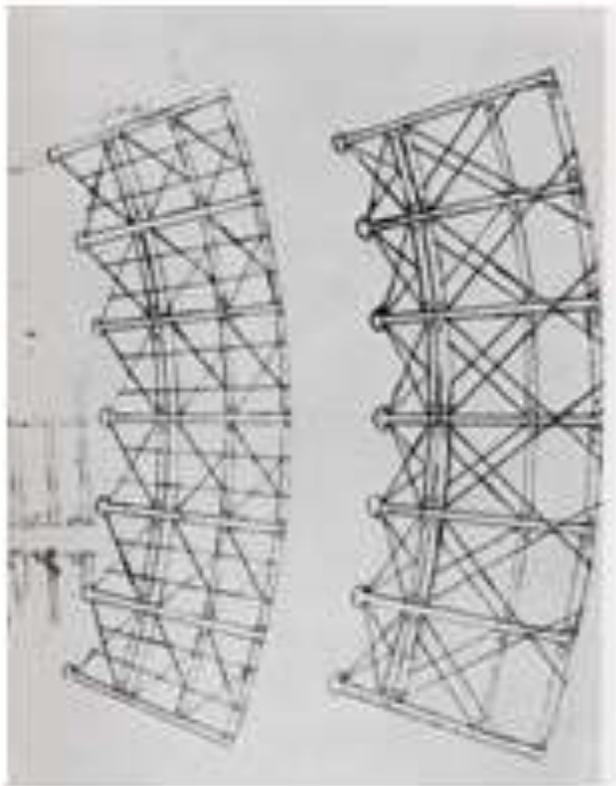
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# Riferimenti bibliografici essenziali

- G. Tampone, 1996, ***Il restauro delle strutture di legno***, Milano: Hoepli
- G. Tampone, M. Mannucci, N. Macchioni, 2000, ***Le strutture di legno: Cultura, conservazione, restauro***, Milano: De Lettera
- G. Giordano, 1993, ***La tecnica delle costruzioni in legno***, Milano: Hoepli
- AA.VV., 2005, Proceedings of the ***Int. Conf. on the Conserv. of the Historic Wooden Structures***, Firenze: Collegio degli Ingegneri della Toscana Editore

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