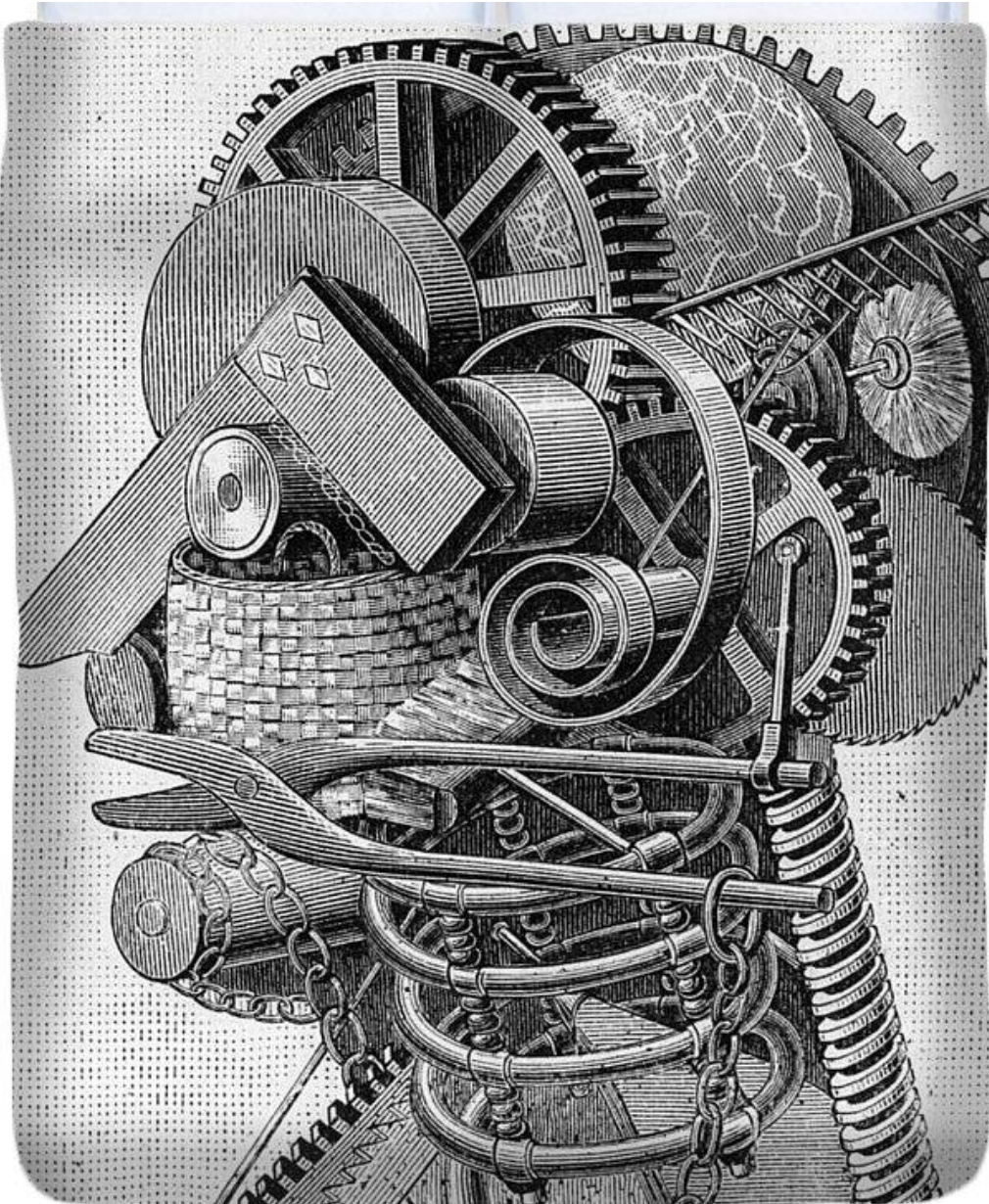
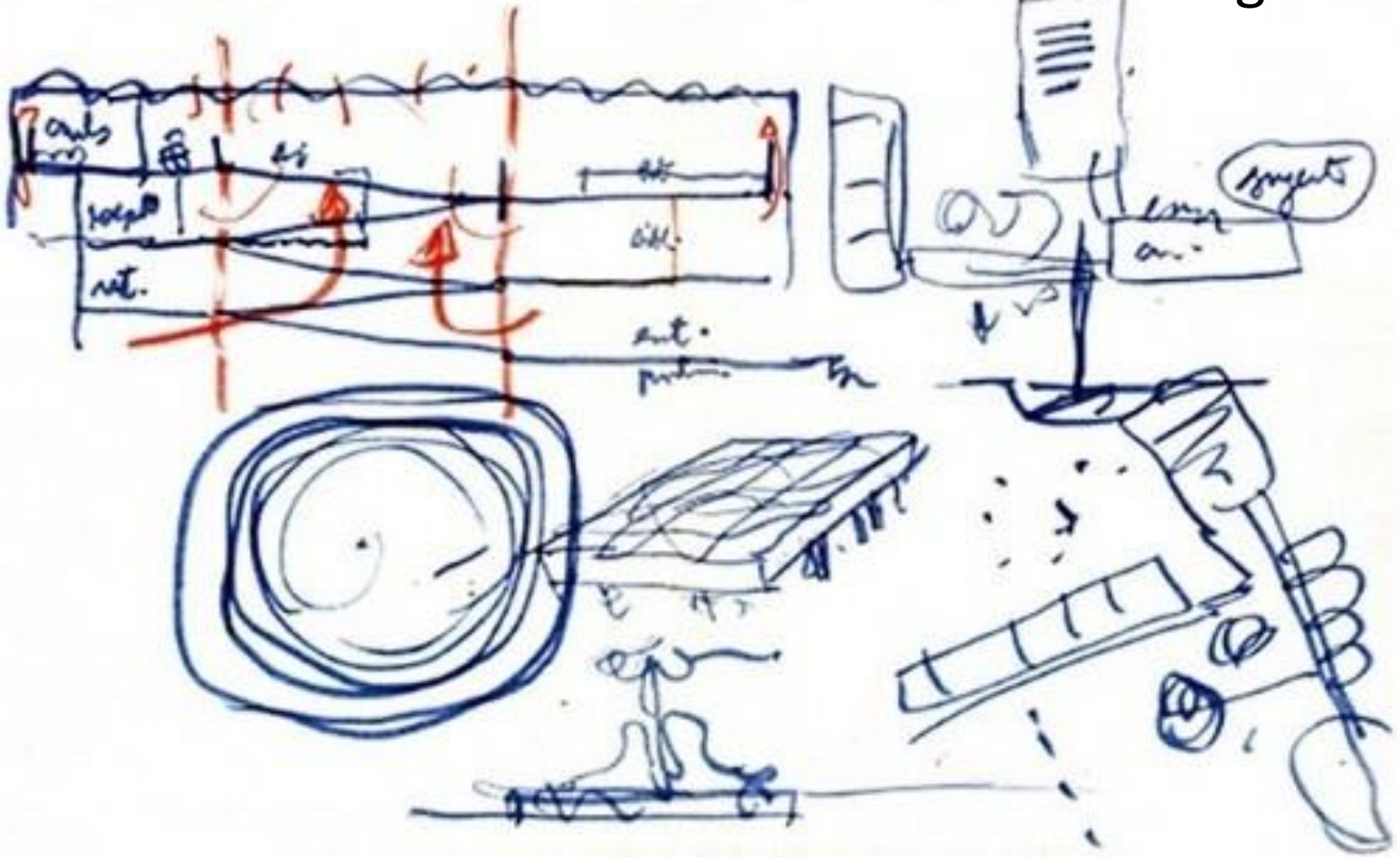




**O Desenho como
forma de expressão
e pensamento na
contemporaneidade**

“Desenho é desígnio, intenção.”

Villanova Artigas

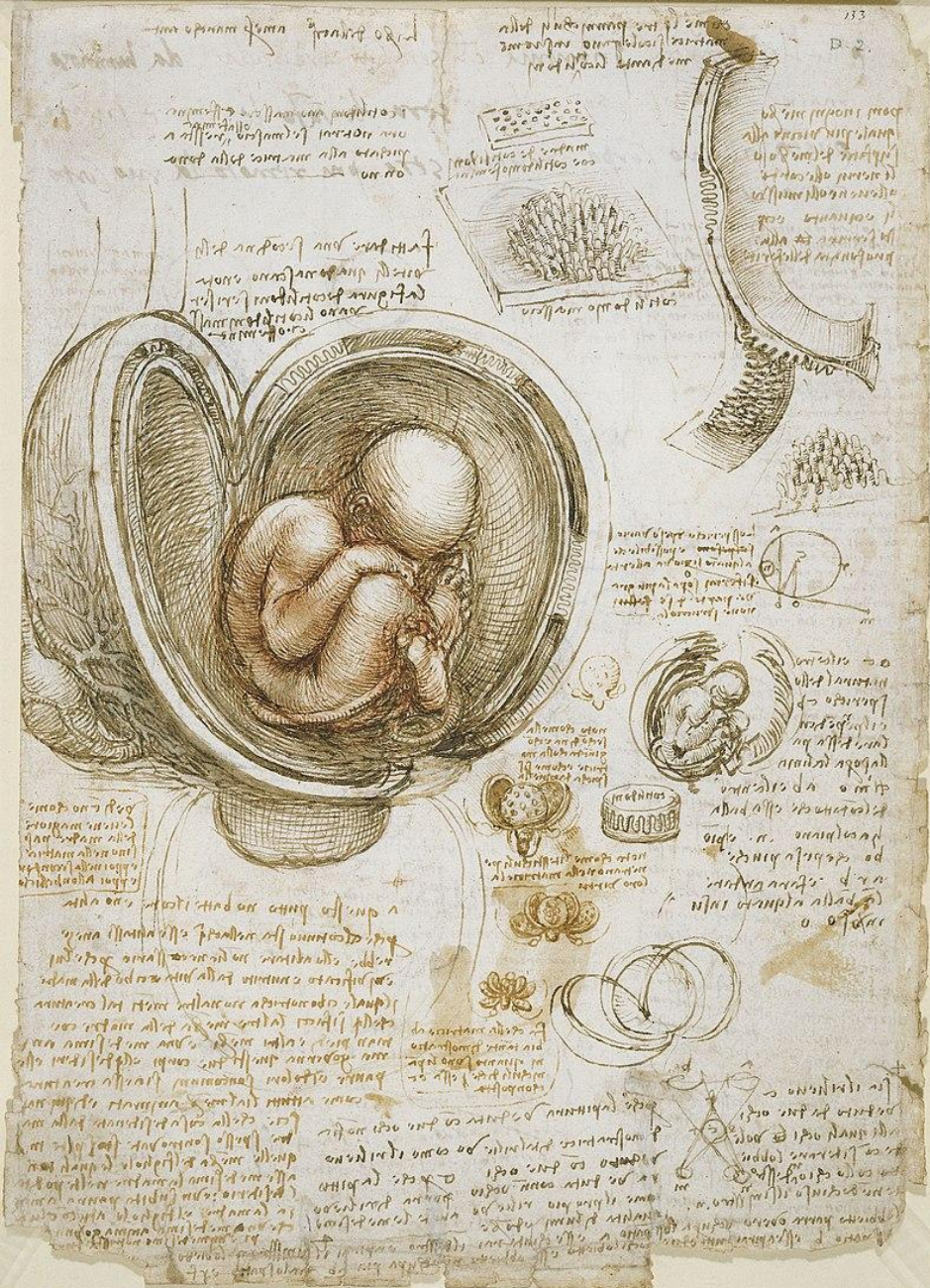


DESENHO

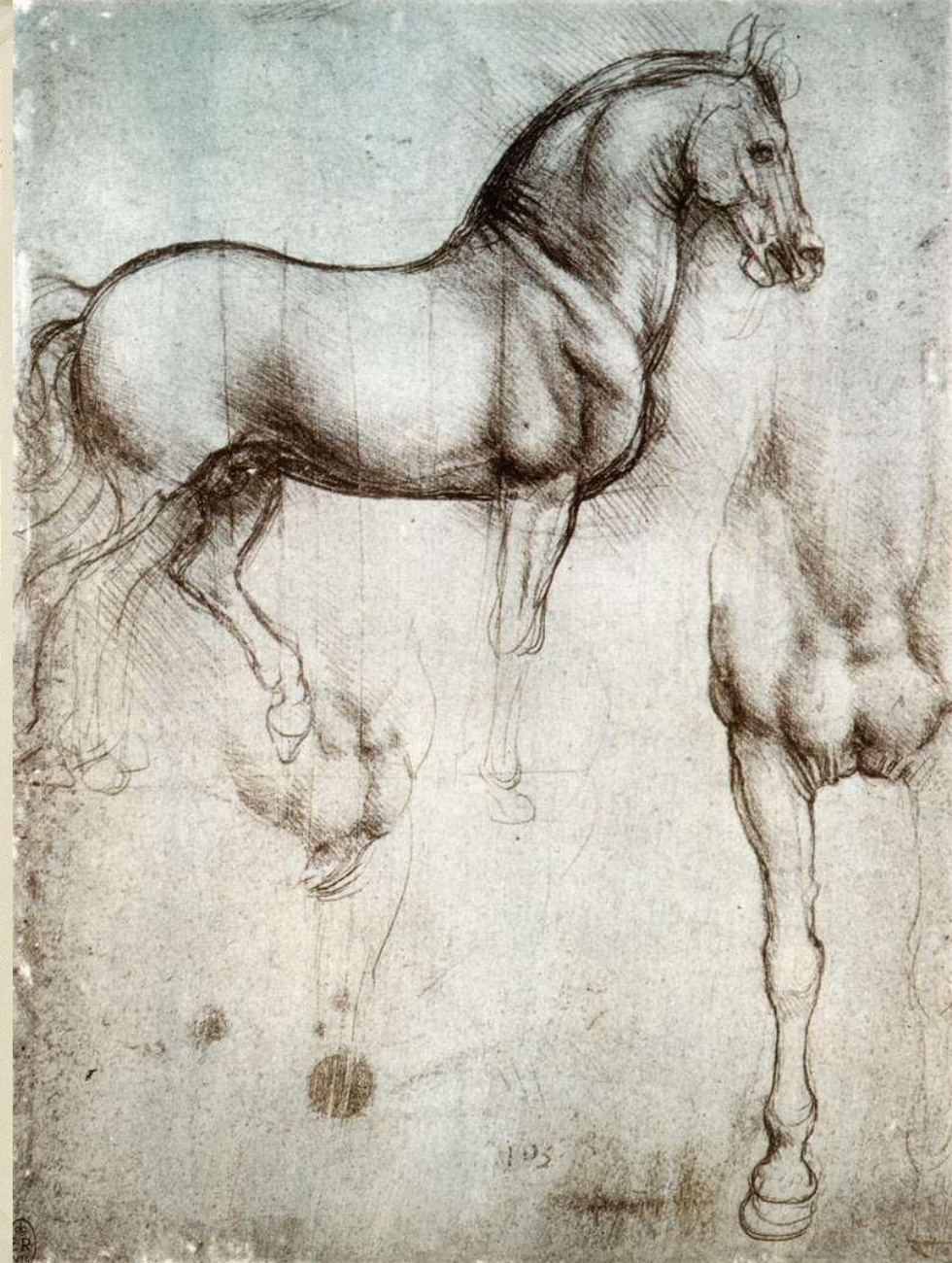
- Linguagem para técnica
- Linguagem para arte

Leonardo da Vinci desenhou como técnico e como artista.





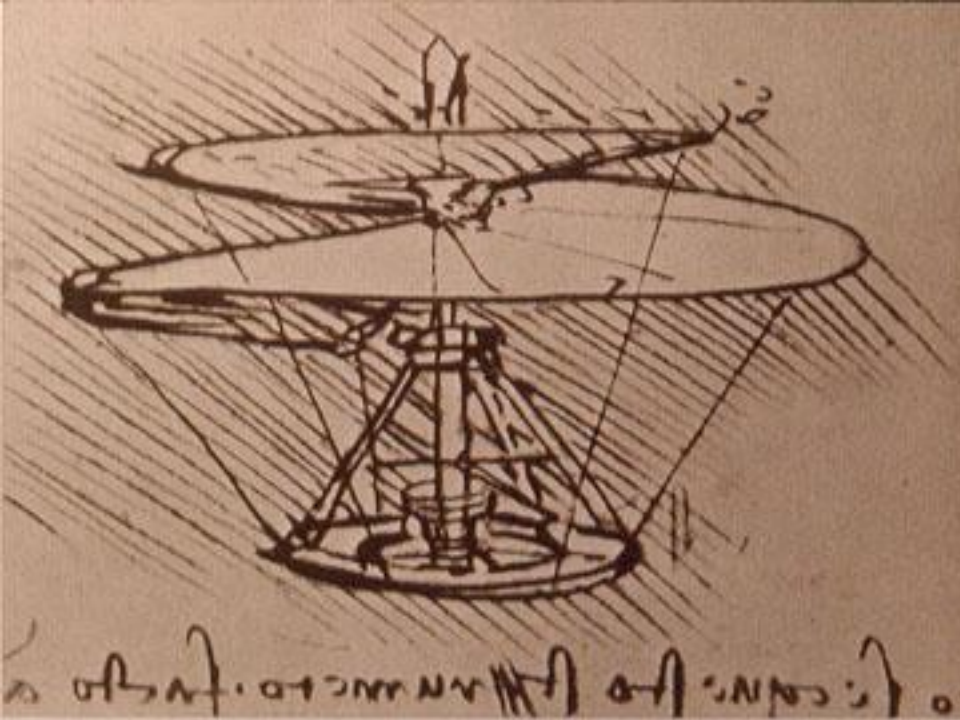
Estudos de embriões (1510–1513) retrata imagens impossíveis de se ver na época.



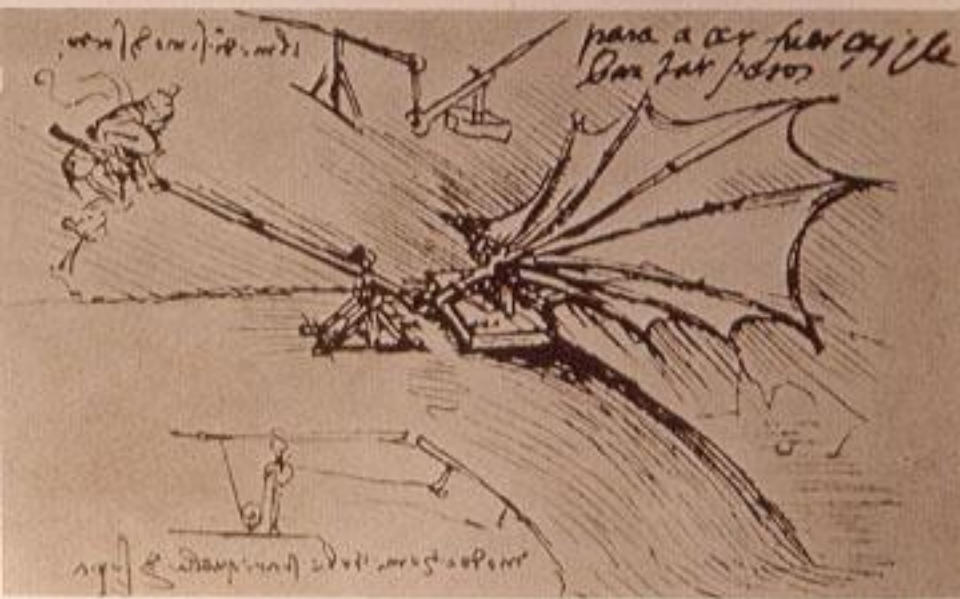
Estudo de um cavalo, dos diários de Leonardo — Royal Library, Castelo de Windsor



Mapa de imola, Italia, Leonardo Da Vinci 1502



<https://www.youtube.com/watch?v=2gEwEcYnewE#action=share>



<iframe width="560" height="315"
src="https://www.youtube.com/embed/2gEwEcYnewE" frameborder="0"
allow="accelerometer; autoplay;
encrypted-media; gyroscope;
picture-in-picture" allowfullscreen></iframe>

Modelos de máquinas voadoras planejados por Leonardo



Handwritten text in a cursive script, likely a description or note related to the device above.

Handwritten text in a cursive script, likely a description or note related to the device below.



Handwritten text in a cursive script, likely a description or note related to the device above.

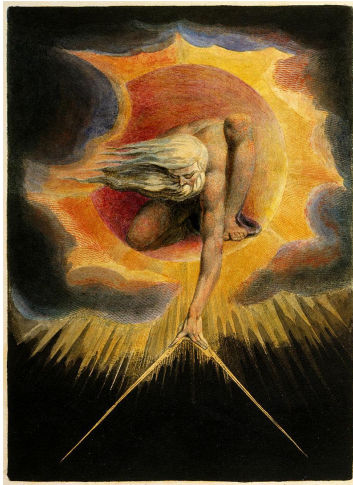


Handwritten text in a cursive script, likely a description or note related to the device above.

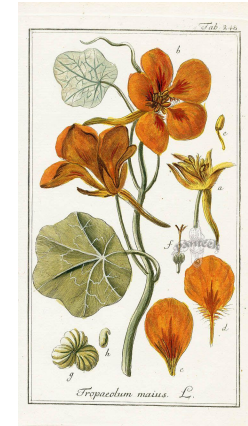


Funções comunicativas do desenho:

- Ilustrativa /expressiva



- Taxonômica

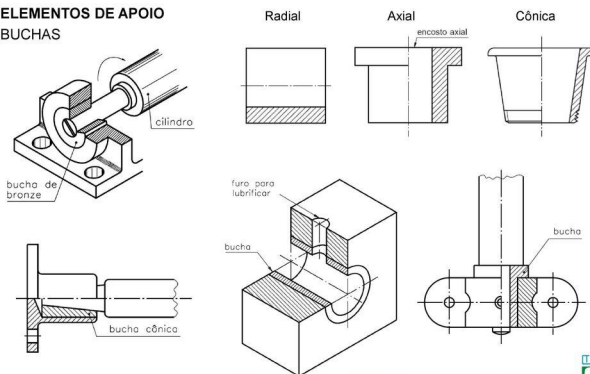


- Diagramas



- Operativa

ELEMENTOS DE APOIO
BUCHAS



Desenho Técnico Mecânico



- Sinalética



Illustrativa / espressiva



THE ENRAGED MUSICIAN.

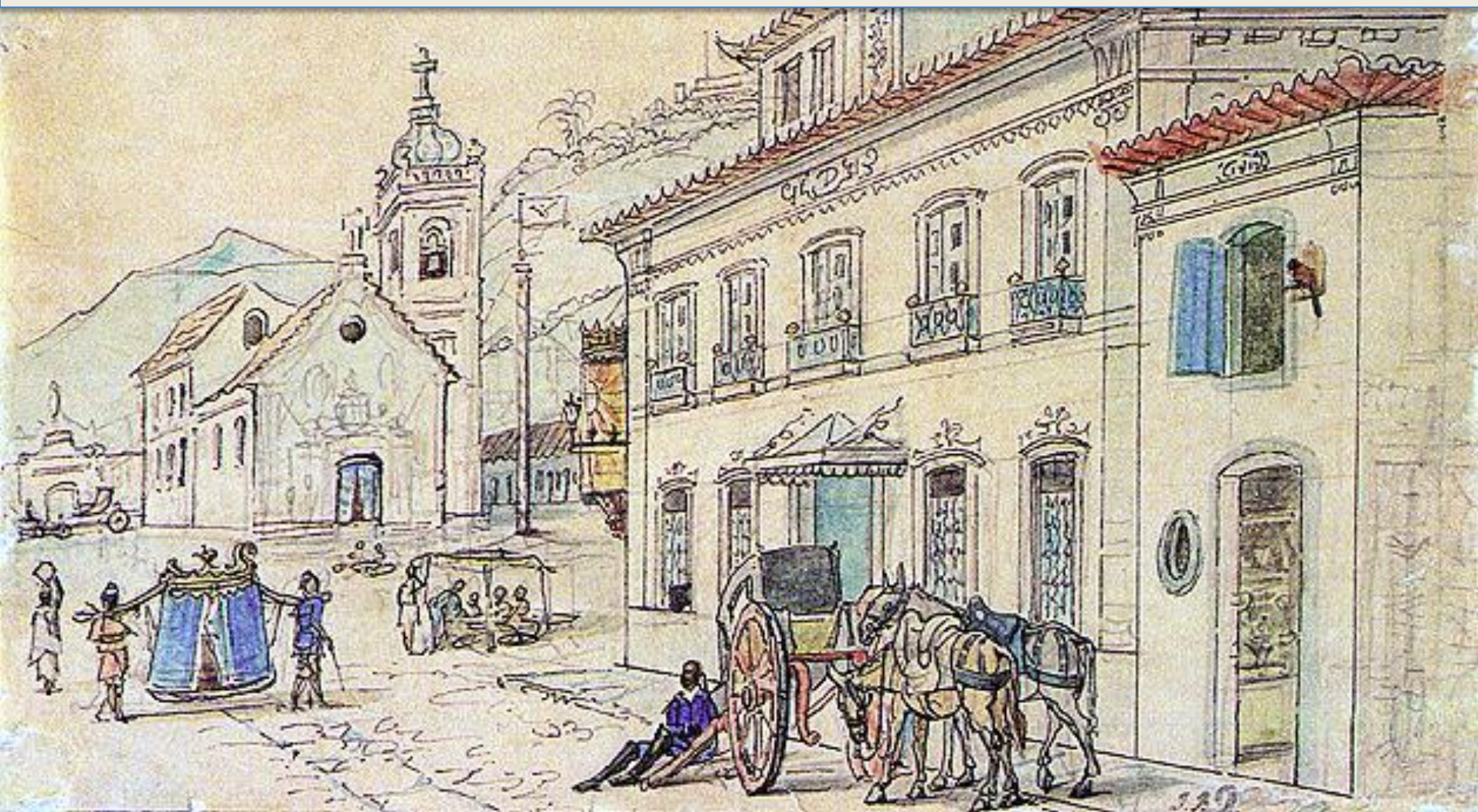
William
Hogarth
The
Enraged
Musician
1741
Tate

Illustrativa / espressiva



Blake's Newton (1795) demonstrates his opposition to the "single-vision" of scientific materialism: Newton fixes his eye on a compass (recalling Proverbs 8:27, an important passage for Milton)[89] to write upon a scroll that seems to project from his own head.

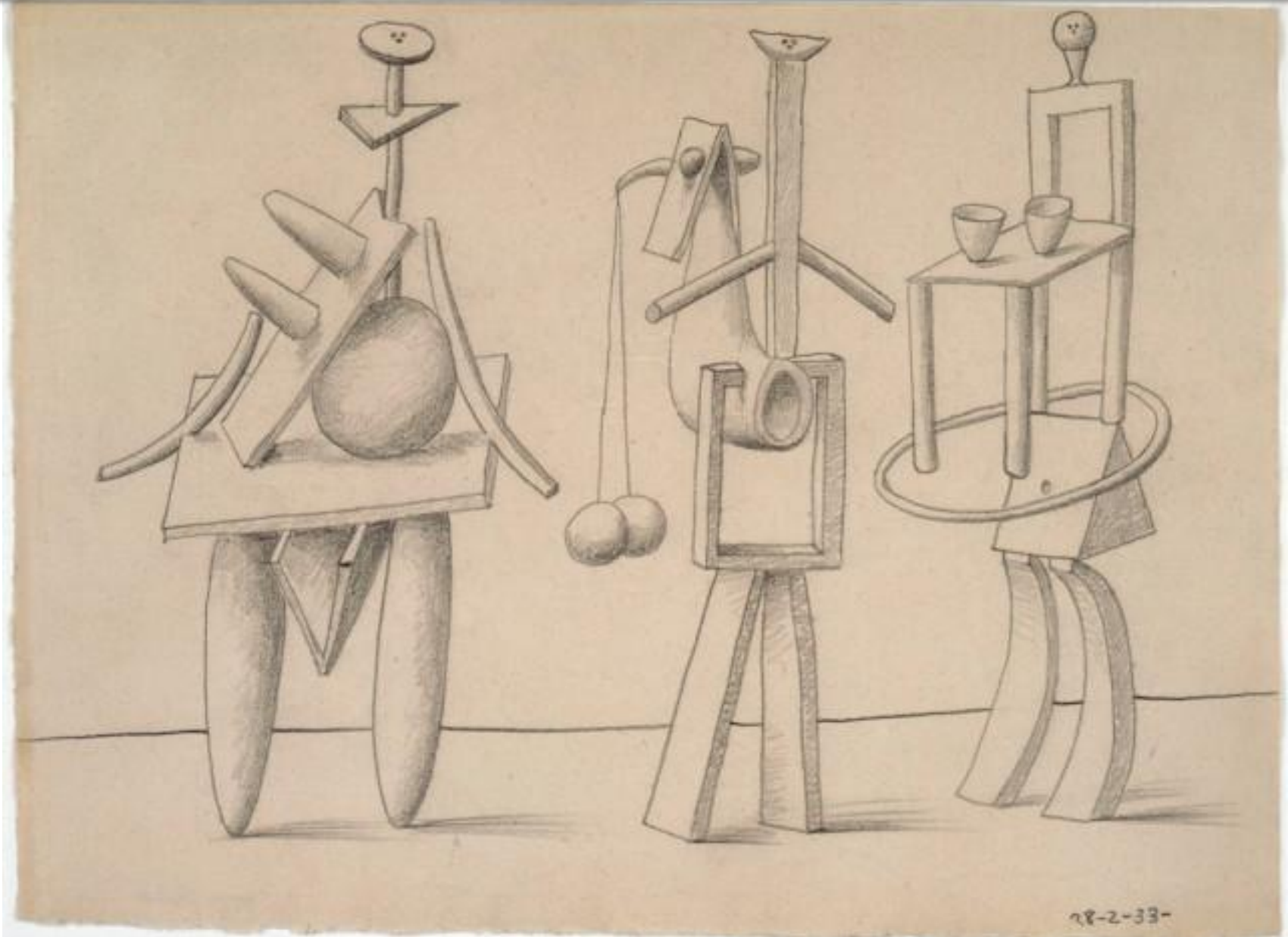
Ilustrativa / expressiva



Jean-Baptiste Debret 1818-1831

CASARIO . In: ENCICLOPÉDIA Itaú Cultural de Arte e Cultura Brasileiras. São Paulo: Itaú Cultural, 2020. Disponível em: <<http://enciclopedia.itaucultural.org.br/obra61586/casario>>. Acesso em: 29 de Fev. 2020. Verbete da Enciclopédia. ISBN: 978-85-7979-060-7

Illustrativa / espressiva



Drawing from 1930 titled An Anatomy: Three Women, in the Musee Picasso Paris

Technical drawings of the Tatra T815 truck chassis, showing dimensions in millimeters (mm) and degrees (°).

Side View Dimensions:

- Overall height: 2740
- Front wheel offset: 1492
- Wheelbase: 3525
- Rear wheel offset: 1400
- Overall length: 7490
- Front wheel steering angle: 75°
- Front wheel offset (ground to center): 580
- Rear wheel offset (ground to center): 260
- Rear wheel track width: 1450
- Front wheel track width: 2010
- Front wheel steering angle: $\pm 15^\circ$
- Front wheel offset (ground to center): 75
- Front wheel track width: 2500

Front View Dimensions:

- Overall width: 2010
- Overall width (including fenders): 2500

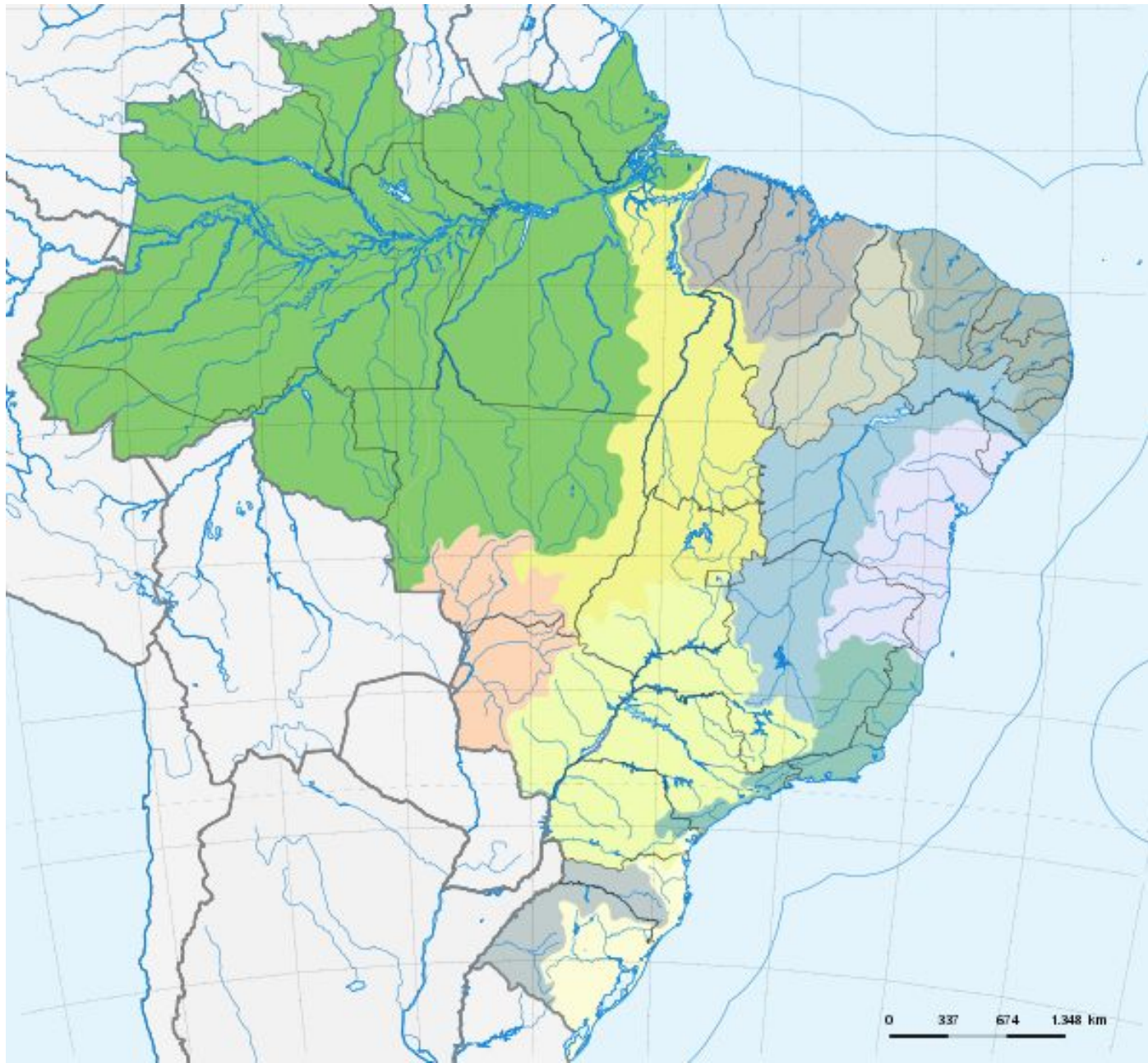
Rear View Dimensions:

- Overall height: 2820
- Front wheel offset: 2592
- Wheelbase: 4150
- Rear wheel offset: 2740
- Overall length: 7490
- Rear wheel track width: 1450
- Rear wheel offset (ground to center): 260
- Rear wheel track width: 1400
- Rear wheel offset (ground to center): 580
- Rear wheel steering angle: 75°
- Rear wheel offset (ground to center): 260
- Rear wheel track width: 1450
- Rear wheel steering angle: $\pm 15^\circ$
- Rear wheel offset (ground to center): 75
- Rear wheel track width: 2500

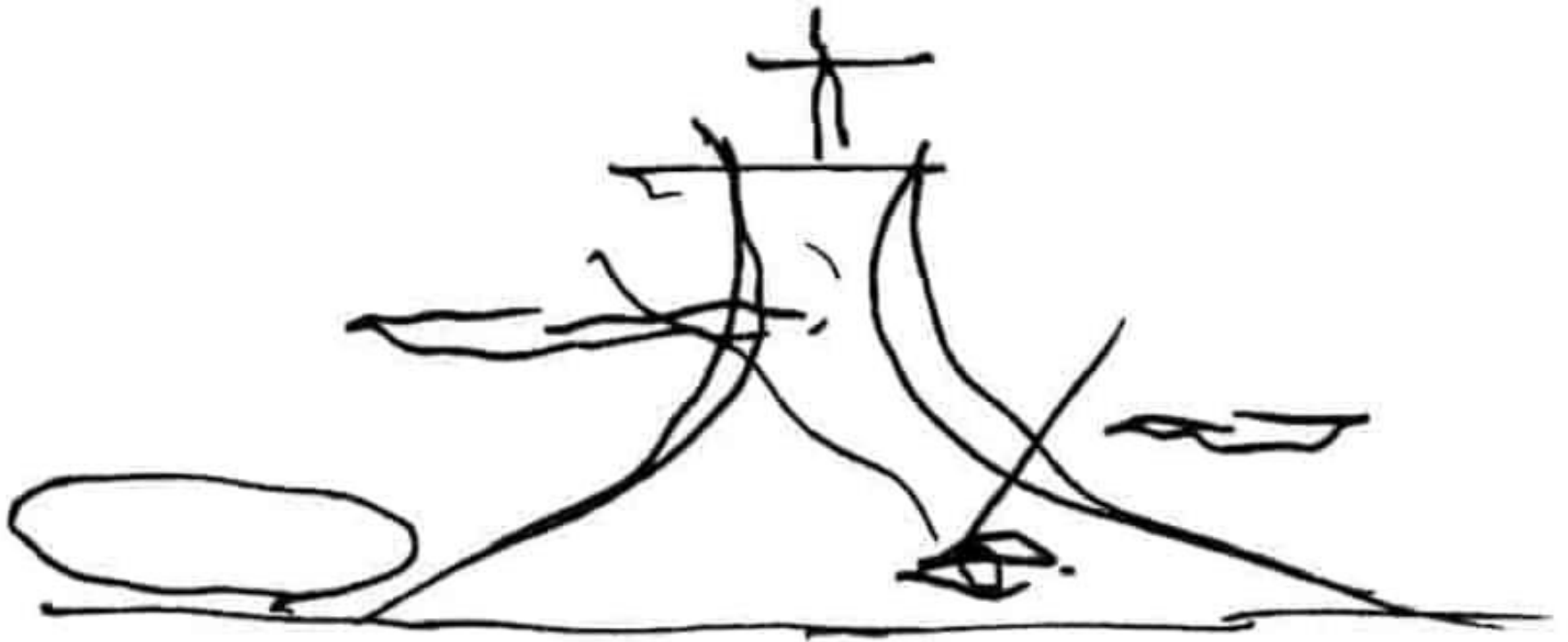
Other Dimensions:

- Rear wheel track width: 2010
- Rear wheel offset (ground to center): 260
- Rear wheel track width: 1450
- Rear wheel offset (ground to center): 580
- Rear wheel steering angle: 75°
- Rear wheel offset (ground to center): 260
- Rear wheel track width: 1400
- Rear wheel offset (ground to center): 580
- Rear wheel steering angle: $\pm 15^\circ$
- Rear wheel offset (ground to center): 75
- Rear wheel track width: 2500

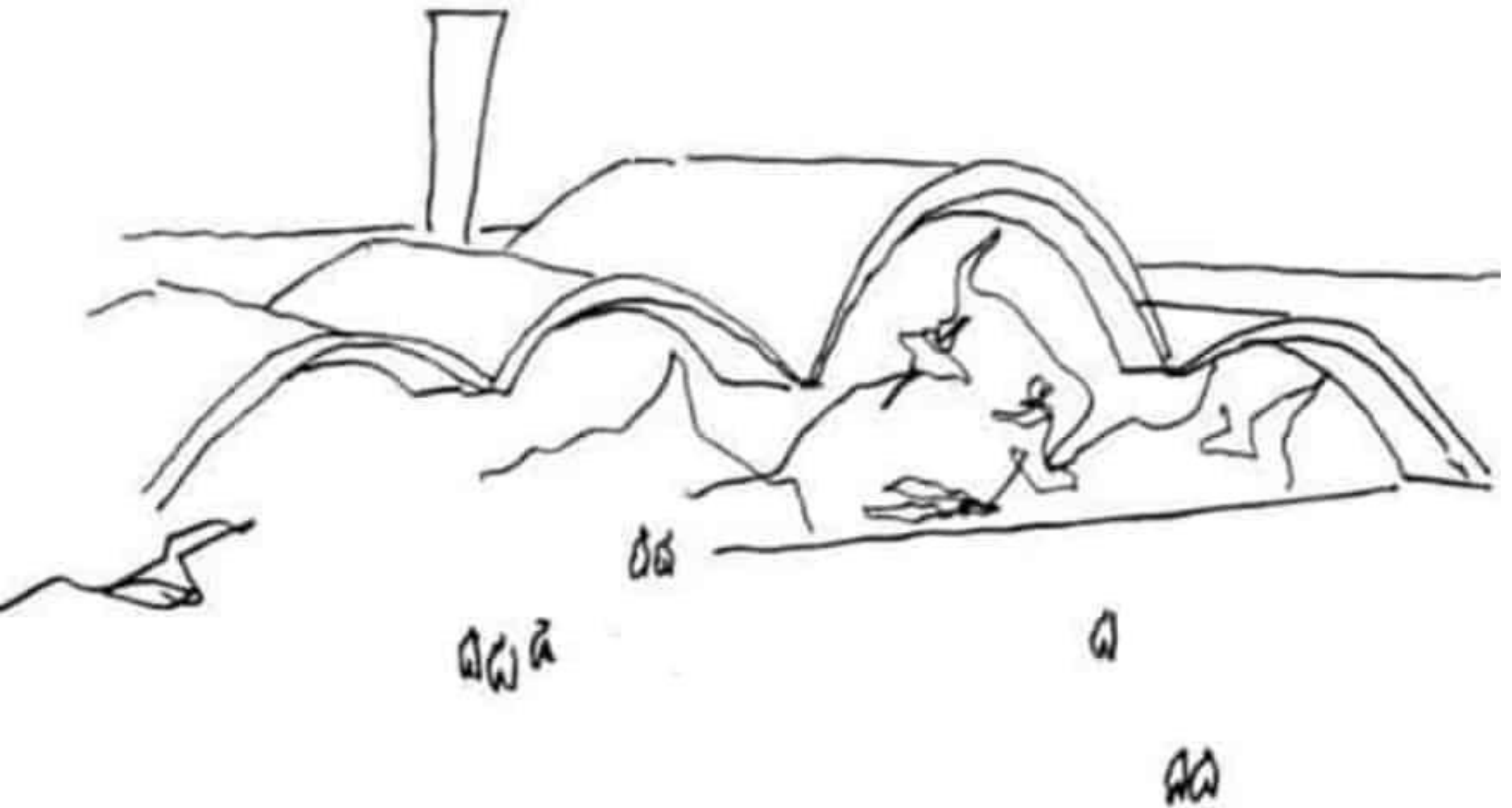
operativa



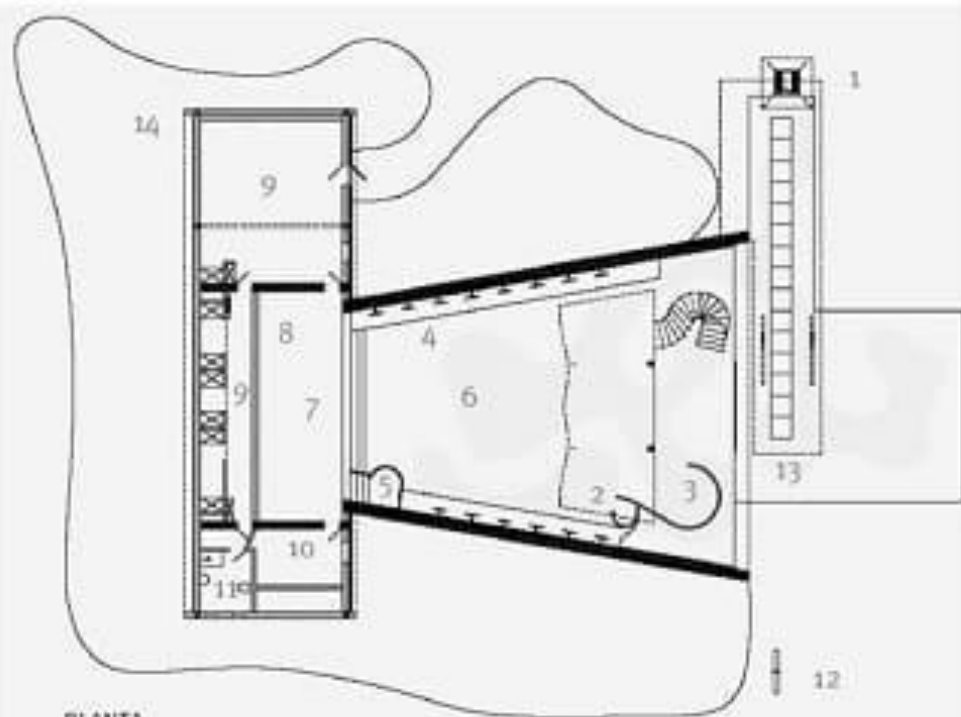
operativa



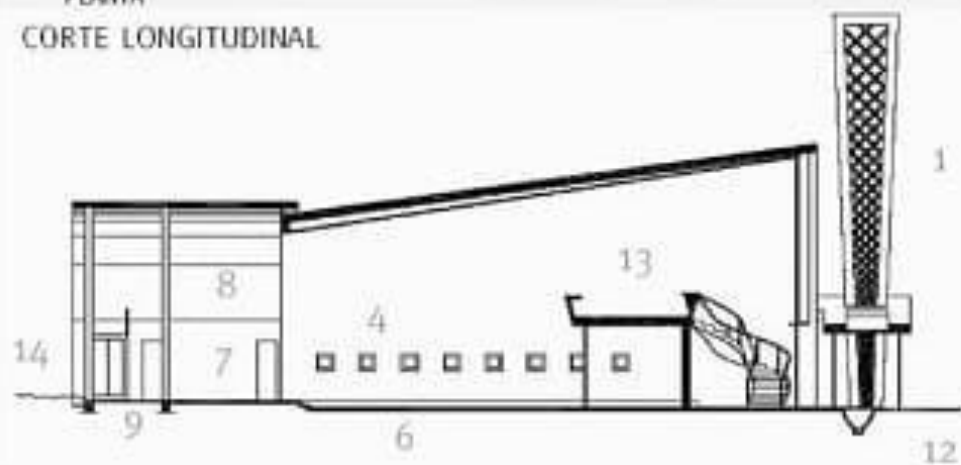
operativa



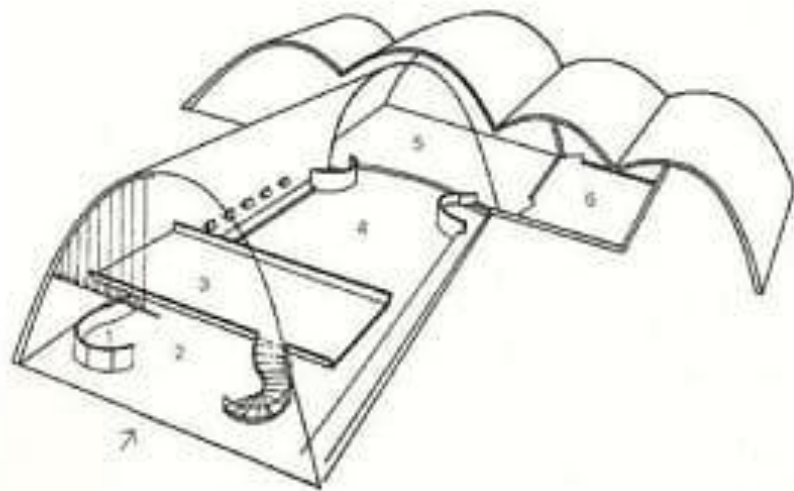
Projeto

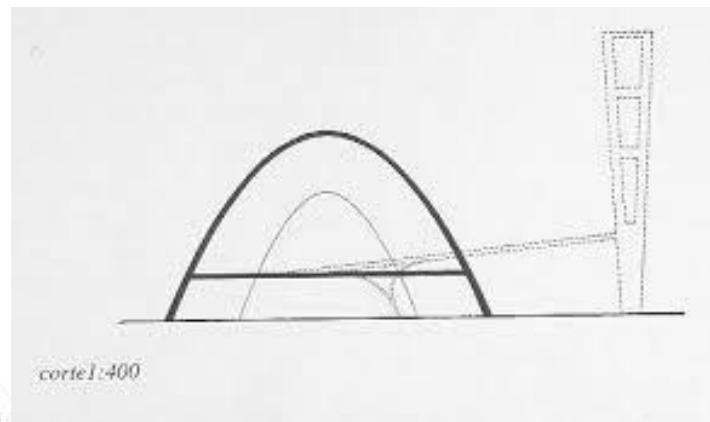
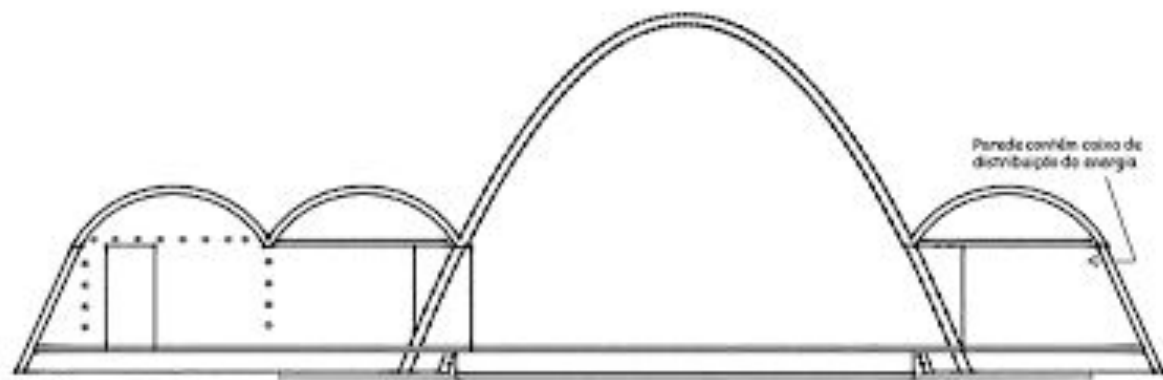
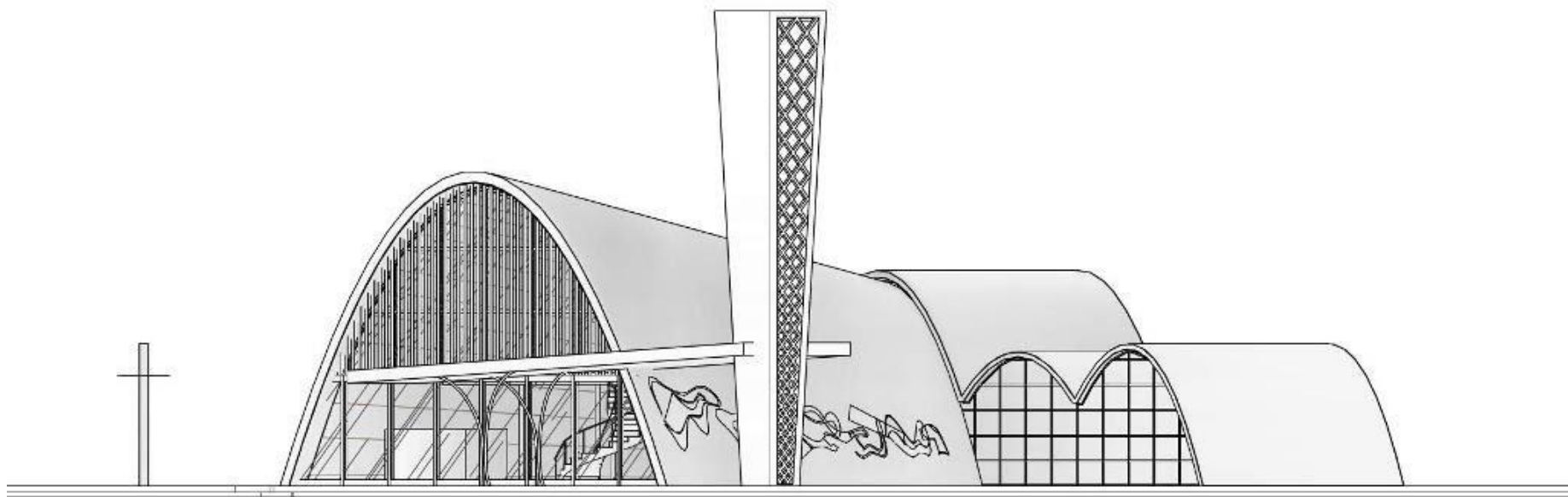


PLANTA
CORTE LONGITUDINAL



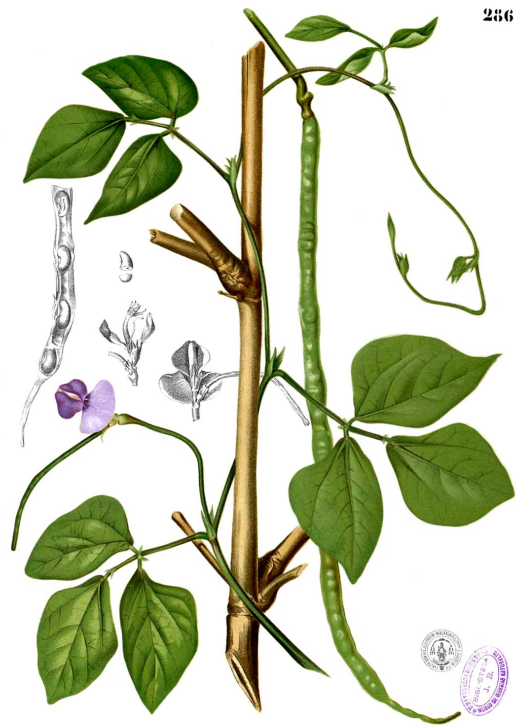
1. Campanário
2. Batistério (bronze de Ceschiatti)
3. Confessionário
4. Painéis paixão de Cristo (Portinari)
5. Púlpito
6. Nave
7. Altar
8. Afresco (Portinari)
9. Sacristia
10. Padre
11. Sanitário
12. Cruzeiro
13. Iluminação de piso
14. Mural em azulejos







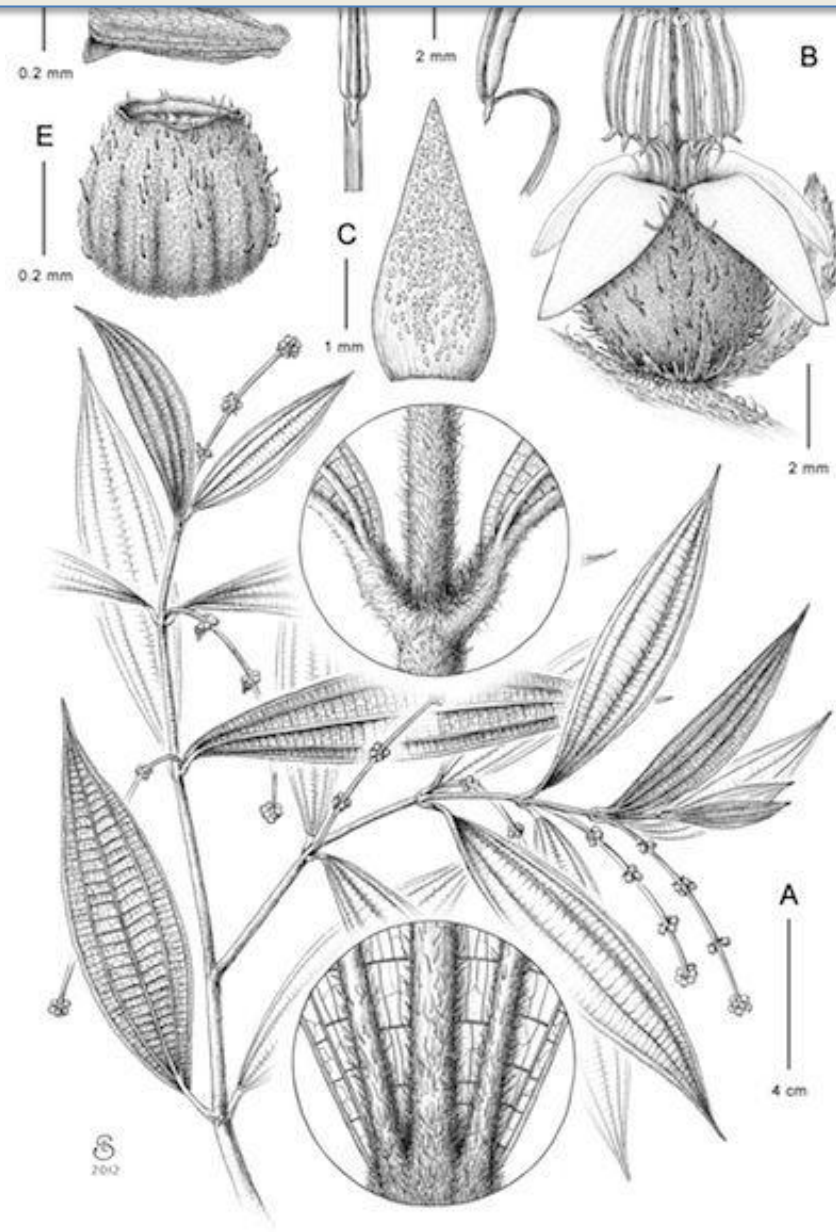
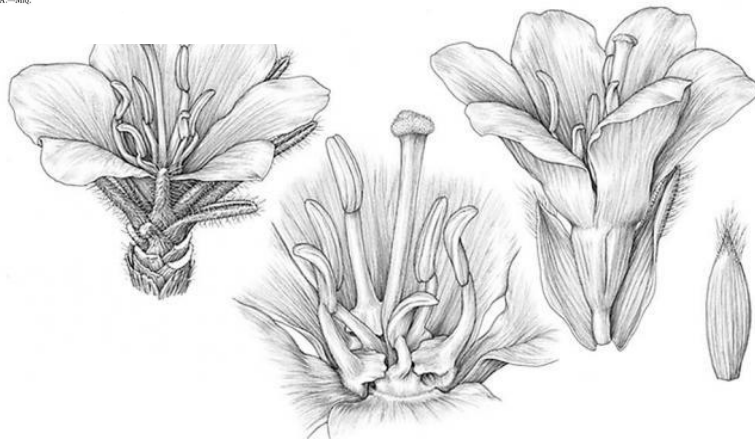
taxonômica



DOLICHOS SESQUIPEDALIS.—LUNN.—Blanco.—DC.
VIGNA SINENSIS.—SWE.—Miq.
 VAR. *ELONGATA*.—Miq.

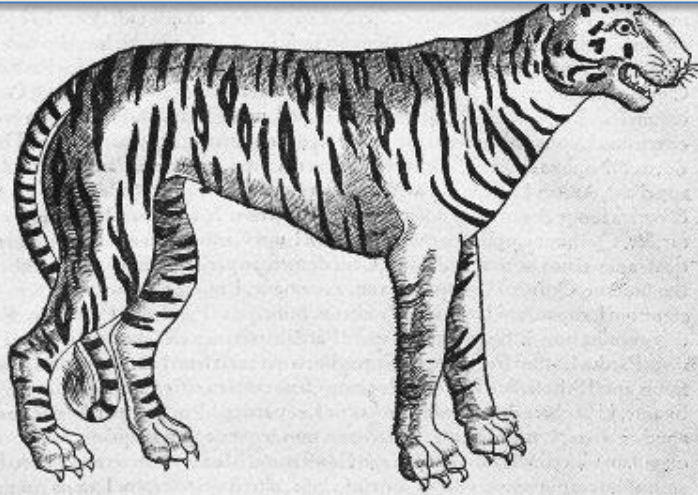
Marbury

Dr C. Hartweg, Berlin



8
2012

taxonômica



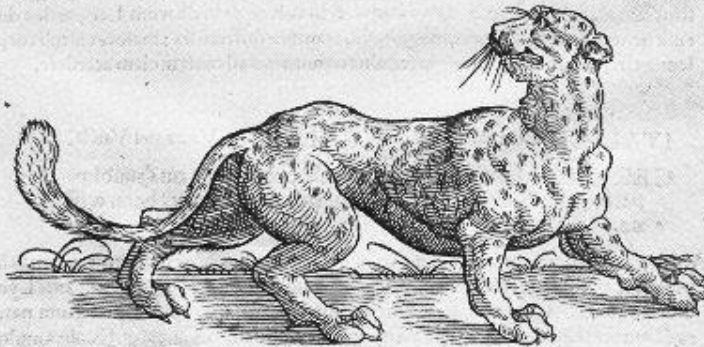
est Onagris, animal perniciosissimum, pelle maculosa, colore cinereo. Huius generis fere Romæ in Theatro exhibita sunt currum trahentes agente auriga, mirabili spectaculo; & talis currus (Tigris iunctus) regiam sponsam uexit.

LATINE Panthera, Pardalis, Vania, Africana, Leopardus, Pardum Plinius à Panthera sexu tantum differre putat, quanquam dubitat.

ITALICE Leonpardo.

GALLICE Leopard.

GERMAN. Leppard. Sind klein vnd groß. Vide sequentes duas figuras.

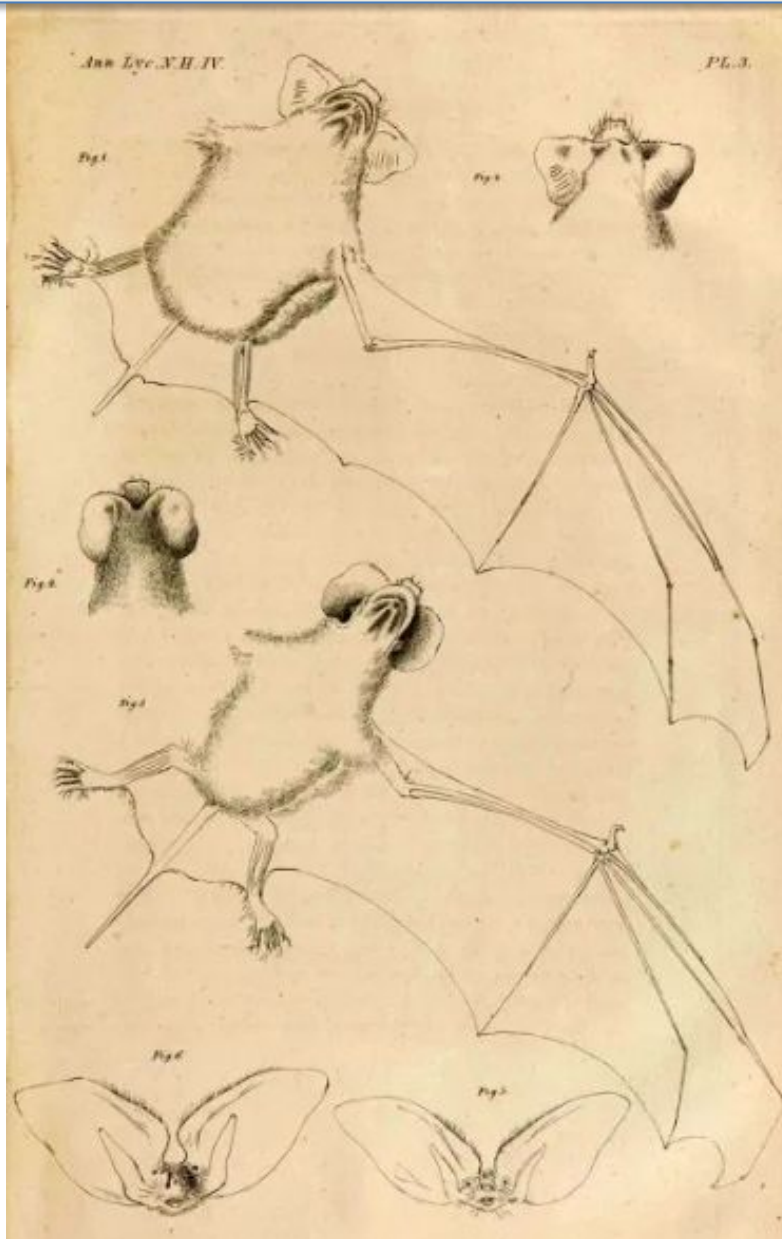


Pardalium duplex genus est, inquit Oppianus, sunt enim alia maiores, sed cauda minore, alia minores, cauda maiore, robore non inferiores. Eandem coloris varij, & figura corporis speciem similitudinemque ambæ, præter caudam, gerunt, &c. Alnus mer (inquit Andreas Bellunensis) est animal minus Lynce, id est, Lupo ceruario,

Tiger and leopard, Book 1: Viviparous Quadrupeds

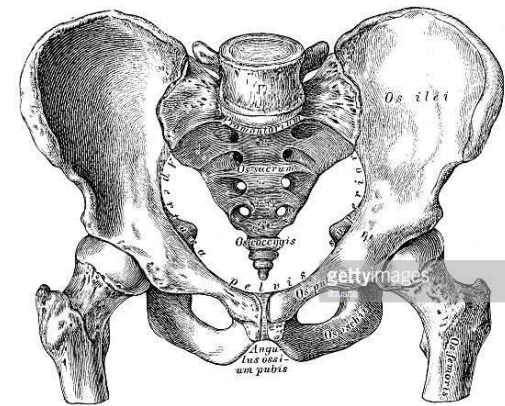
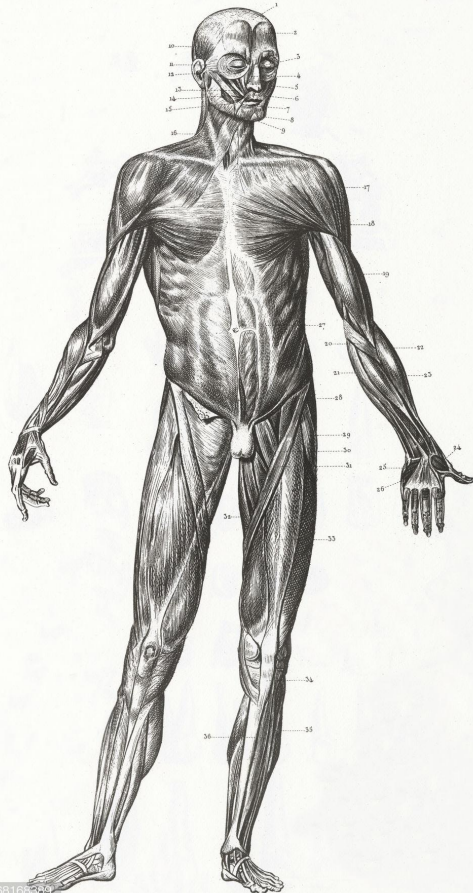
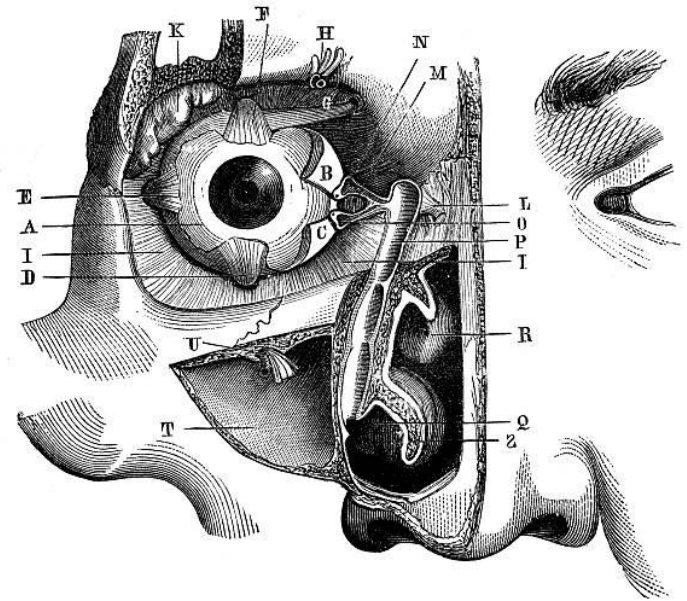
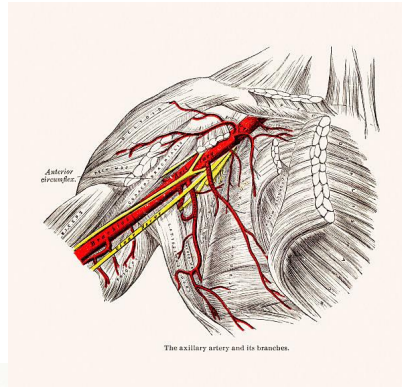
Conrad Gesner 1516-1565, aut. du texte - Bibliothèque nationale de France

taxonômica



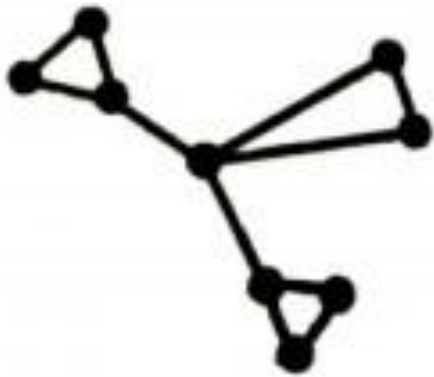
Woodcut from Conrad Gessner's, *Historiae Animalium*, Vol. 3, 1555,

taxonômica



https://www.gettyimages.pt/detail/ilustra%C3%A7%C3%A3o/surgical-operations-engraving-ilustra%C3%A7%C3%A3o-royalty-free/471794937?adppopup=true&uiloc=thumbnail_same_series_adp&uiloc=thumbnail_similar_images_adp

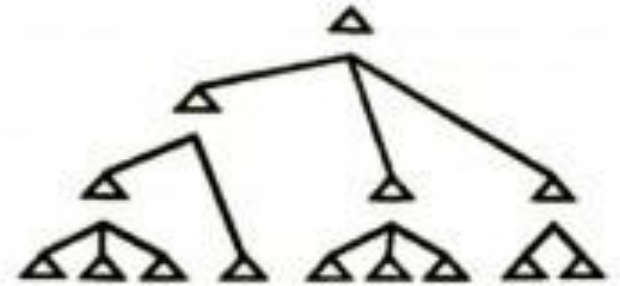
diagramas



Mostra os requisitos e suas relações

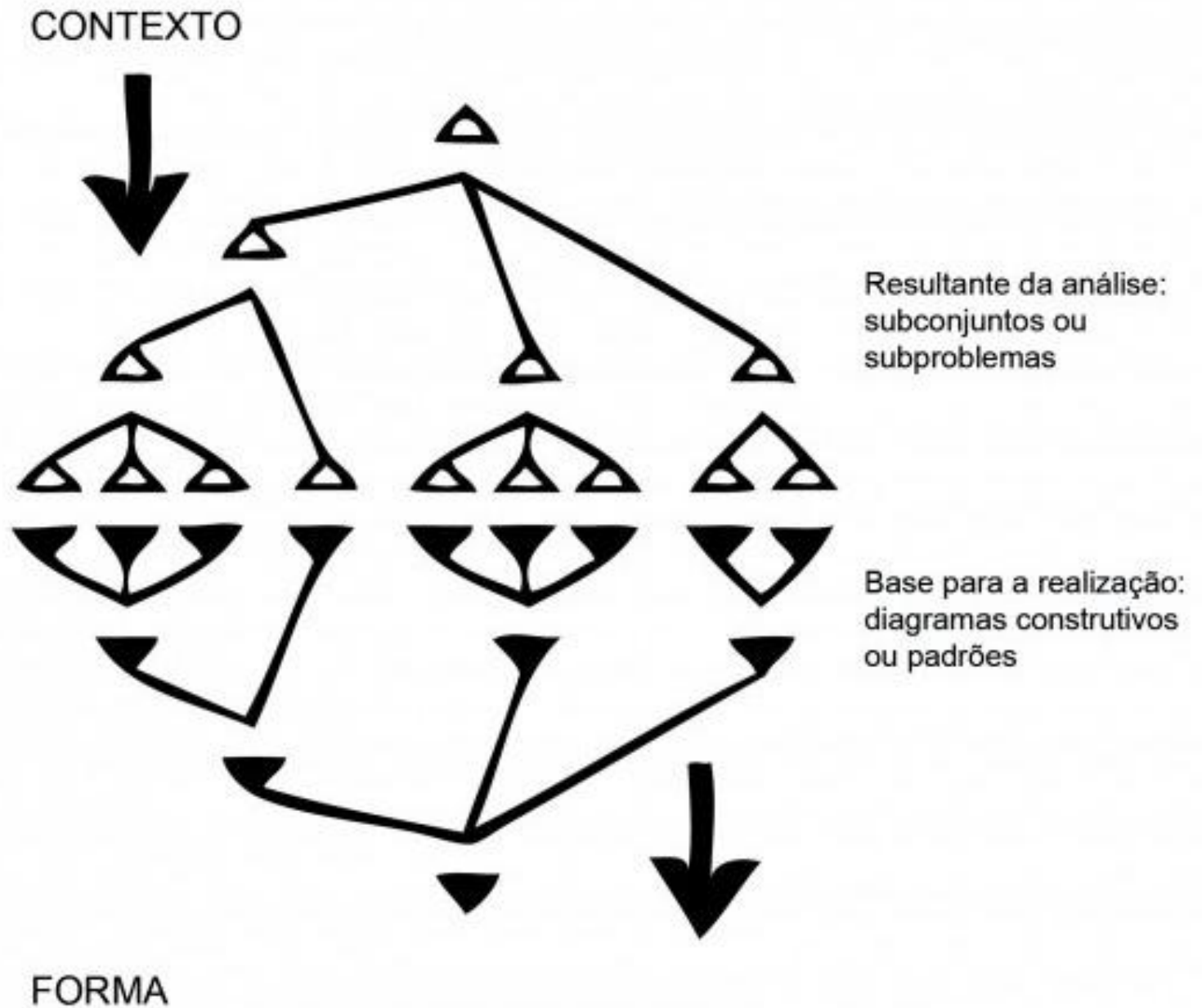


Agrupar os requisitos por suas relações



Apresenta o mesmo conjunto de agrupamentos em um gráfico de árvore

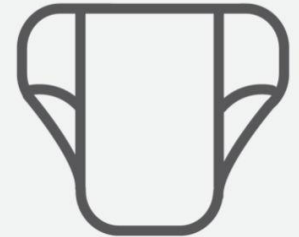
diagramas





gettyimages®
FingerMedia

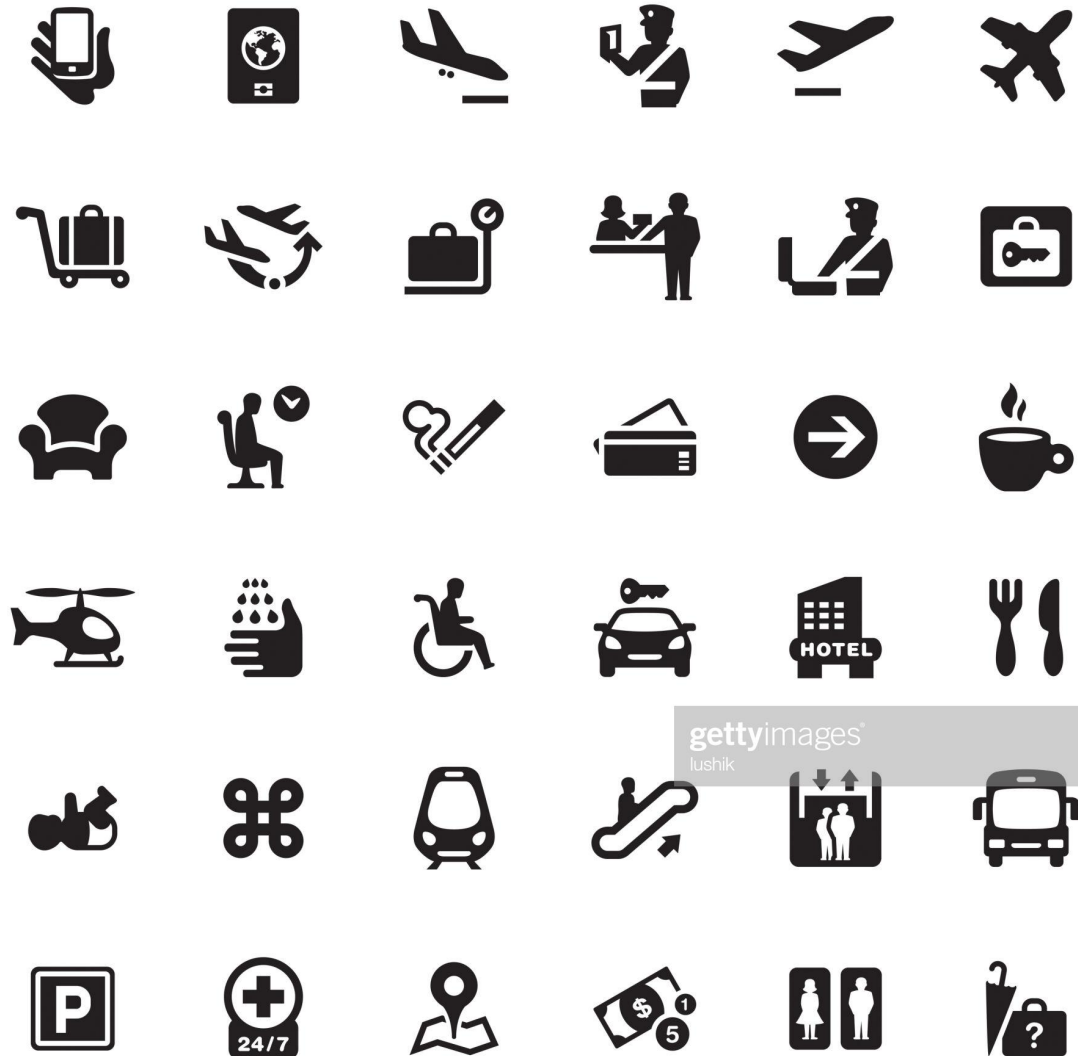
sinalética



sinalética



sinalética

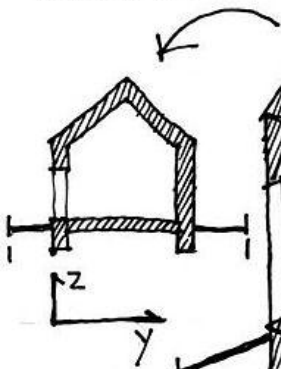


gettyimages[®]
lushik

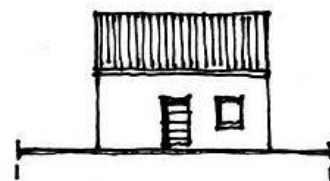
sinalética



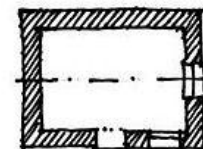
VUE EN COUPE
EN PROJECTION
ORTHOGONALE



VUE EN ÉLEVATION
EN PROJECTION ORTHOGONALE

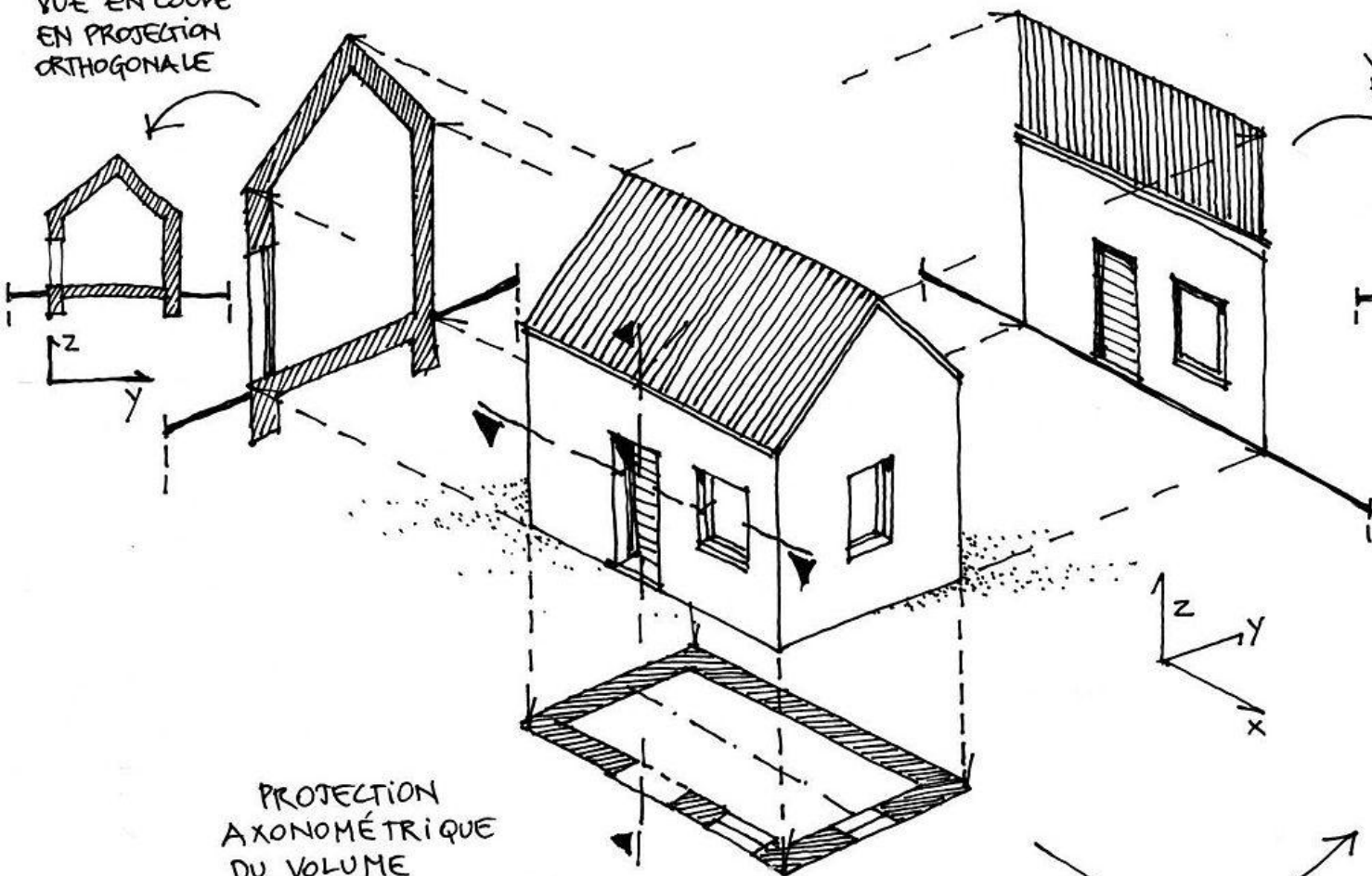


SYSTÈME
D'AXES ORTHOGONAUX



VUE DU PLAN
EN PROJECTION ORTHOGONALE

PROJECTION
AXONOMETRIQUE
DU VOLUME
ET REPRÉSENTATION DU PLAN
D'UNE COUPE
ET D'UNE ÉLEVATION
DANS LE MÊME SYSTÈME D'AXES (x, y, z)



Considerações

- Desenho sinal que descreve e explica um mundo de fenômenos
- Variedade dos processos mentais que o desenho conseguiu adotar e resultados cognitivos
- Diversidade técnica para diferentes resultados expressivos, funcionais e comunicativos

O desenho (...) cria por meio de traços convencionais, os finitos de uma visão, de um momento, de um gesto. (...) É uma arte intelectual. (...) Enquanto houver pensamento haverá desenho”.

Mário de Andrade

