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seeing the
invisible



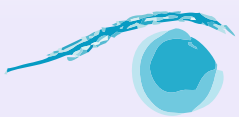
Classical architecture: Greek orders and temples

OPER ADAPTED TO STUDENTS WITH LOW VISION



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du VELAY

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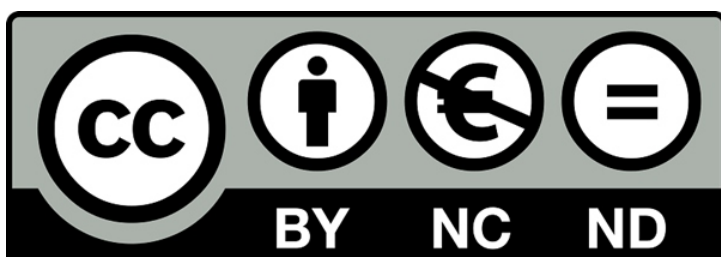
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Overview

This is a learning situation in OER format (Open Educational Resource) that provides a series of materials to facilitate students with low or no vision an approach to the forms and typologies of the temples and classical orders. Plans of various types of classical temples are provided, as well as well-contrasted drawings and with indication of various elements of the elevations of classical temples.

Materials are presented in English and English Braille.

Objectives

Know the basic structures of classical temples.

Understand the differentiating elements of classical orders.

Key competences

Social and civic competences.

Basic knowledge

Strategies for information search, collaboration and communication of processes and results.

Recognition of reliable sources of information.

Evaluation criteria

Develop strategies to seek and supplement information.

Use of digital tools to search for information.

Understand and know the orders of classical architecture.

Understand the components of classical orders.

Understand and know the basic typologies of construction of classical temples.

User Guide



The materials provided here can be printed both in ink (for students with low vision) and by furnace for students with zero vision. In the first case, the size of the writing is adapted to be perceived clearly by students with low vision. Braille materials allow printing in a fuser oven to be able to have them in relief, using a normal printer and the special paper for this type of oven.

Recommendations

The printing process can become part of the student activity.

In addition to the materials provided, students can be asked to work on new ones both to draw them, and simply to show them to the rest of the classmates. These new materials/activities may refer to variations in the classical orders, such as in the structures of their buildings as in concrete examples of both classical and contemporary architecture designed according to classical parameters. In this way, they will be able to develop skills related to the search and processing of information, and where appropriate adaptation for colleagues with low vision.

The classroom can be divided into working groups that are responsible for various search fields. In any case, they must understand the overall idea.

Methodological aspects

In the realization of these materials we have taken into account the pedagogical methodologies, which must also be taken into account in their implementation:

Learning by doing: learning by building models.

Challenge-Based Learning (ABR): problem solving by posing challenges to obtain an end result.

Peer tutoring: in the heterogeneous groups of students that are formed, coordinated work will be done so that some students can tutor others.

Cooperative learning: developed with the common goal that



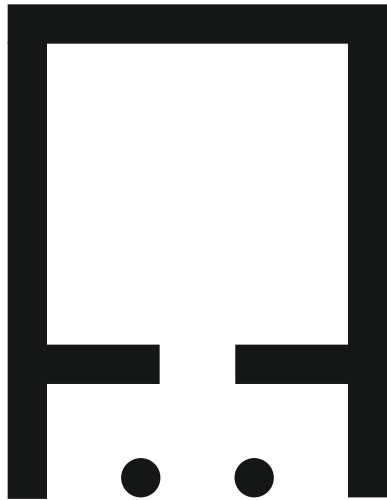
everyone learns and acquires new competencies while benefiting from the exchange of ideas and skills.

Timing

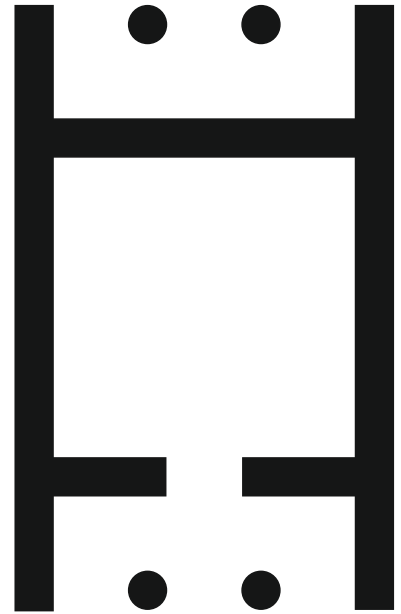
The timing from the materials of this OER, can occupy from a minimum of one session of one hour that allows the reflection and knowledge of elements and structures, to several sessions depending on the complementary activities that may arise in the search and presentation of complementary materials (exemplifying constructions, other typologies of classical constructions, variations in classical orders, etc.)



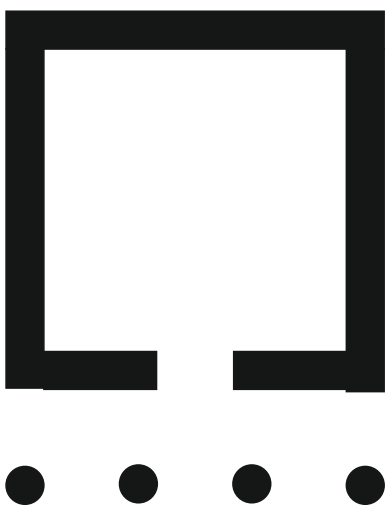
Typology of Greek temples based on their plan



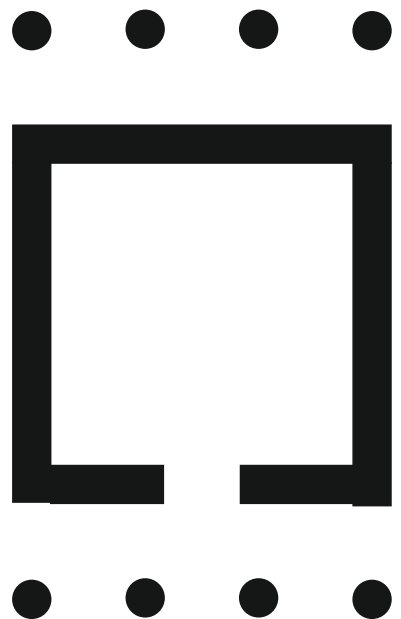
In antis



Double in antis



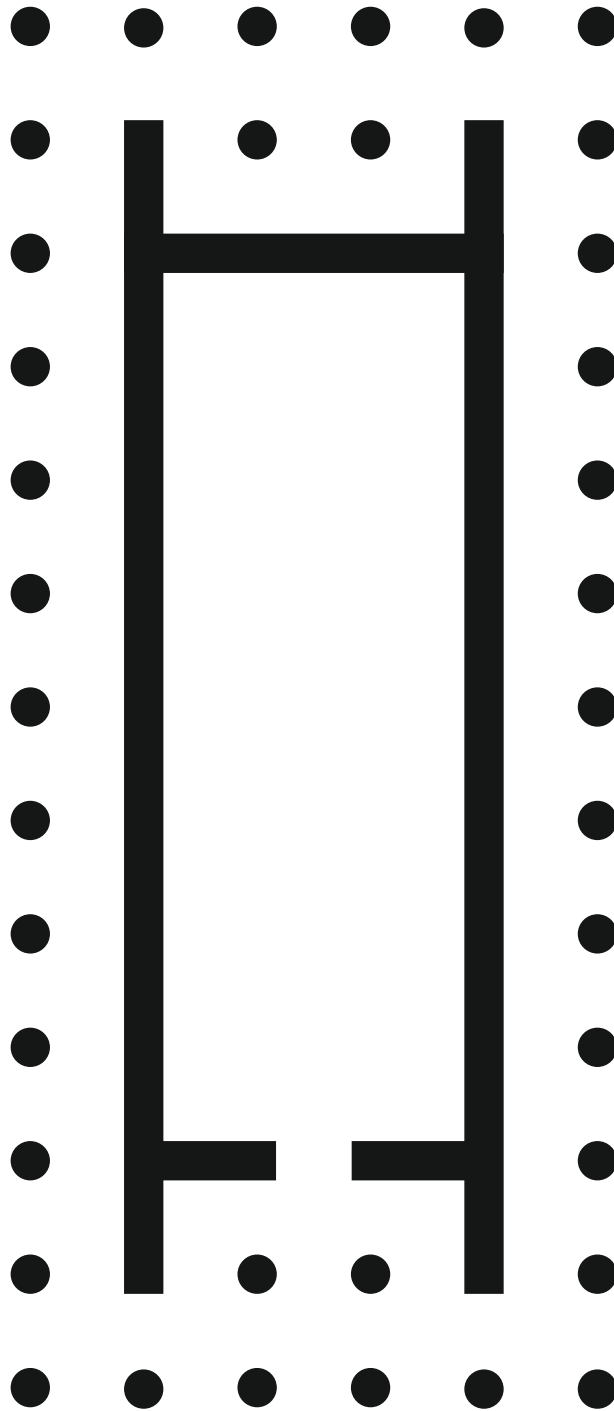
Prostyle



Amphiprostyle



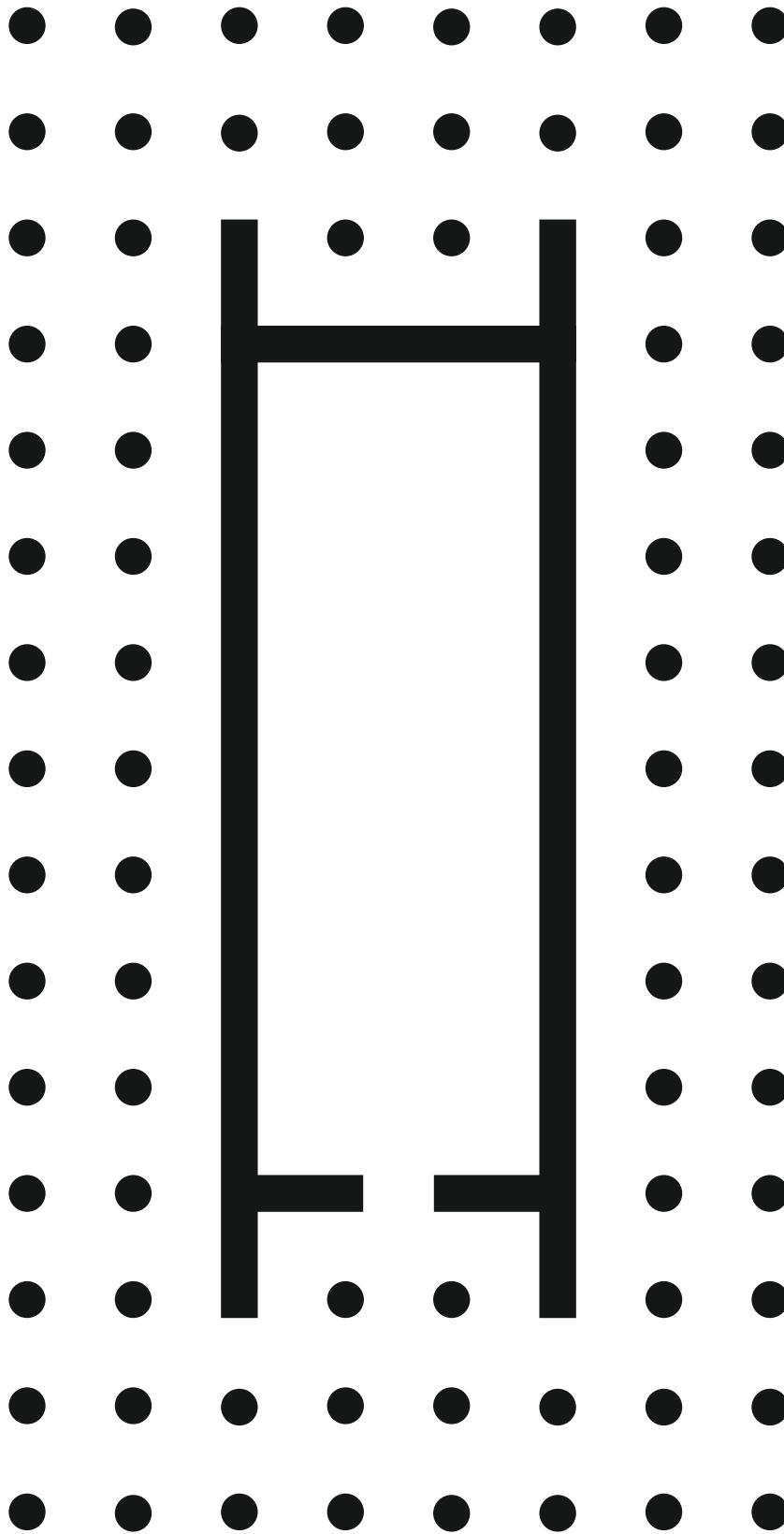
Typology of Greek temples based on their plan



Peripteral



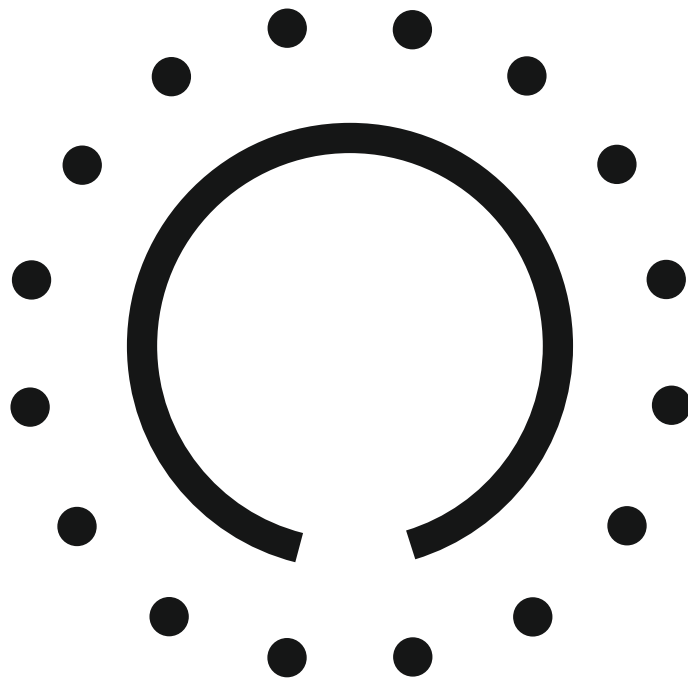
Typology of Greek temples based on their plan



Dipteral



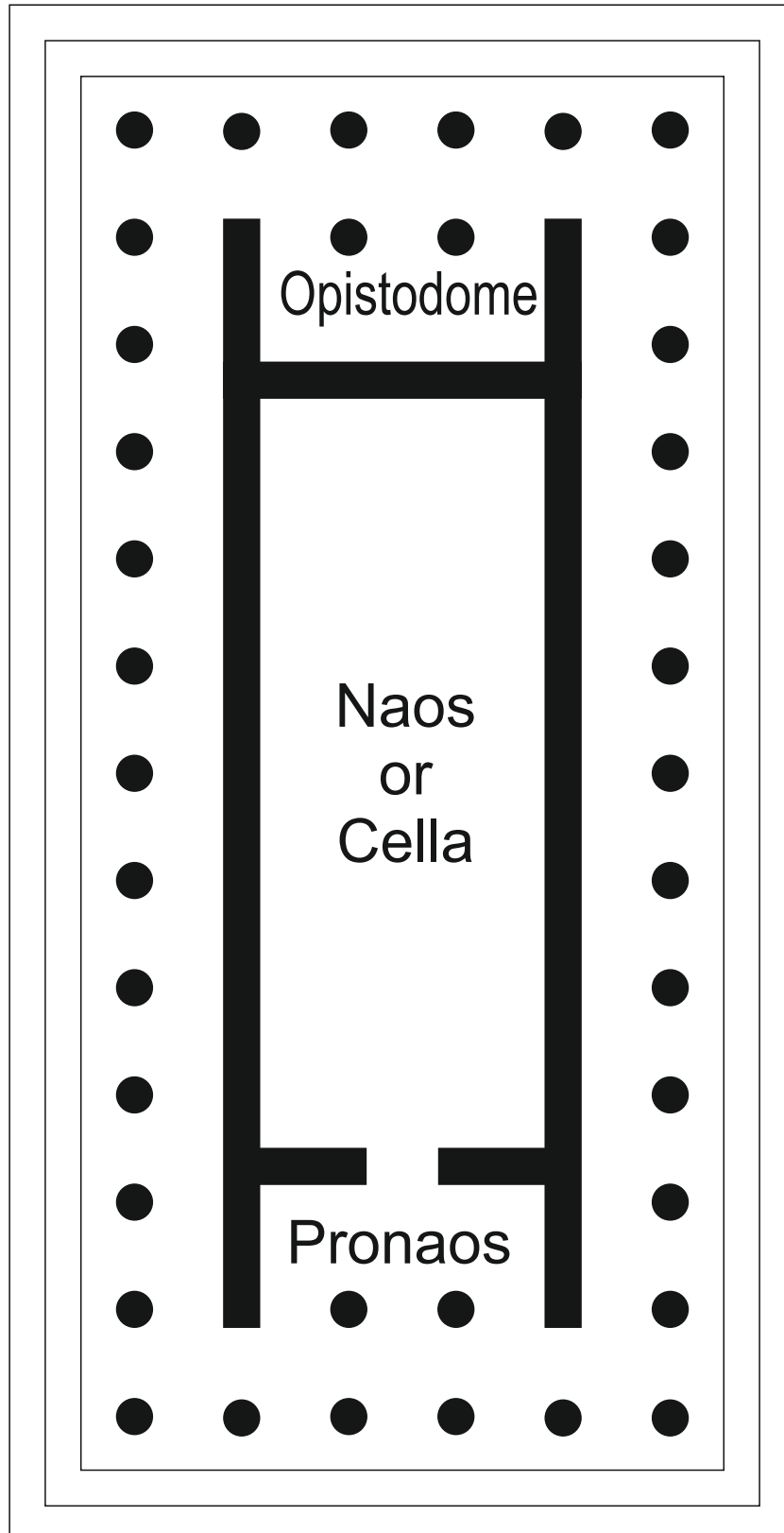
Typology of Greek temples based on their plan



Tholos



Parts of the greek temple





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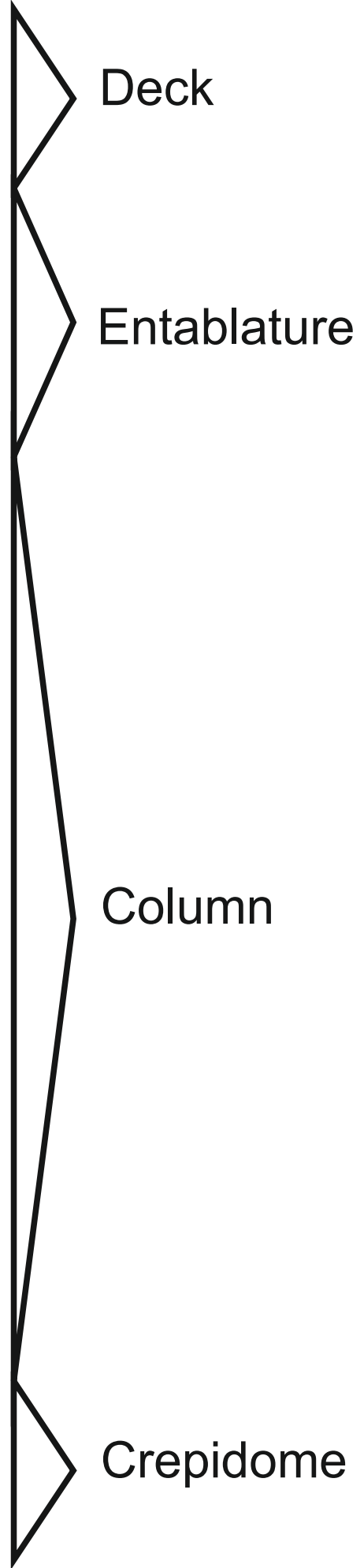
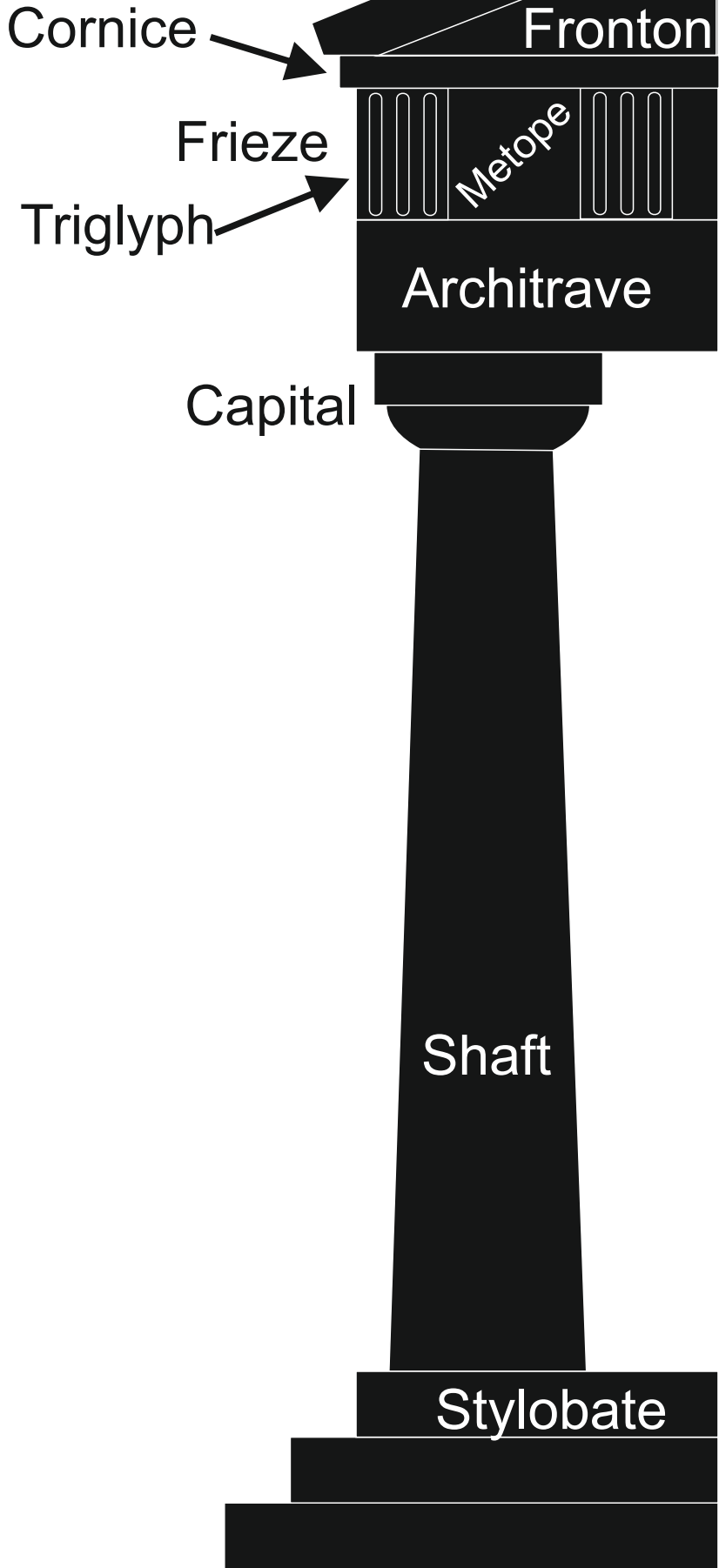
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Facade of a Greek temple
The front and rear facades are the same



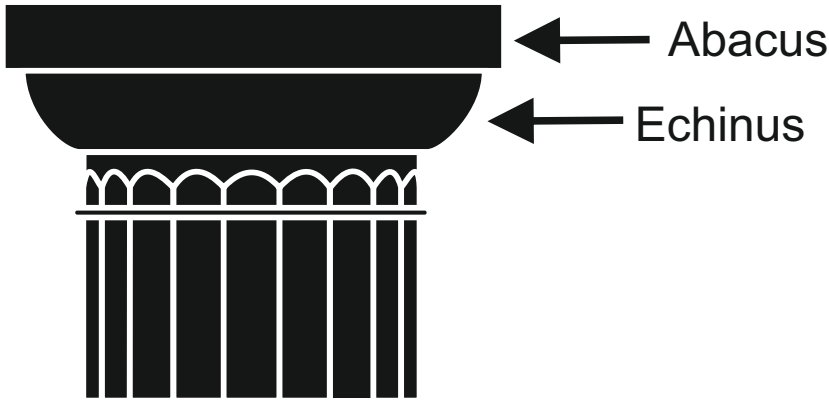


Parts of the greek temple Elevation plan

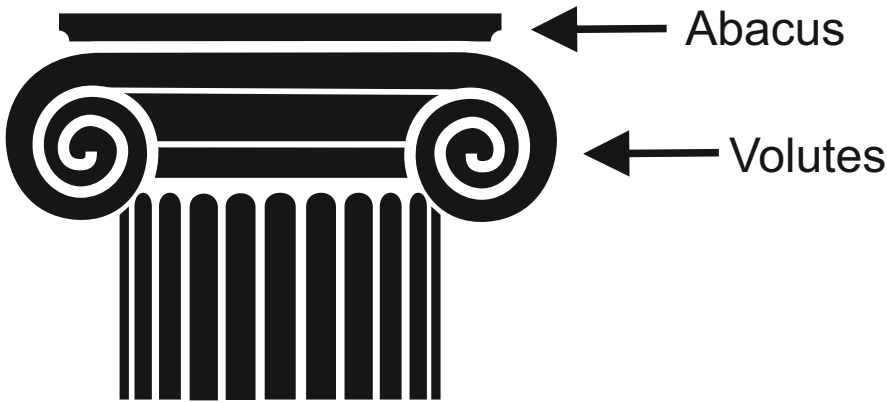




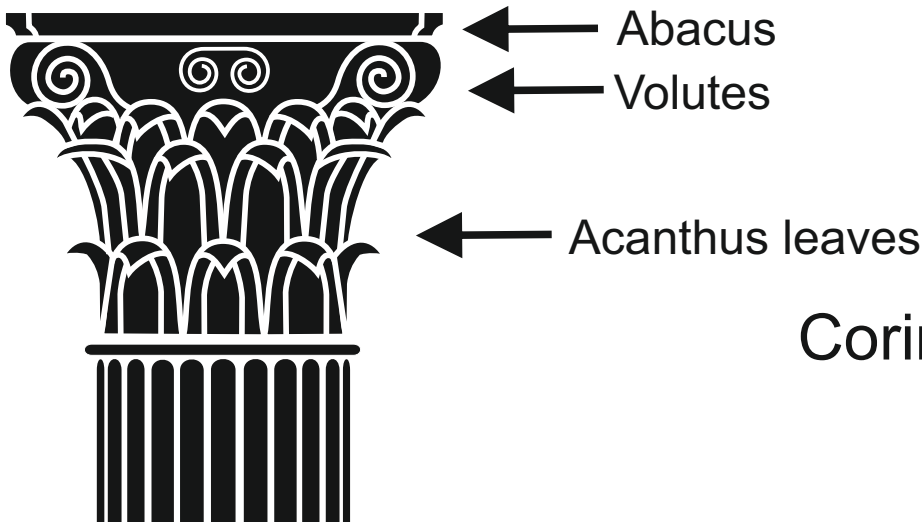
Classical order



Doric order

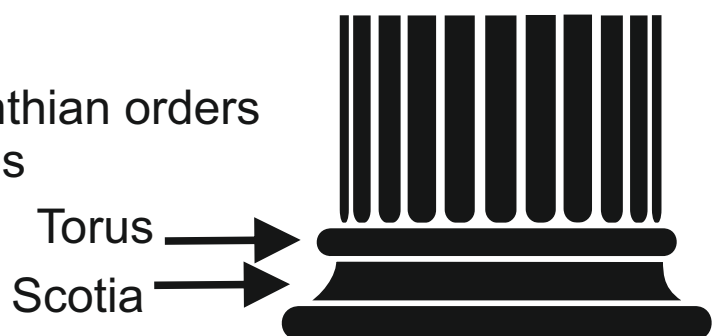


Ionic order



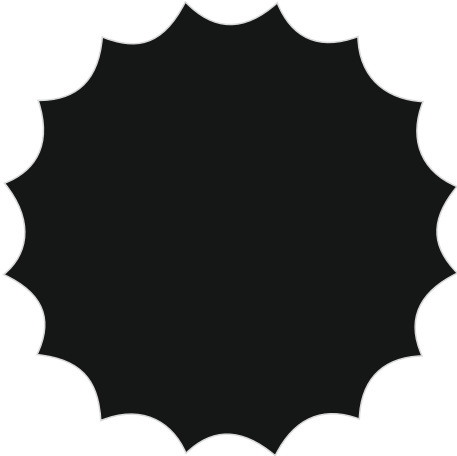
Corinthian order

Only in the Ionic and Corinthian orders
do the columns have bases

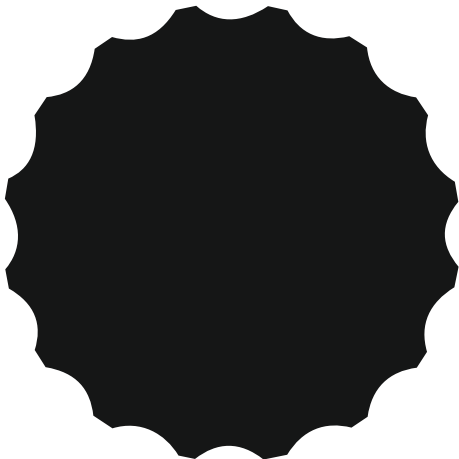




Classical order: column section



Shaft section
of a doric column
with broad flutes.

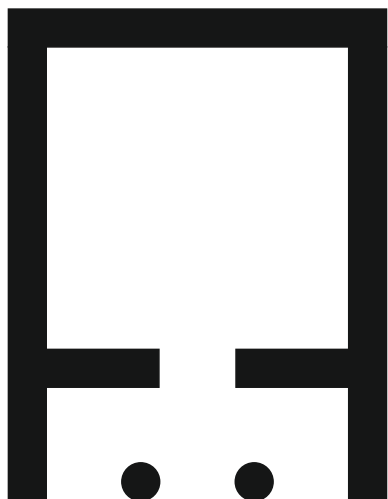


Shaft section
of a ionian column
Is fluted (it has grooves
carved up its length)

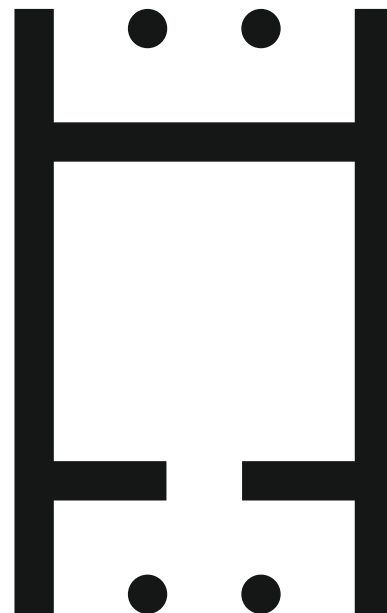


Περίγραμμα του ναού με πρόθυρο
και δύο κίονες στην πρόσοψη
και δύο κίονες στην οπίσθια
προσοψη

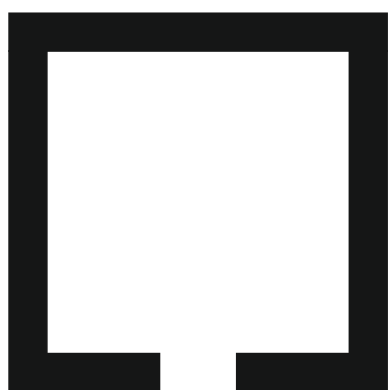
Typology of Greek temples based on their plan



Περίγραμμα του ναού με πρόθυρο
και δύο κίονες στην πρόσοψη
και δύο κίονες στην οπίσθια
προσοψη

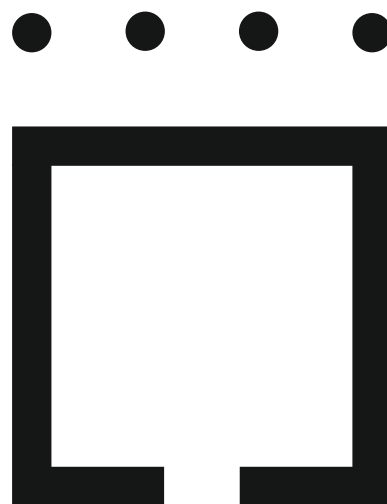


Περίγραμμα του ναού με πρόθυρο
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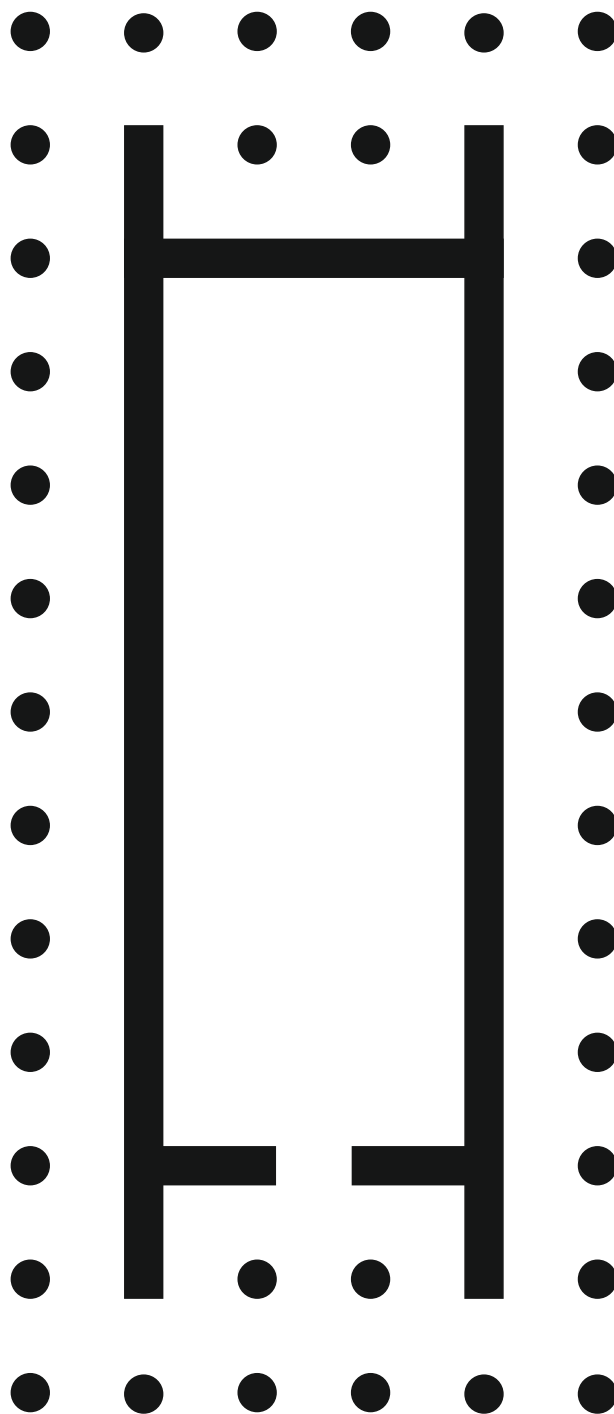
Περίγραμμα του ναού με πρόθυρο
και δύο κίονες στην πρόσοψη
και δύο κίονες στην οπίσθια
προσοψη

Περίγραμμα του ναού με πρόθυρο
και δύο κίονες στην πρόσοψη
και δύο κίονες στην οπίσθια
προσοψη



Τύποι κτιρίων που χρησιμοποιούνται ως ναοί
στην αρχαία Ελλάδα

Typology of Greek temples based on their plan

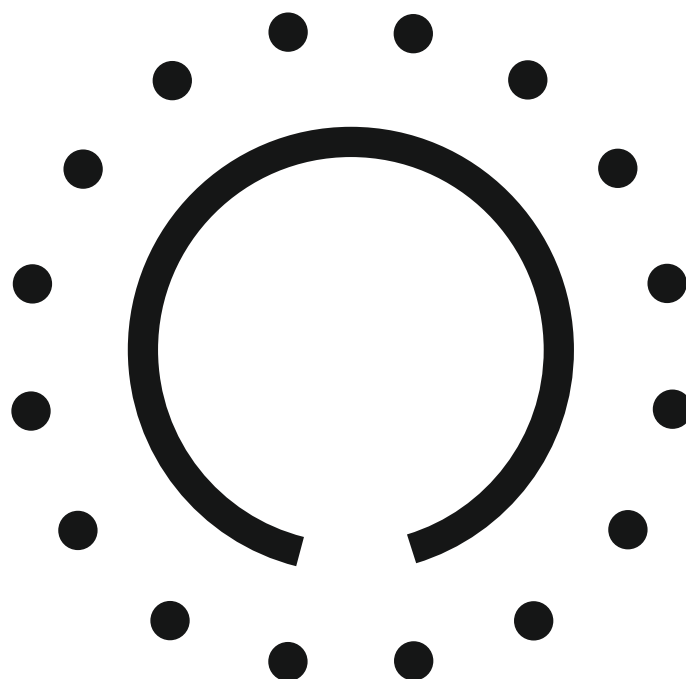


ΕΠΙΧΕΙΡΗΣΙΑΚΟ ΠΡΟΓΡΑΜΜΑ
ΕΚΠΑΙΔΕΥΣΗ ΚΑΙ ΔΙΑ ΒΙΩΣΙΜΗΣ ΜΑΘΗΣΗΣ

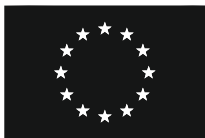


Το κεντρικό τμήμα του ναού αποτελείται από το ναό, ο οποίος περιβάλλεται από κίονες. Η πρόσοψη του ναού είναι κλειστή, ενώ η οπίσθια είναι ανοικτή. Η οροφή του ναού είναι επίπεδη, ενώ η οροφή της πρόσοψης είναι κωνική. Η οροφή της οπίσθιας είναι επίπεδη.

Typology of Greek temples based on their plan

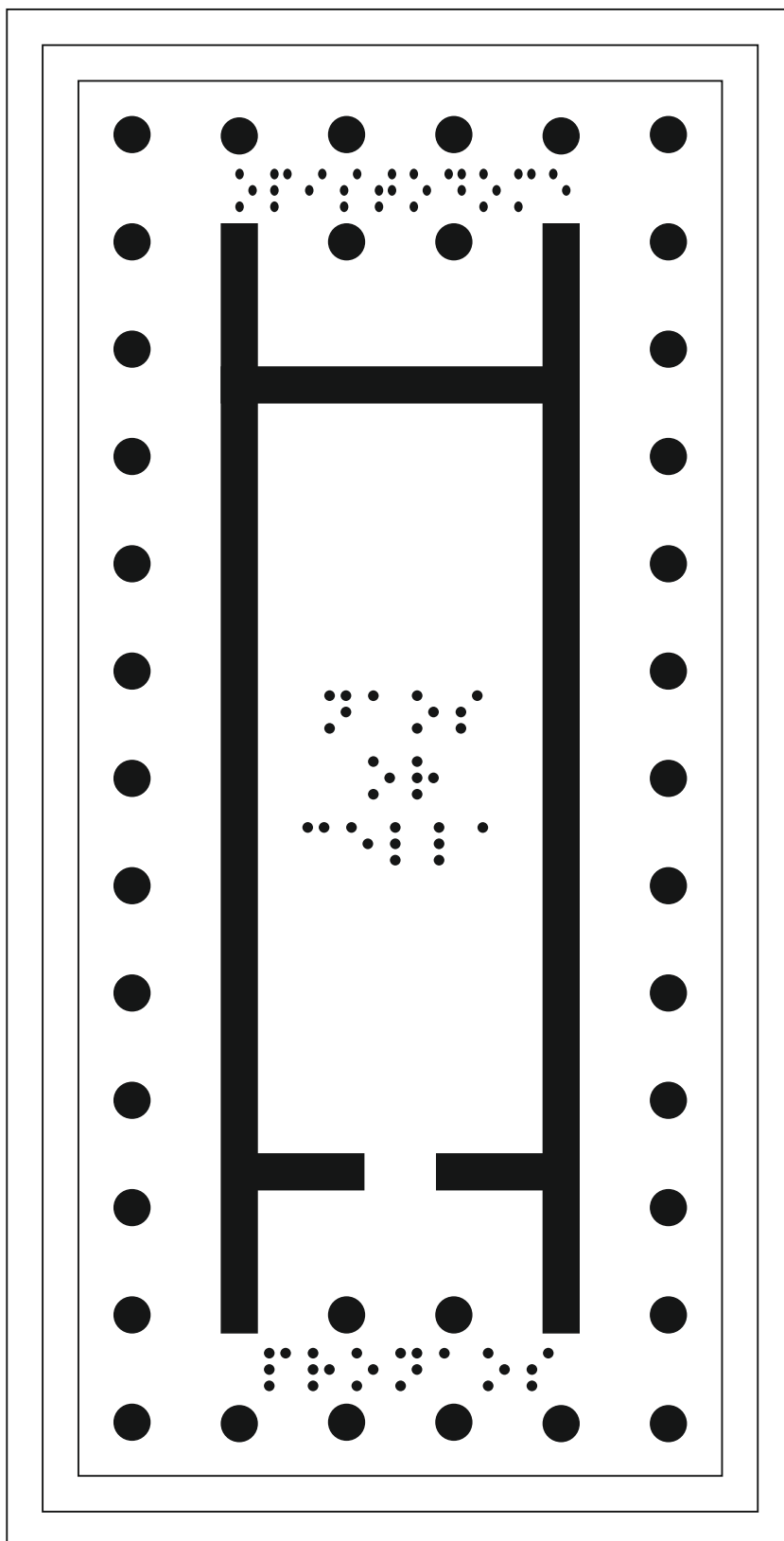


ΚΥΚΛΟΣ



Μέρη του ναού των Ελλήνων

Parts of the greek temple





המכון הלאומי לתעודת המורשת
הארכאולוגית

Facade of a Greek temple
The front and rear facades are the same



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המכון הלאומי לתעודת המורשת
הארכאולוגית





Επίπεδο του ναού
Πλάτη του ναού

Κορυφή του ναού

Κοίτη του ναού

Κοίτη του ναού

Κοίτη του ναού

Κοίτη του ναού

Κοίτη του ναού

Κοίτη του ναού

Κοίτη του ναού

Κοίτη του ναού

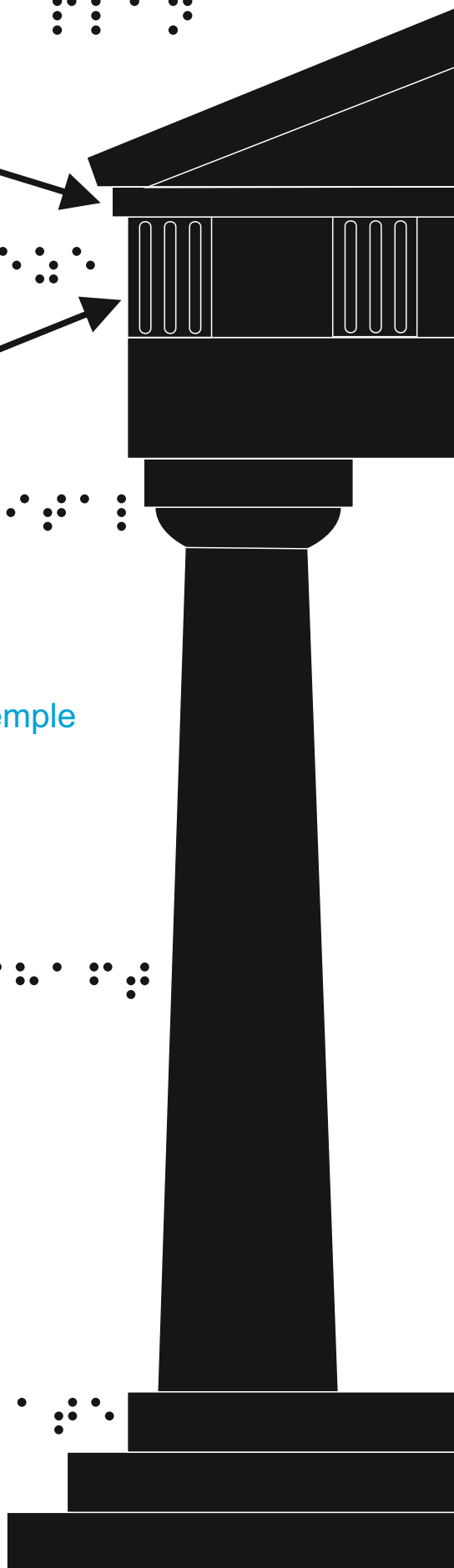
Parts of the greek temple
Elevation plan

Κοίτη του ναού

Κοίτη του ναού

Κοίτη του ναού

Κοίτη του ναού



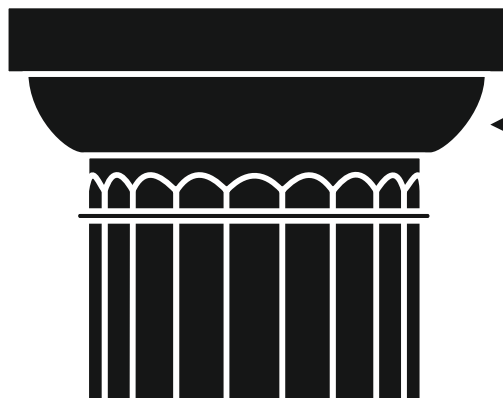


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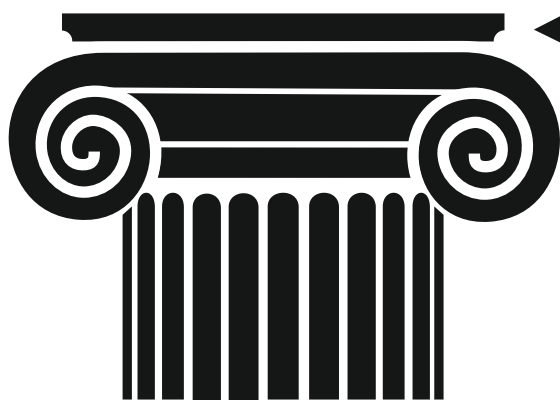


Classical order

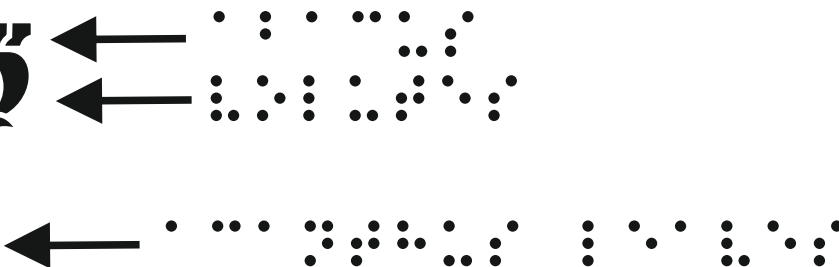
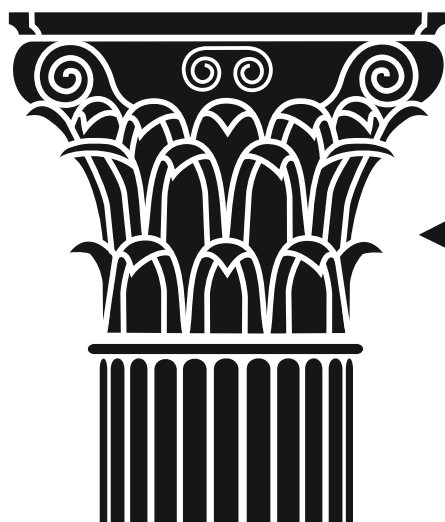
Braille text line below the header.



Braille labels for the Doric capital.

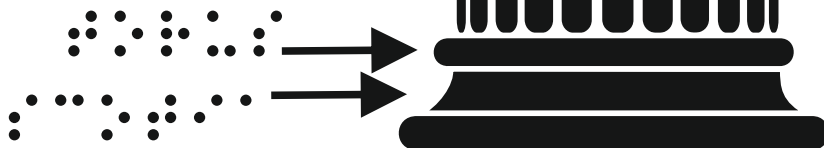


Braille labels for the Ionic capital.



Braille labels for the Corinthian capital.

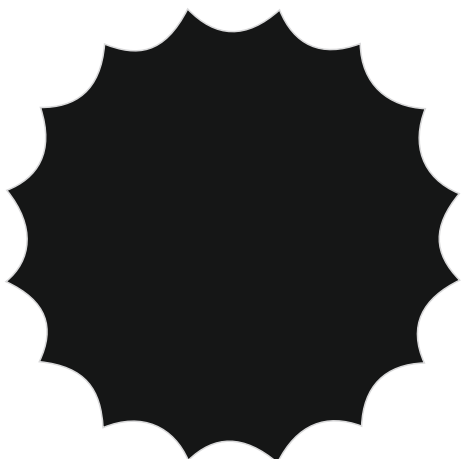
Large block of Braille text on the left side of the page.



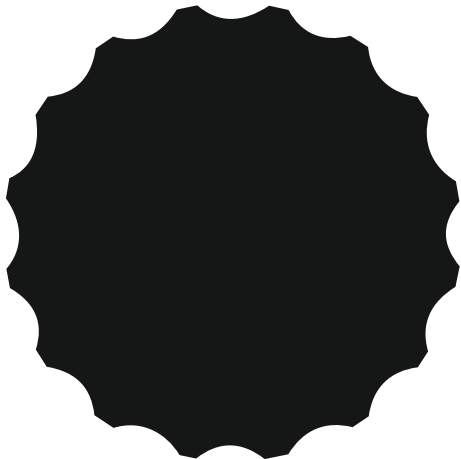


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התאחדות העיוותי ראייה בישראל

Classical order: column section



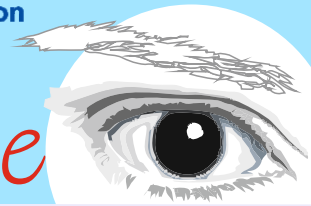
התאחדות העיוותי ראייה בישראל
התאחדות העיוותי ראייה בישראל
התאחדות העיוותי ראייה בישראל



התאחדות העיוותי ראייה בישראל
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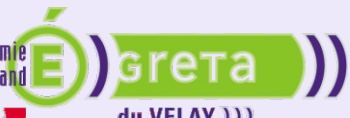
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