

# SOPORTES

- EL MURO Y SU DISPOSICIÓN:  
APAREJOS
- PILARES, COLUMNAS, PILASTRAS
  - MÉNSULAS
  - CONTRAFUERTE
- ESTRIBOS Y ARBOTANTES
  - EL ARCO

# TIPOS DE APAREJOS

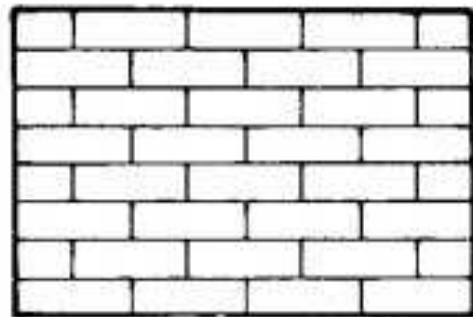


Fig. 21  
Isódomo.

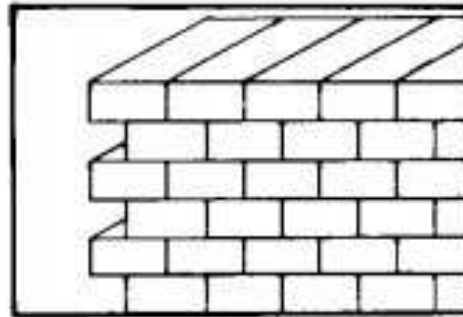


Fig. 23  
A tizón. Tb. de llaves, de asta.

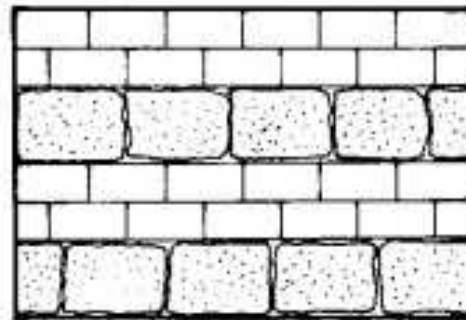


Fig. 30  
Mixto.

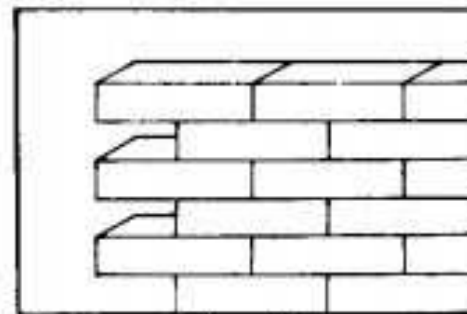


Fig. 24  
A soga. Tb. de cítara, de media asta.

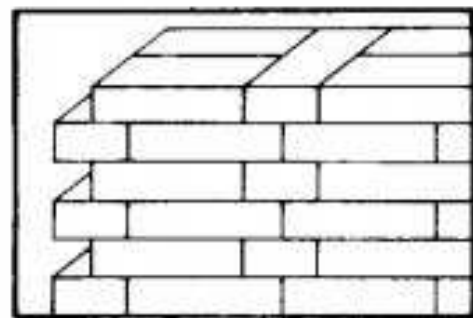


Fig. 25  
A soga y tizón diatónico.

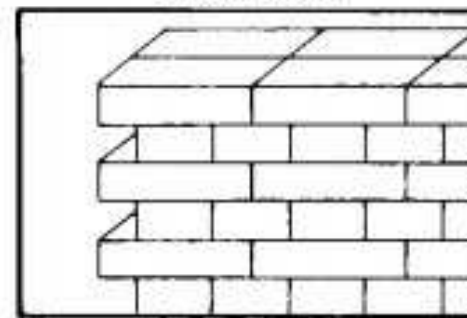


Fig. 26  
A soga y tizón inglés.

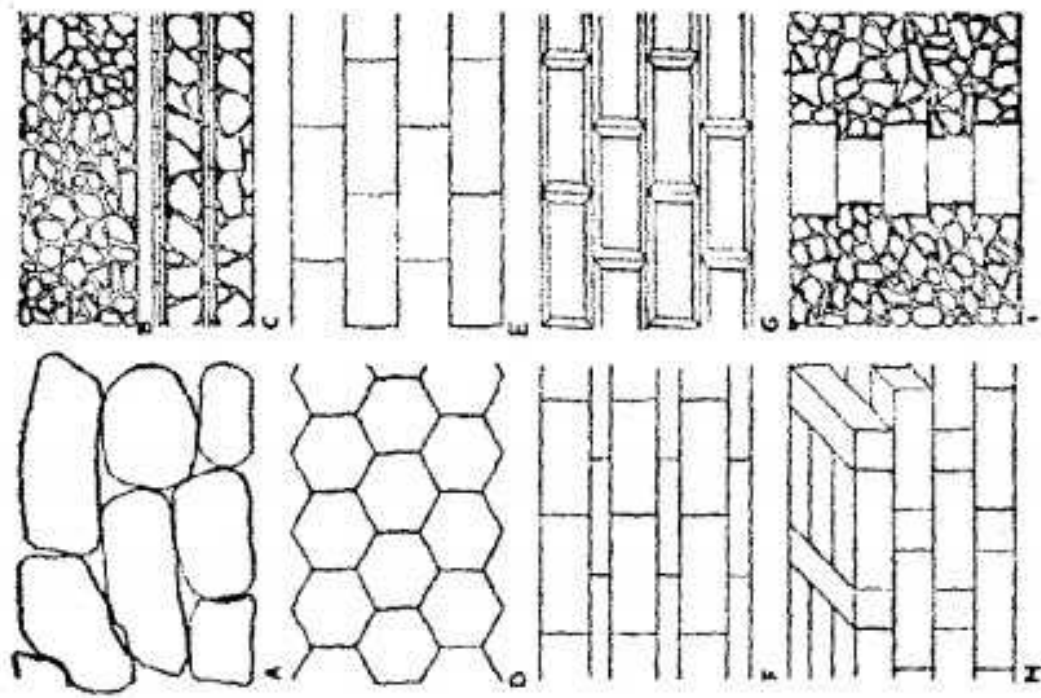


Fig. 1.—Muro. A, ciclópeo; B, C, de mampossteria; D, poligonal; E, isódromo; F, scudoisódromo; G, almojadilla; H, a tizón; I, con cadenas. (Arquitectura)

# APAREJOS ROMANOS

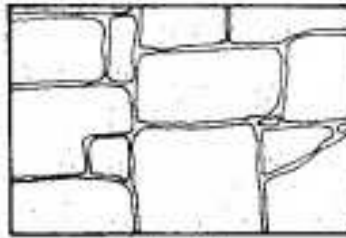


Fig. 33  
Ciclópeo.



Fig. 34  
Aparejo espigado. Tb. opus  
spicatum.

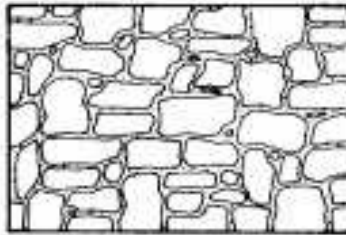


Fig. 35  
Opus incertum.

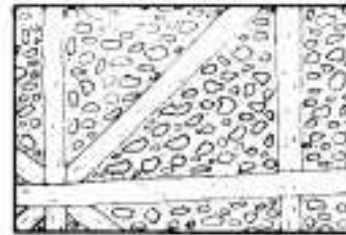


Fig. 36  
Opus craticium.



Fig. 37  
Opus mixtum.

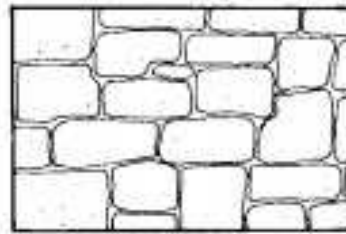


Fig. 38  
Opus polygonale.

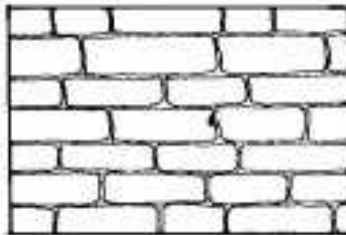


Fig. 39  
Opus quadratum.

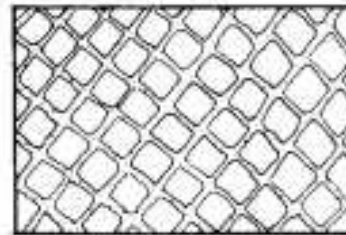
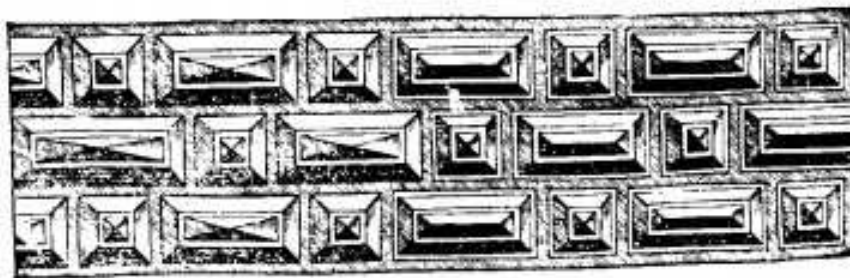
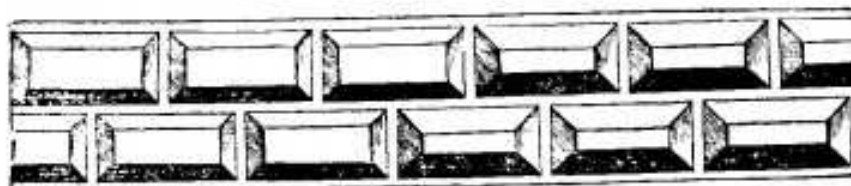
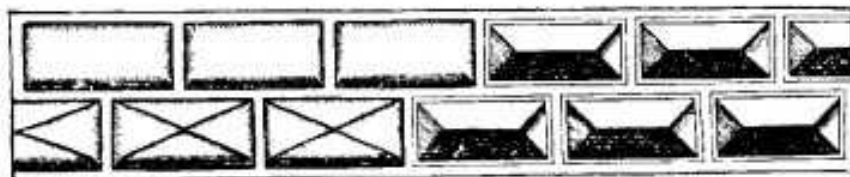
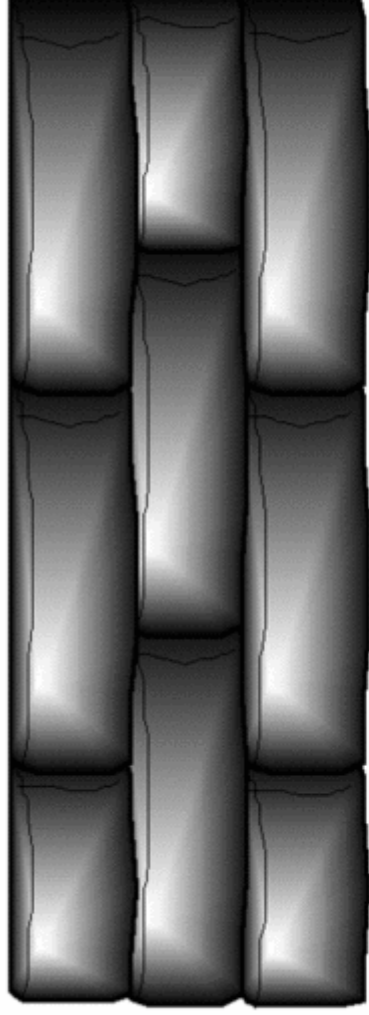


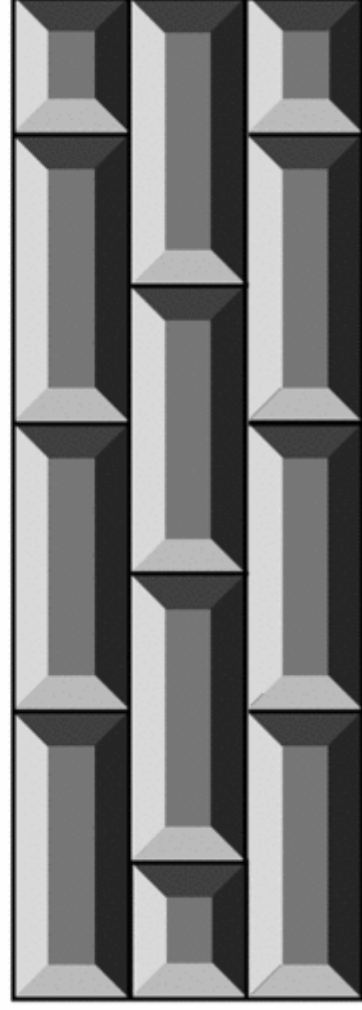
Fig. 40  
Opus reticulatum.

# ALMOHADILLADOS





*Almohadillado rústico*



*Almohadillado de inglete*

# TIPOS DE SOPORTES

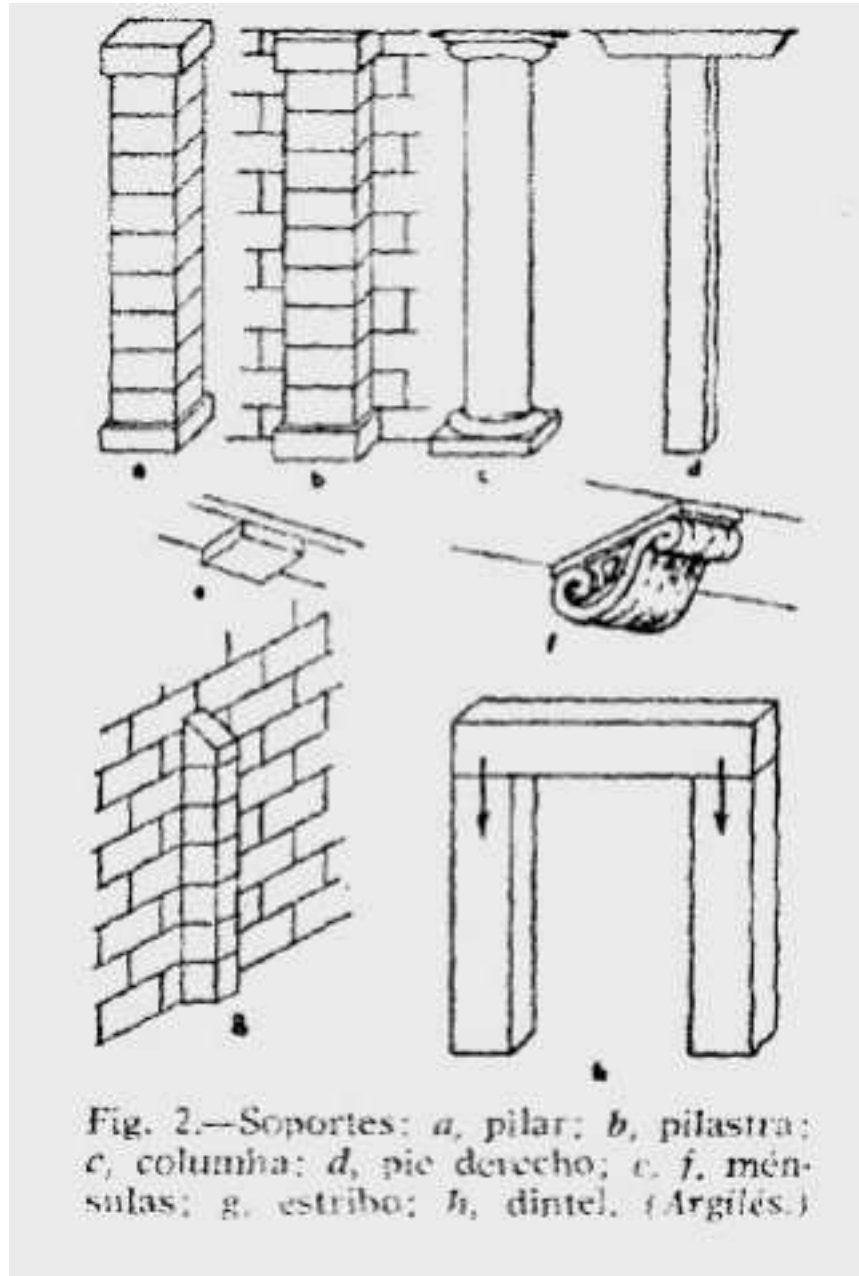
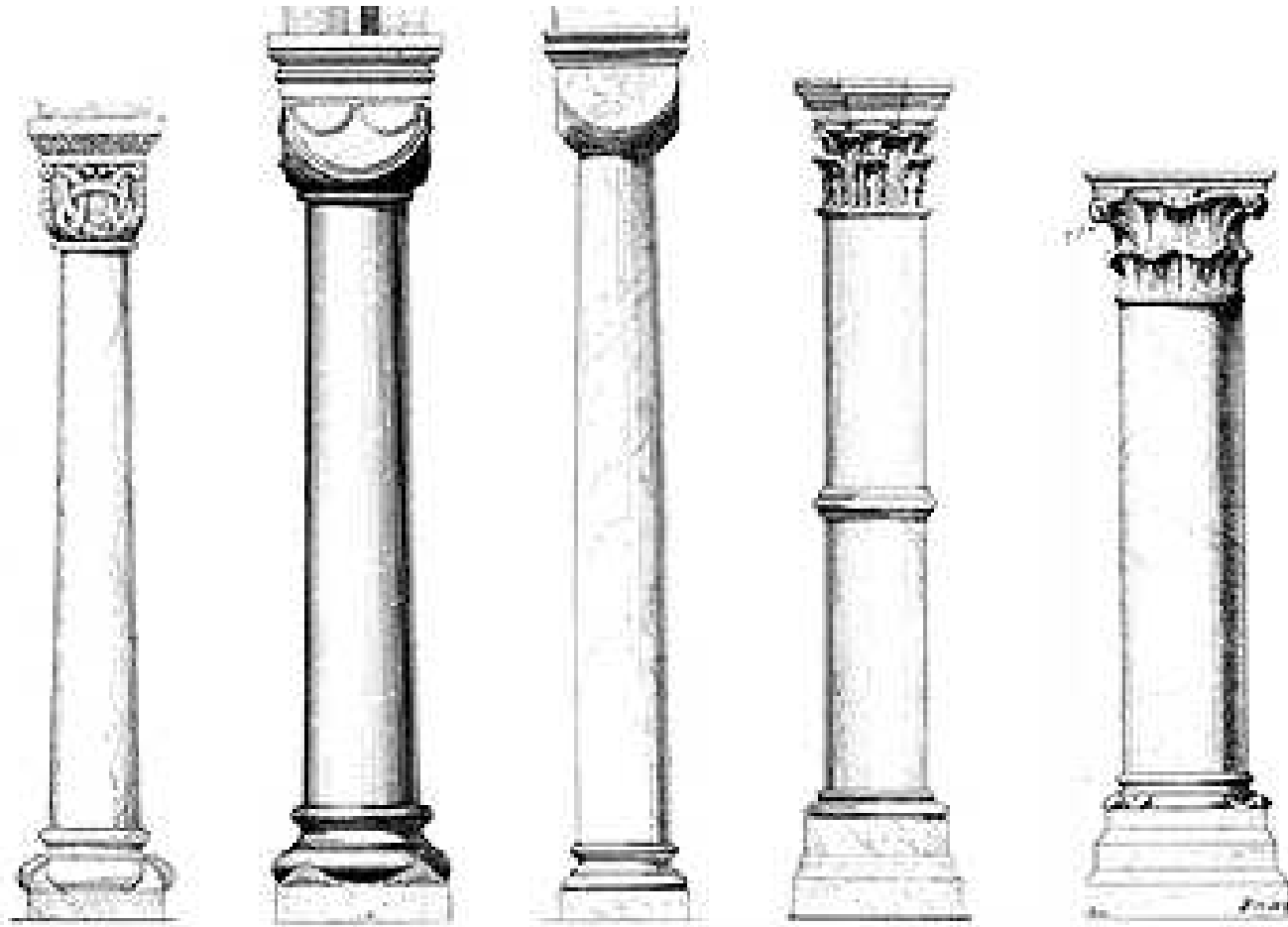


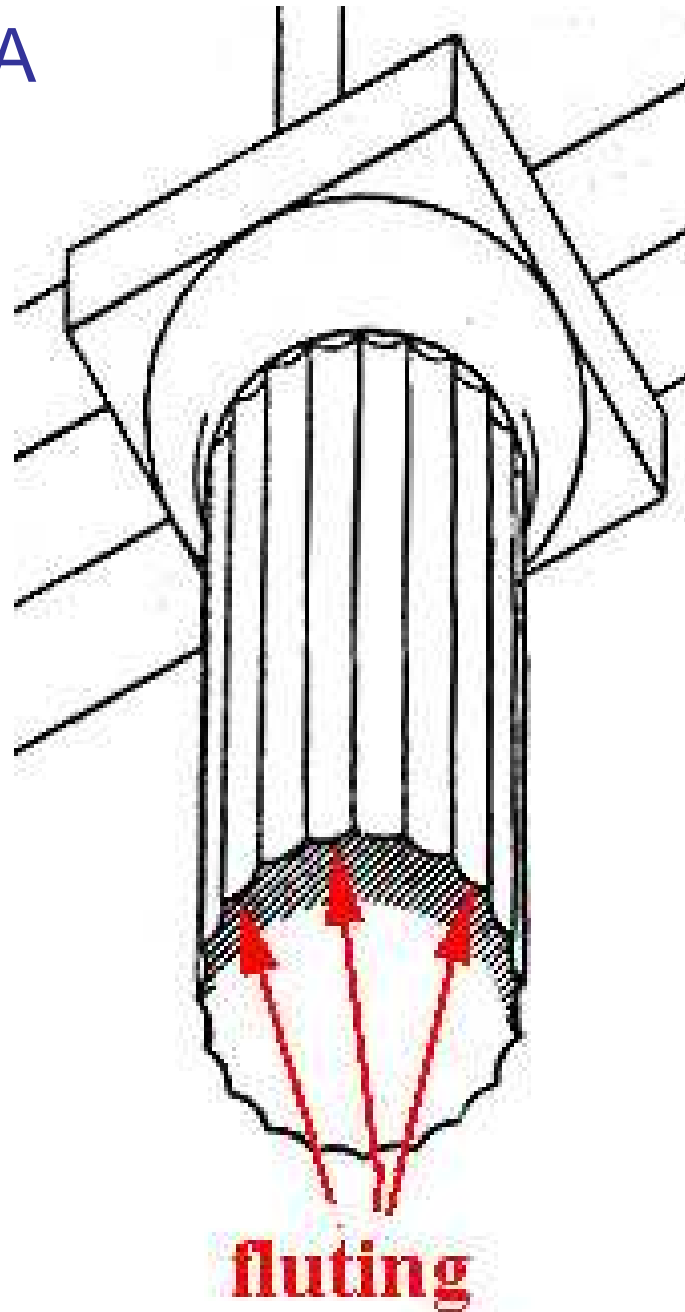
Fig. 2.—Soportes: *a*, pilar; *b*, pilastra; *c*, columna; *d*, pie derecho; *e*, *f*, ménsulas; *g*, estribo; *h*, dintel. (Argilés.)

# COLUMNAS

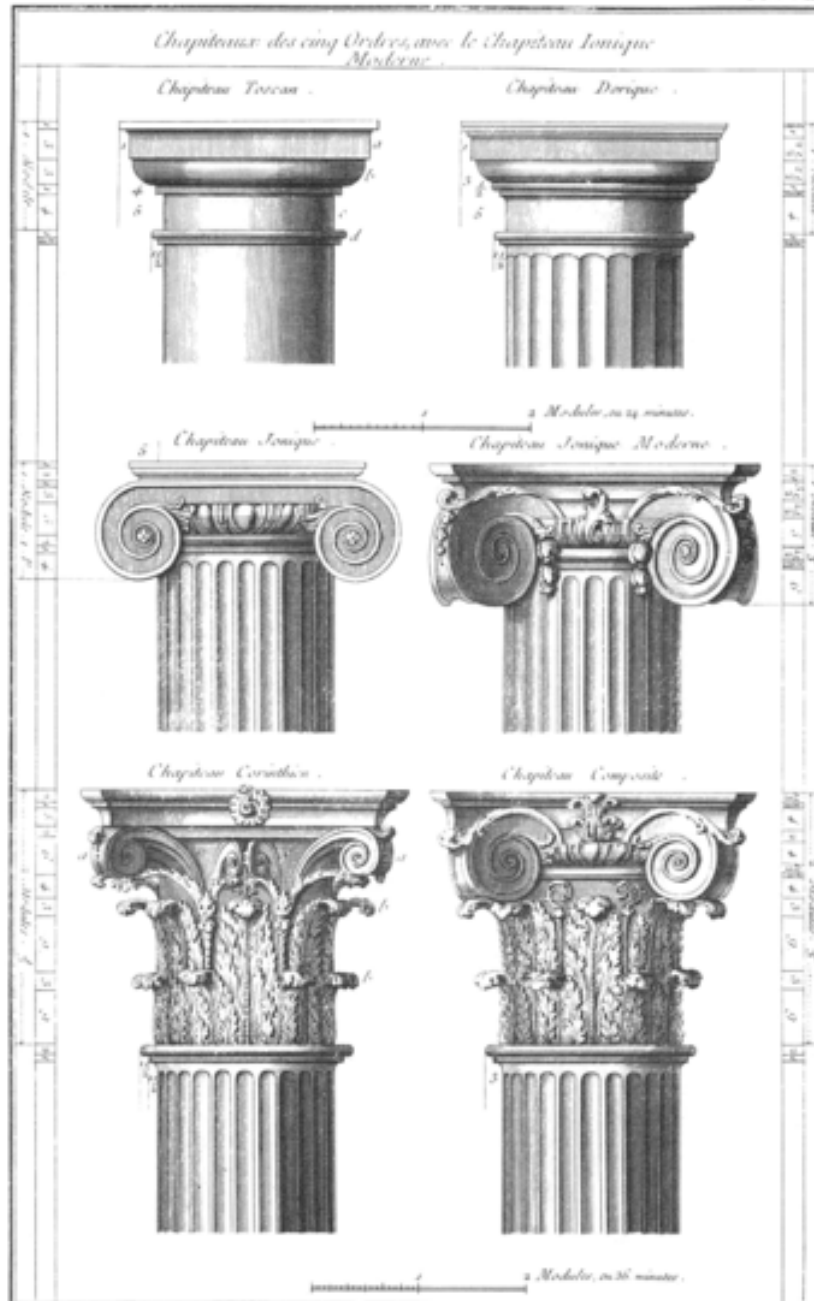




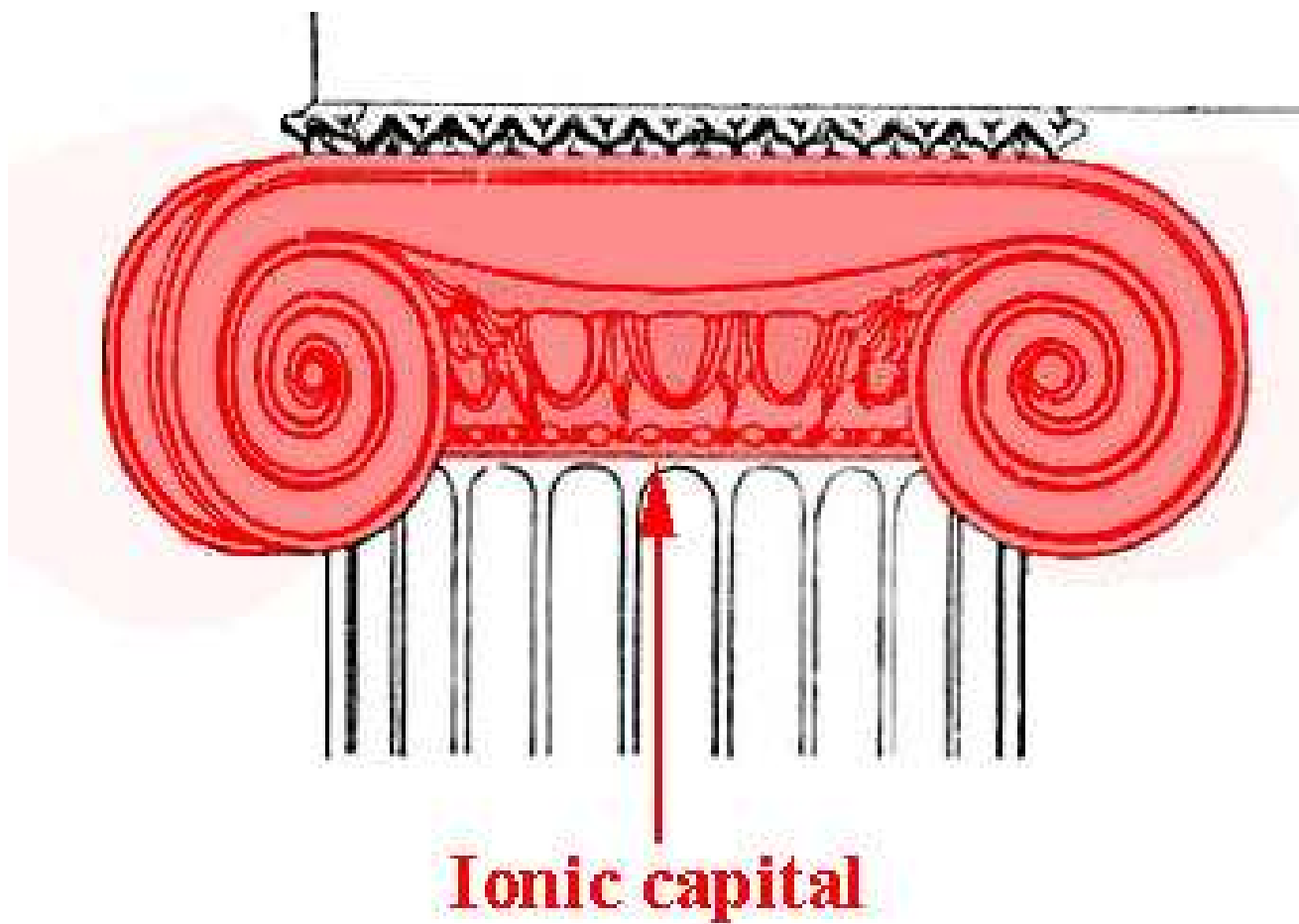
# ACANALADURA



# CAPITELES ROMANOS



# CAPITEL JÓNICO

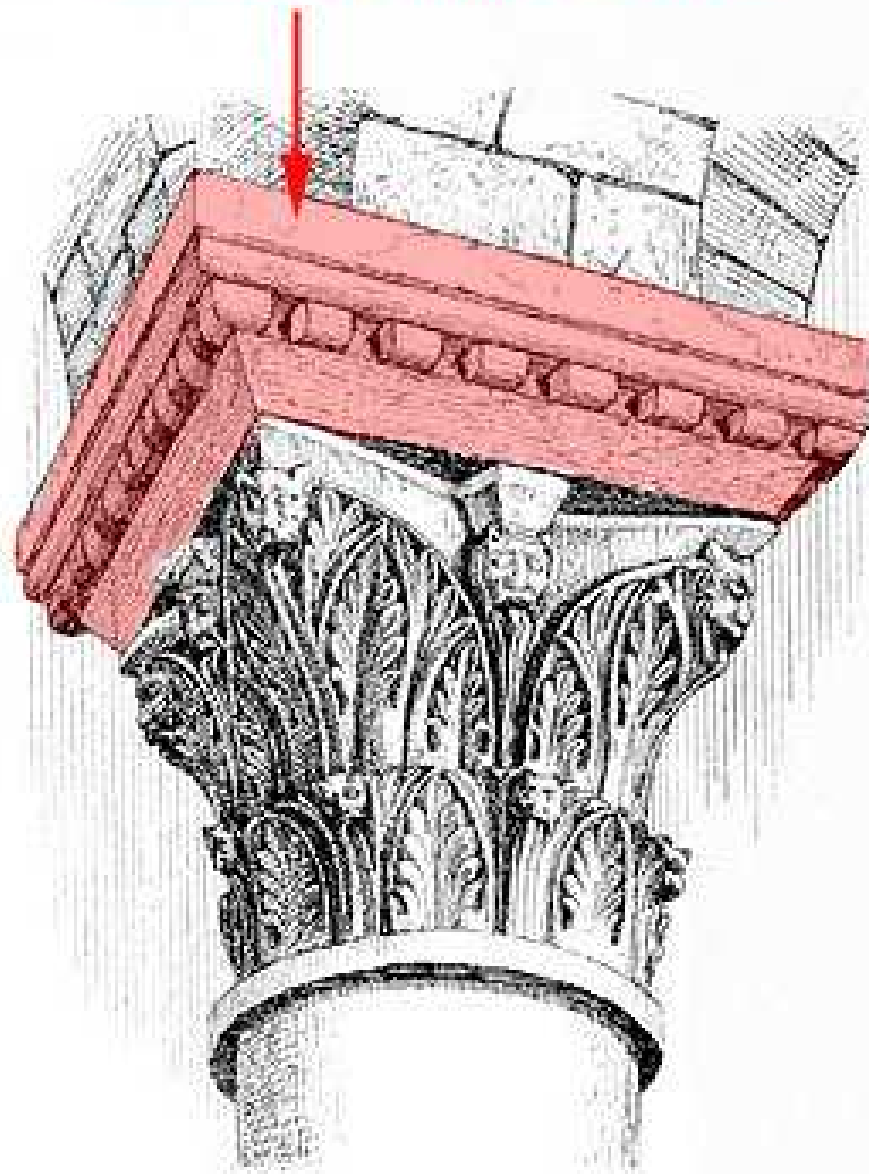


# HOJAS DE ACANTO



**abacus or impost block**

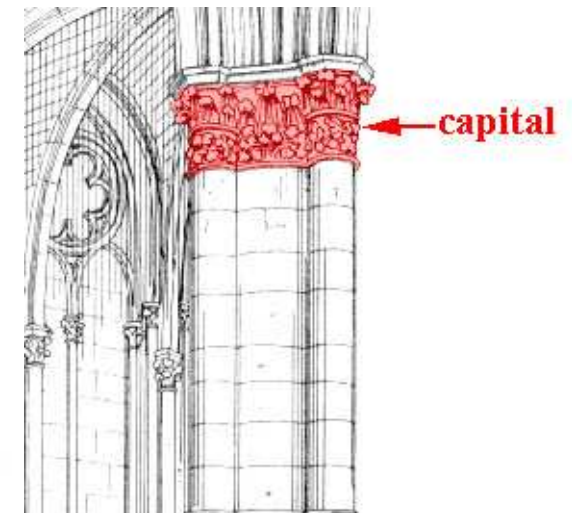
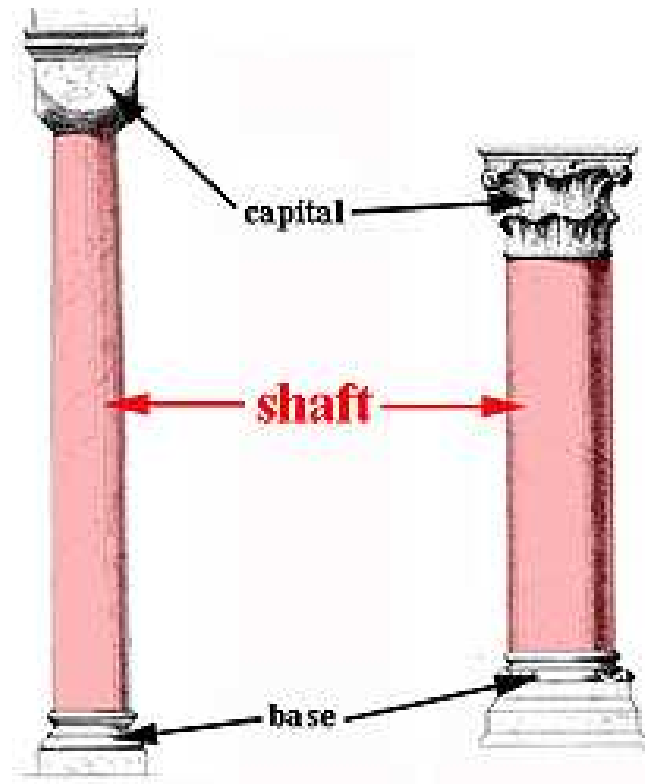
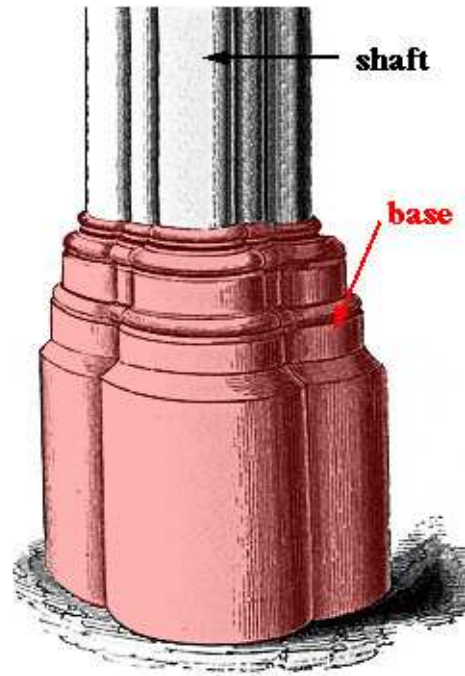
ÁBACO O IMPOSTA

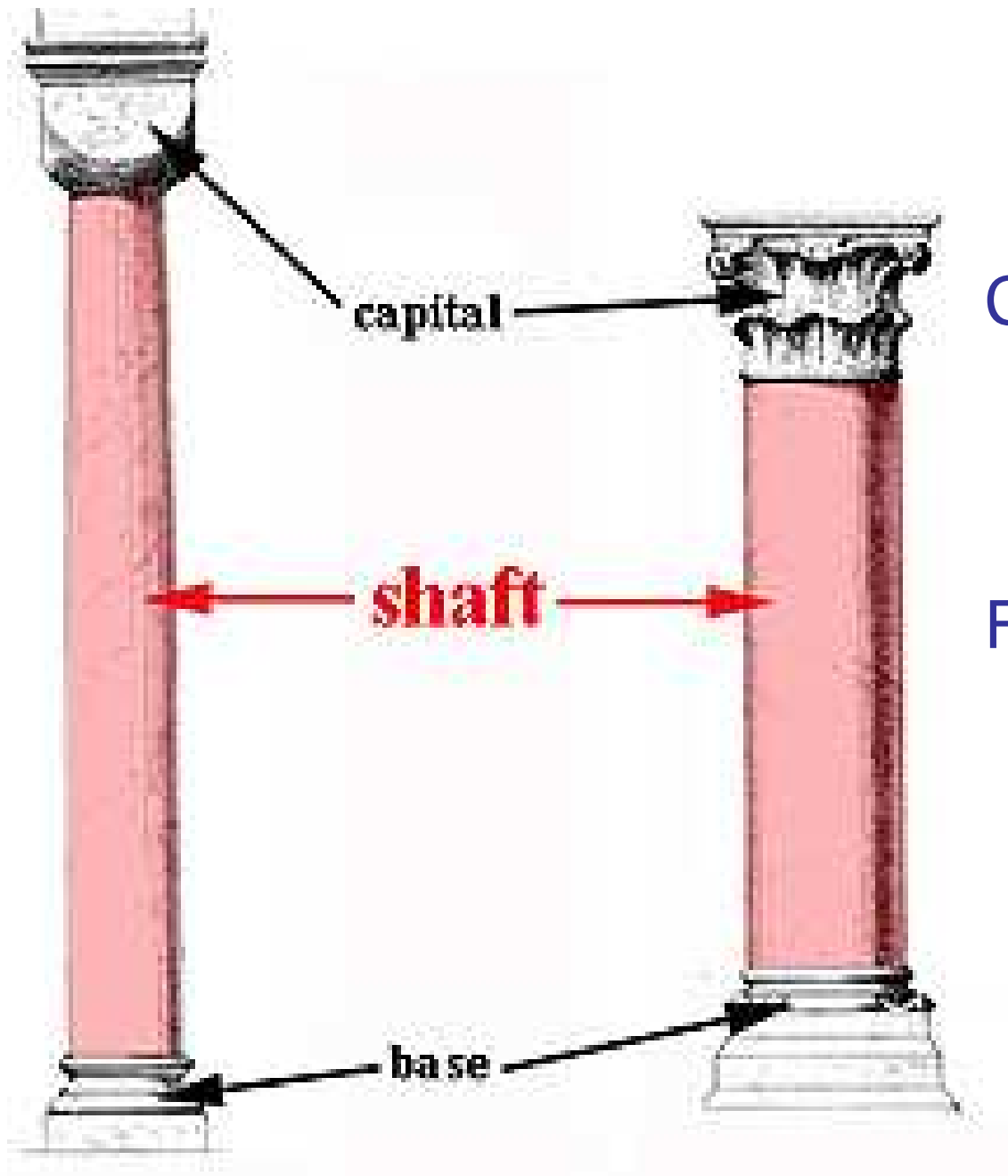


## CARIÁTIDE Y ATLANTE



# PARTES DE LA COLUMNA: BASA, FUSTE Y CAPITEL





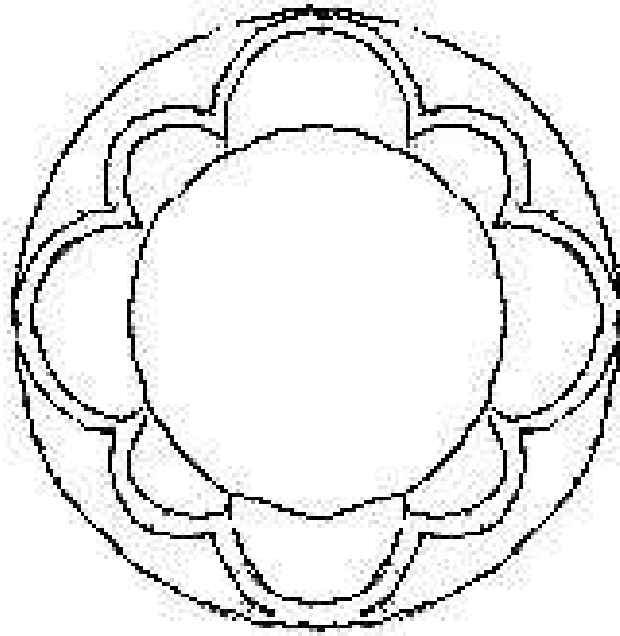
CAPITEL

FUSTE

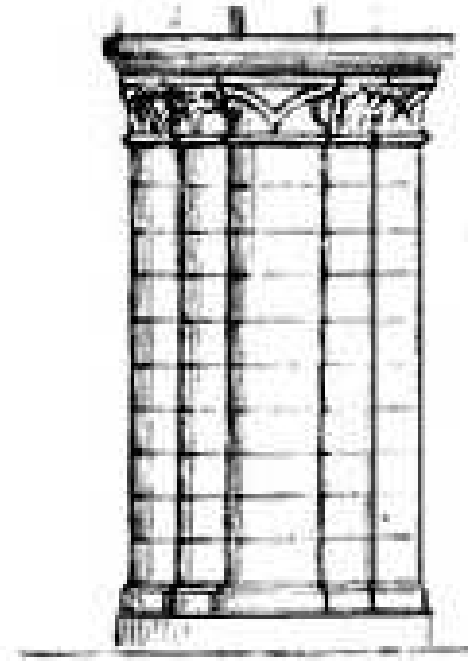
BASA



# BASA Y PILAR GÓTICOS

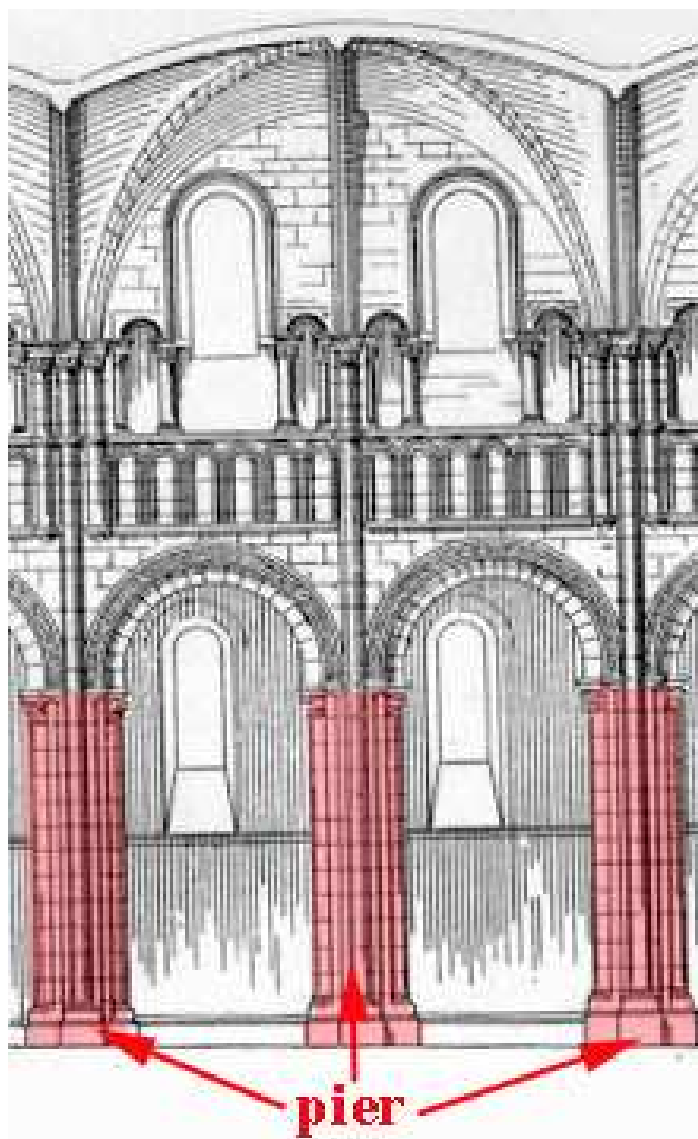


**top  
view**

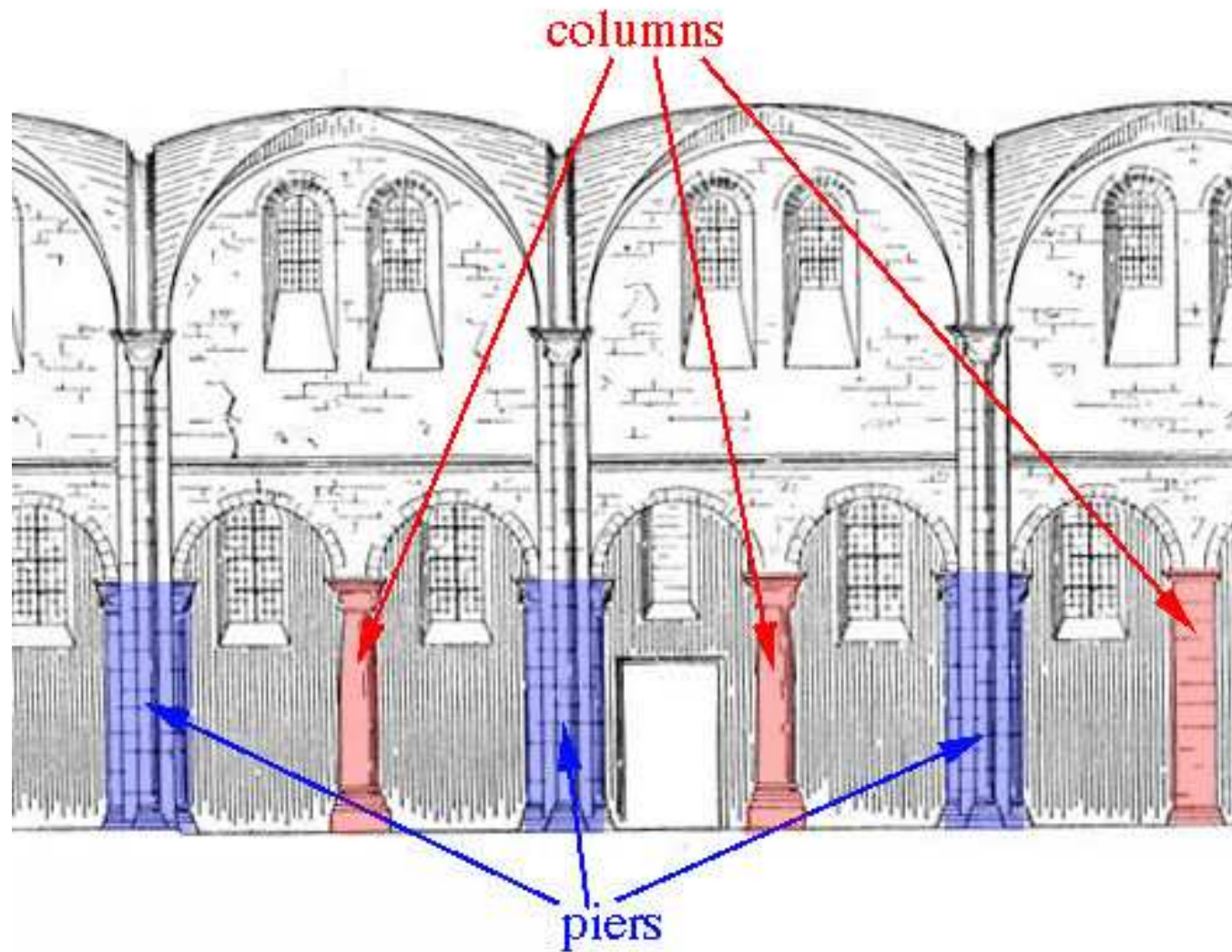


**side  
view**

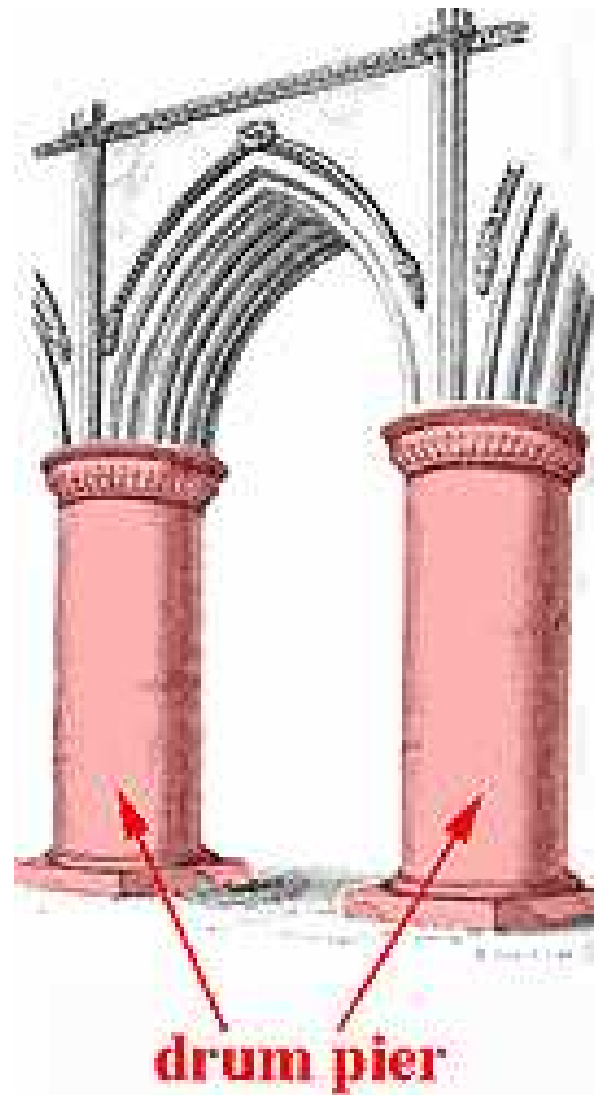
# PILARES



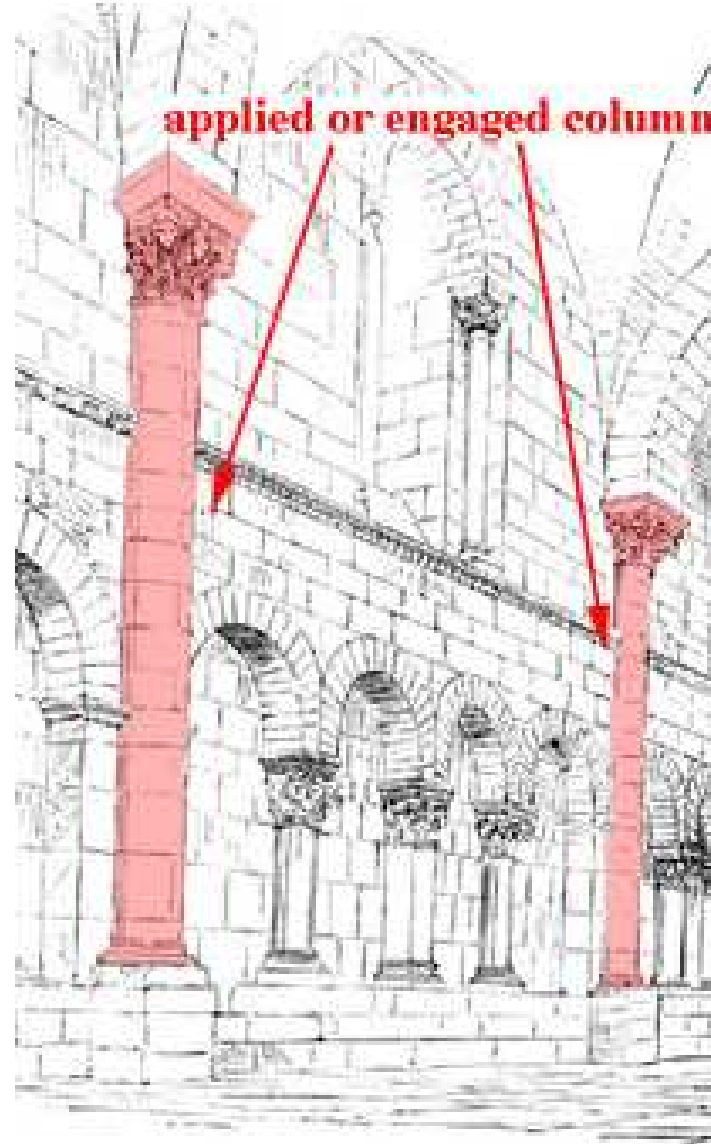
# ALTERNANCIA PILAR-COLUMNA



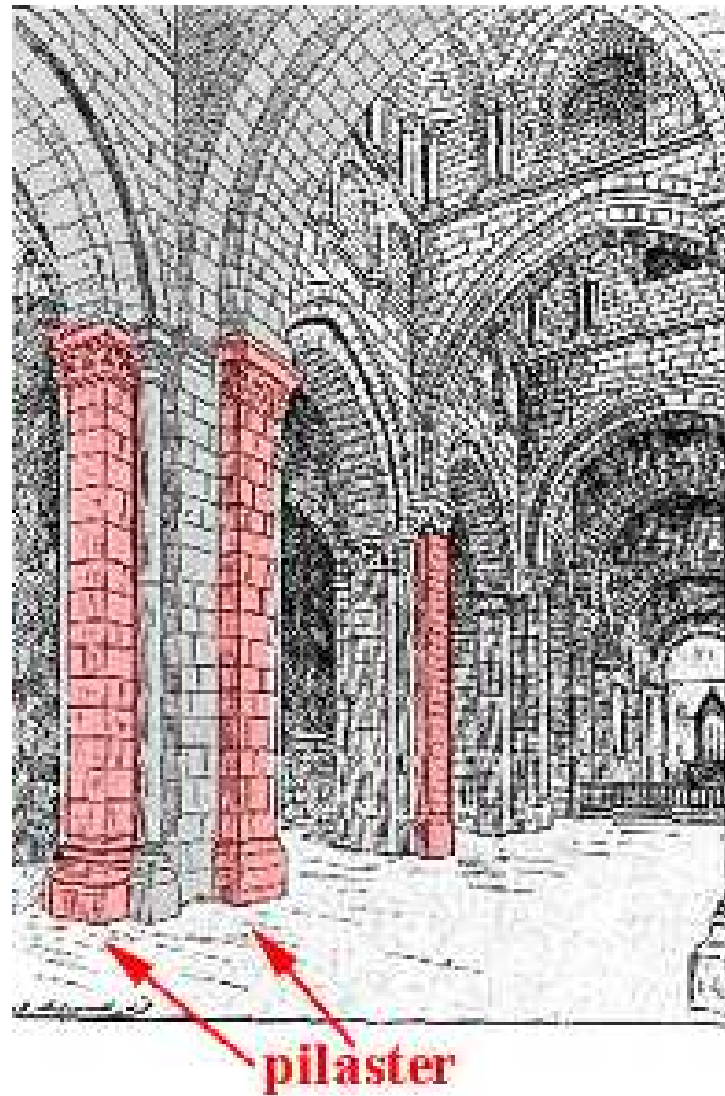
# PILARES SIMPLES



# COLUMNAS ADOSADAS

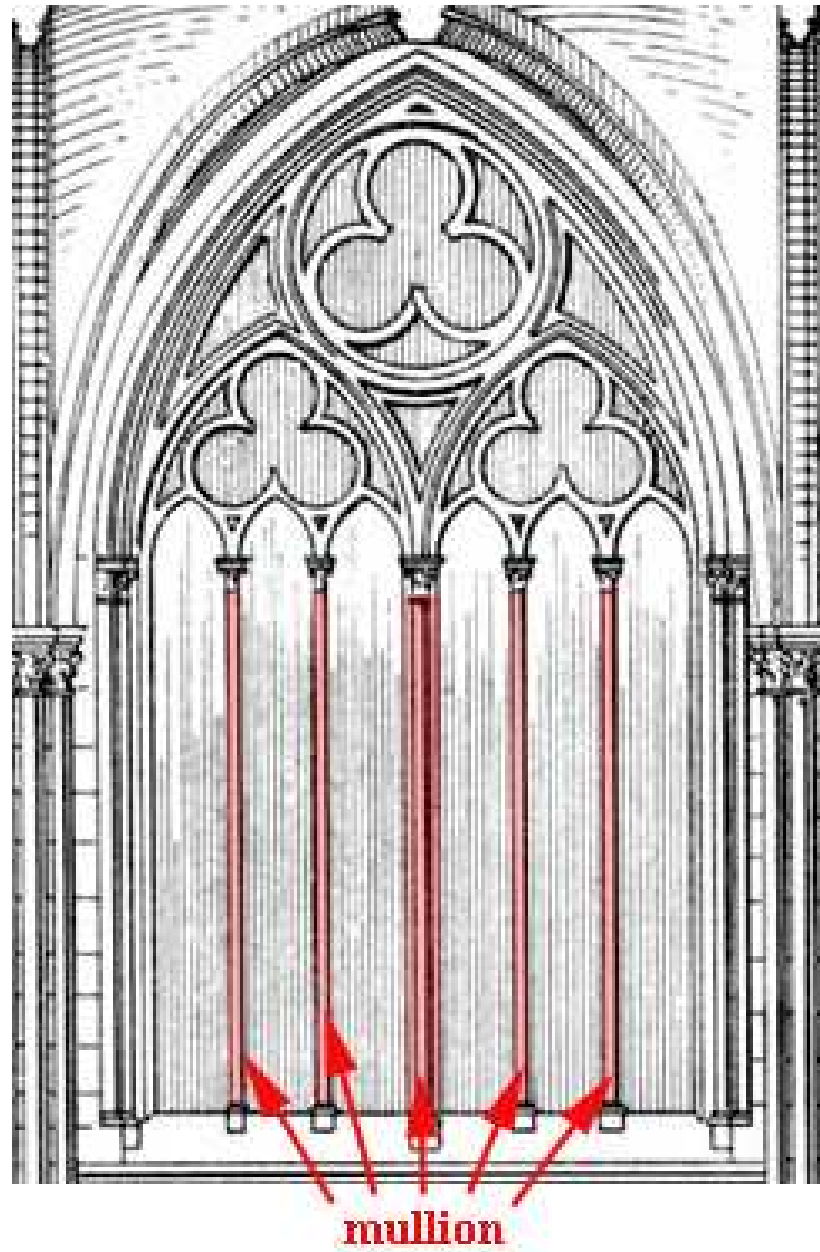


# PILASTRAS

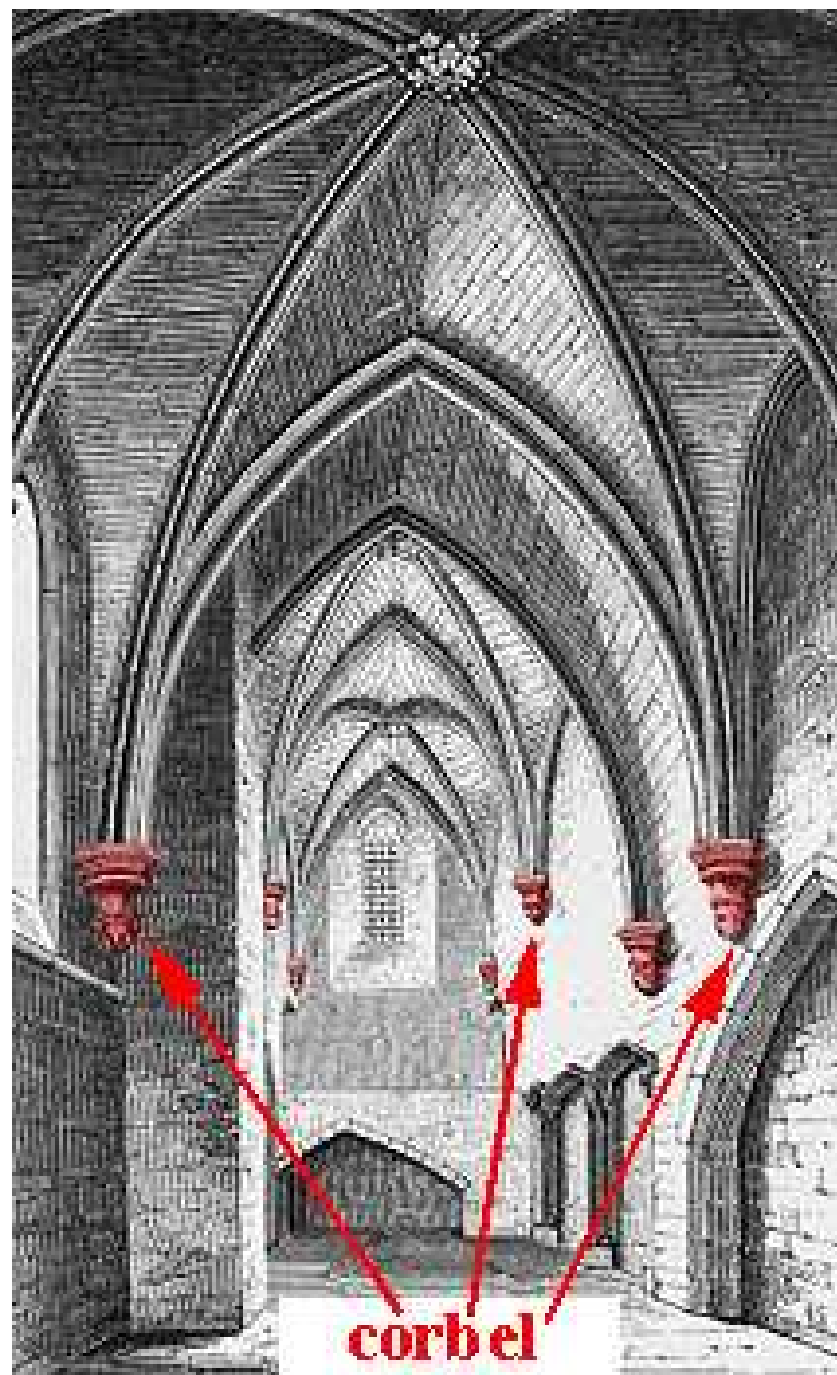


**pilaster**

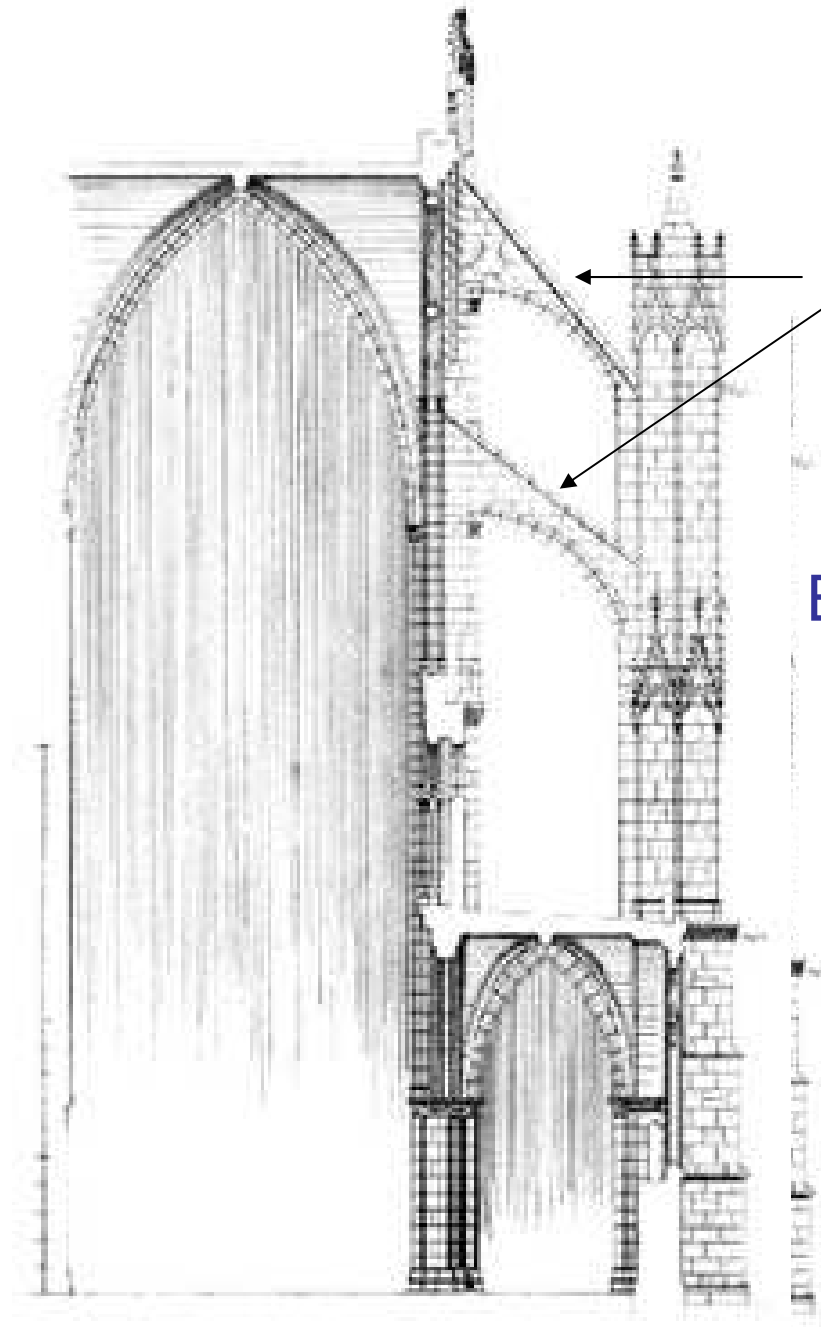
# BAQUETONES



# MODILLONES O MÉNSULAS







ARBOTANTES

ESTRIBO

CONTRAFUERTE

# PARTES DEL ARCO

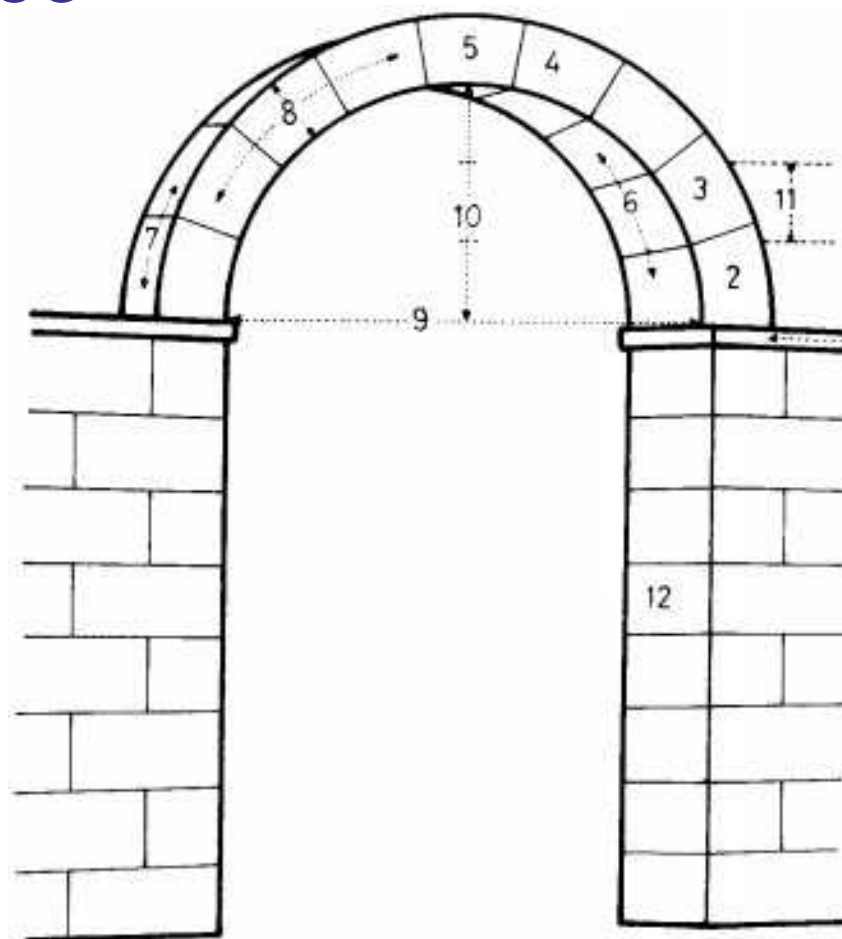
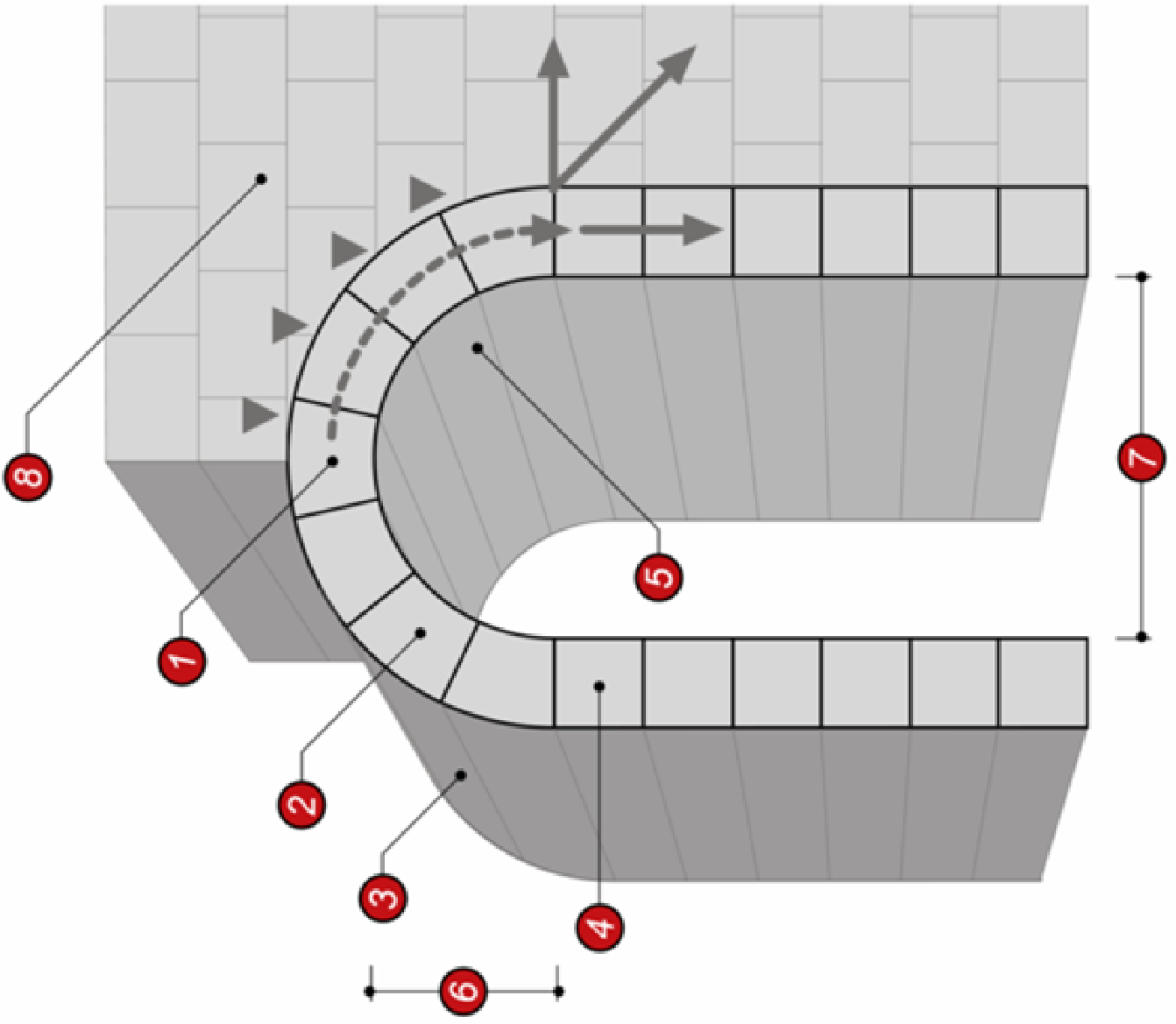
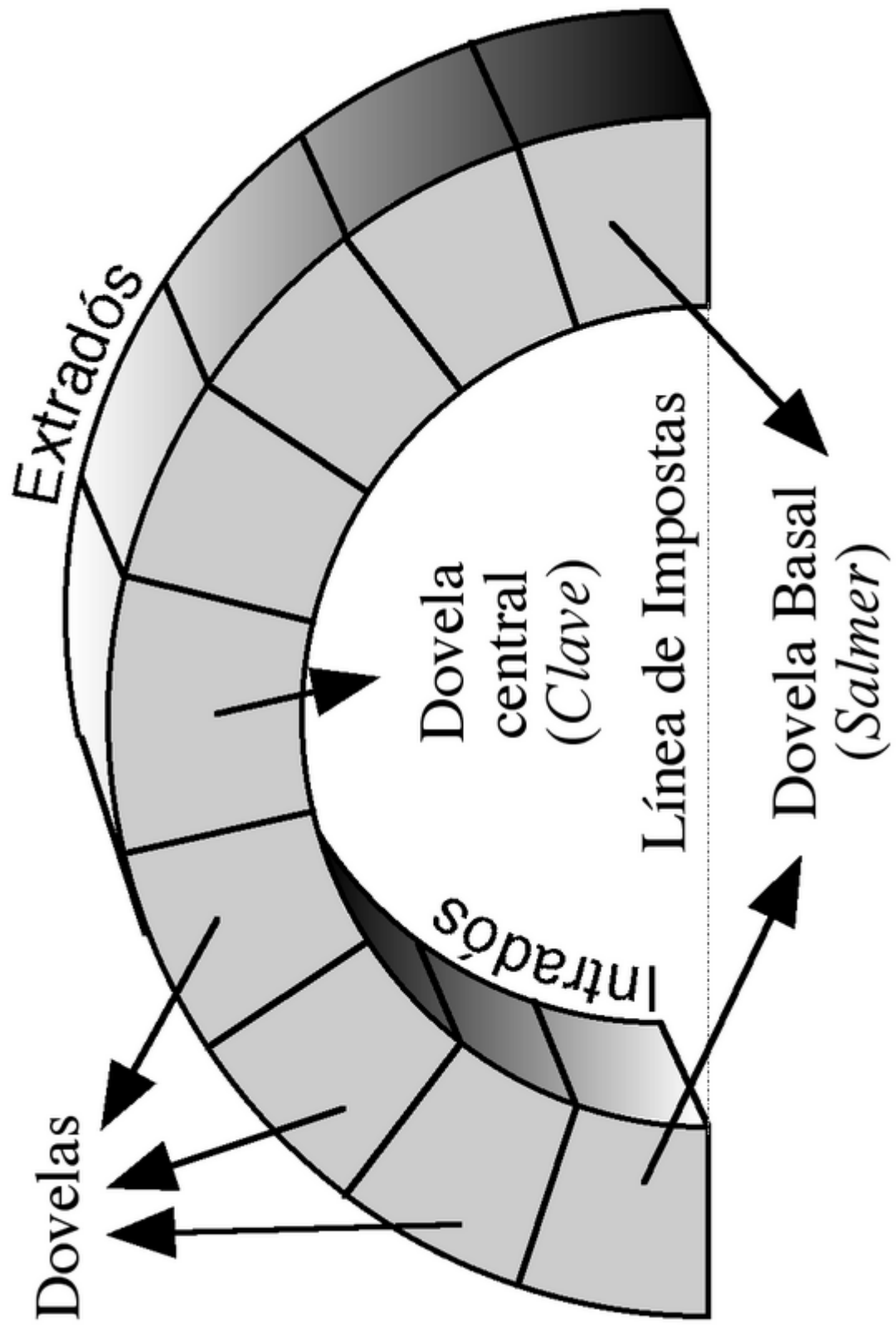


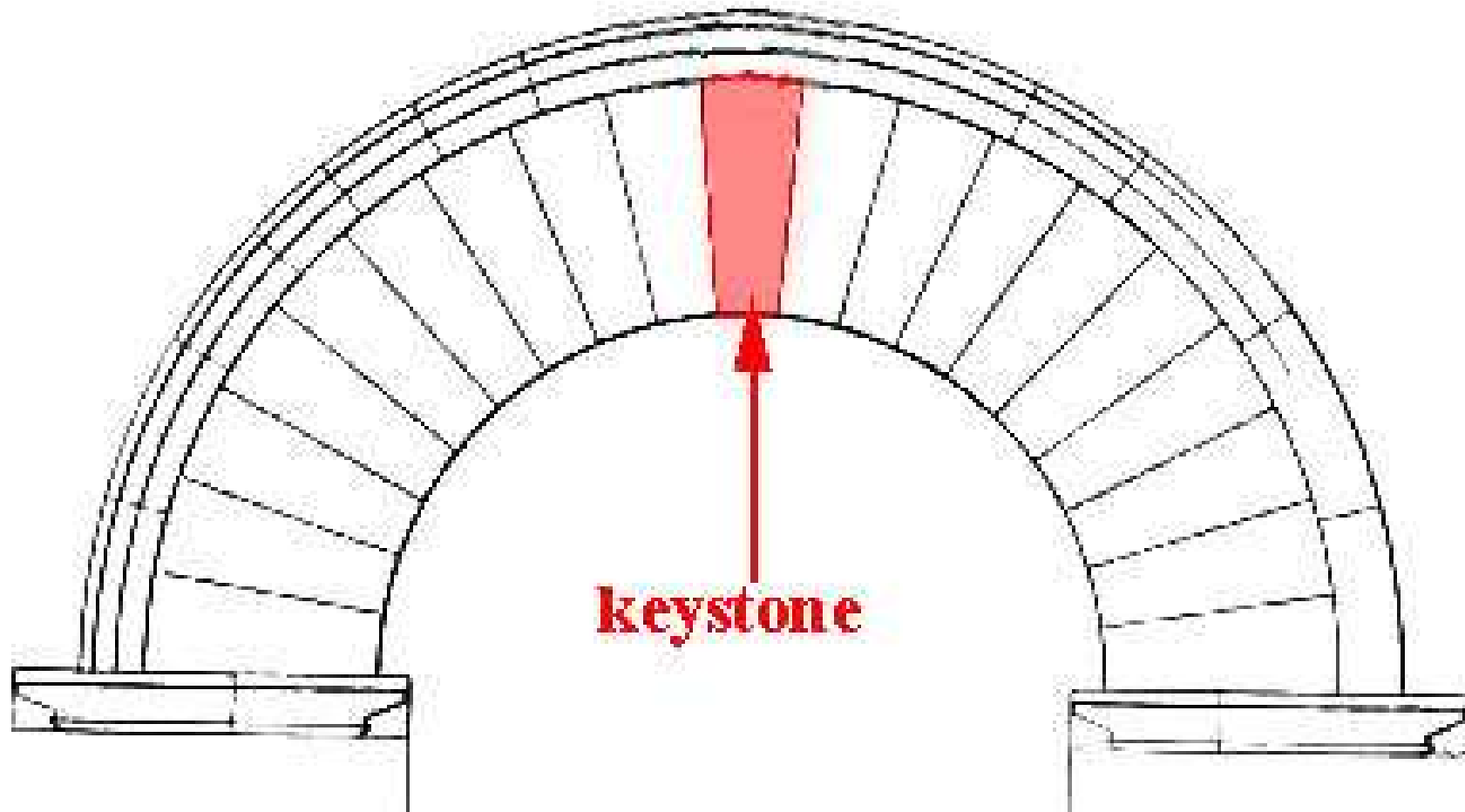
Fig. 72  
El arco.

- |                 |                  |
|-----------------|------------------|
| 1. Imposta.     | 7. Extradós.     |
| 2. Salmer.      | 8. Rosca.        |
| 3. Dovela.      | 9. Luz o cuerda. |
| 4. Contraclave. | 10. Flecha.      |
| 5. Clave.       | 11. Riñón.       |
| 6. Intradós.    | 12. Jamba.       |

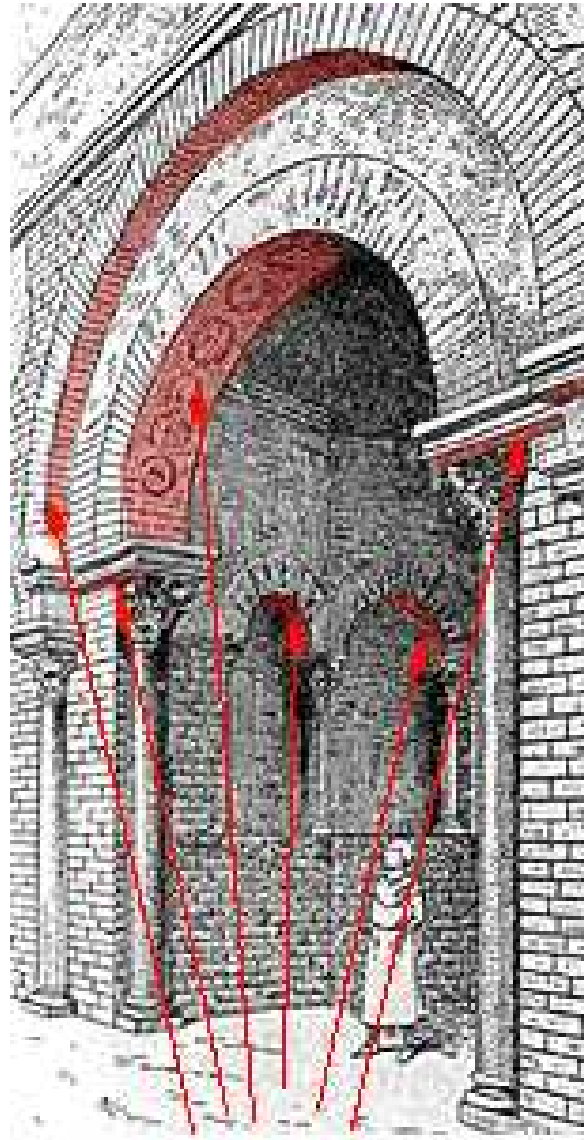




# CLAVE

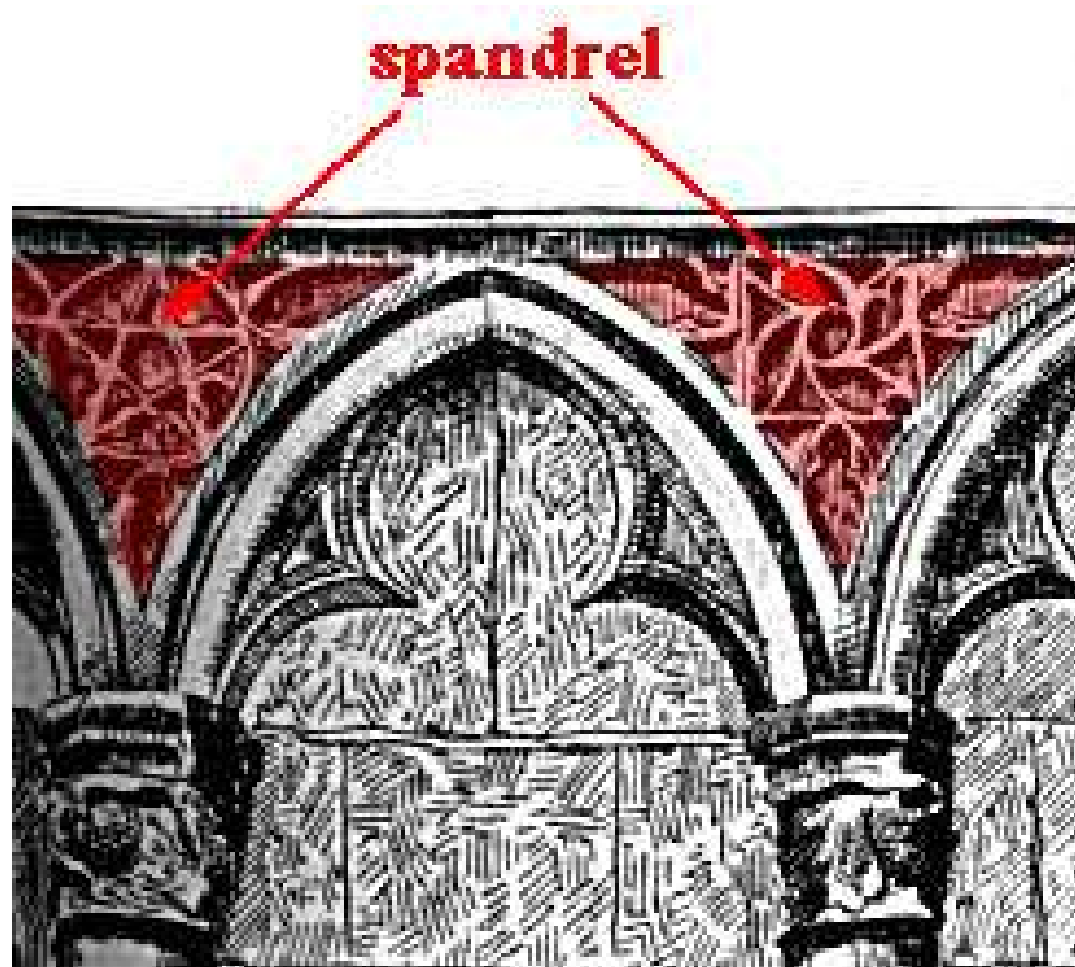


# INTRADÓS

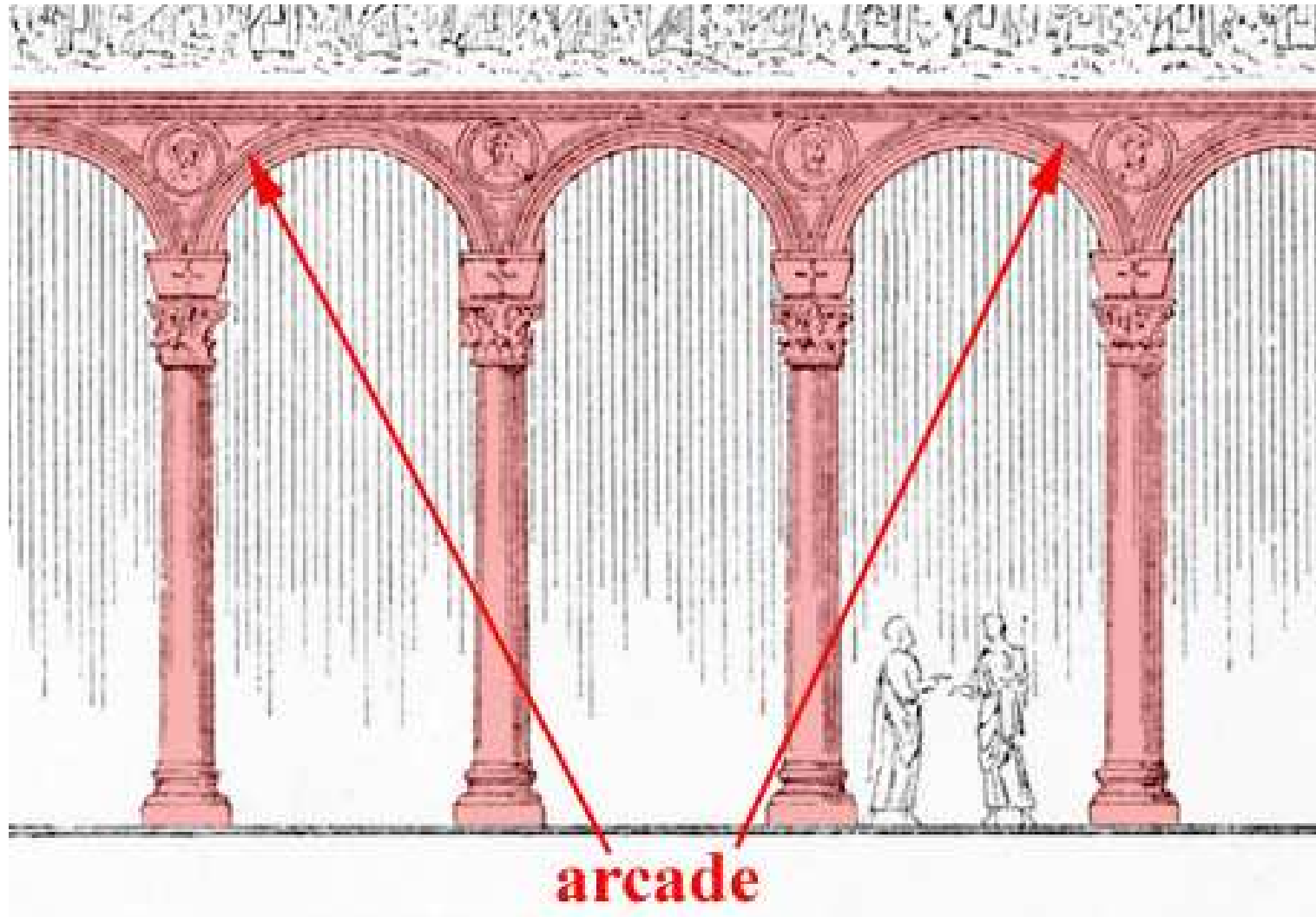


**soffit**

# ENJUTAS

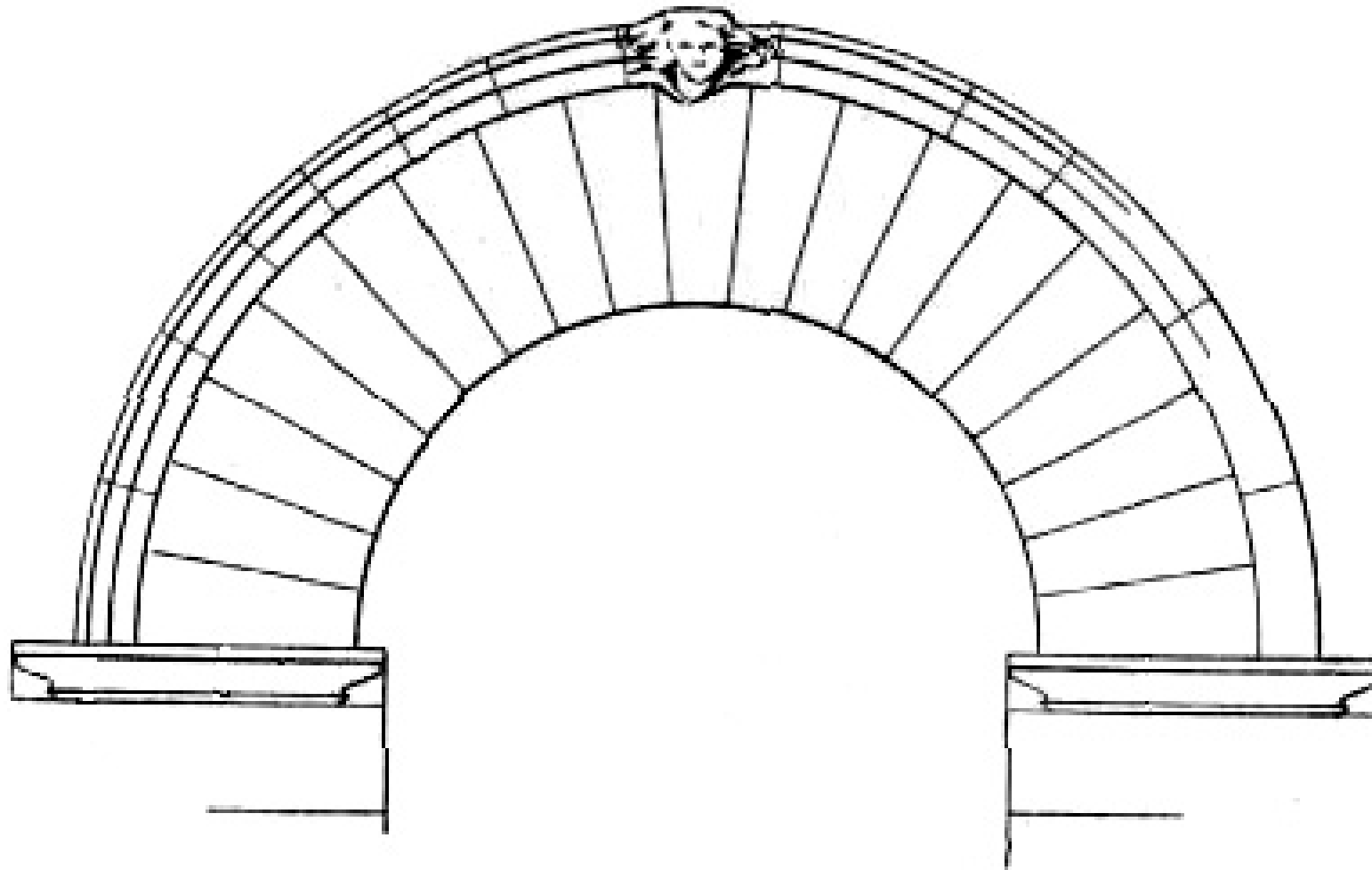


# ARQUERÍA O ARCADA

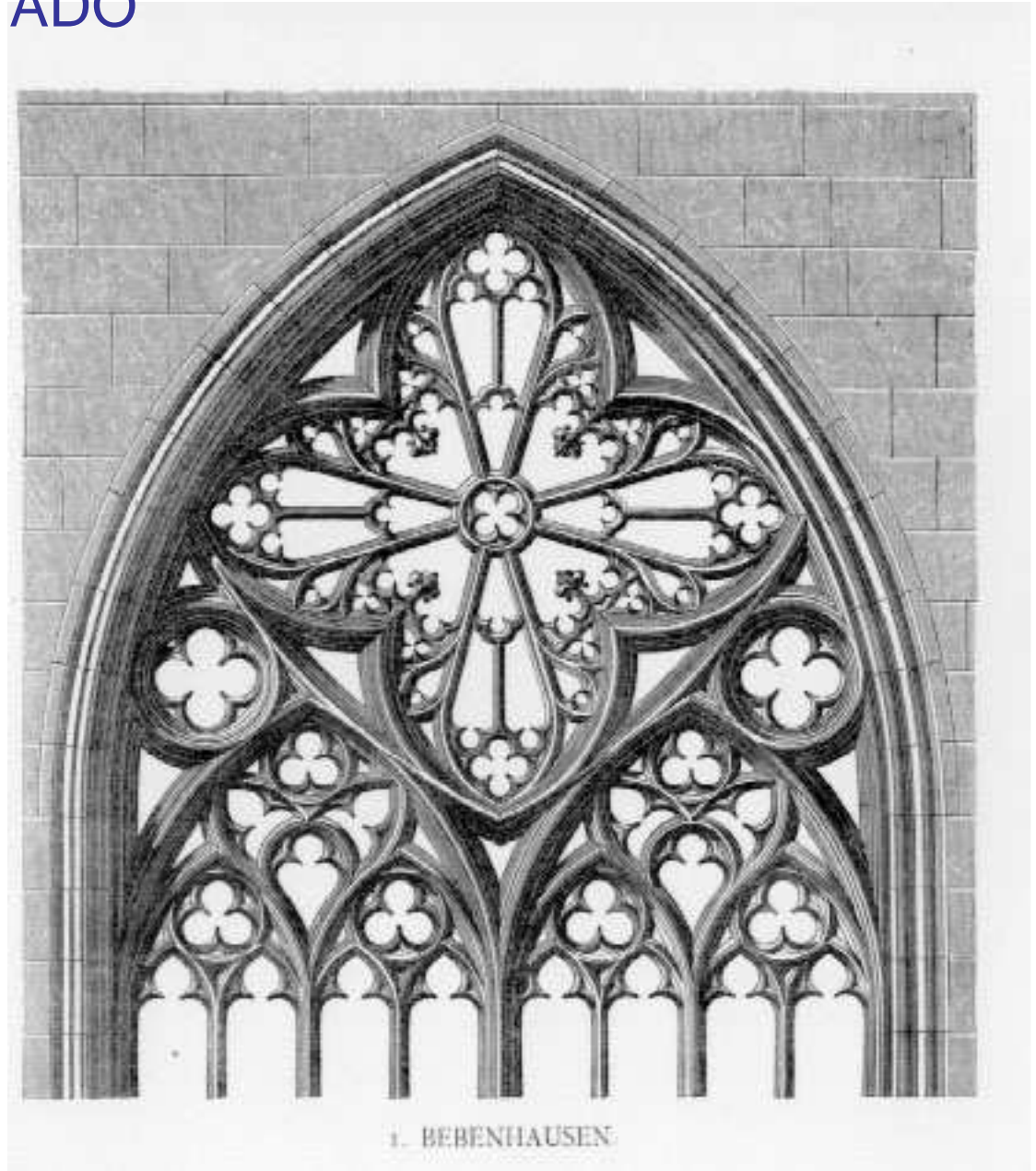
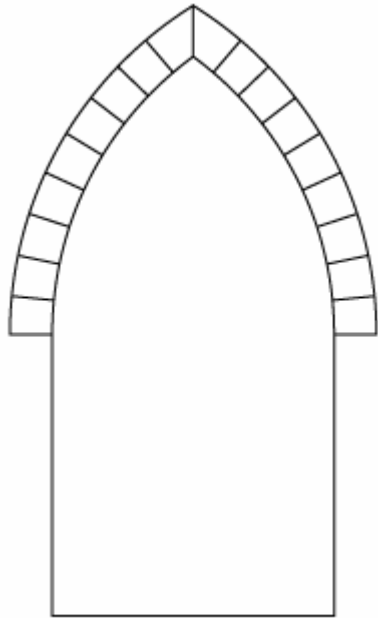




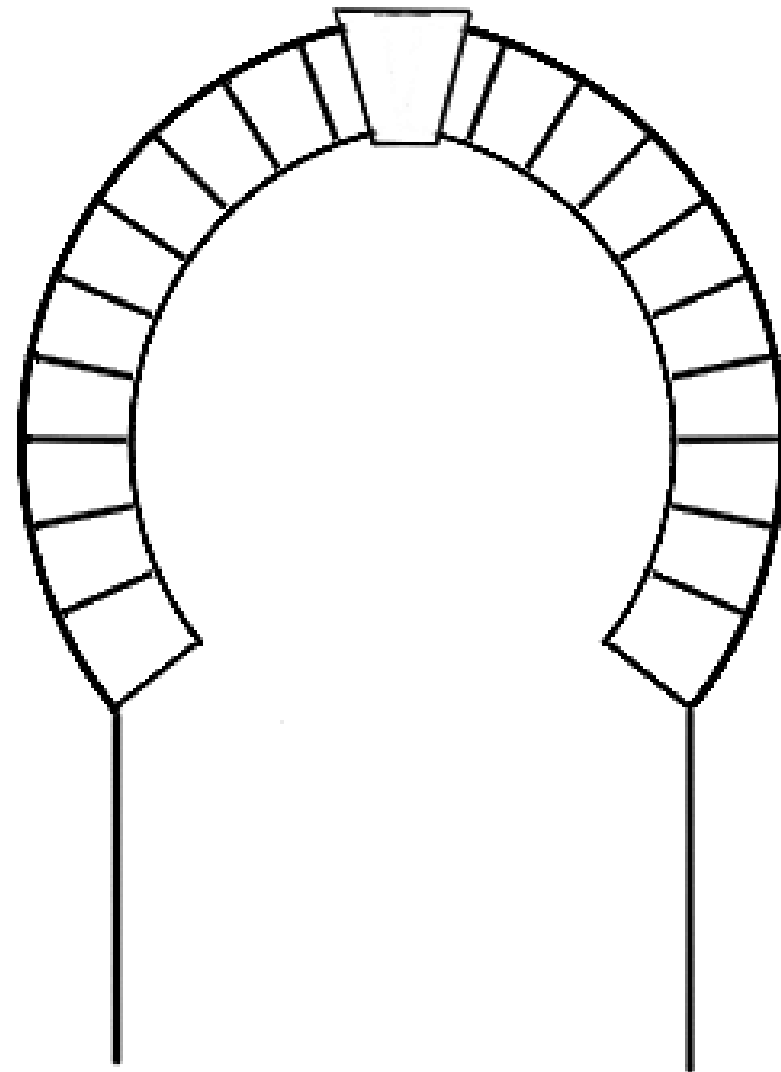
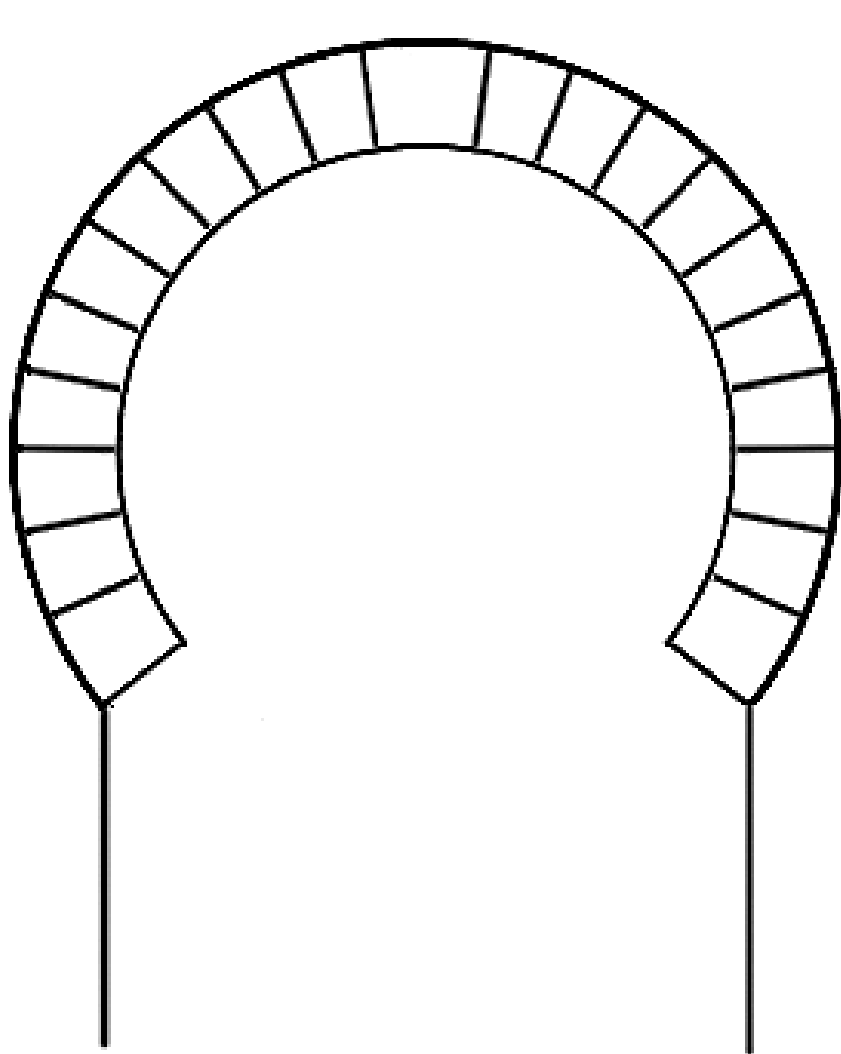
# ARCO DE MEDIO PUNTO

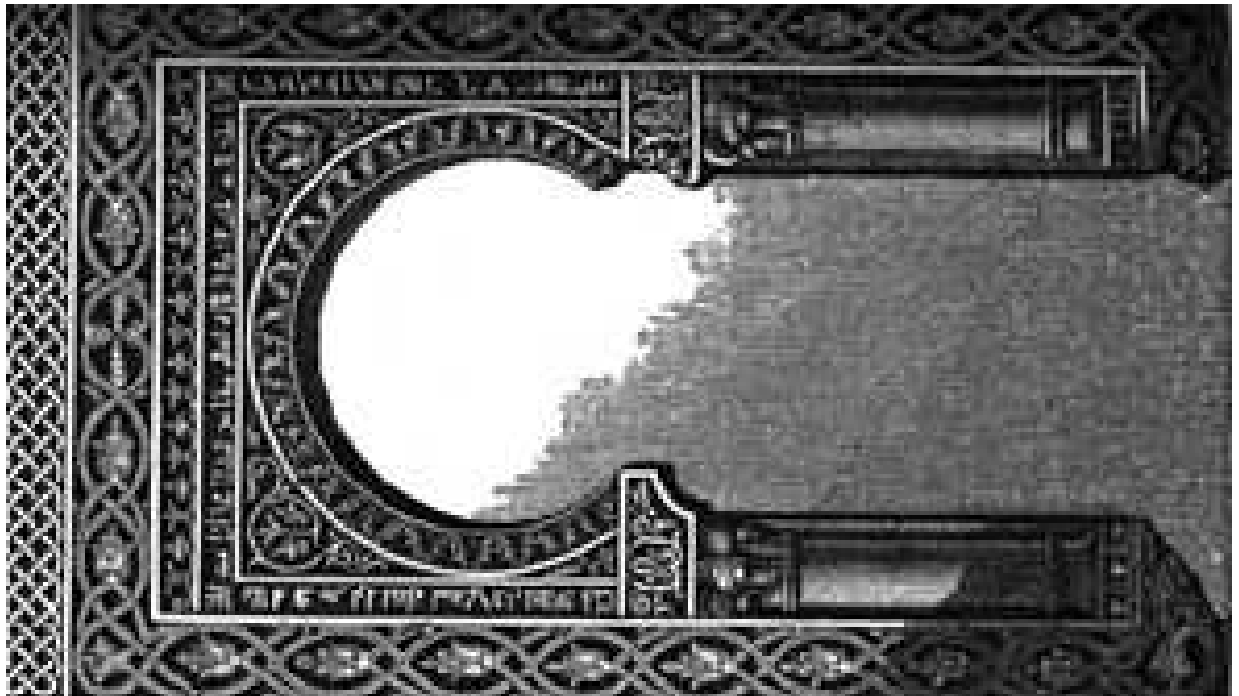


# ARCO OJIVAL O APUNTADO

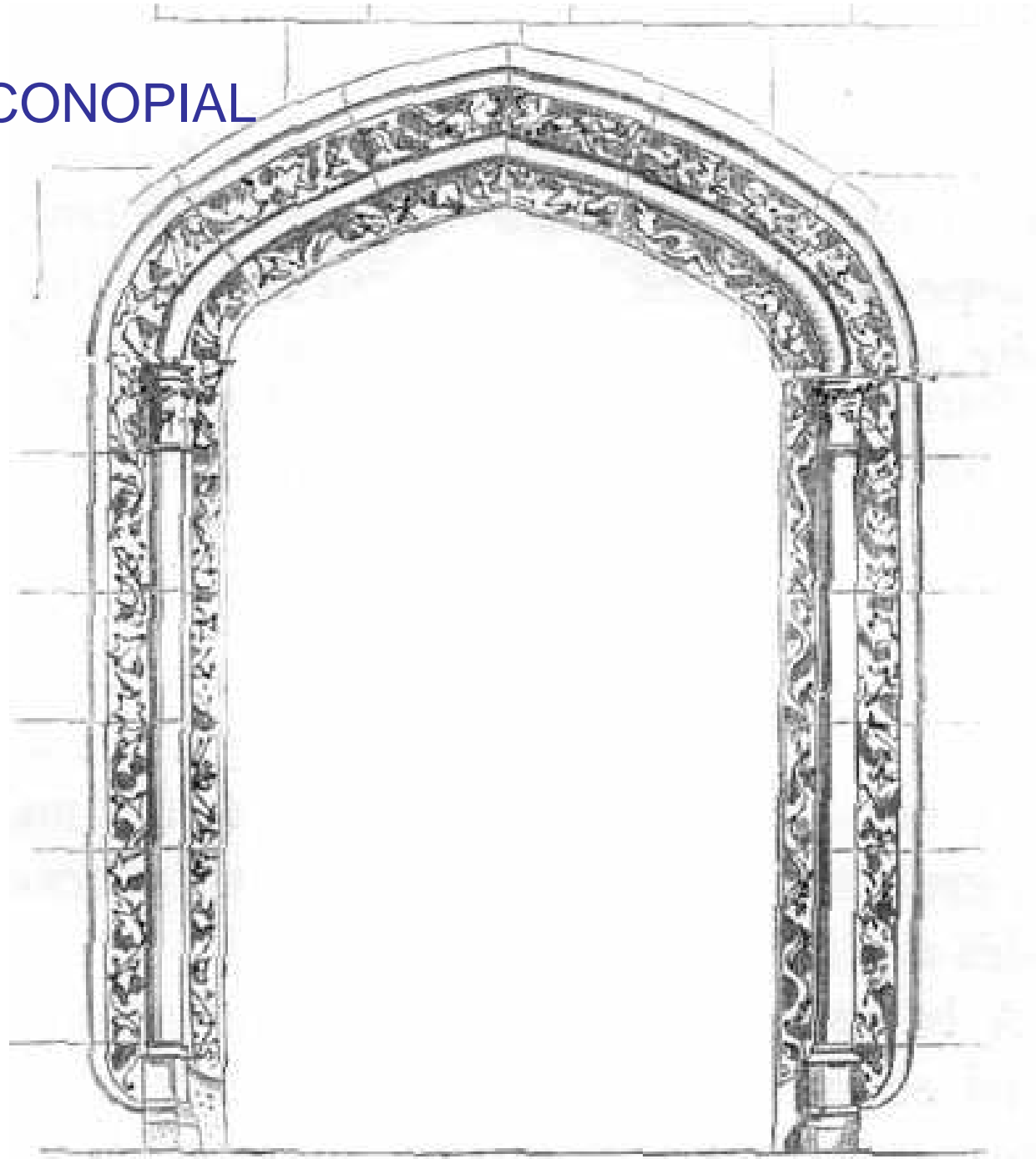


# ARCO DE HERRADURA

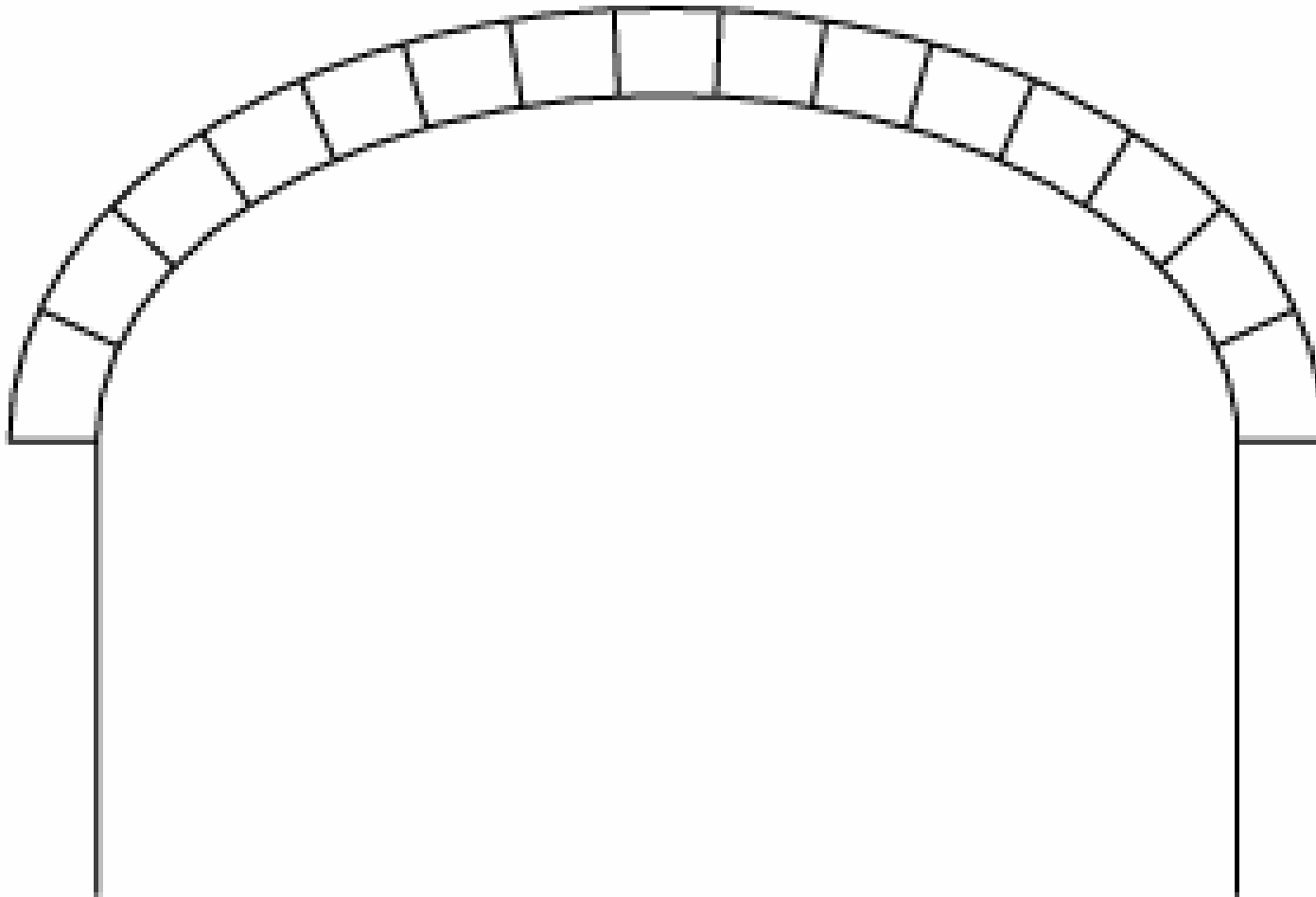




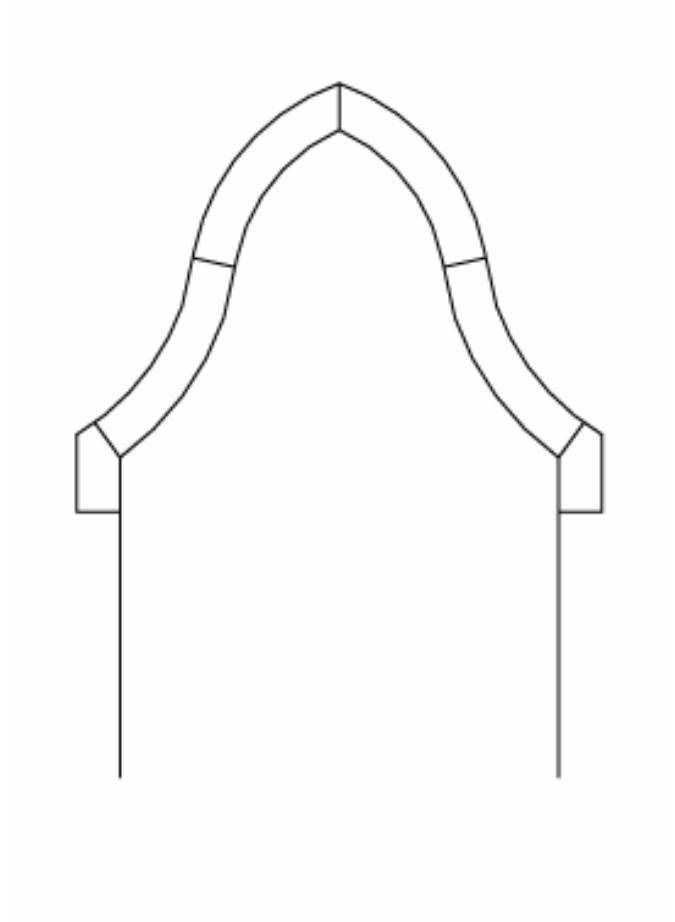
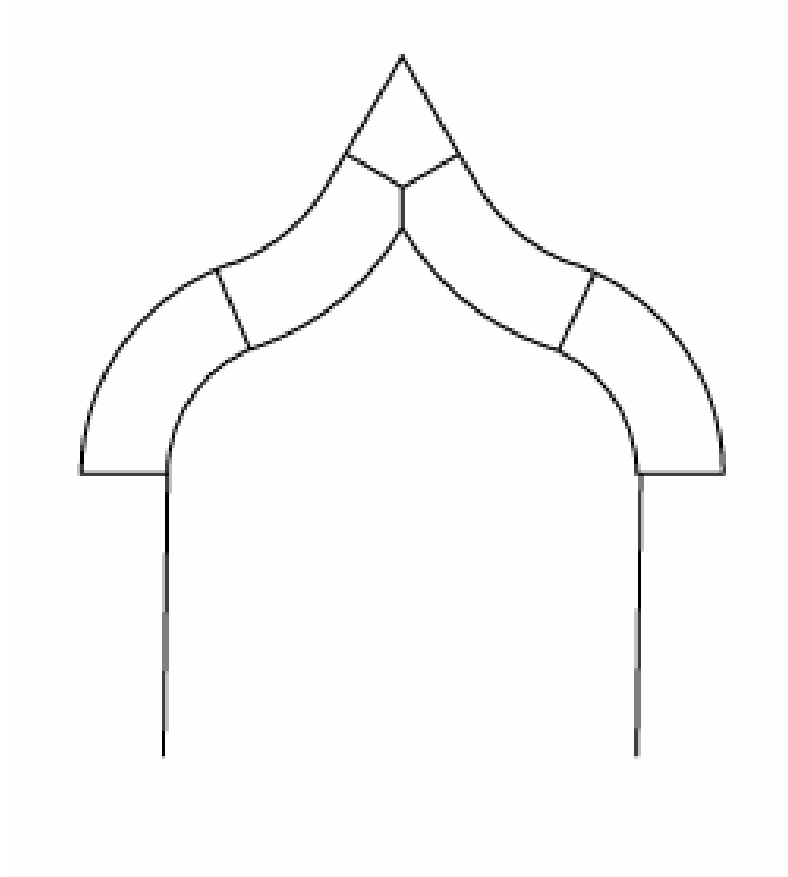
# ARCO CONOPIAL

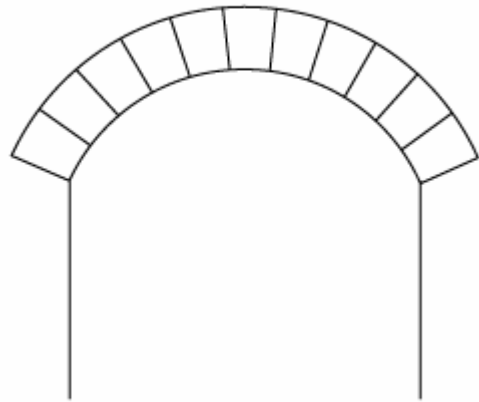


# ARCO ESCARZANO O REBAJADO

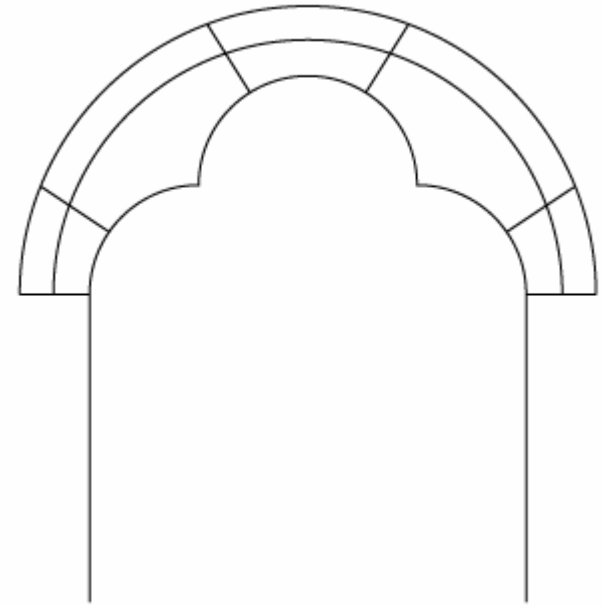


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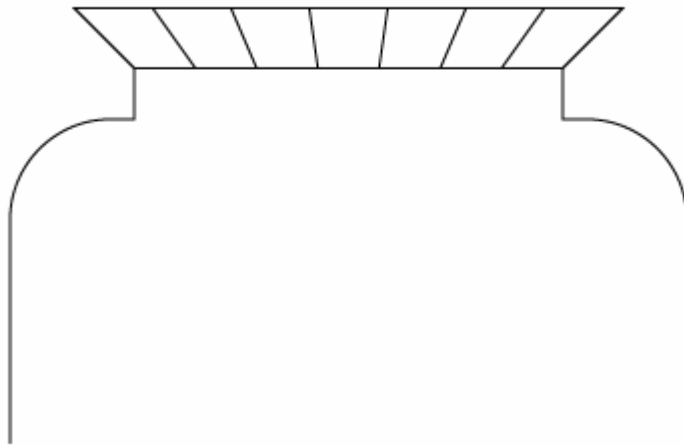




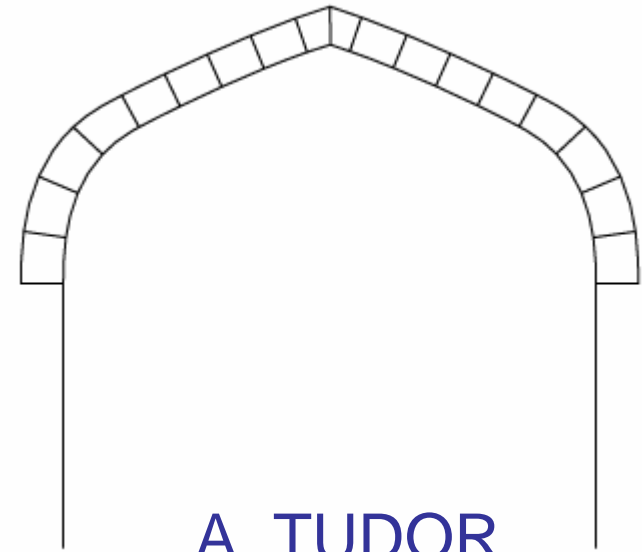
A. ESCARZANO



A. LOBULADO



A. ADINTELADO O  
B. DE DESCARGA



A. TUDOR



# VARIEDADES DE ARCOS

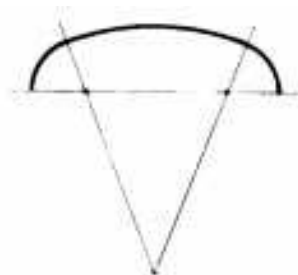


Fig. 95  
Apainelado o carpanel de tres centros.

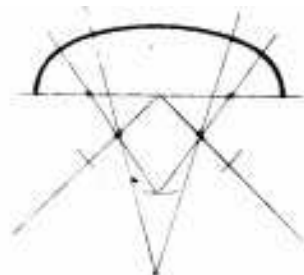


Fig. 96  
Apainelado o carpanel de cinco centros.

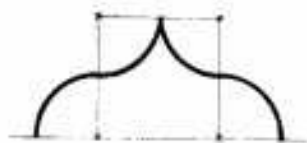


Fig. 97  
Conoidal.

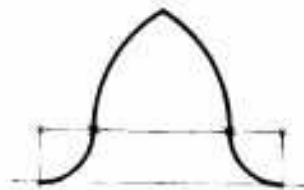


Fig. 98  
En gola.

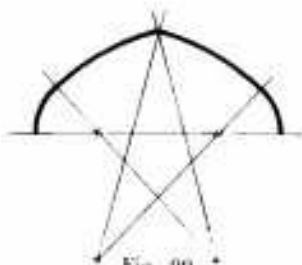


Fig. 99  
Apainelado apuntado o tudor.

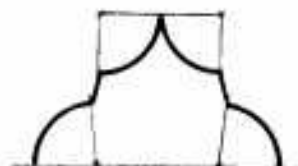


Fig. 100  
Mixtilíneo.



Fig. 101

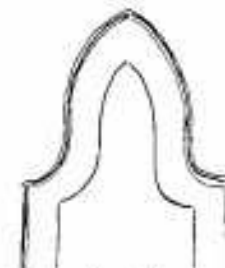


Fig. 103  
La gola.



Fig. 102  
Conoidal.



Fig. 104  
Apainelado apuntado.

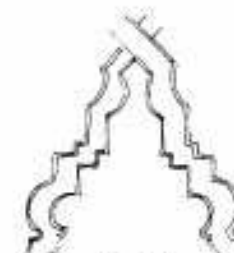


Fig. 105  
Mixtilíneo.

# ARCOS SEGÚN SU FUNCIÓN

DIAFRAGMA

TORALES



Fig. 117  
Triunfal.



Fig. 118  
Diafragma.

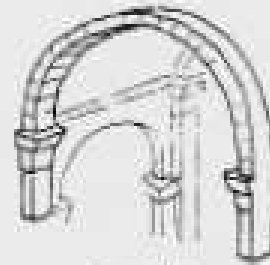


Fig. 119  
Fajón.

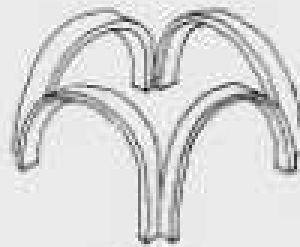


Fig. 120  
Torales.

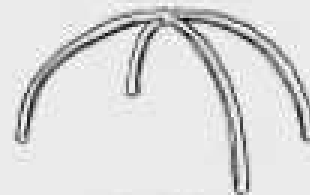


Fig. 121  
Cruceros.

TRIUNFAL

FAJÓN

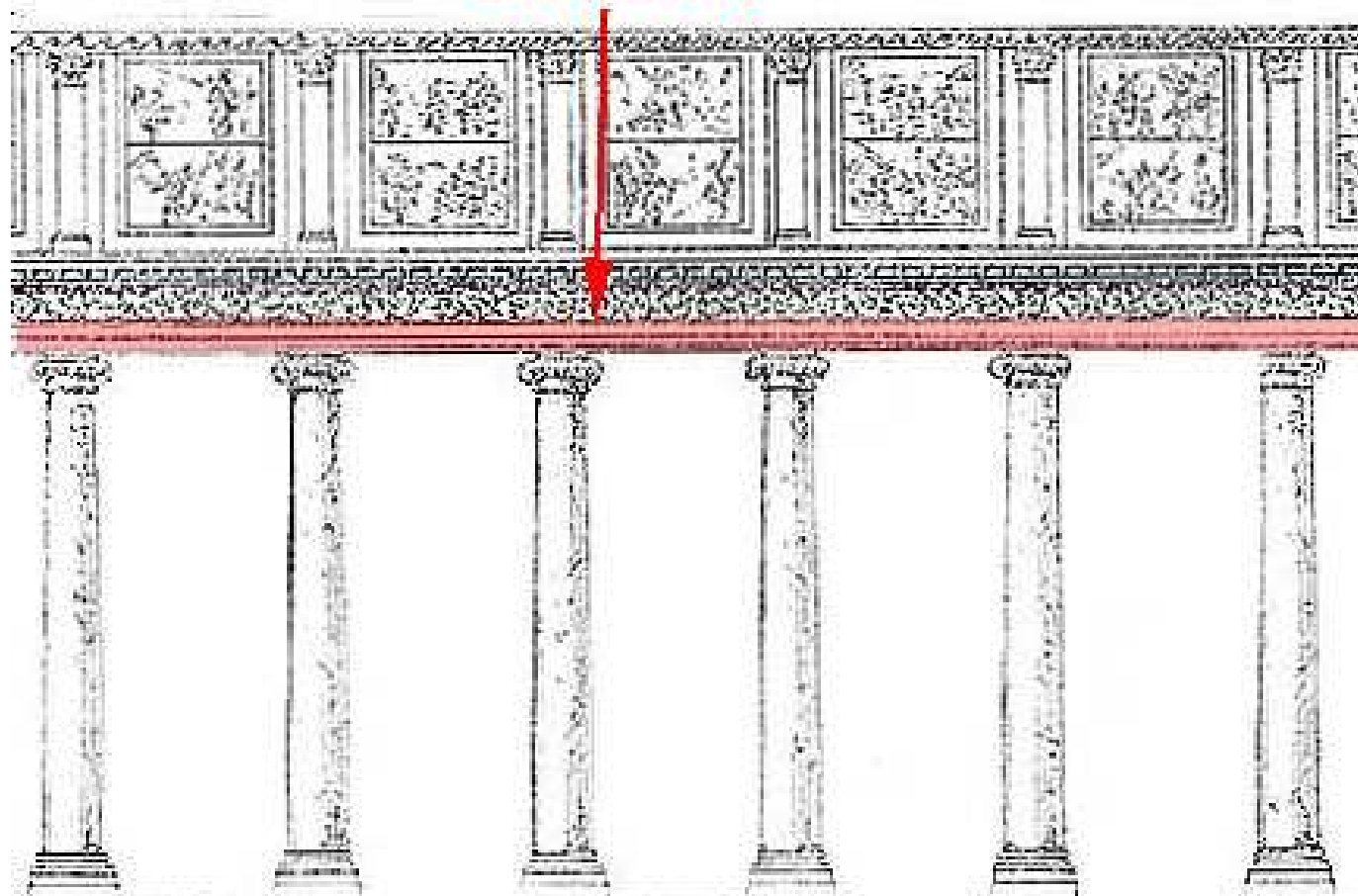
CRUCEROS  
(NERVIOS)

# ELEMENTOS SOPORTADOS

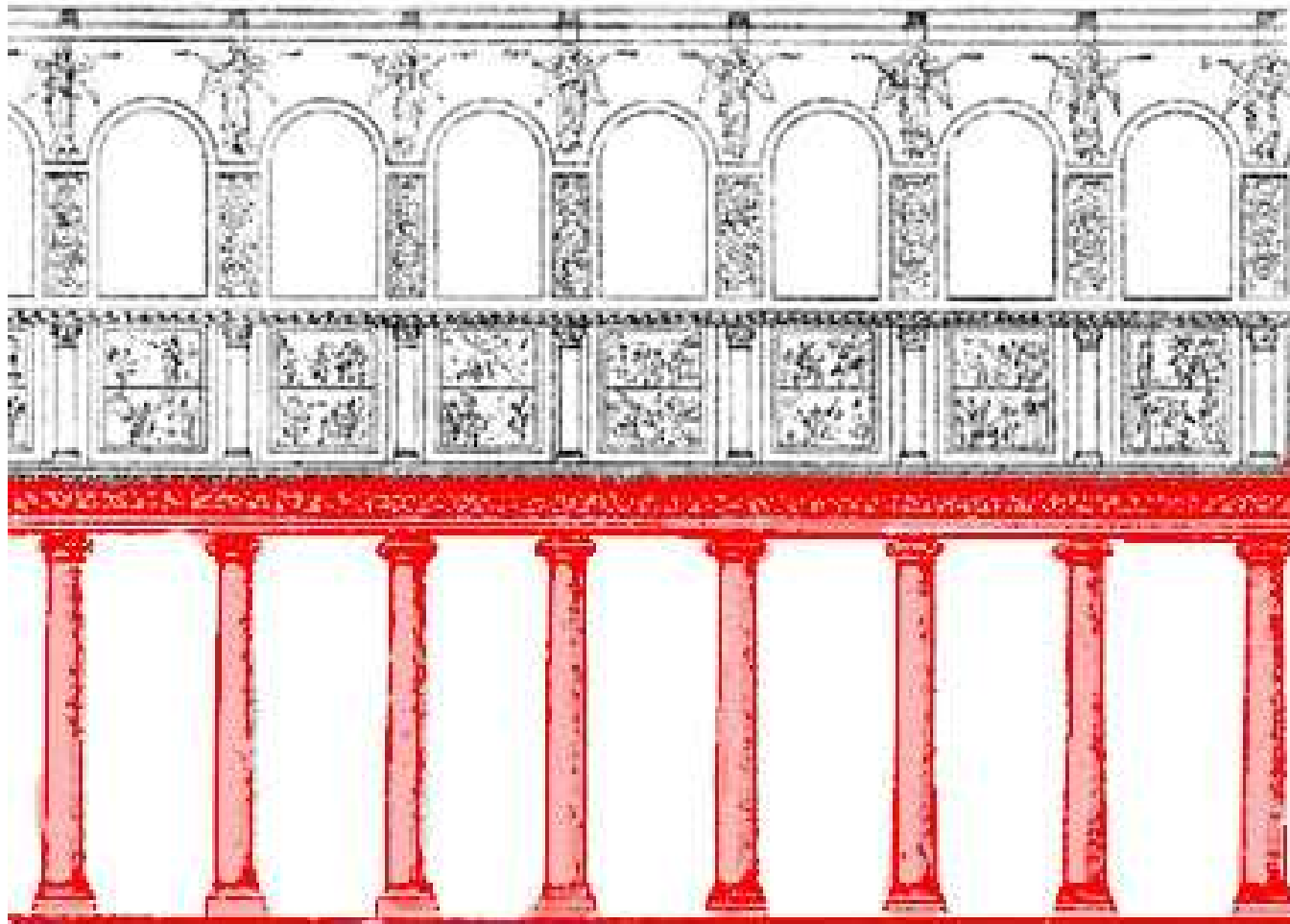
- SISTEMAS ARQUITRABADOS
  - BÓVEDAS
  - CÚPULAS
- CUBIERTAS DE MADERA

# ARQUITRABE O DINTEL

architrave

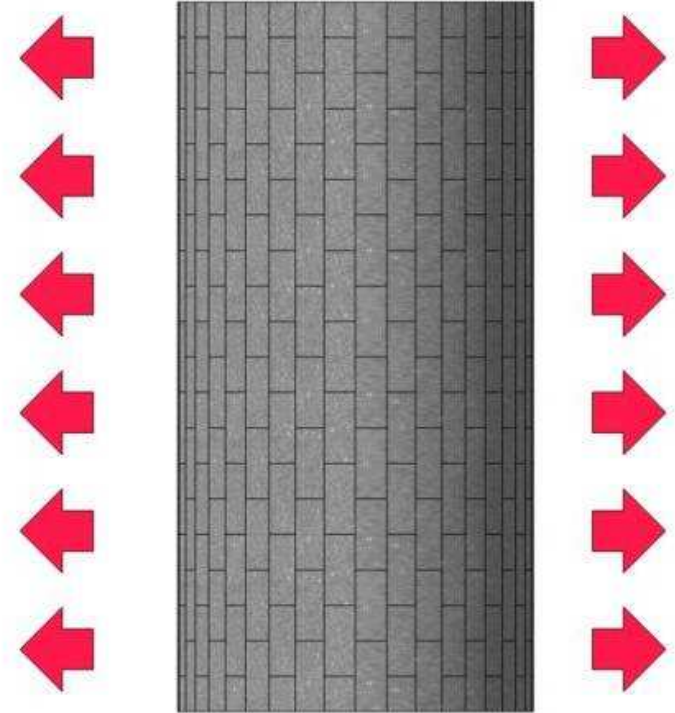
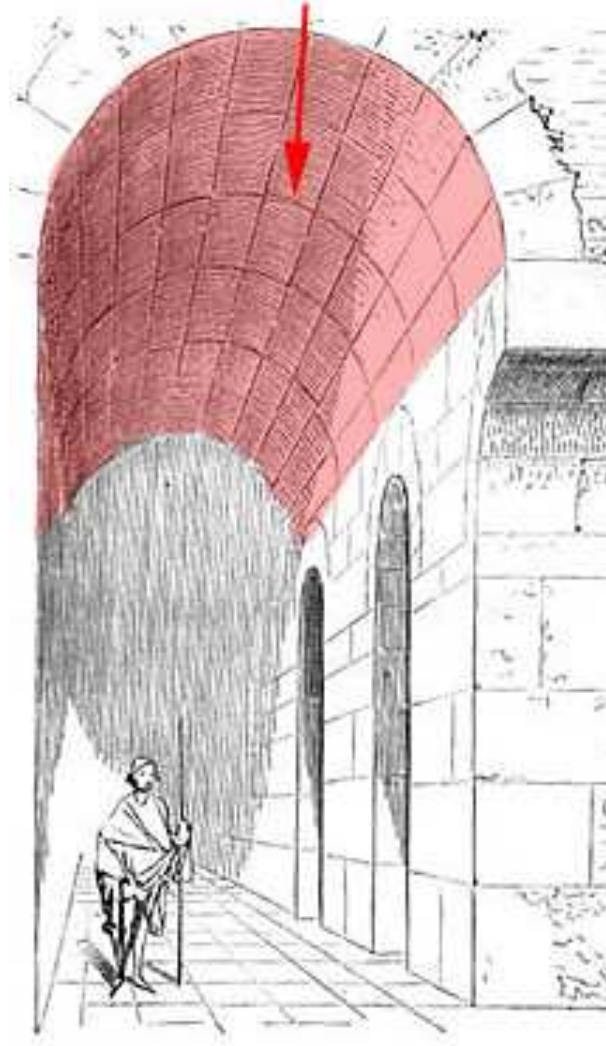


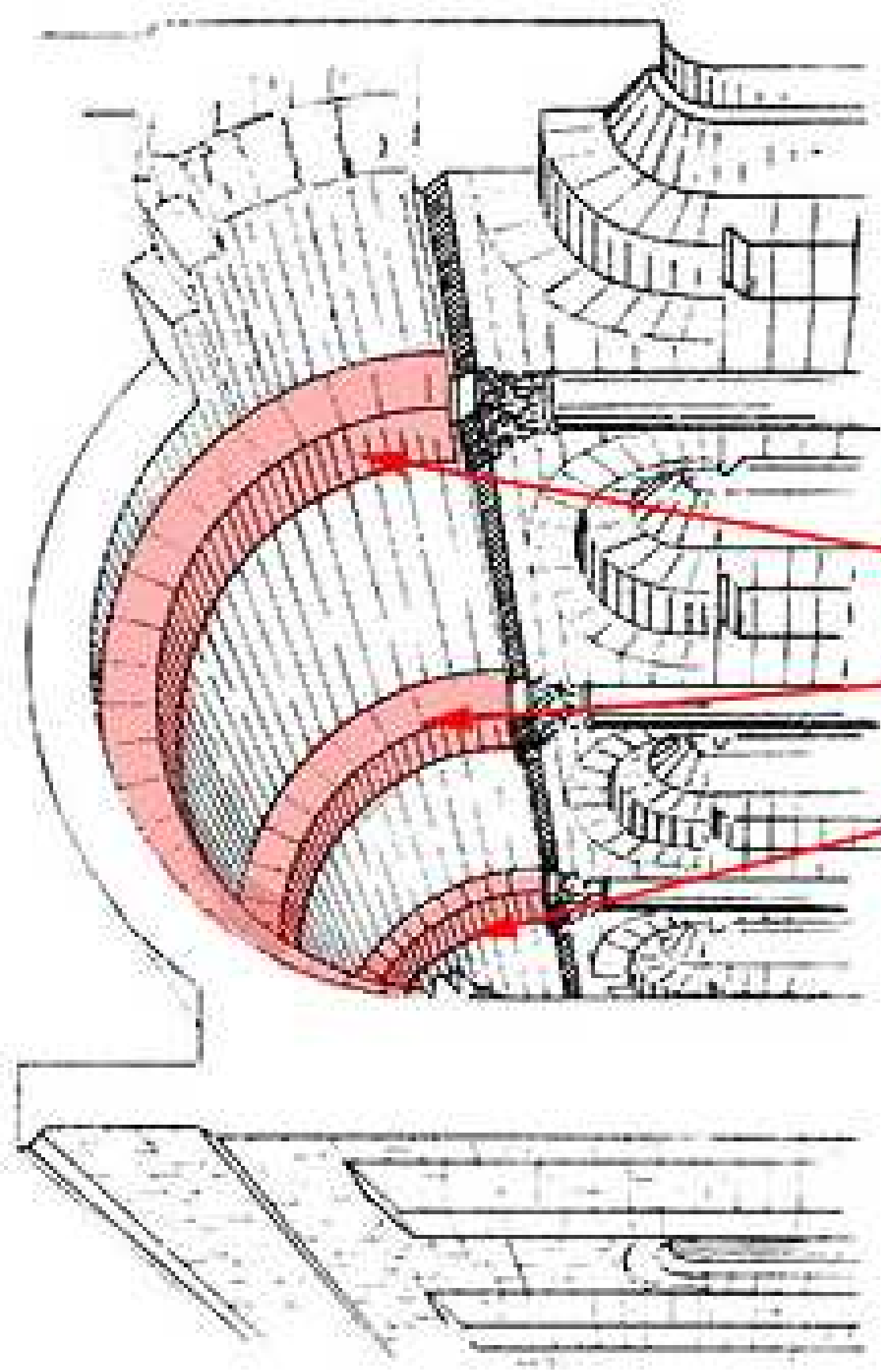
# SISTEMA ARQUITRABADO



# BÓVEDA DE MEDIO CAÑÓN

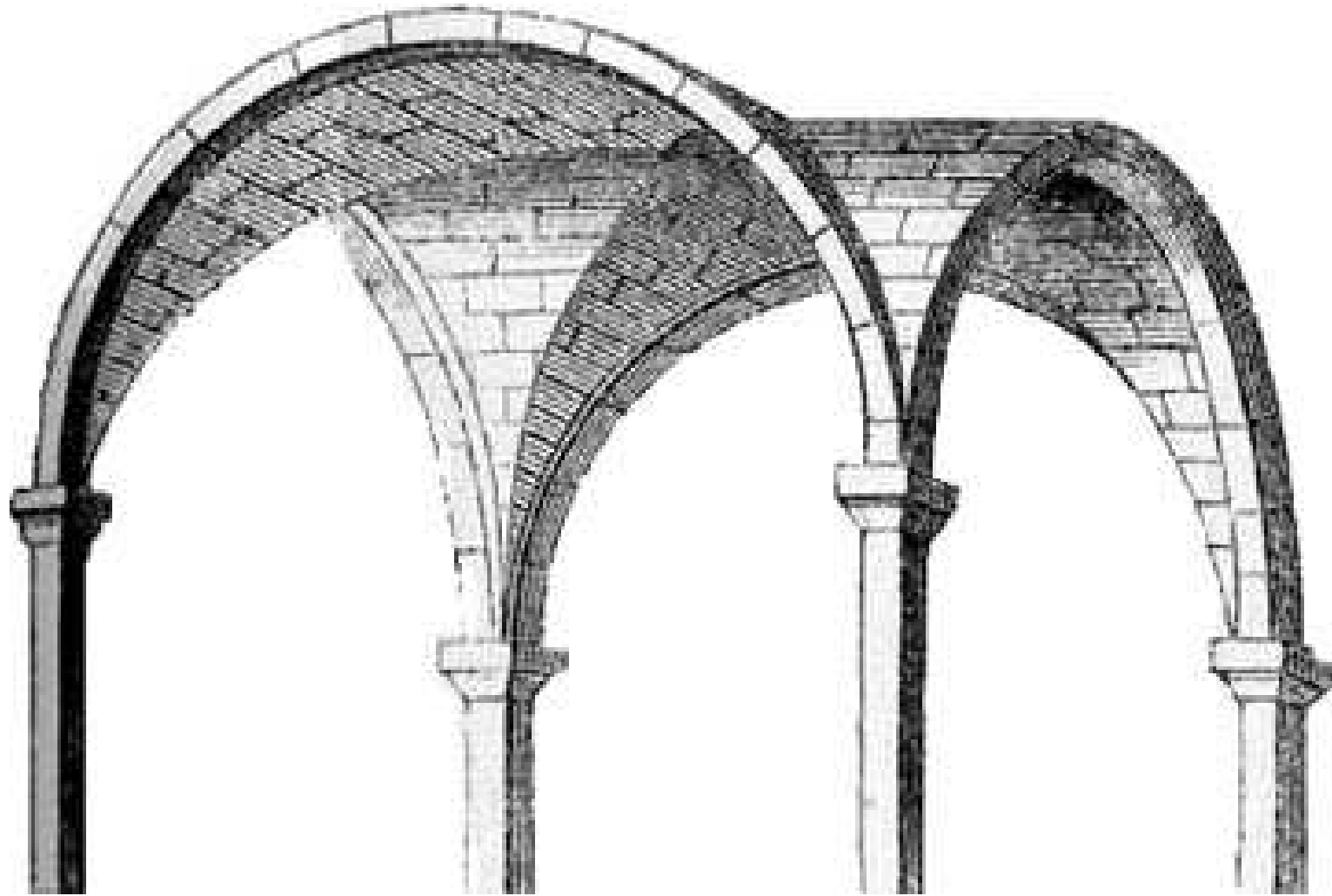
barrel vault  
or  
tunnel vault



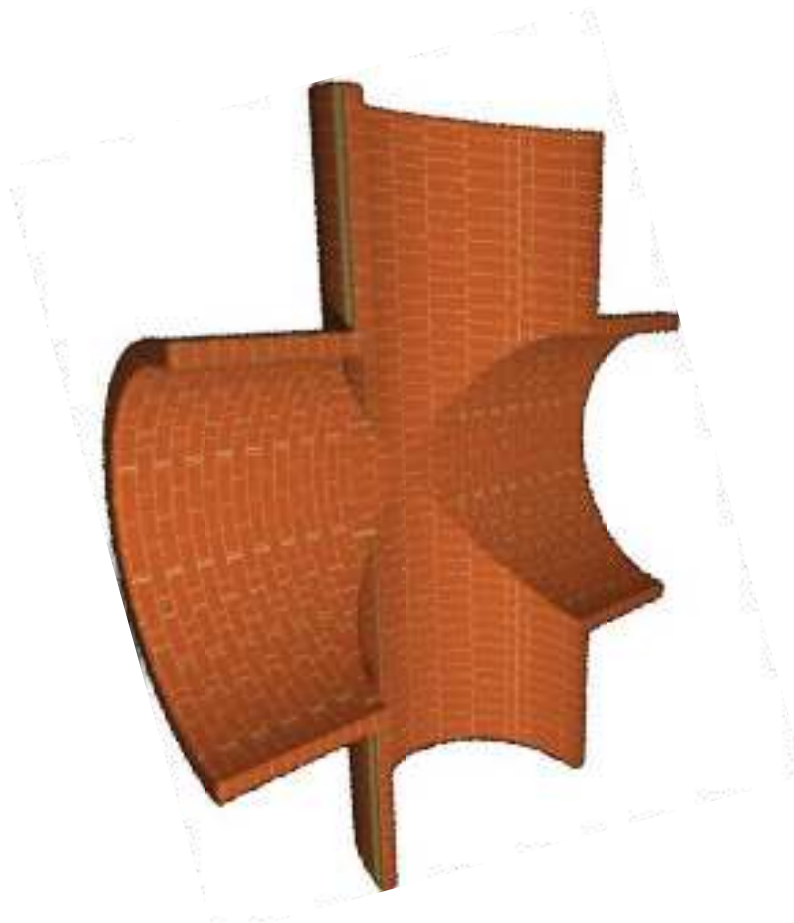
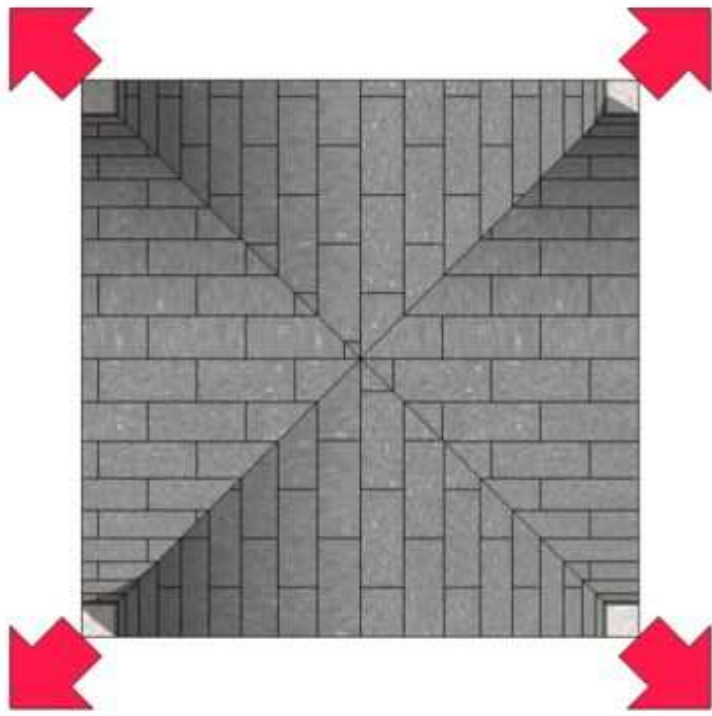


transverse arch

# BÓVEDA DE ARISTAS

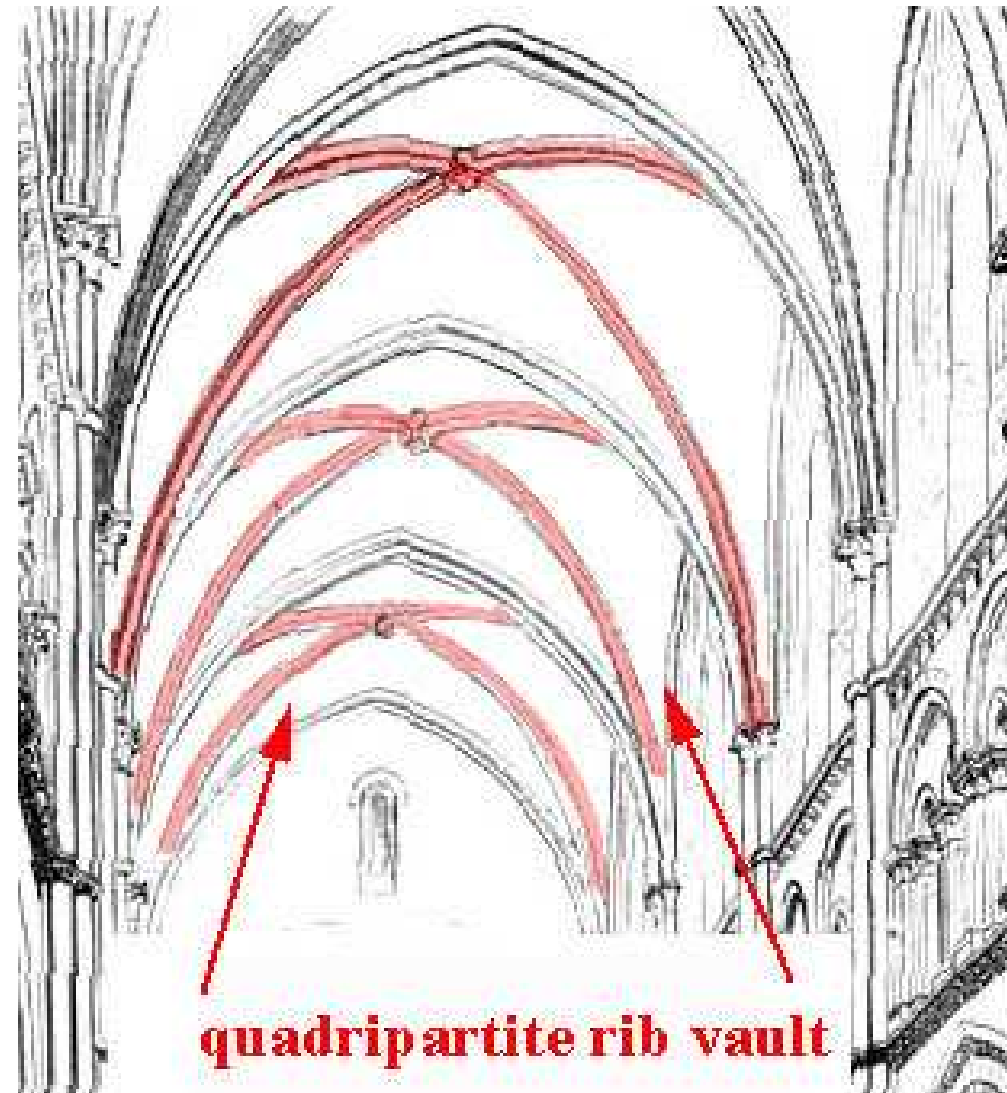


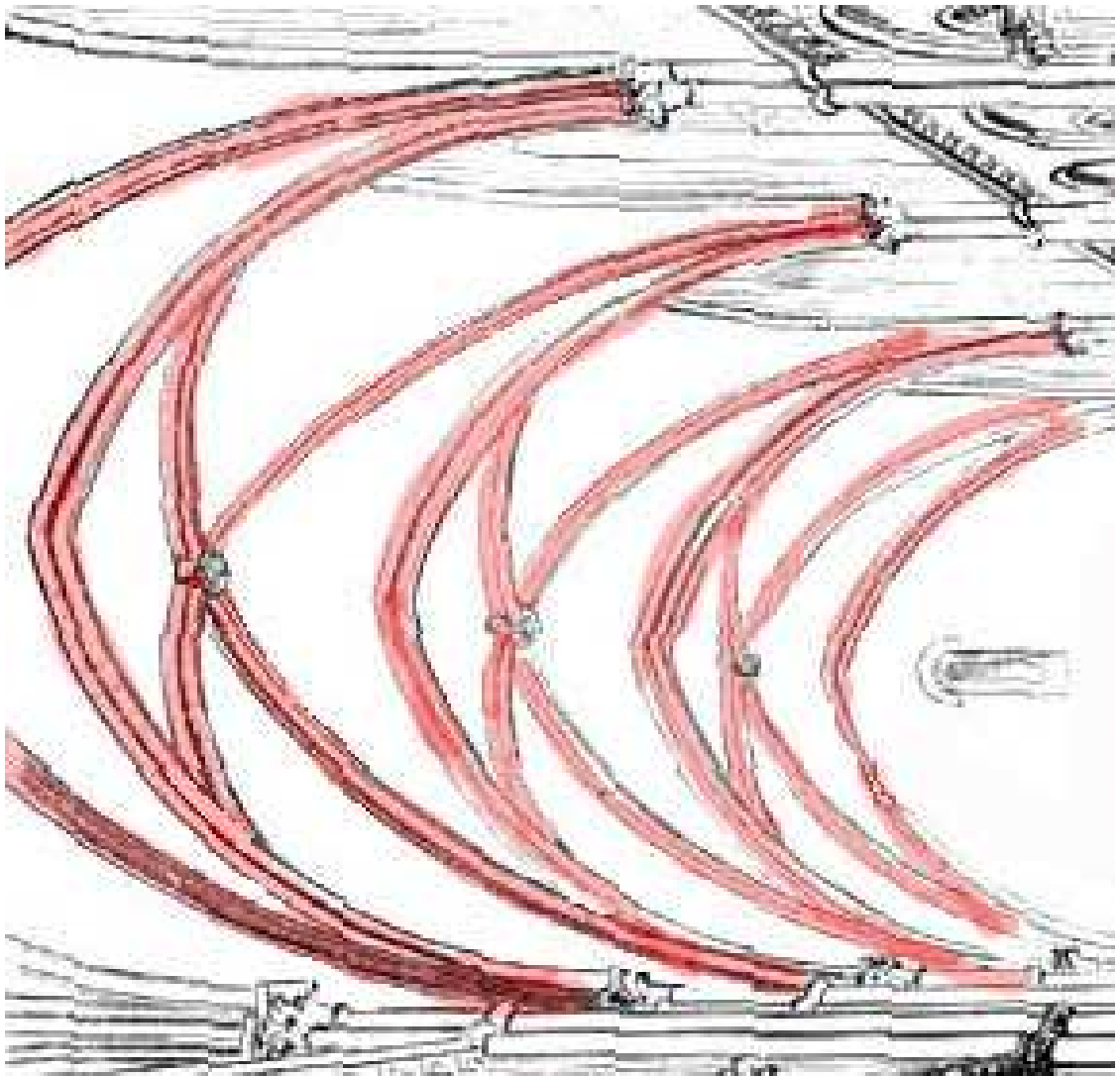




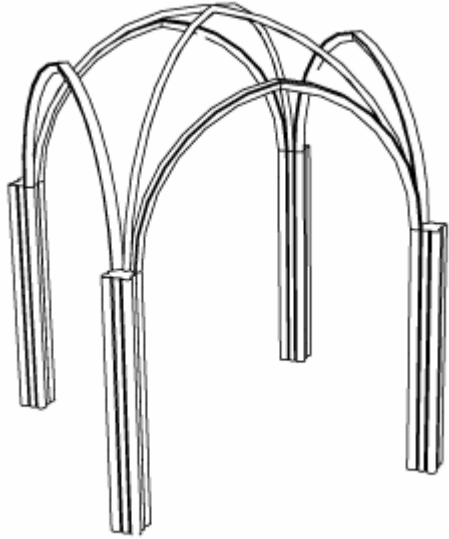


# BÓVEDA DE CRUCERÍA

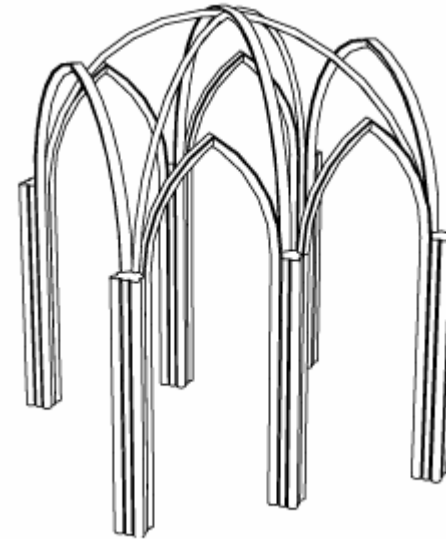




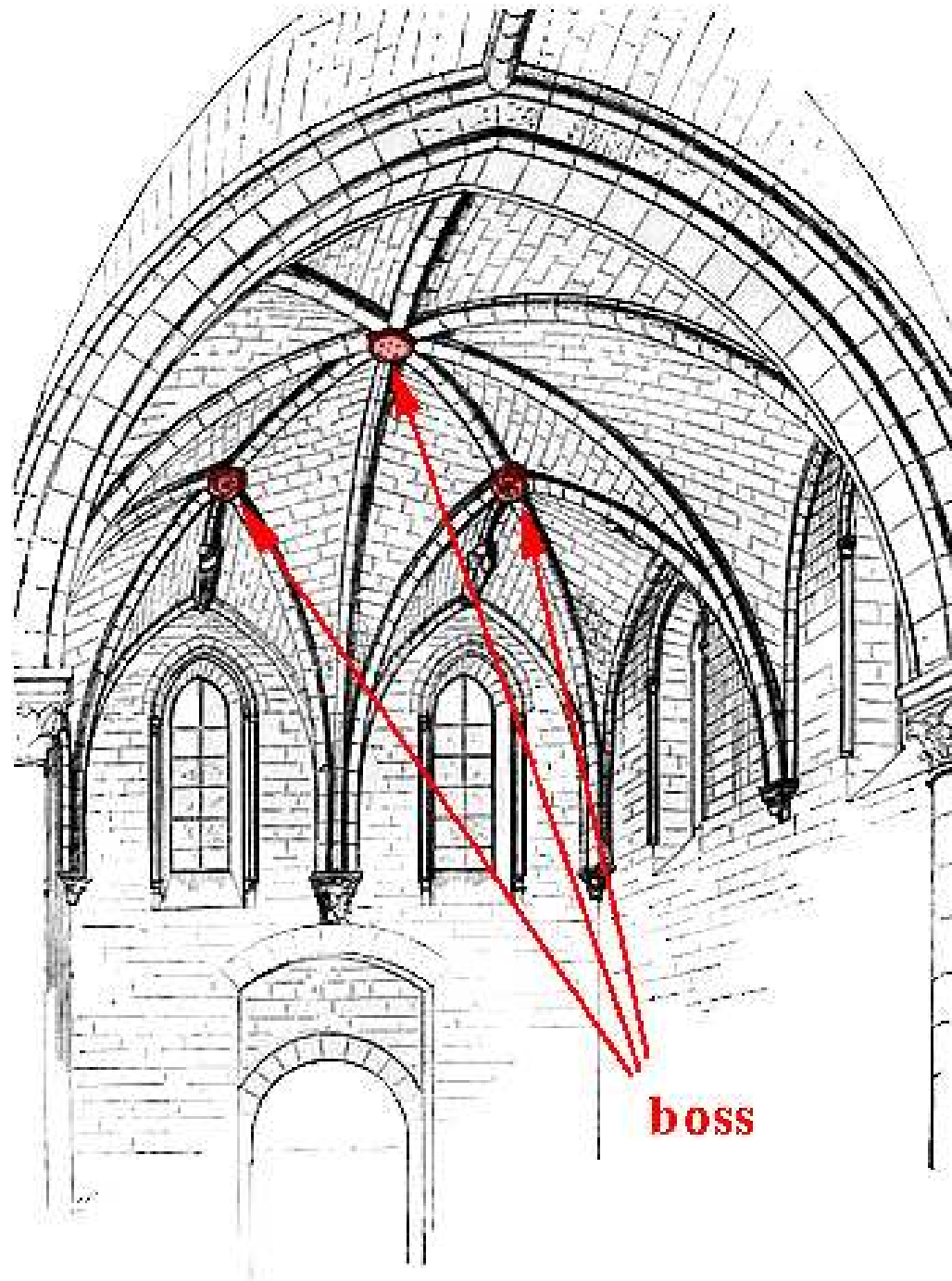
# CRUCERÍA SIMPLE



# CRUCERÍA SEXPARTITA

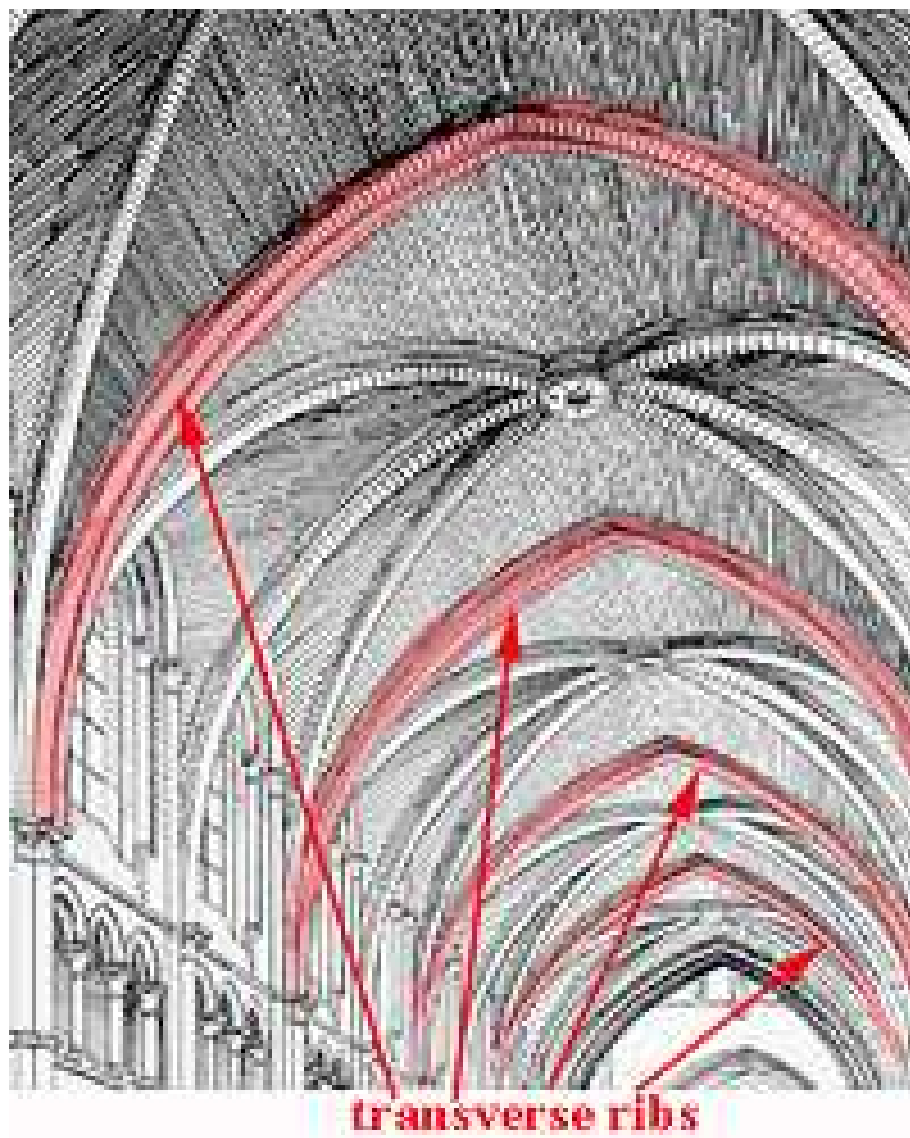


# CLAVES

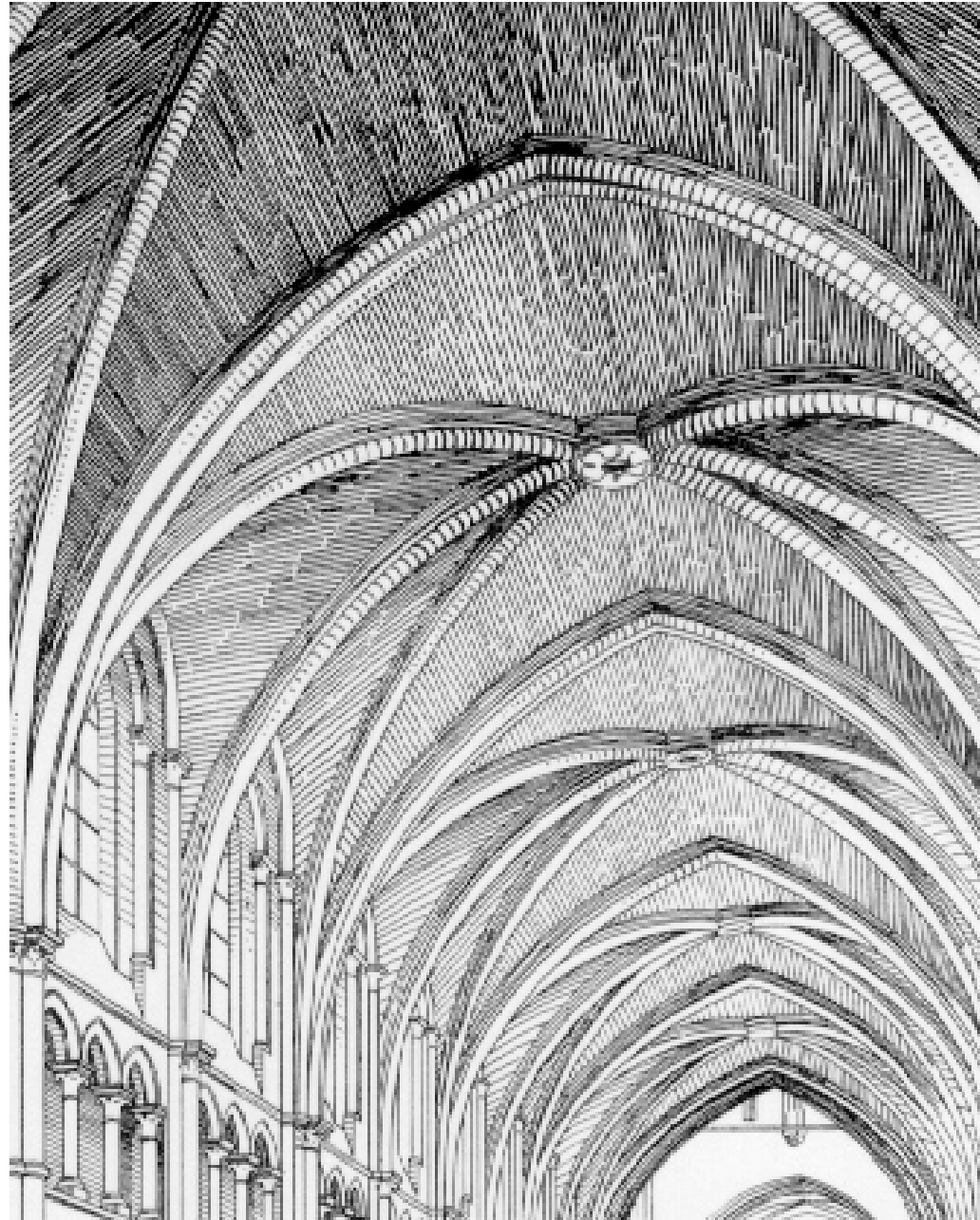




ARCOS FAJONES  
CON BÓVEDAS DE  
CRUCERÍA  
SEXPARTITAS

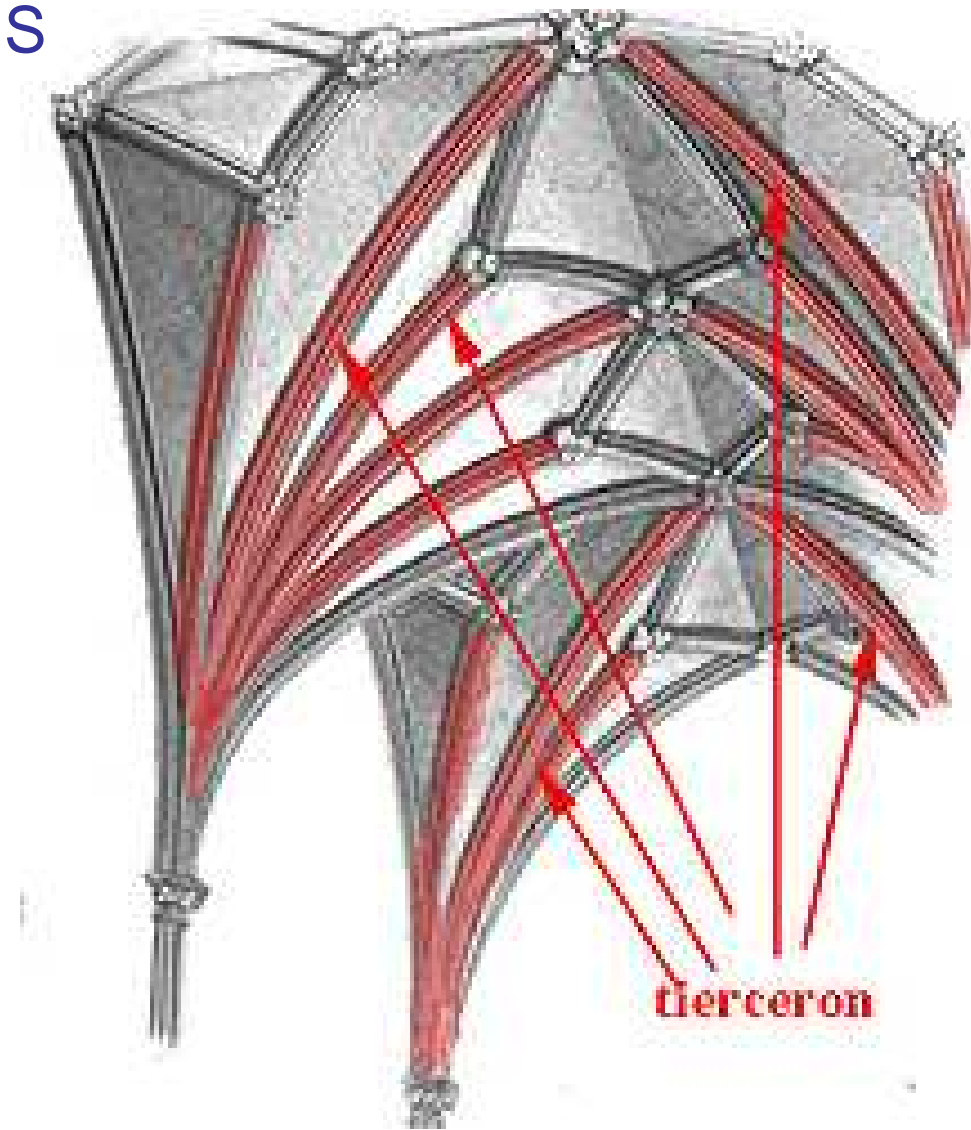


# BÓVEDAS SEXPARTITAS

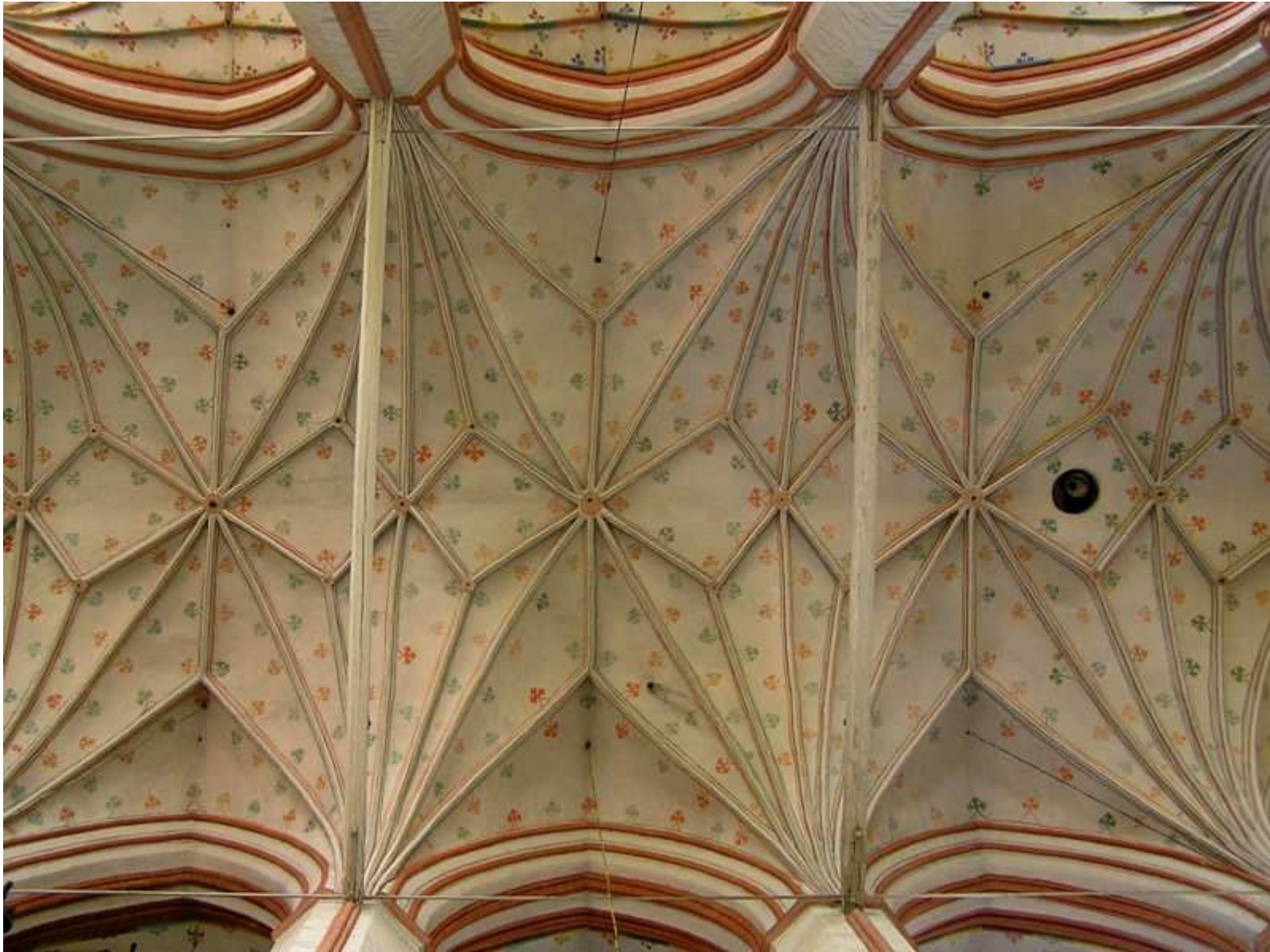




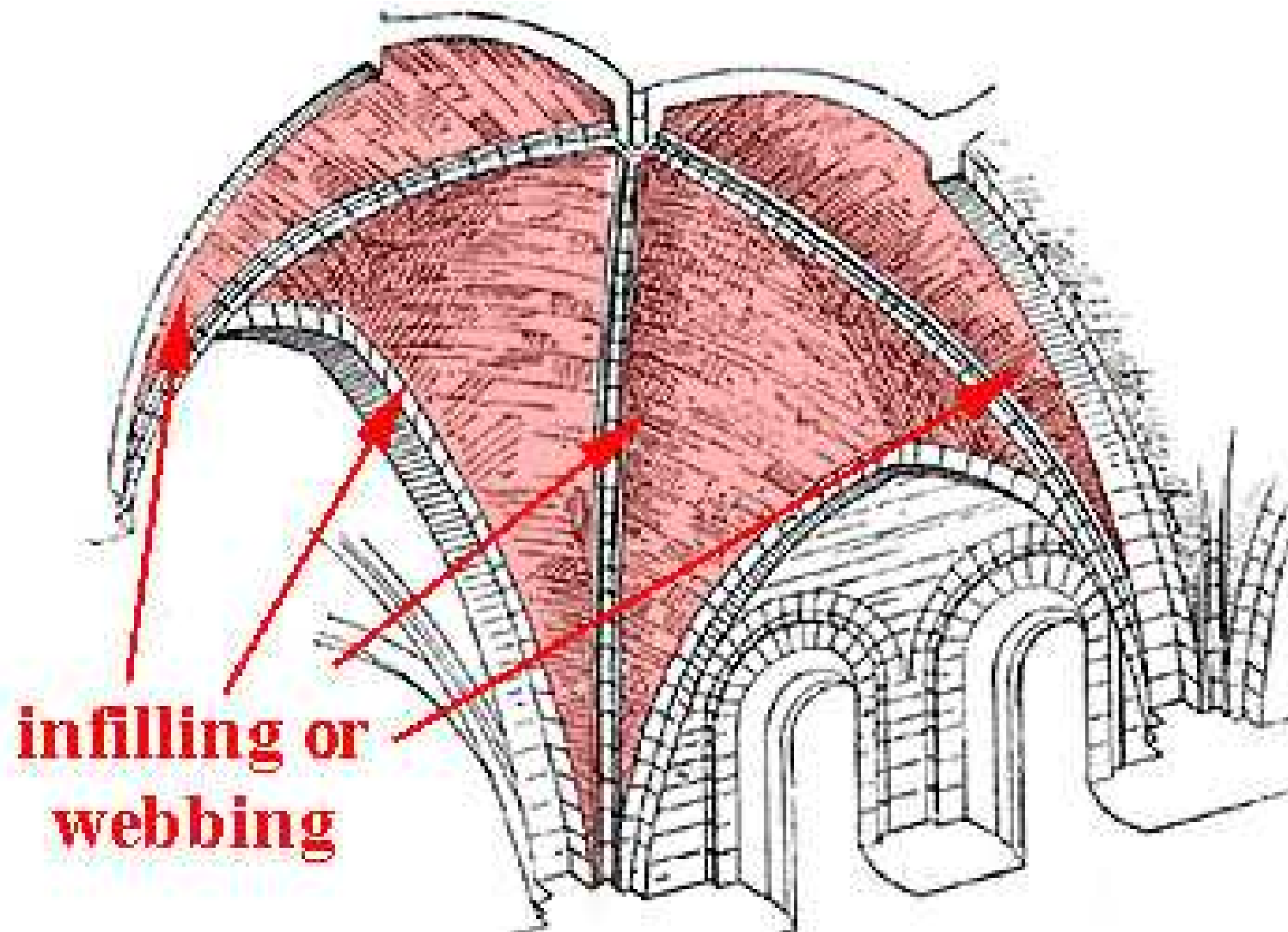
# NERVIOS TERCELETES



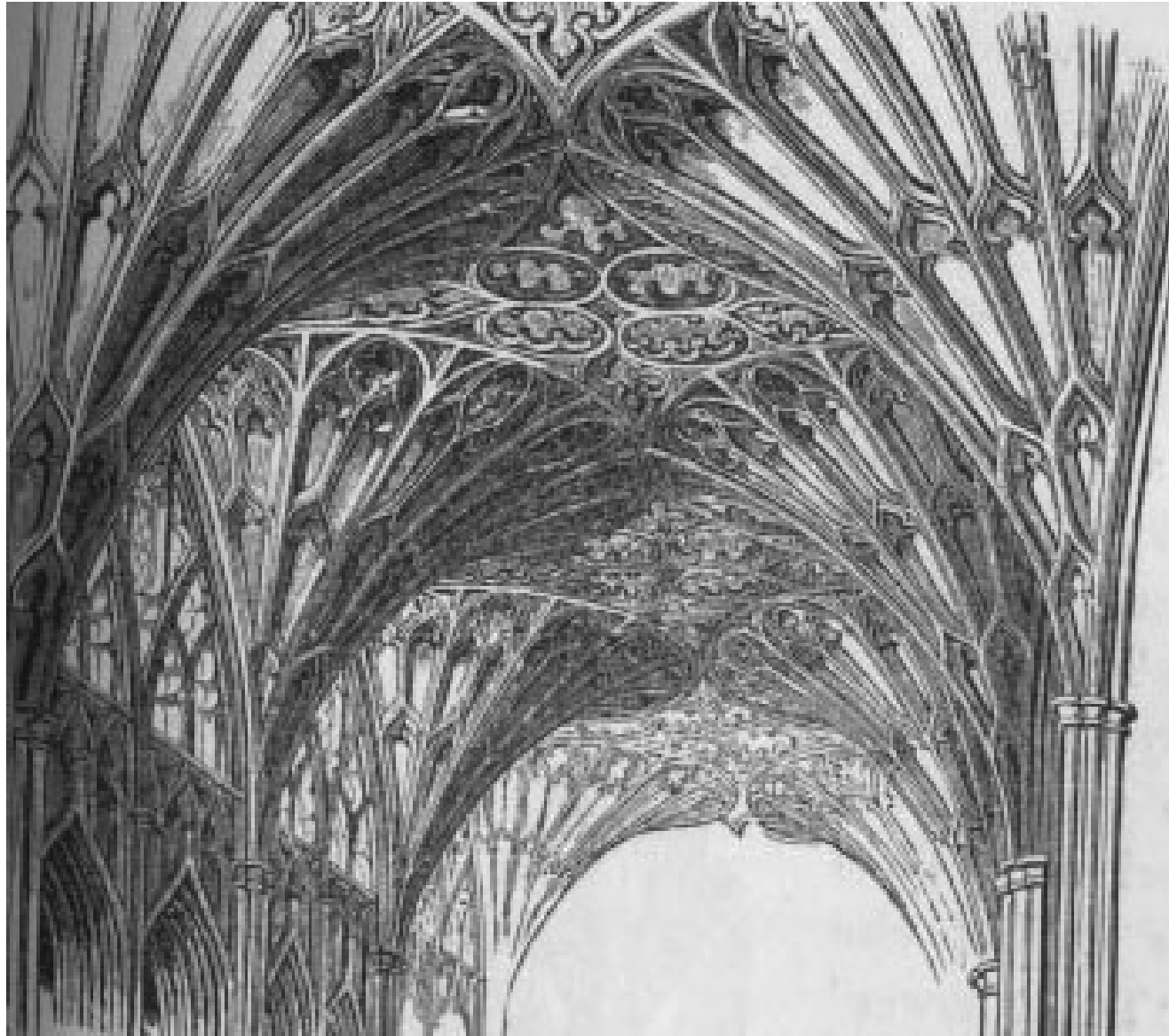
# BÓVEDA ESTRELLADA



# PLEMETERÍA

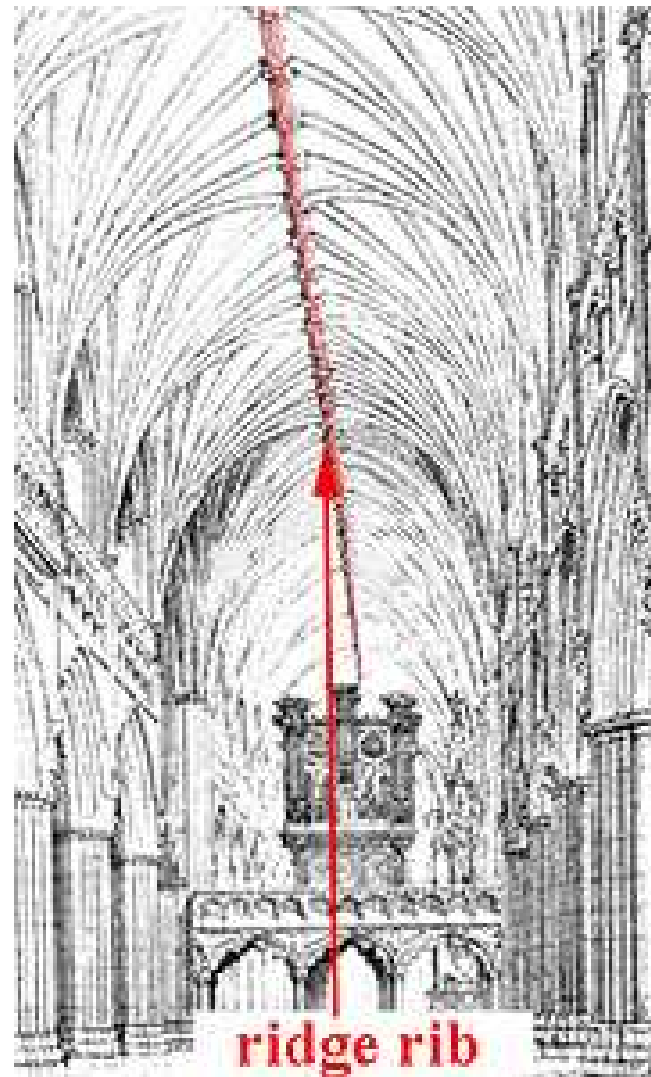


# BÓVEDAS DE ABANICO





NERVIO  
LONGITUDINAL





# TIPOS DE BÓVEDAS

## LÁMINA XLIII BÓVEDAS

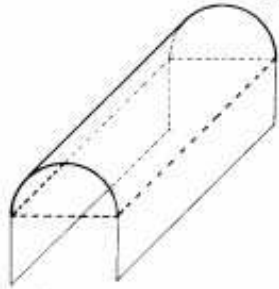


Fig. 121  
De cañón.

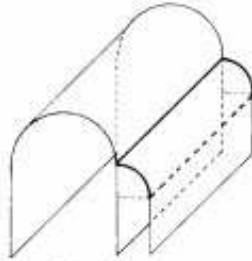


Fig. 121  
De cuarto de cañón.

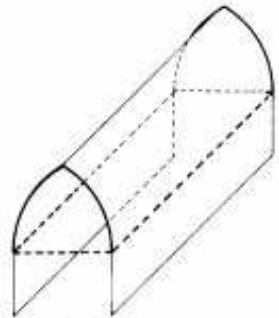


Fig. 123  
De cañón apuntado.

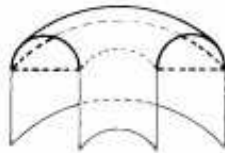


Fig. 126  
Amular.

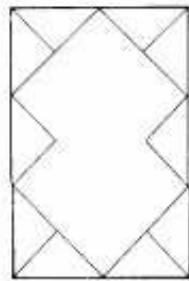


Fig. 127  
De huecos plana.

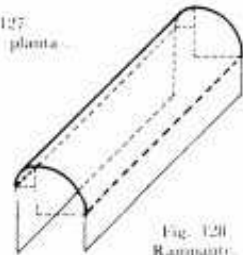


Fig. 128  
Ranquante.

## LÁMINA XLIV BÓVEDAS

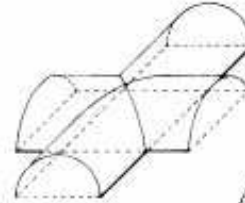


Fig. 129  
De arista.

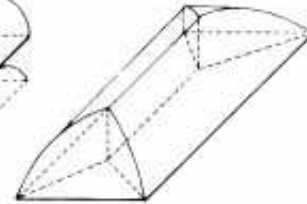


Fig. 130  
Espitada de arista y cadenas.

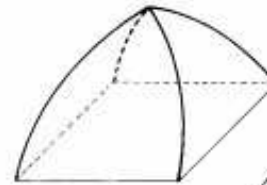


Fig. 131  
Espitada.

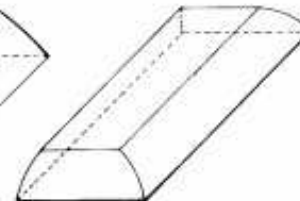


Fig. 132  
Espitada plana.

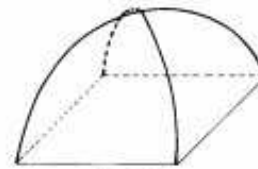


Fig. 133  
De arista o tronco de clausura.

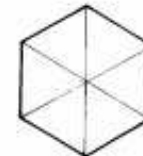
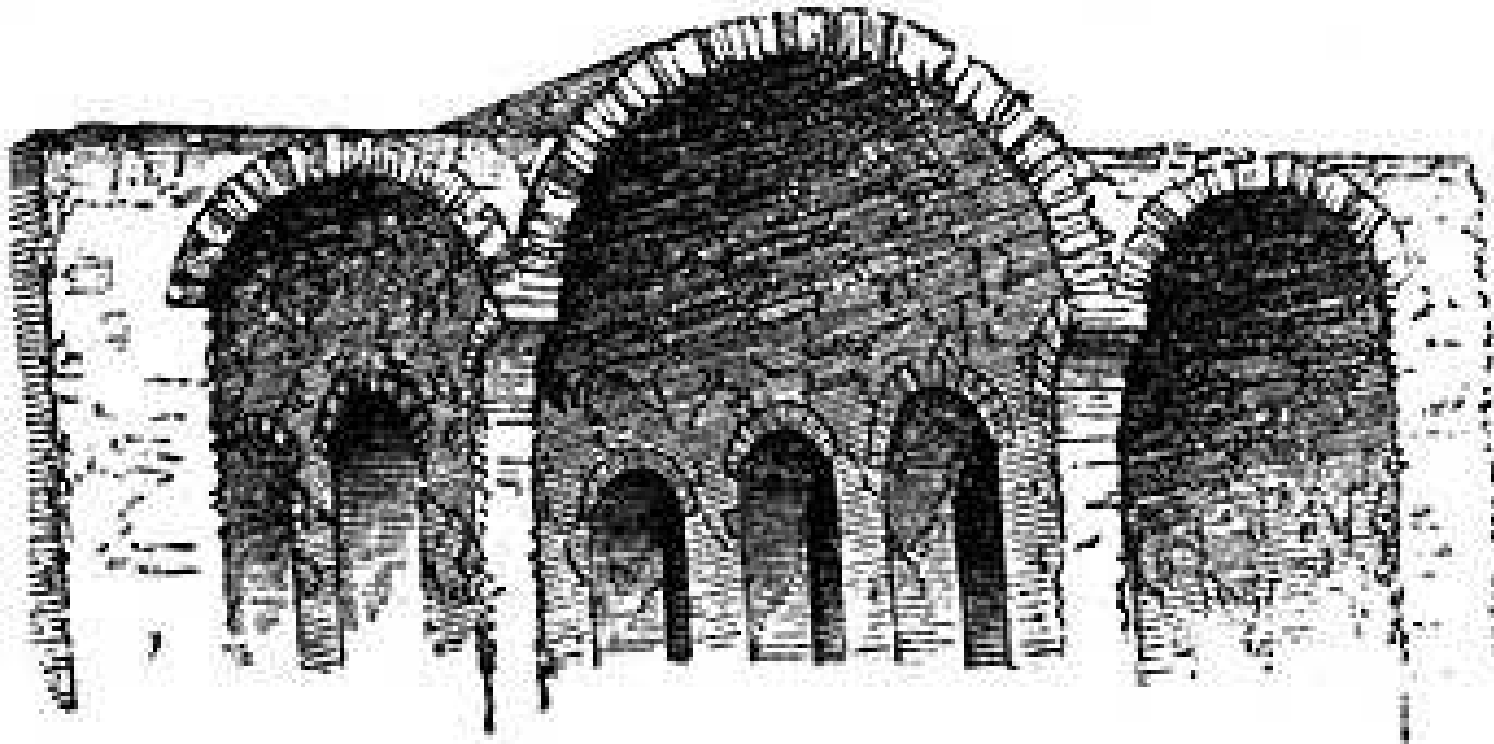


Fig. 134  
De seis paños plana.

# BÓVEDAS DE HORNO O CUARTO DE ESFERA





# SISTEMAS ABOVEDADOS

## LÁMINA XLV BOVEDAS

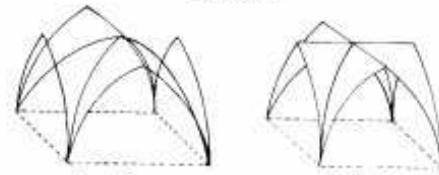


Fig. 135 De crucería.  
Disposición de los arcos.

Fig. 136 (Con la plementería.)

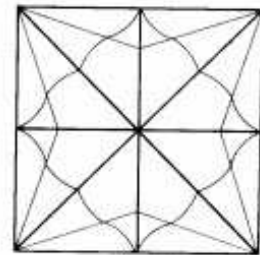


Fig. 137  
Estrellada (planta).

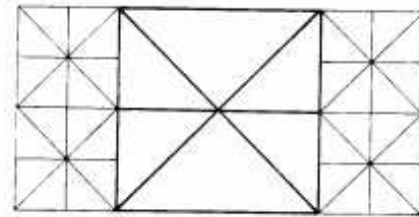


Fig. 138  
Sexpartita (planta).

## LÁMINA XLVI

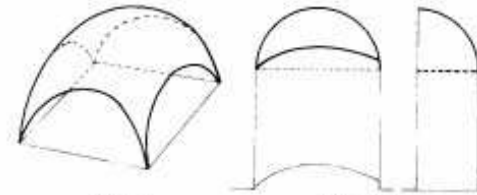


Fig. 139 Boveda vaciada.

Fig. 140 Boveda de cuarto de esfera.

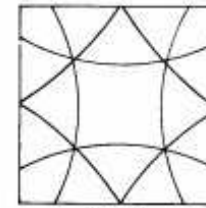


Fig. 141  
Boveda de arcos entrecruzados.

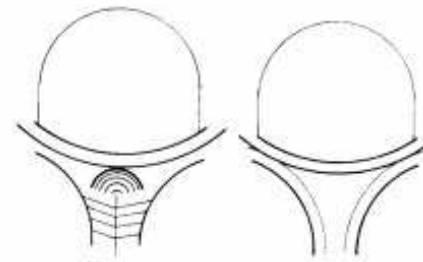
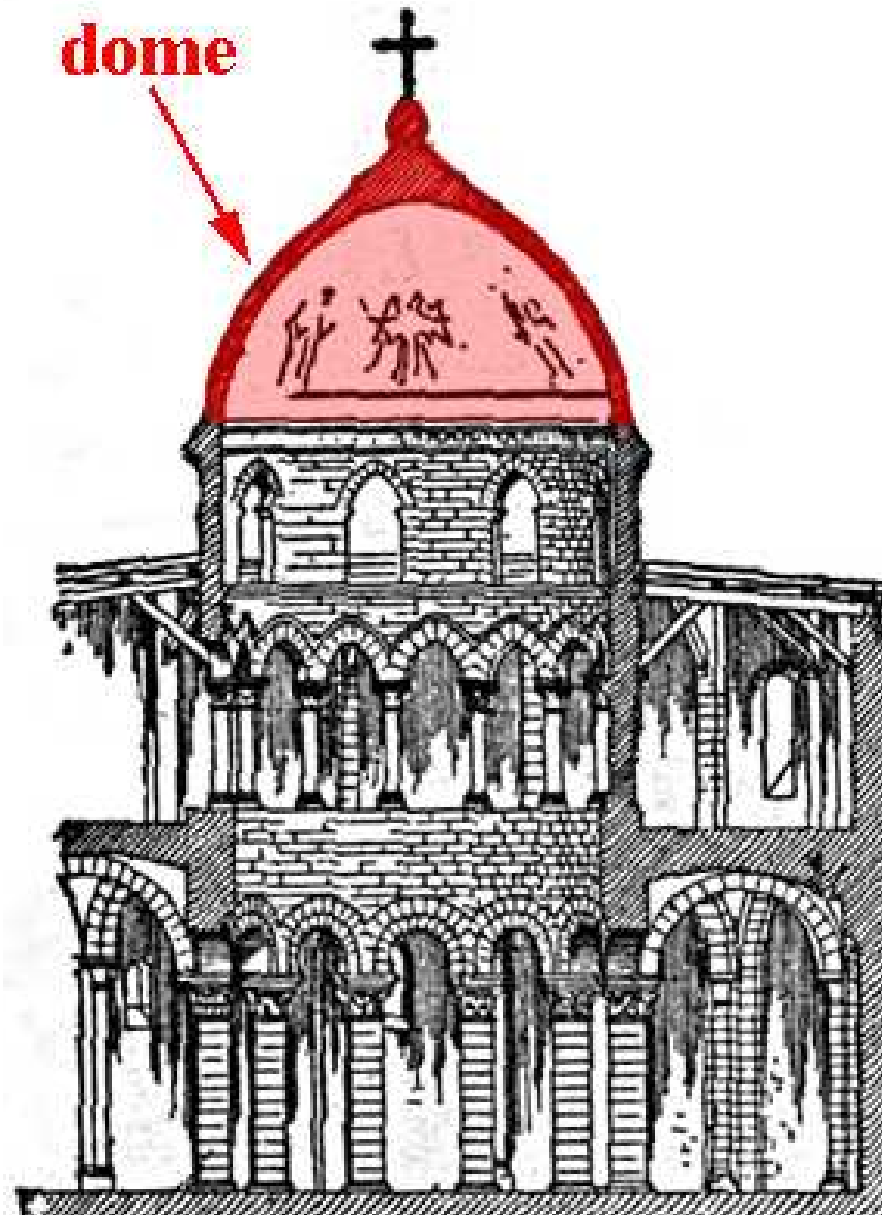


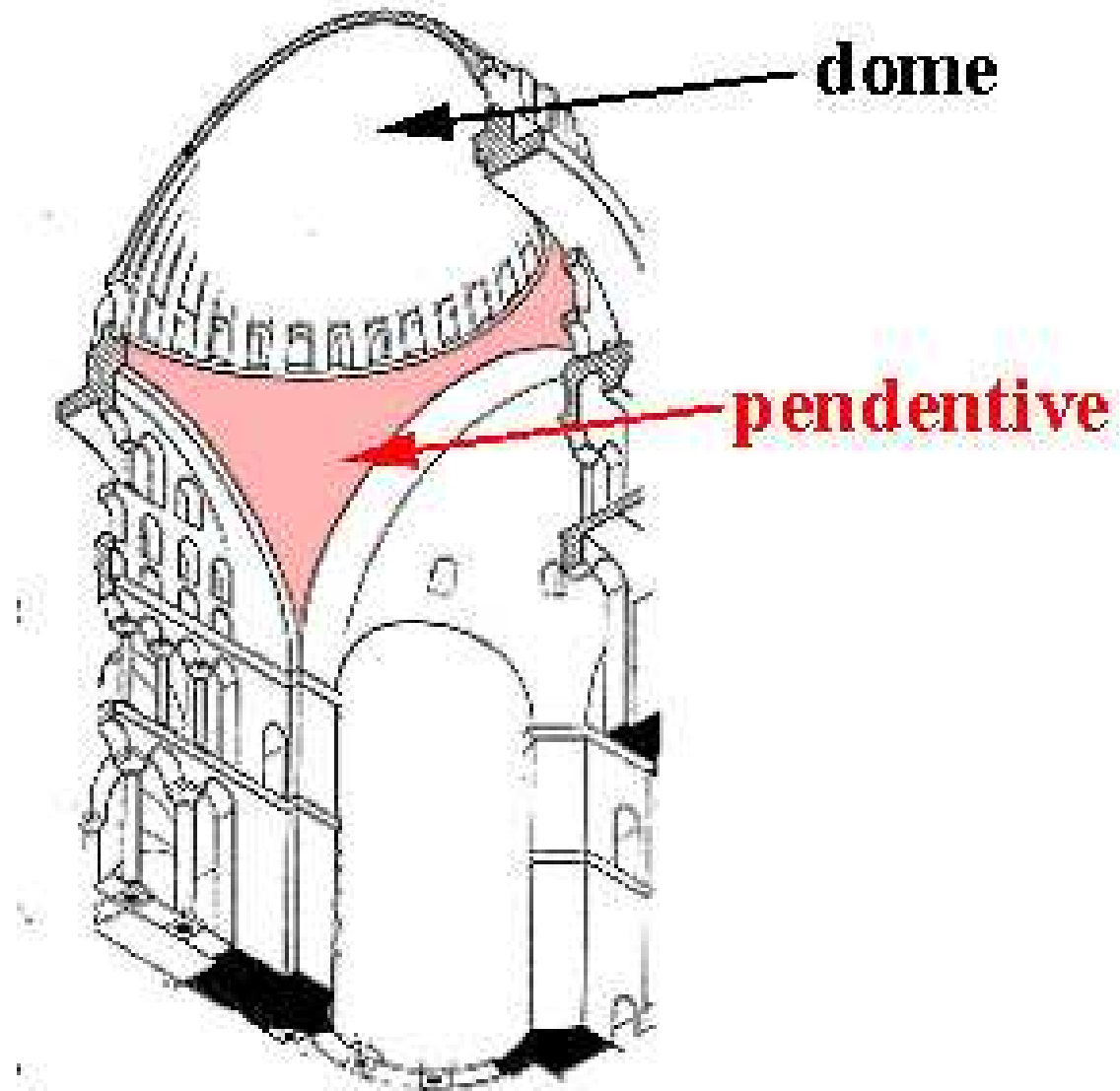
Fig. 142 Túmpana.

Fig. 143 Pechina.

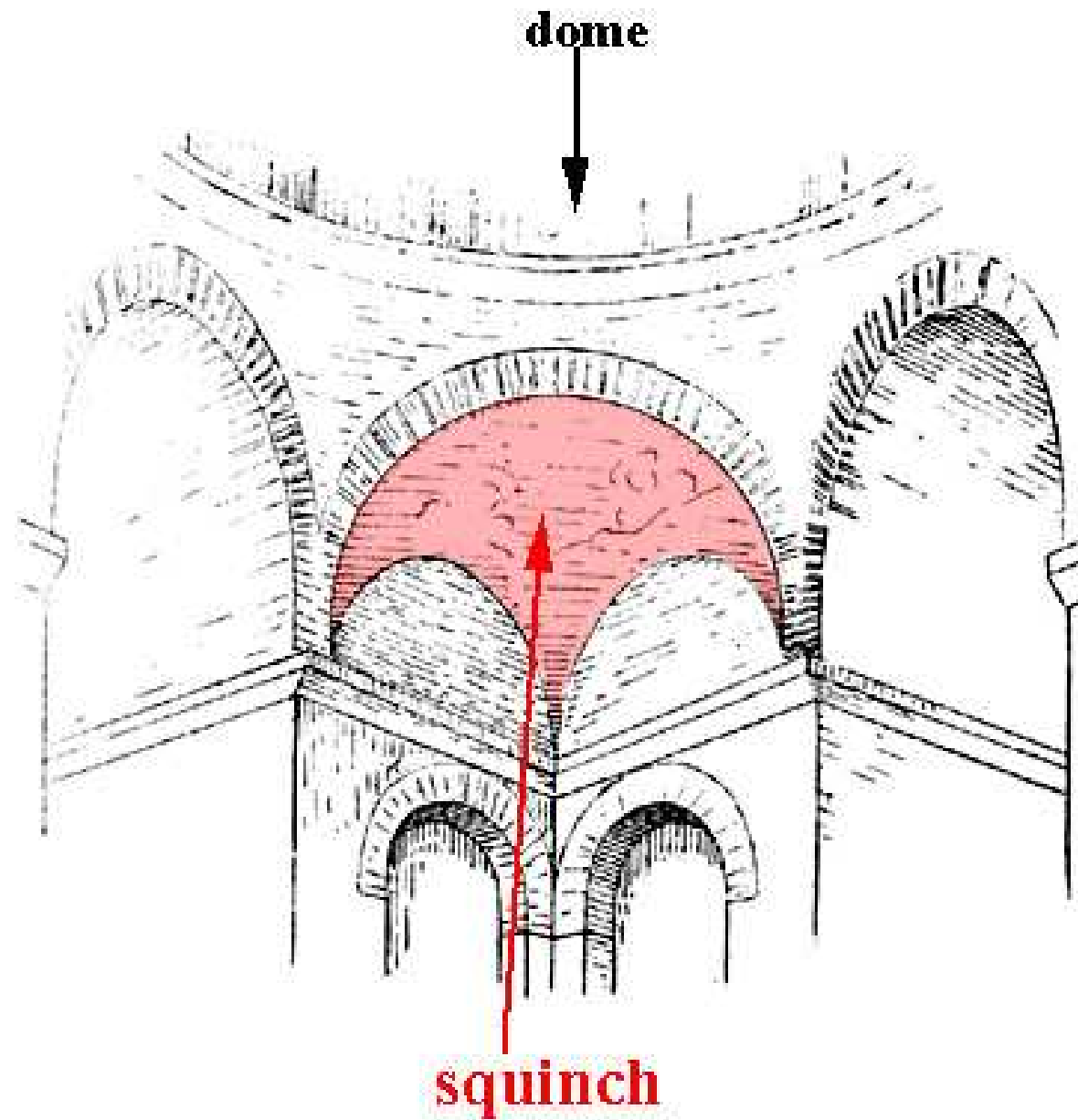
# CÚPULA



# CÚPULA SOBRE PECHINAS

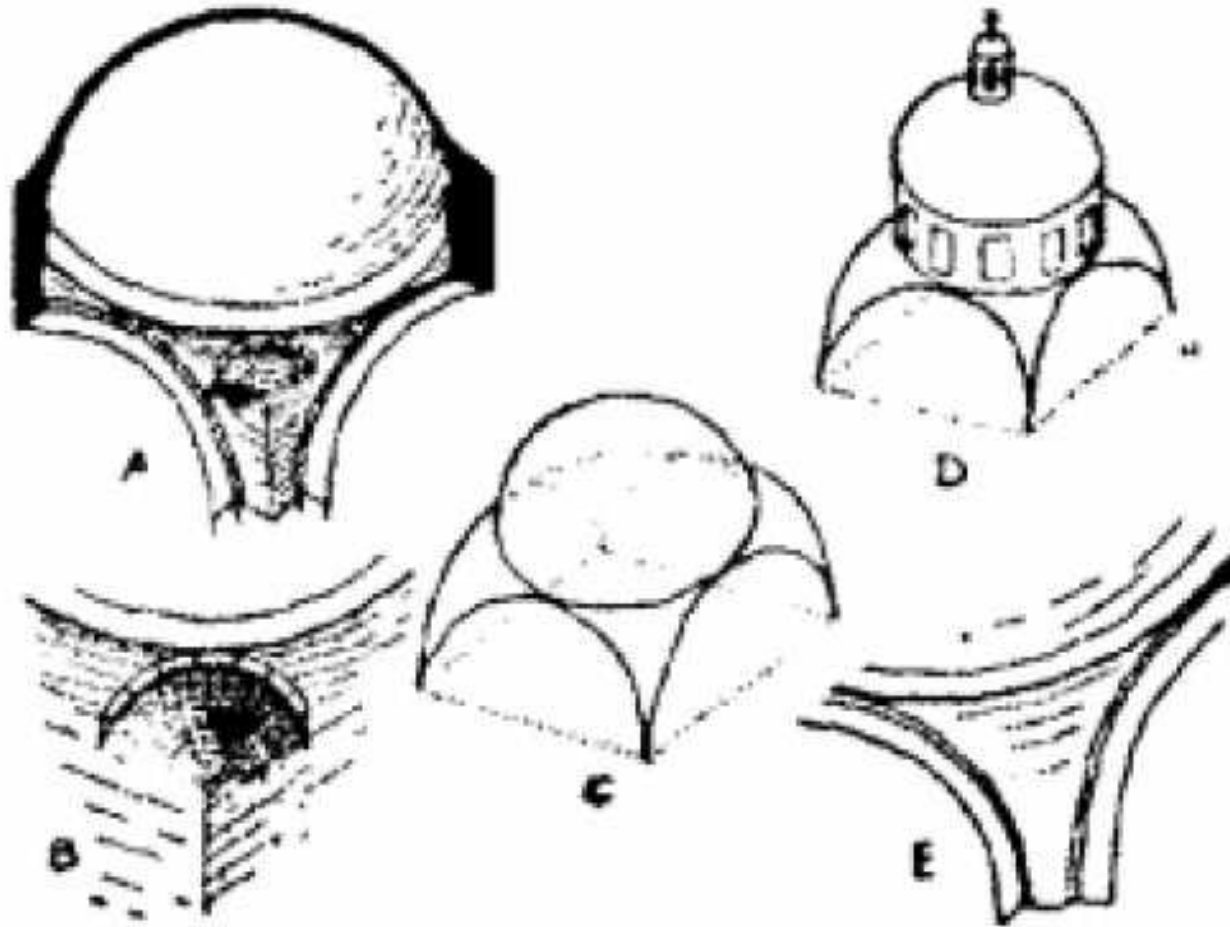


# CÚPULA SOBRE TROMPAS



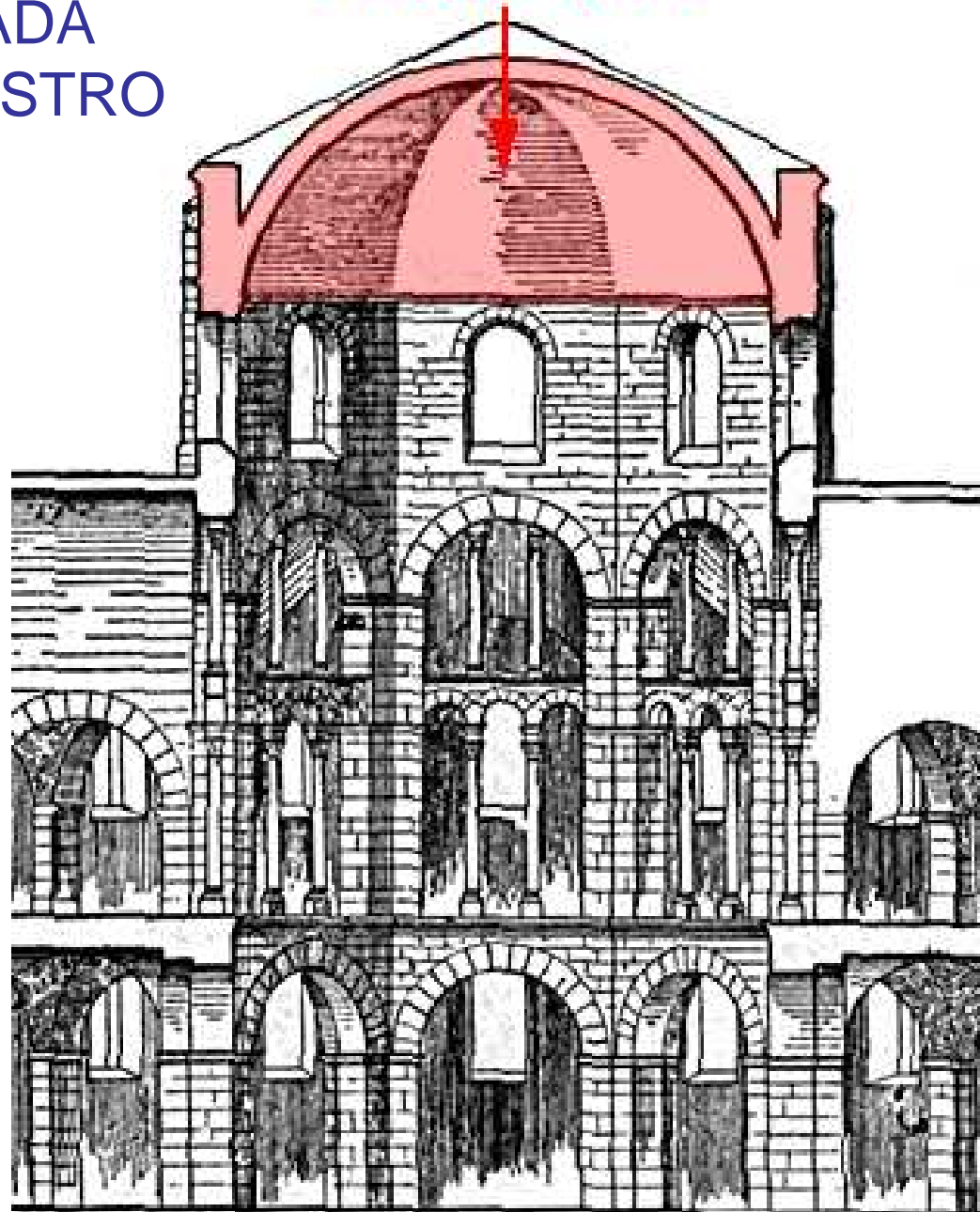
A Y B: TROMPAS  
C: CÚPULA SOBRE PECHINAS

E: PECHINA  
D: IDEM, CON TAMBOR

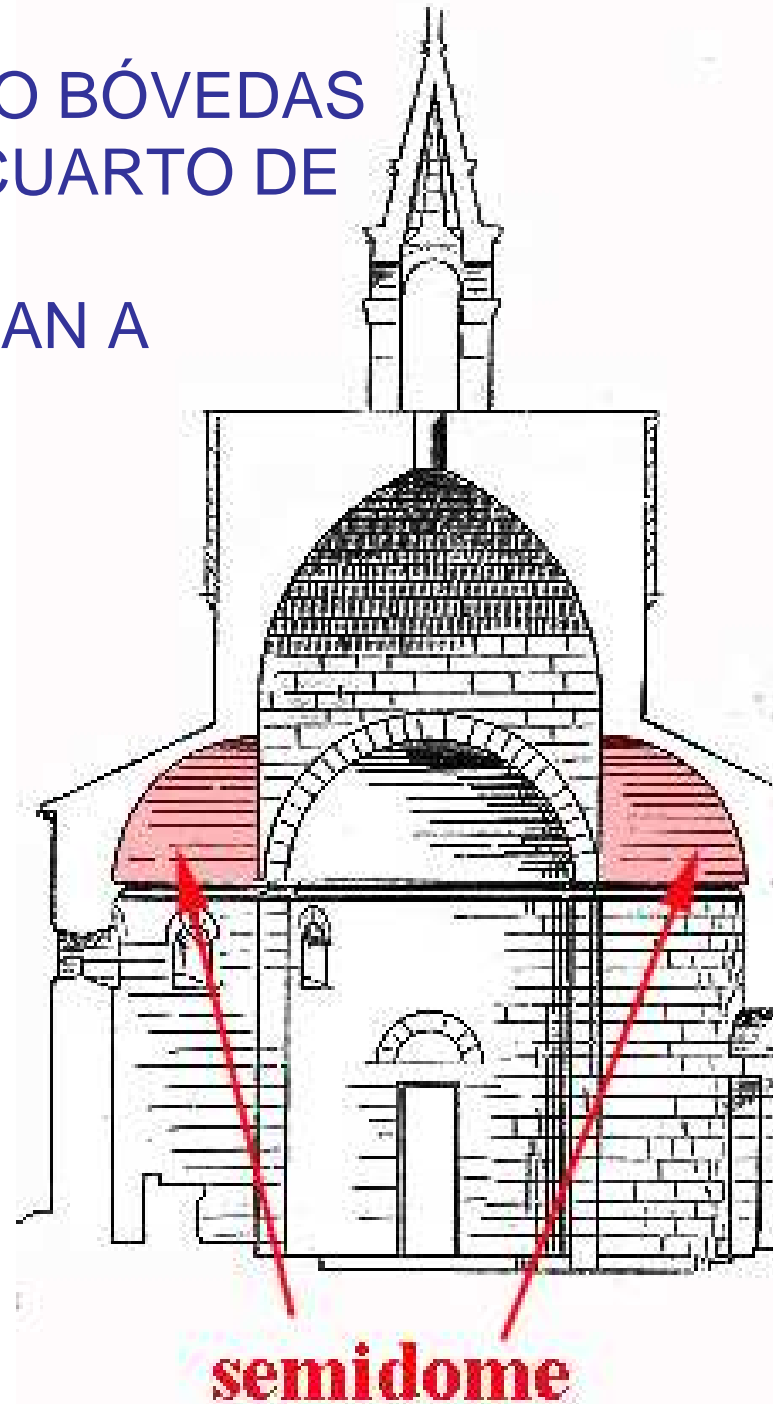


CÚPULA  
SEGMENTADA  
O DE CLAUSTRO

**segmented dome  
or  
cloister vault**



SEMICÚPULAS O BÓVEDAS  
DE HORNO (O CUARTO DE  
ESFERA) QUE  
CONTRARRESTAN A  
LA PRINCIPAL



# CUBIERTA DE MADERA O ARMADURA

LÁMINA XLVII  
LA ARMADURA DE CUBIERTA

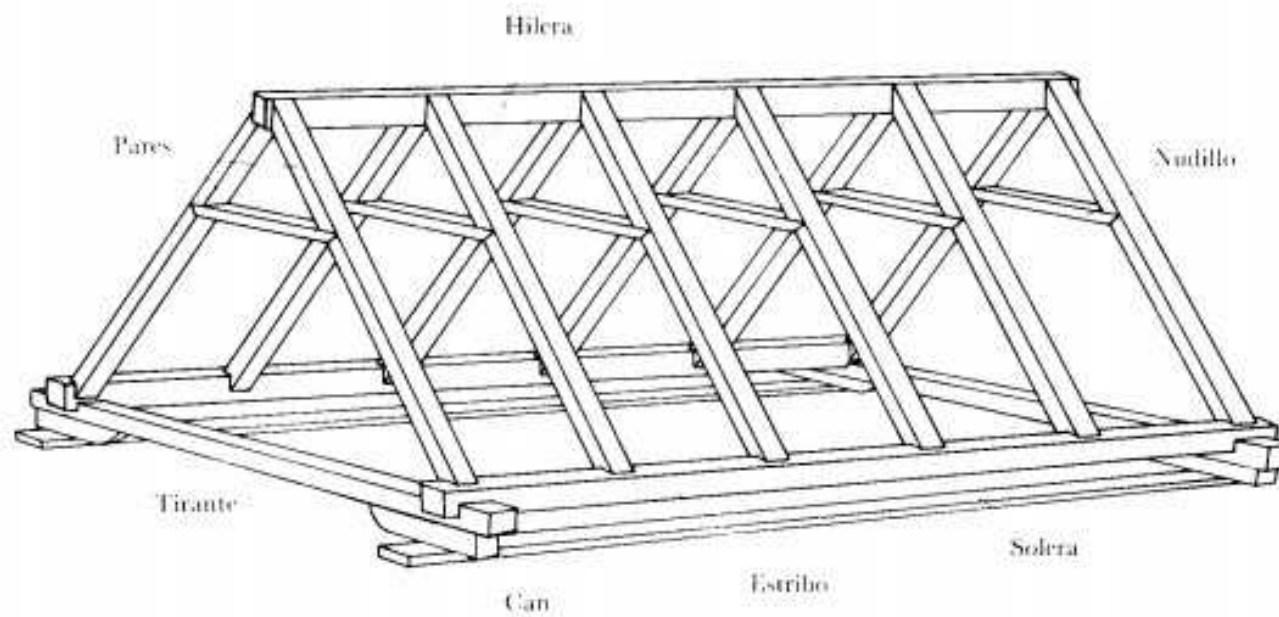
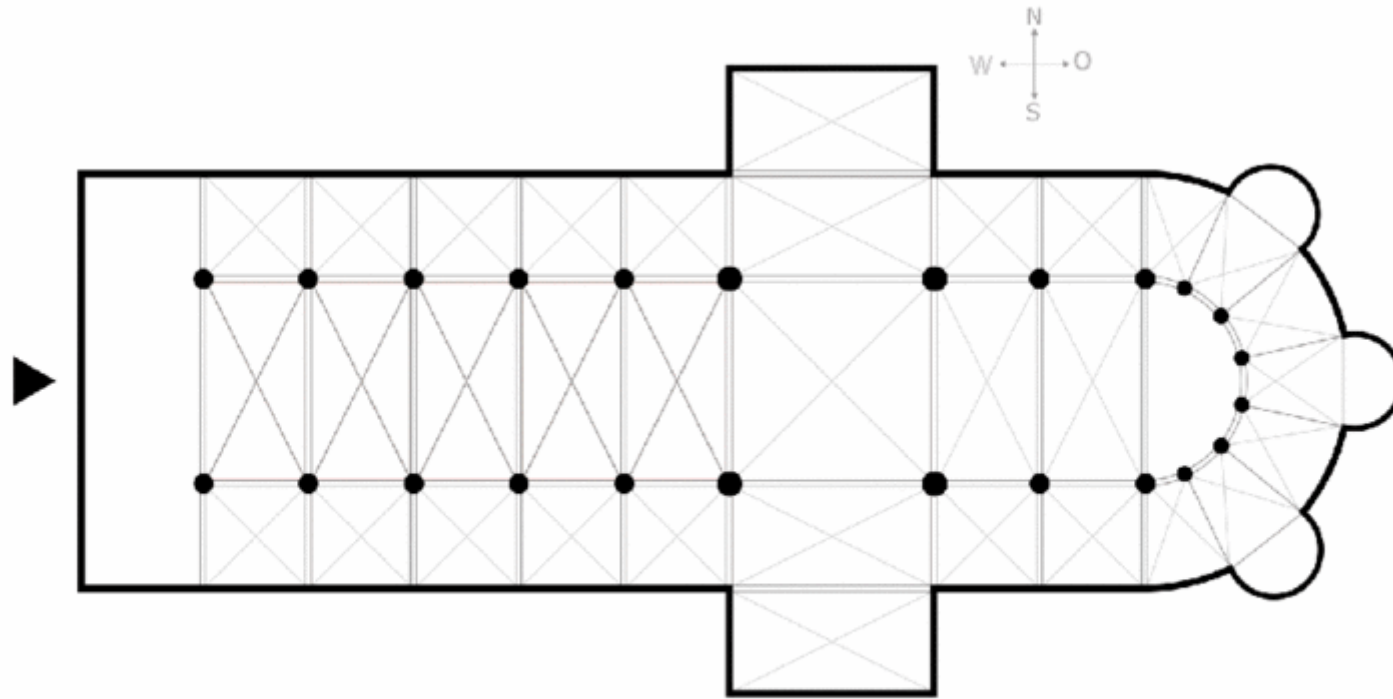


Fig. III

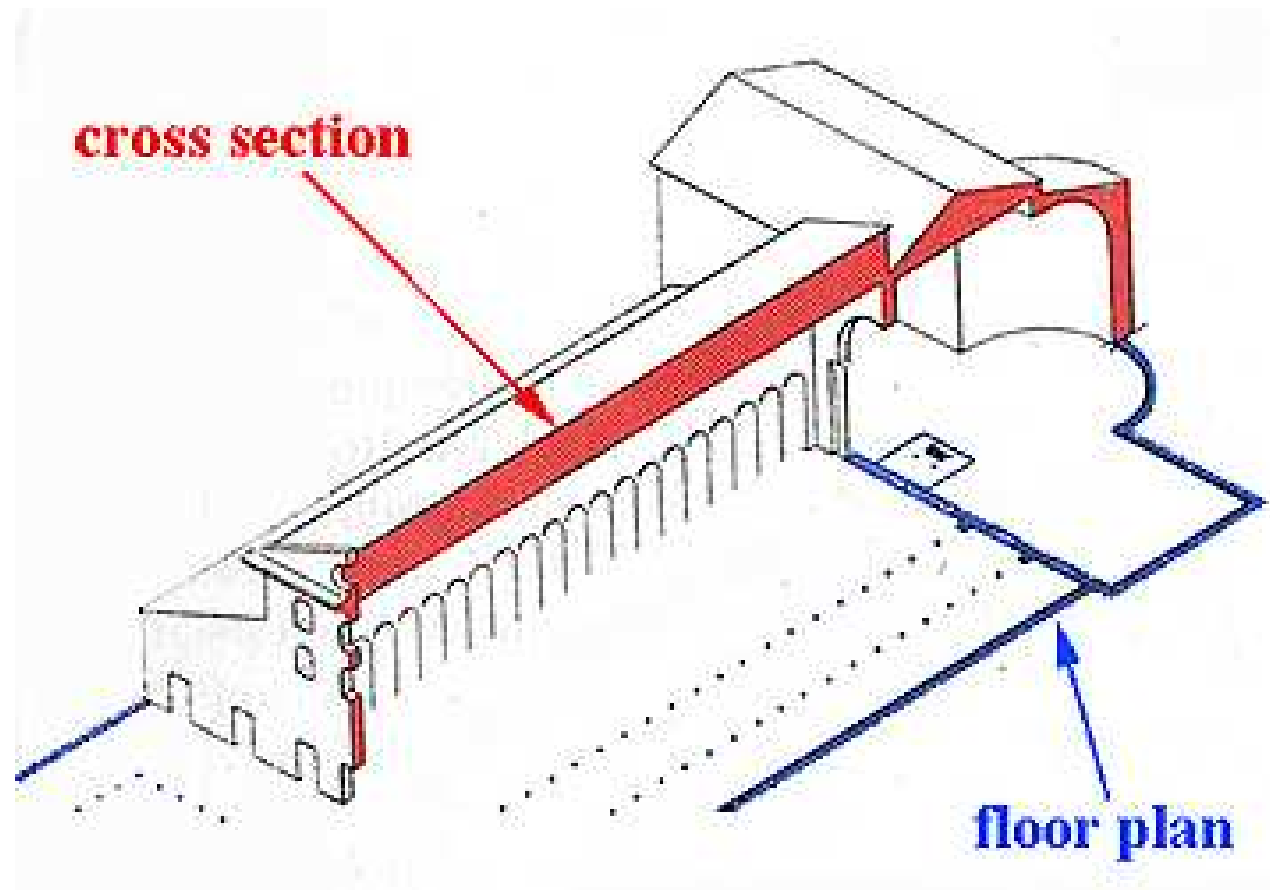


# **LA PLANTA Y SUS PARTES**

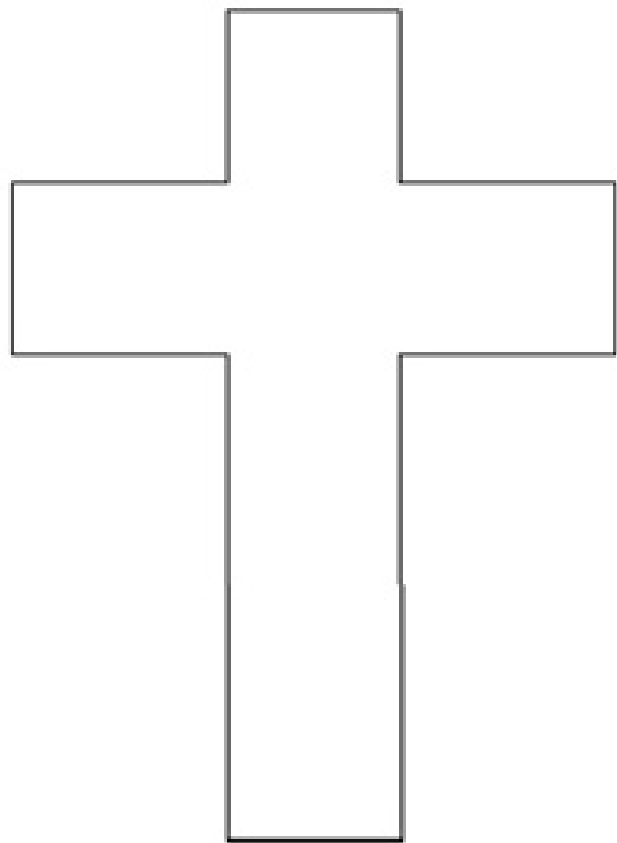
# DE CRUZ LATINA O LONGITUDINAL



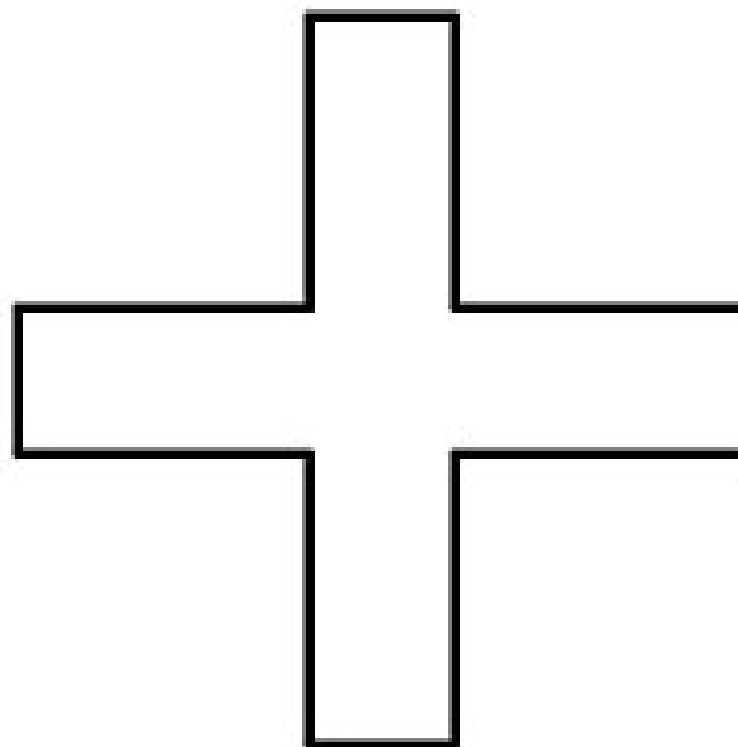
# DE CRUZ LATINA



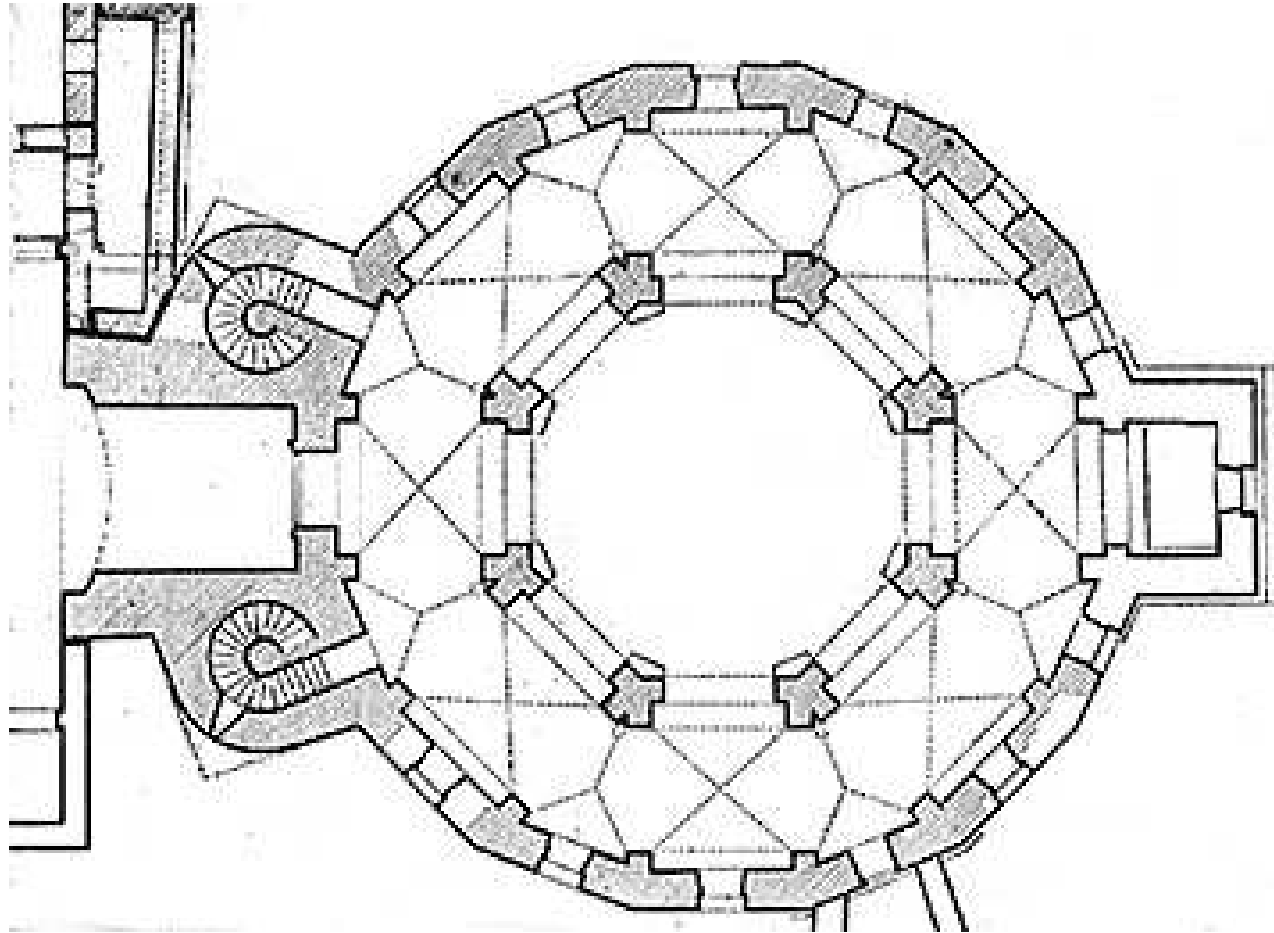
CRUZ LATINA

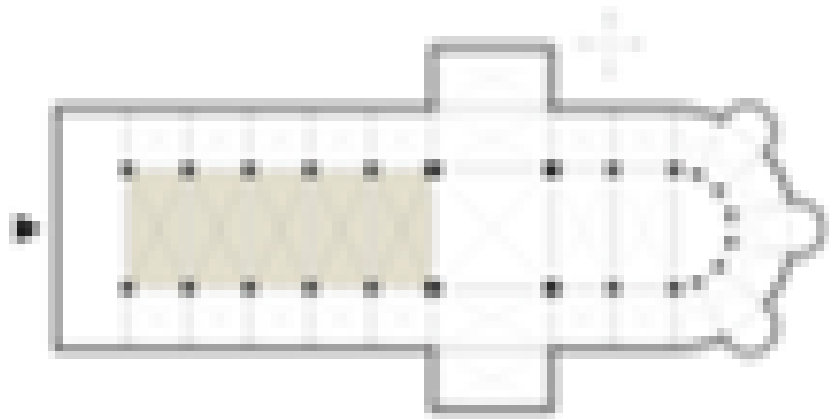


CRUZ GRIEGA

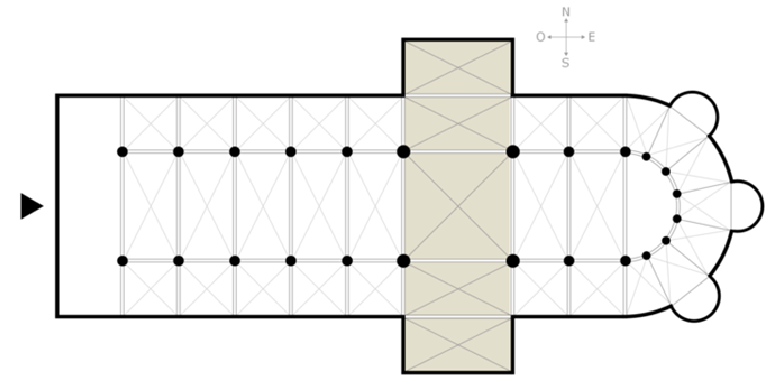


## DE PLAN CENTRAL

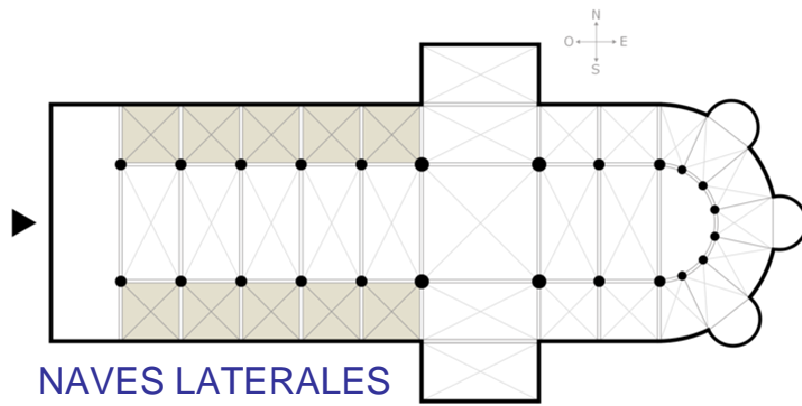




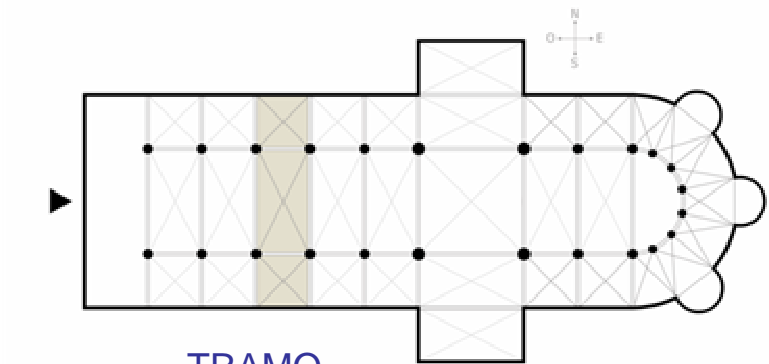
NAVE CENTRAL



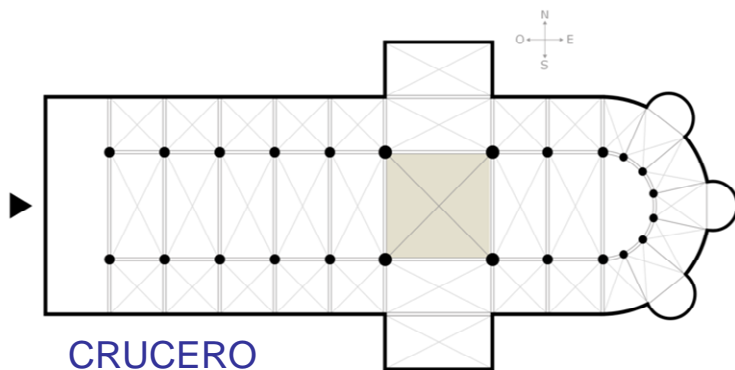
TRANSEPTO



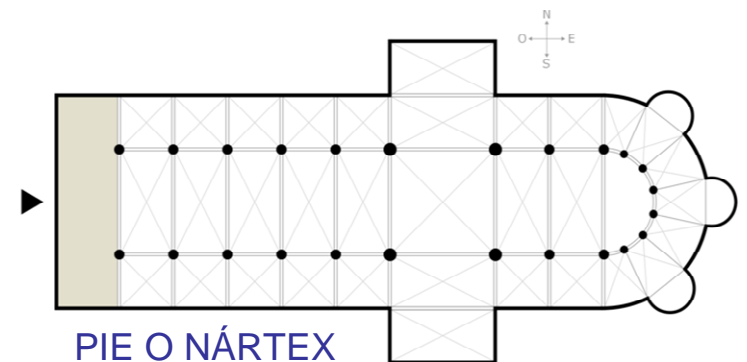
NAVES LATERALES



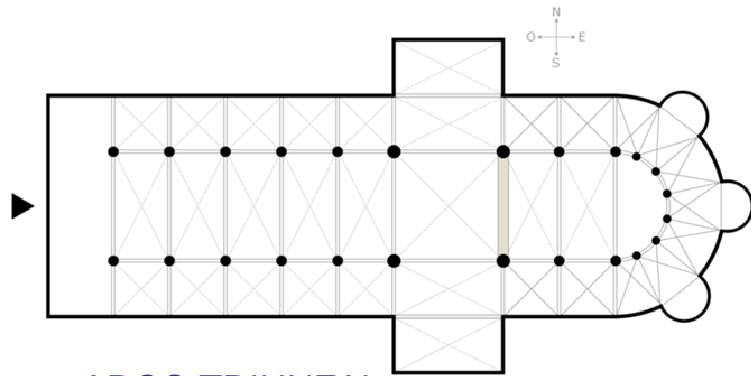
TRAMO



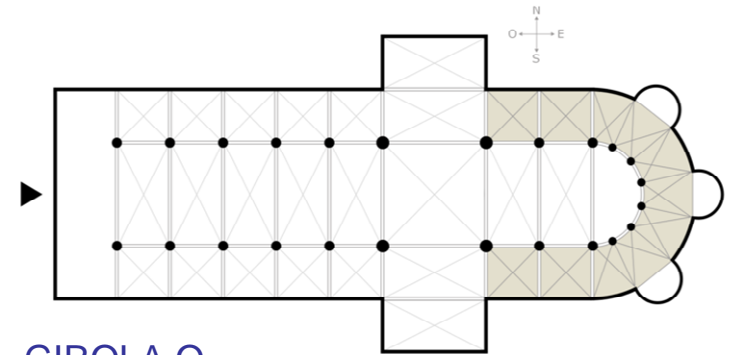
CRUCERO



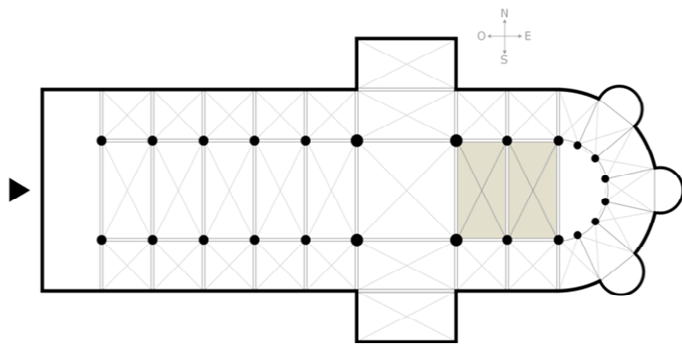
PIE O NÁRTEX



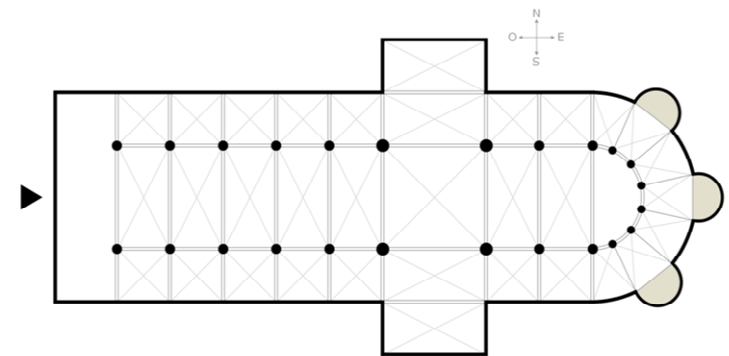
ARCO TRIUNFAL



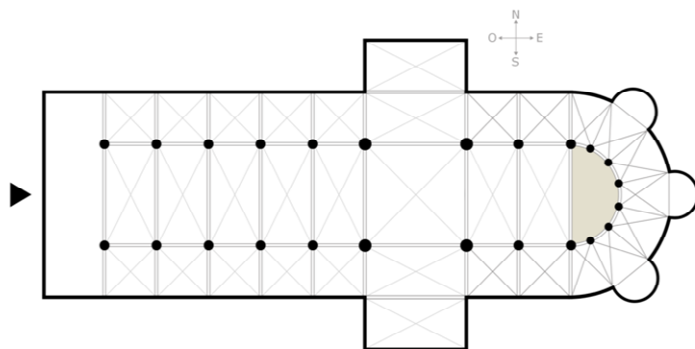
GIROLA O  
DEAMBULATORIO



PRESBITERIO O CORO

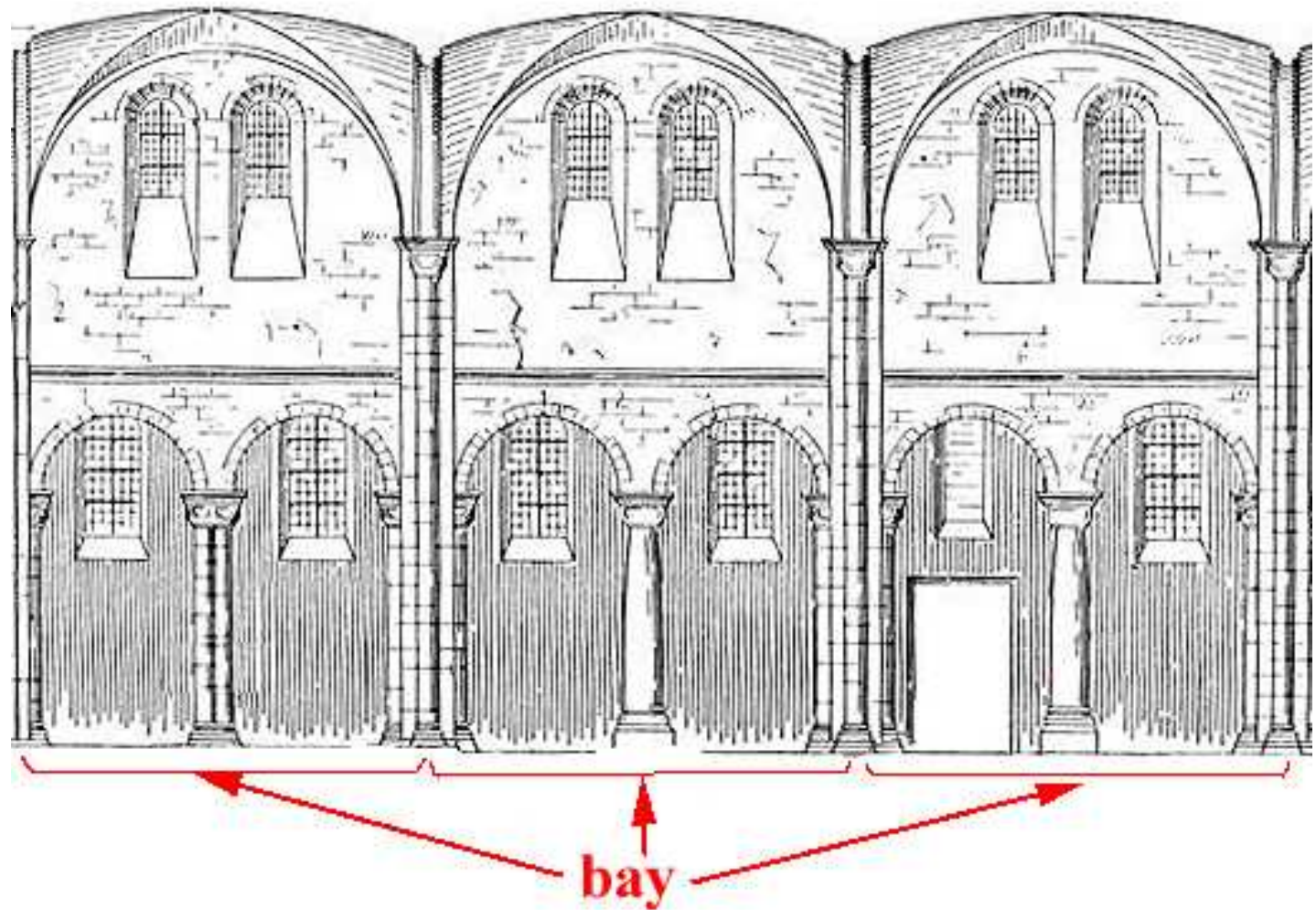


CAPILLAS  
RADIALES  
O ABSIDIOLOS

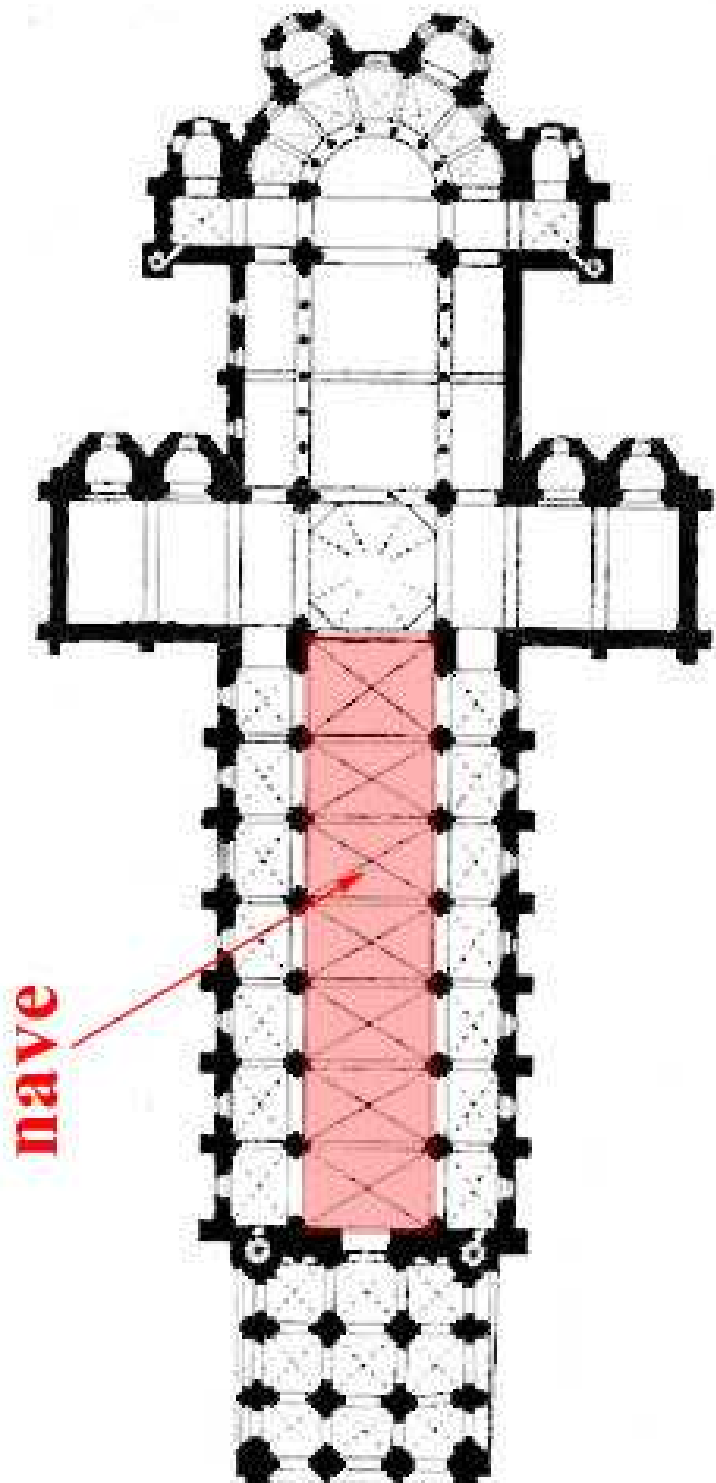


CAPILLA MAYOR

# TRAMO

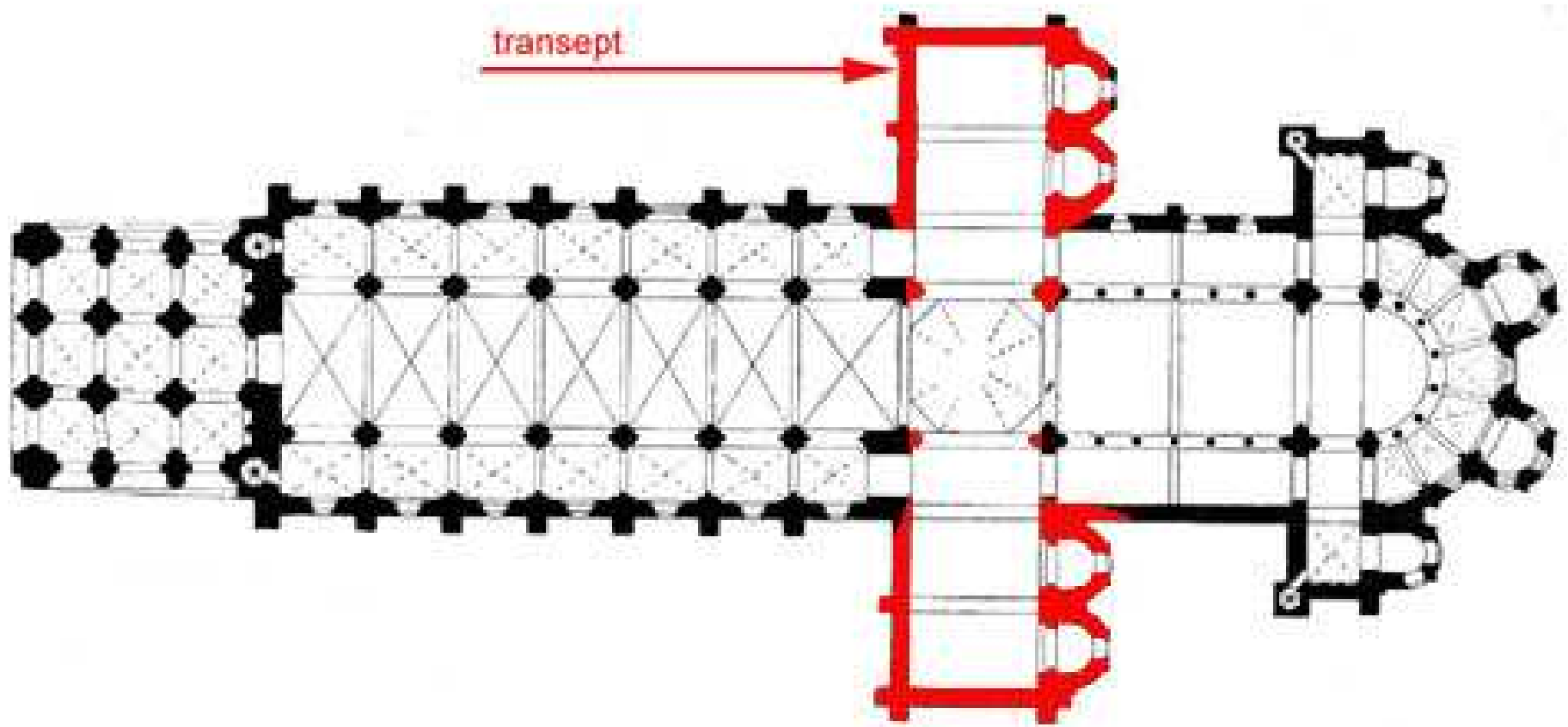




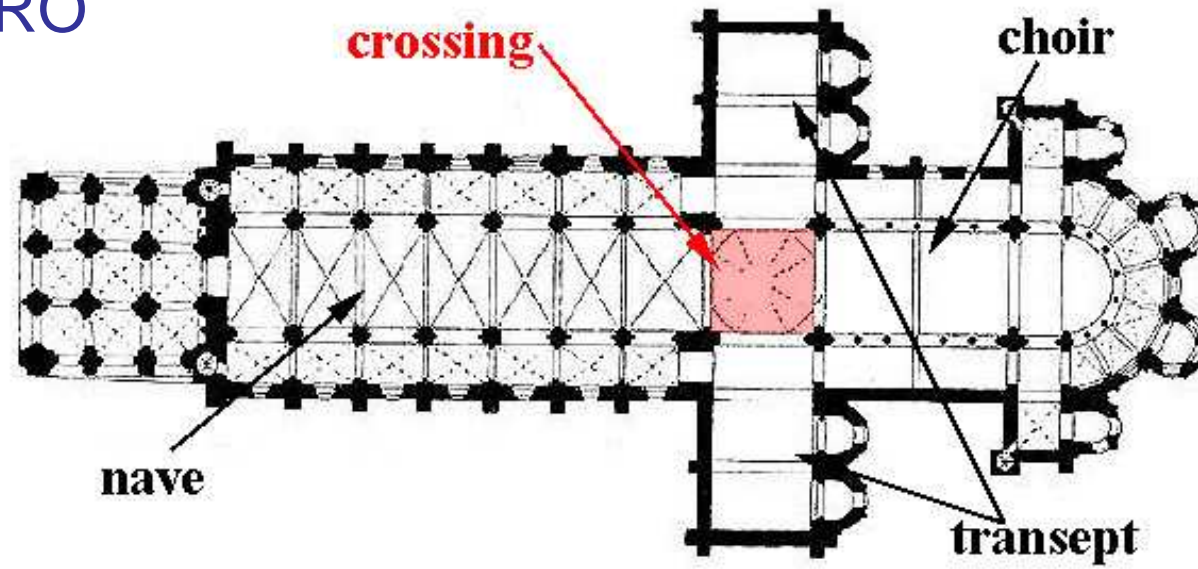


nave

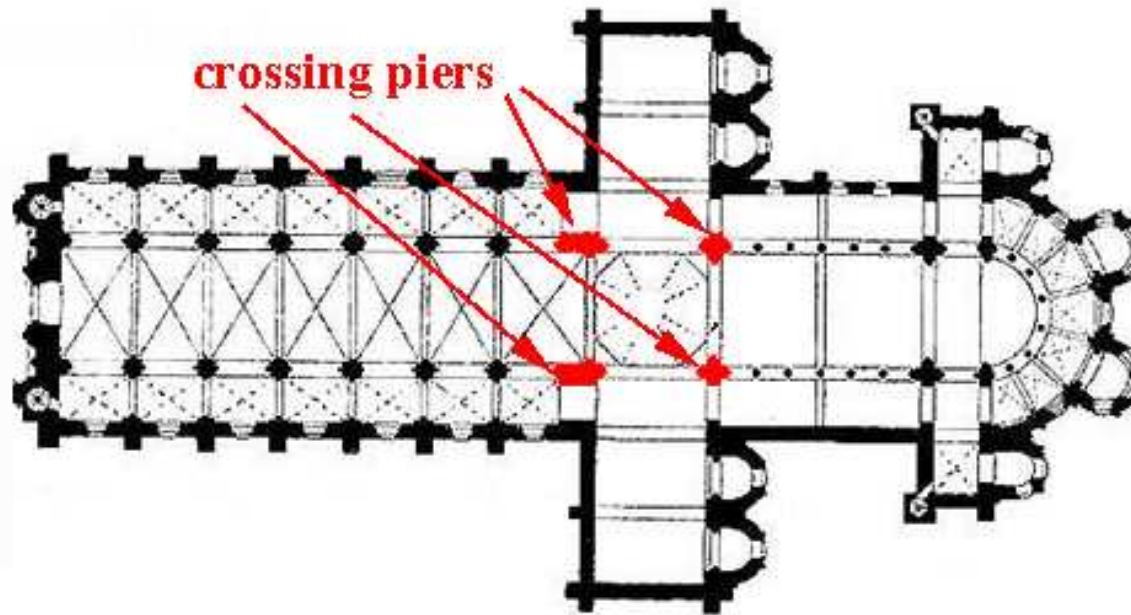
# TRANSEPTO



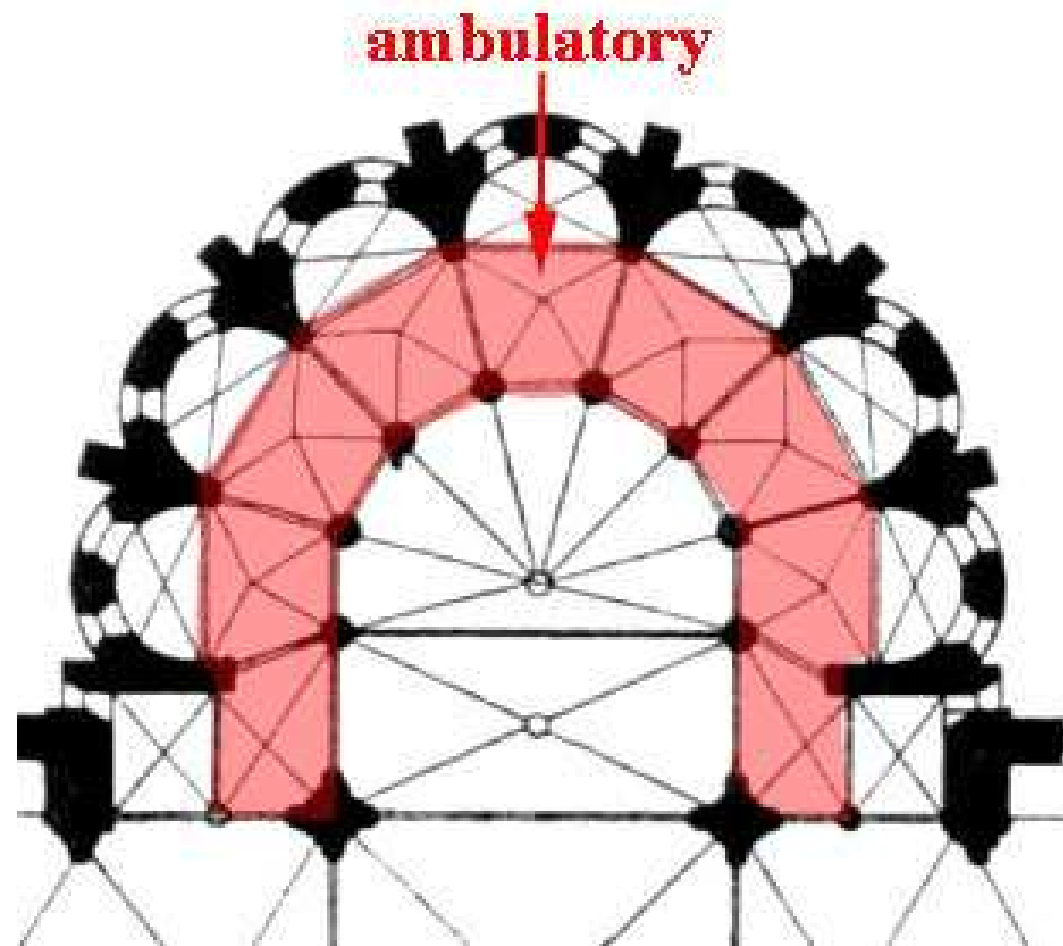
# CRUCERO



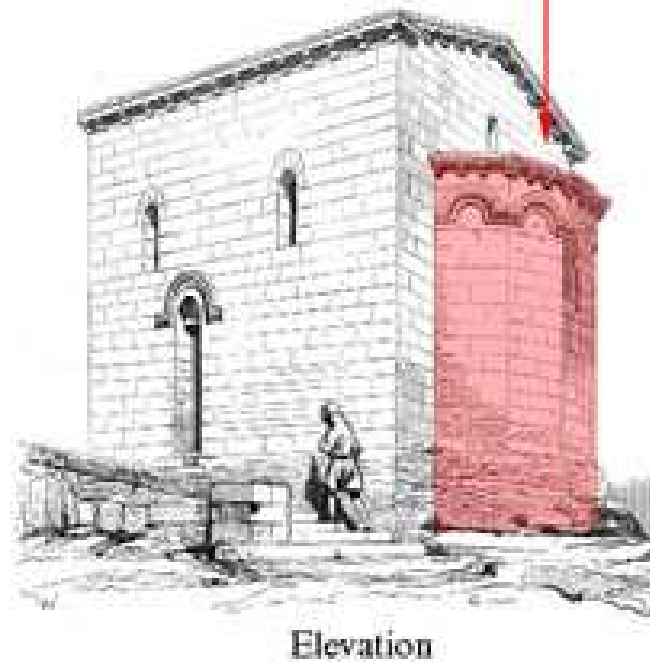
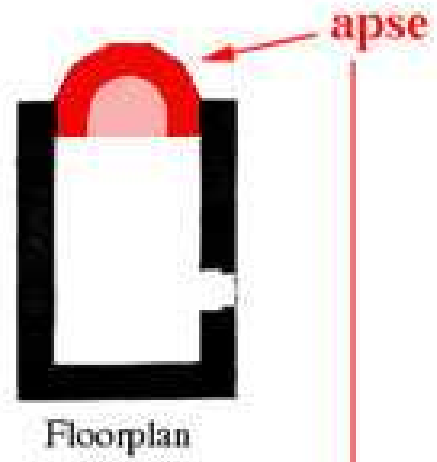
# MACHONES



# GIROLA O DEAMBULATORIO



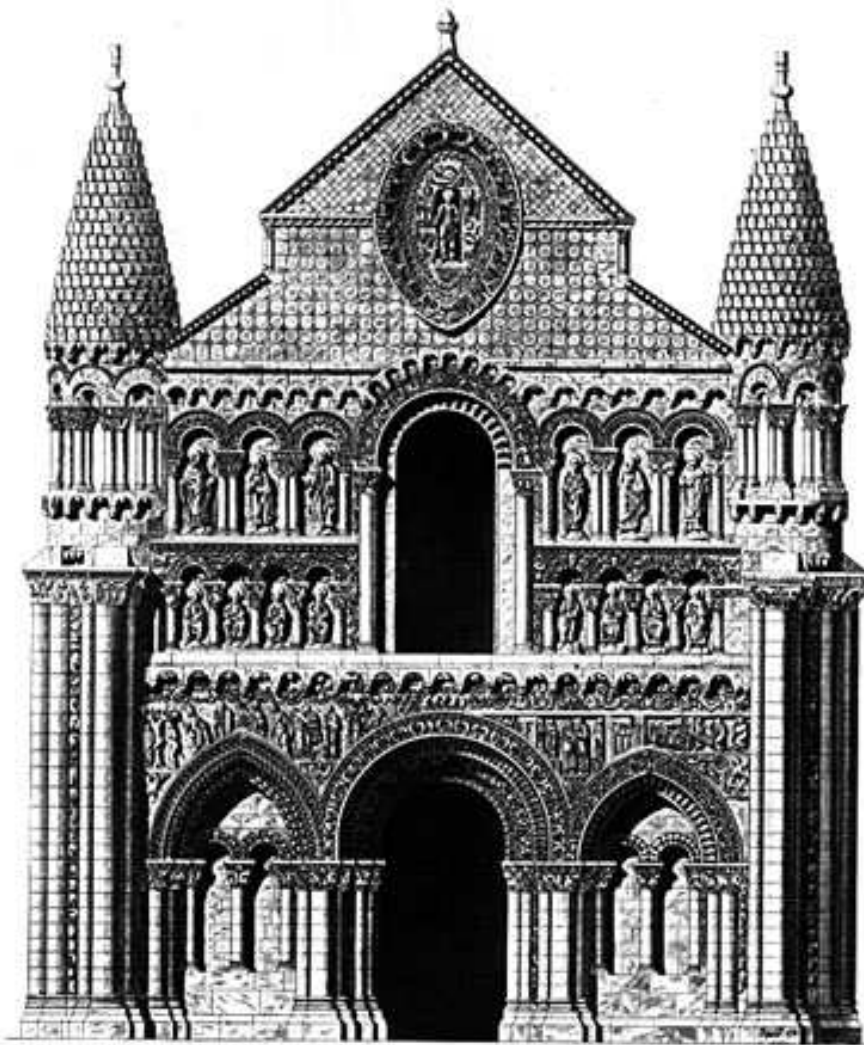
# ÁBSIDE



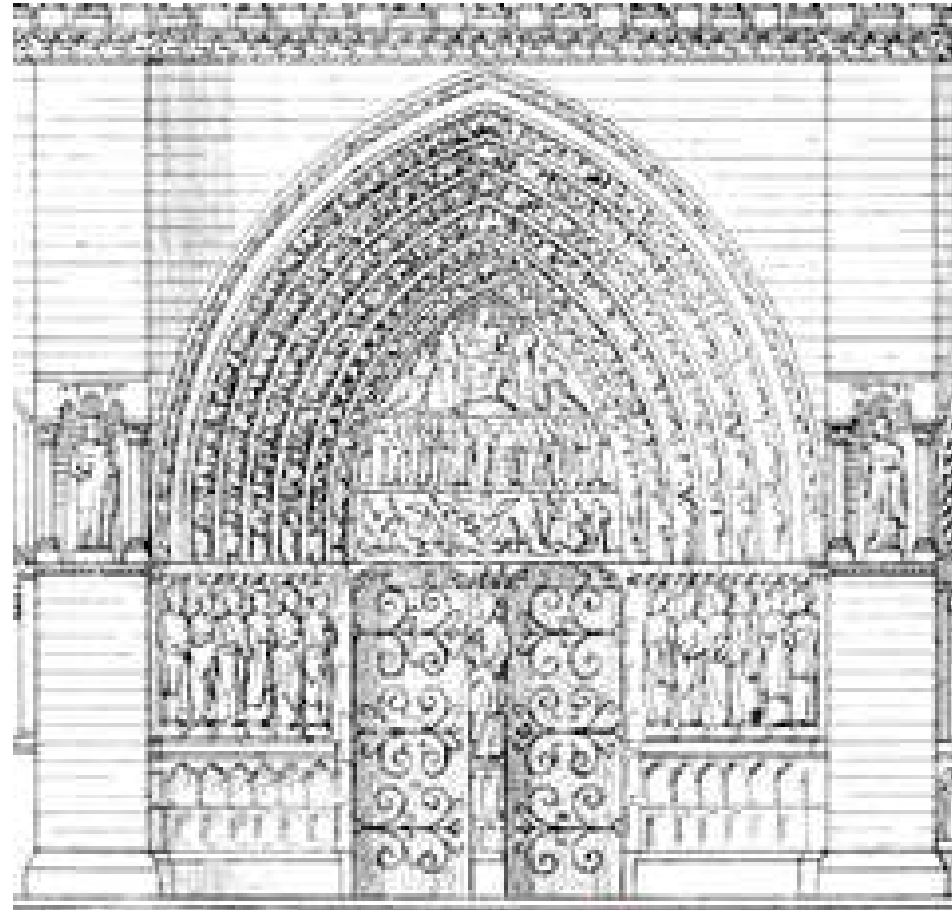
# EL ALZADO

- LA FACHADA
- OTRAS PARTES ADJUNTAS A LA IGLESIA
- EL ALZADO

# FACHADA



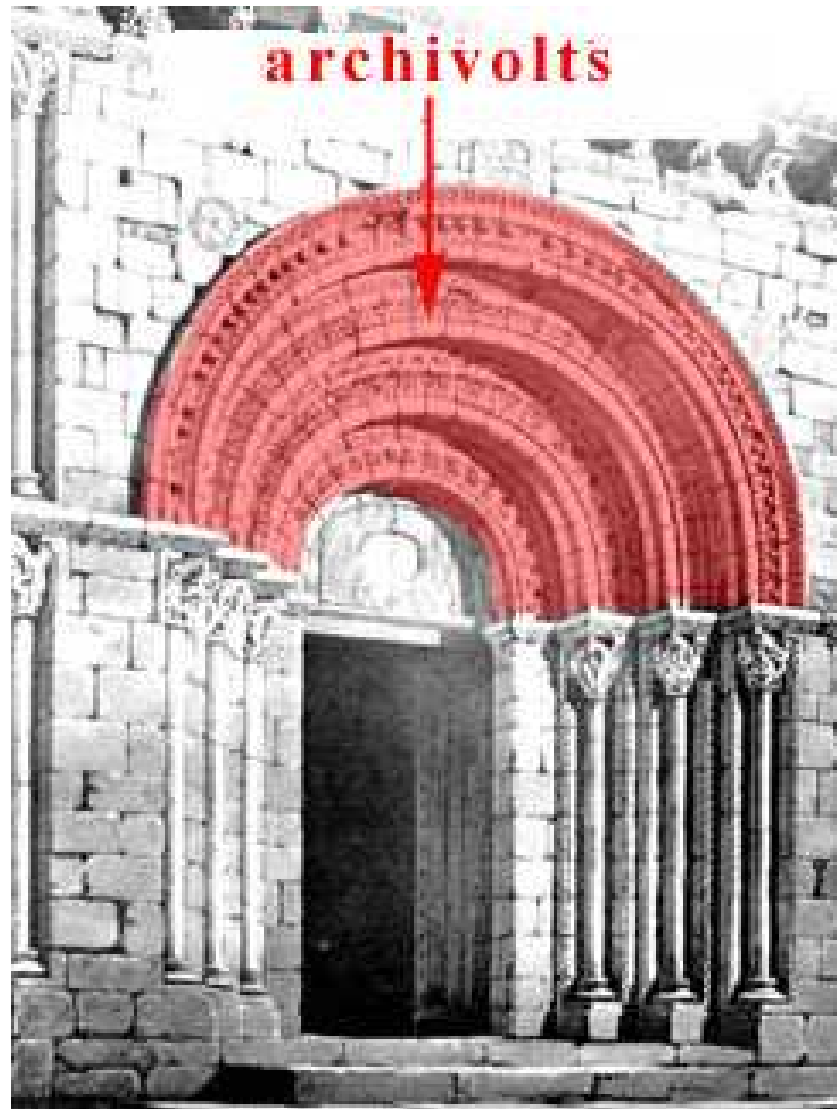
# PORTAL



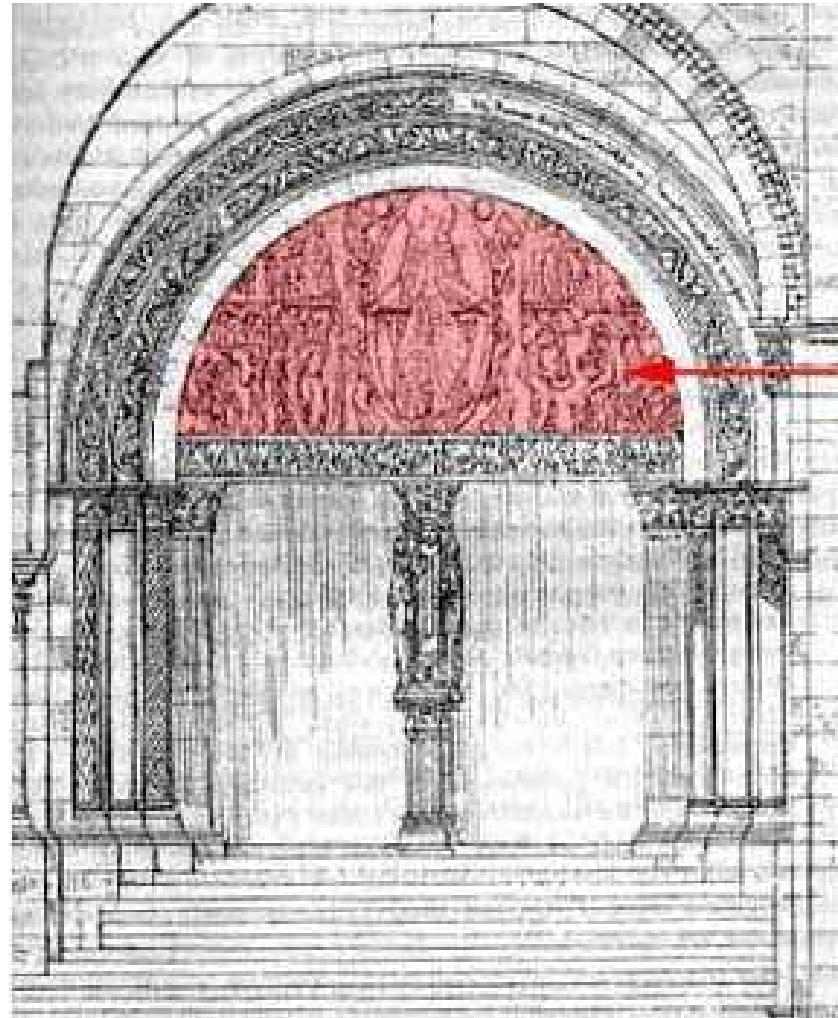
**portal**



# ARQUIVOLTAS

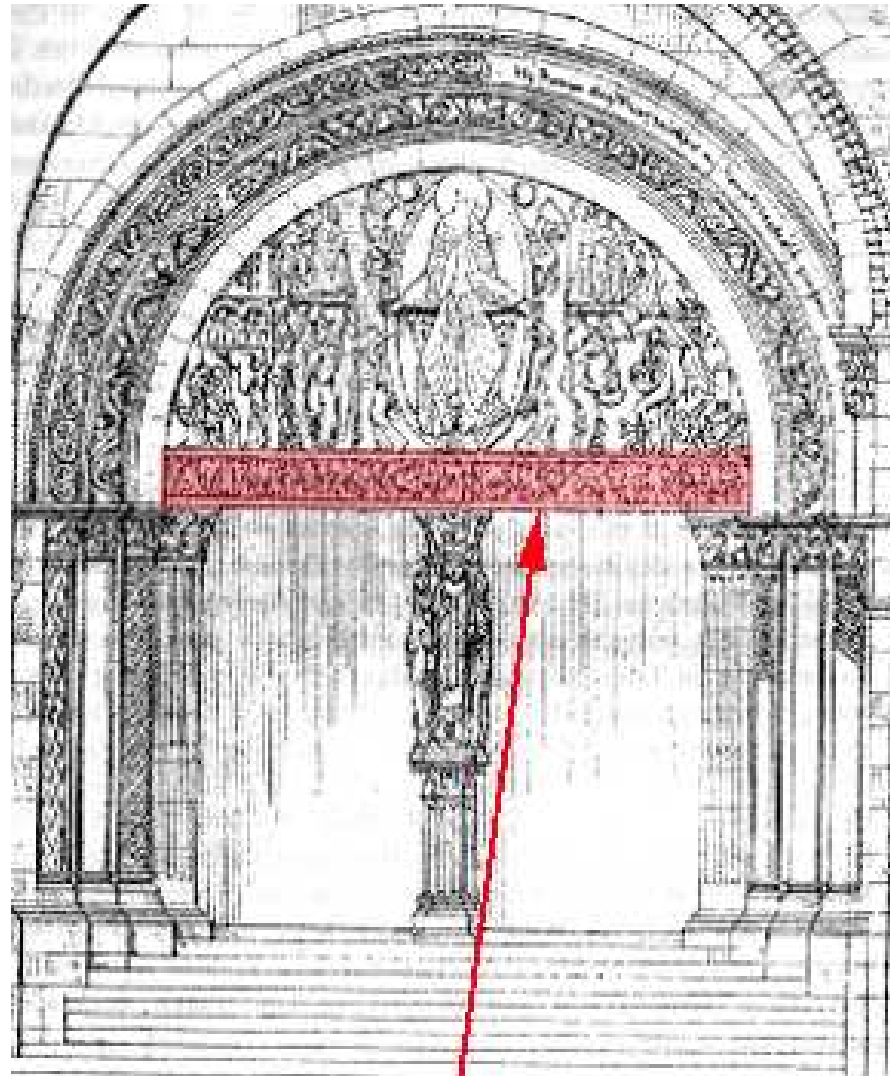


# TÍMPANO



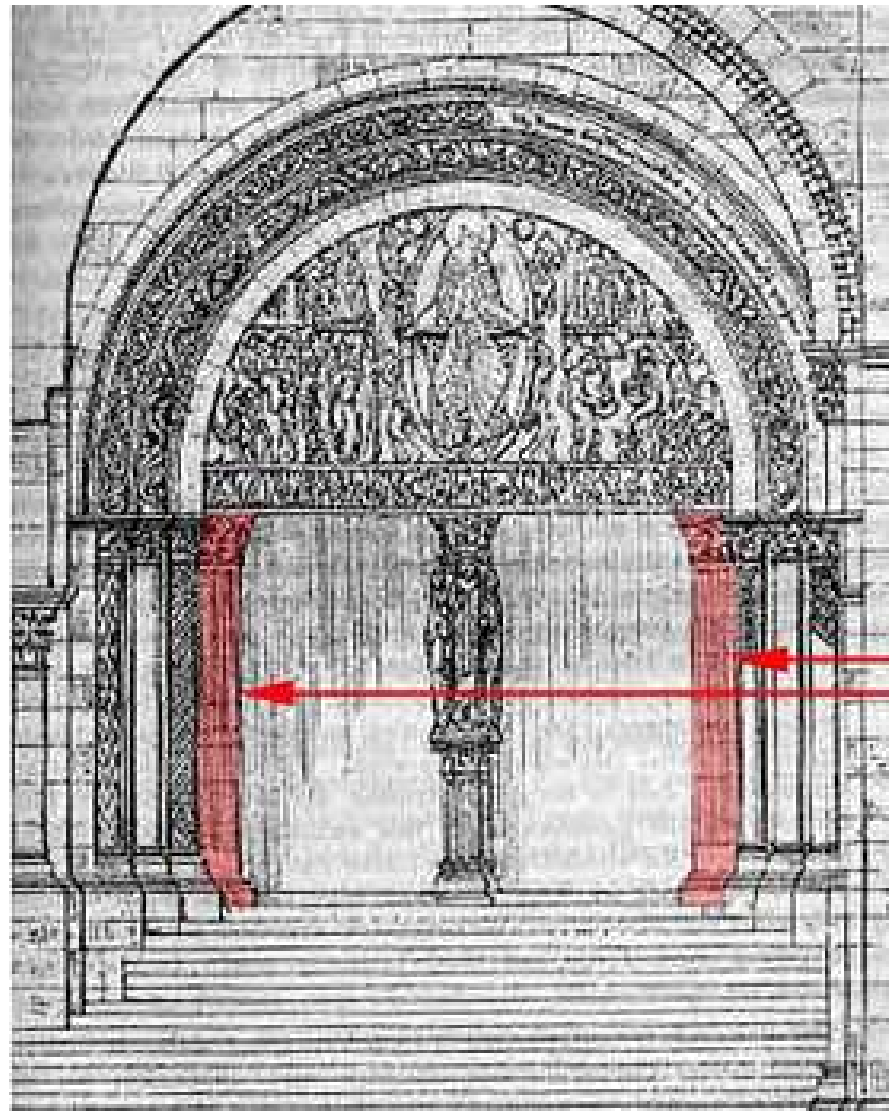
tympanum

# DINTEL



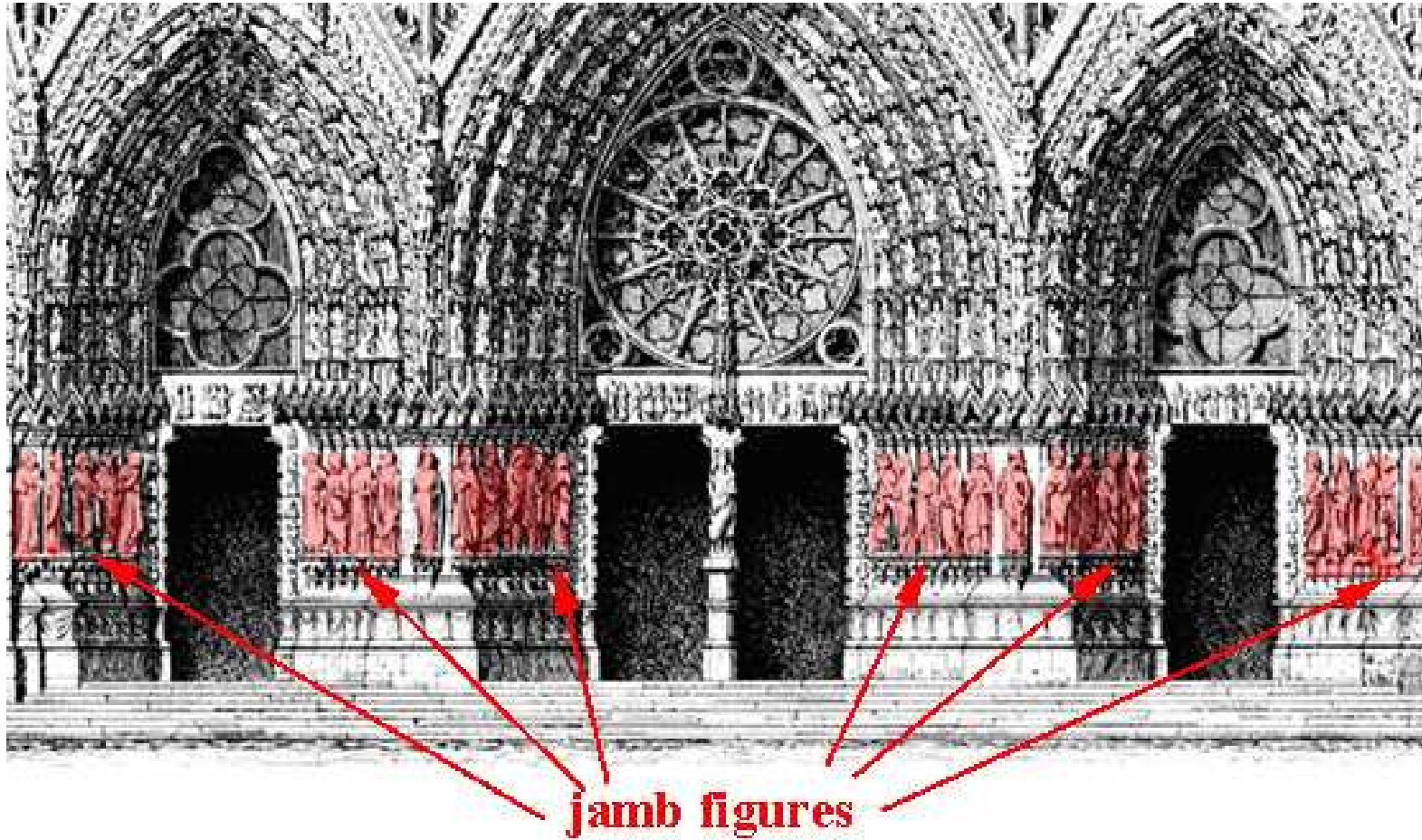
**lintel**

# JAMBAS

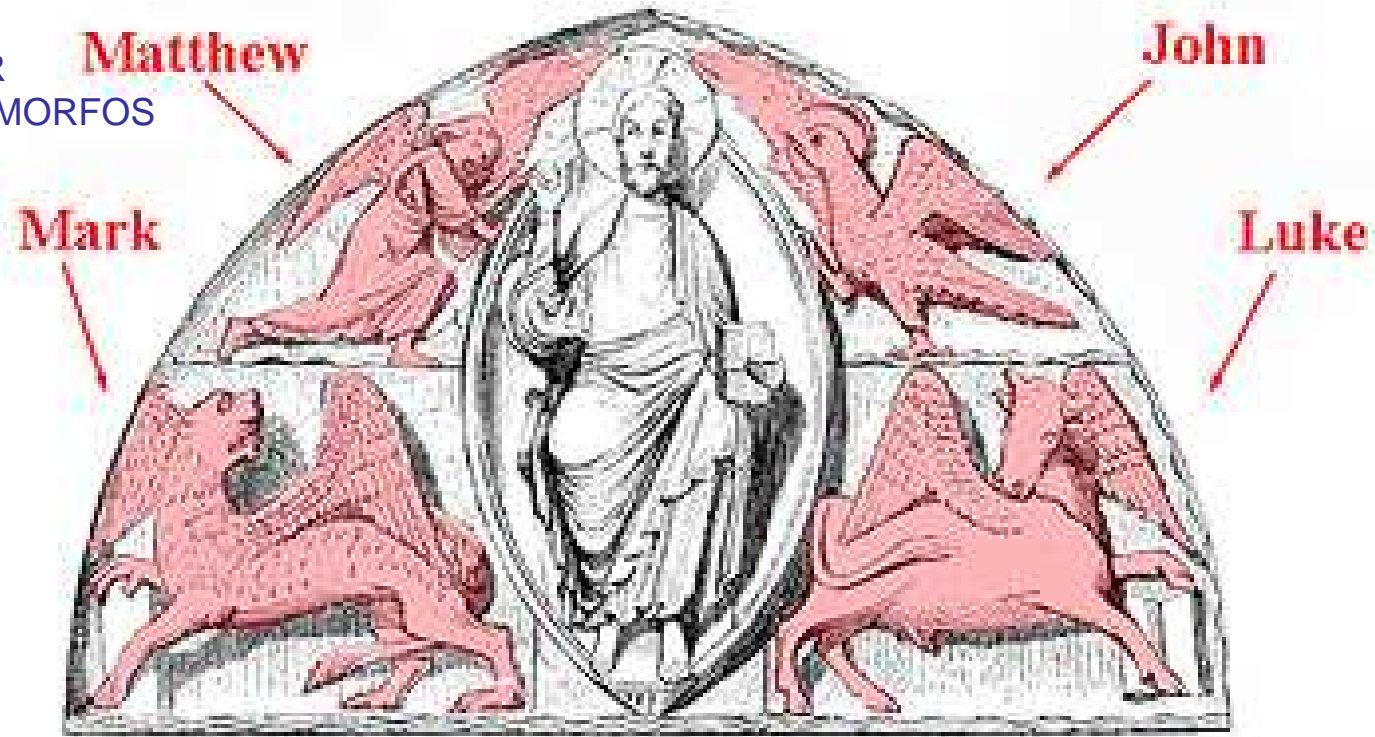


jamb

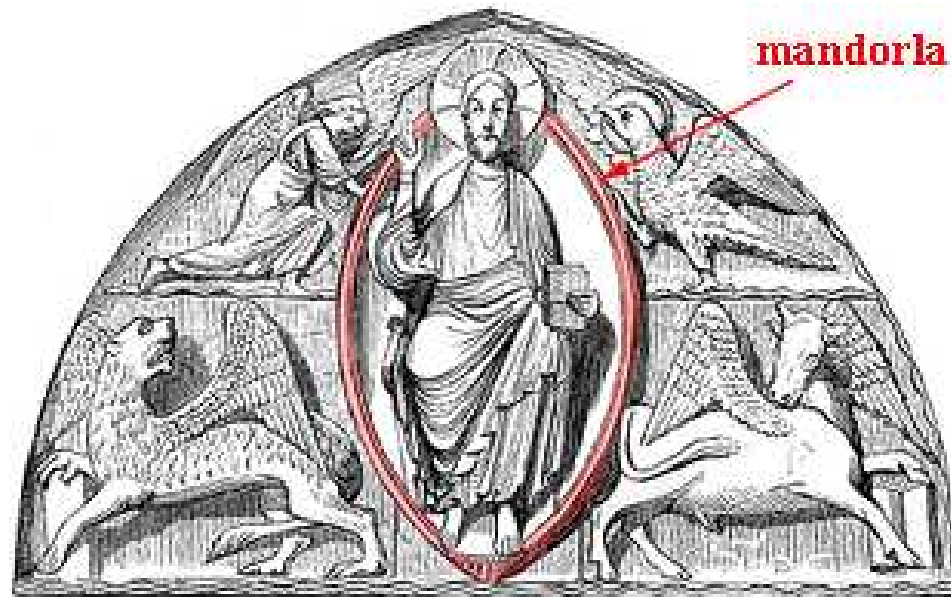
## ESTATUAS COLUMNAS (SOBRE JAMBAS)



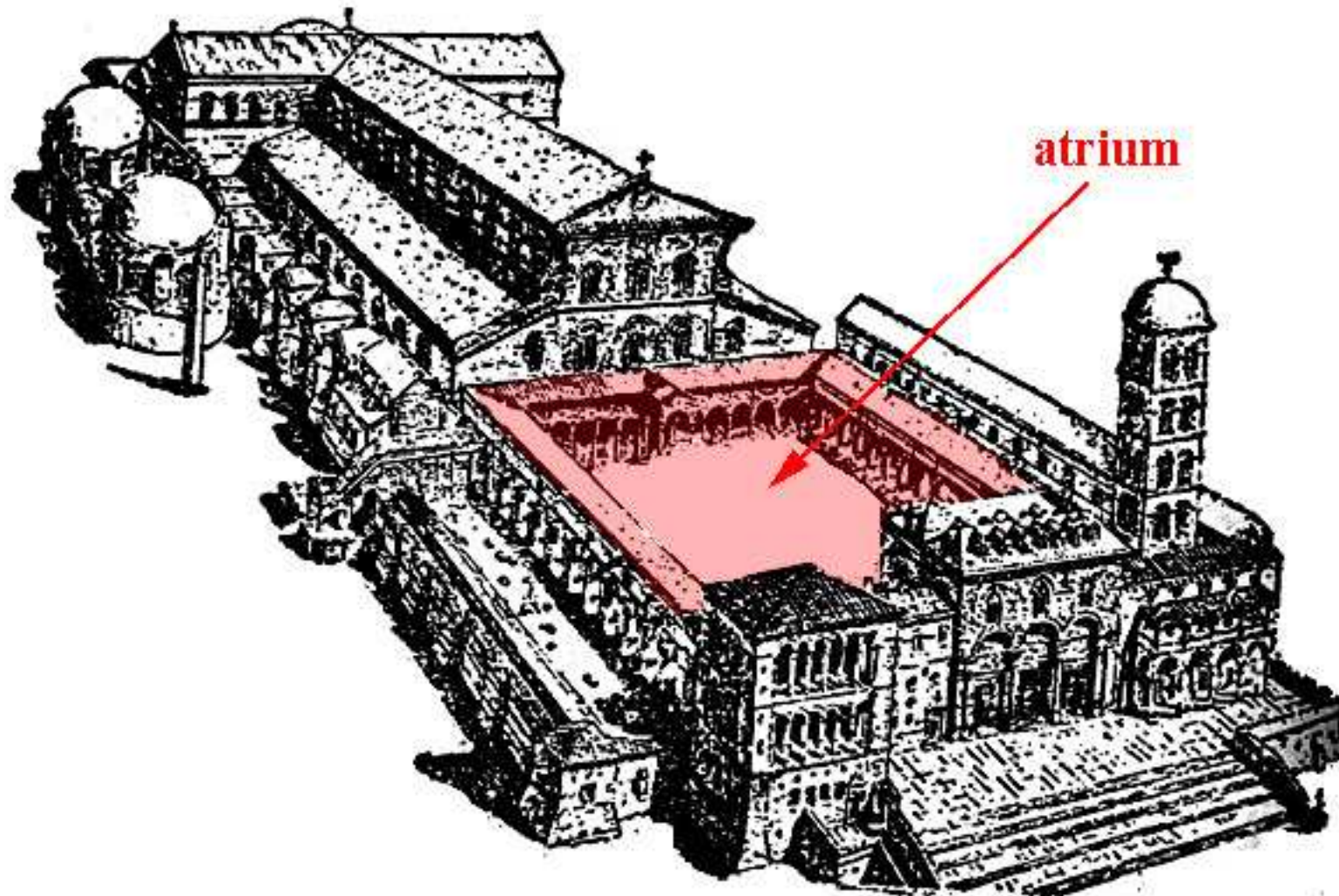
PANTÓCRATOR  
CON EL TETRAMORFOS



MANDORLA



# ATRIO

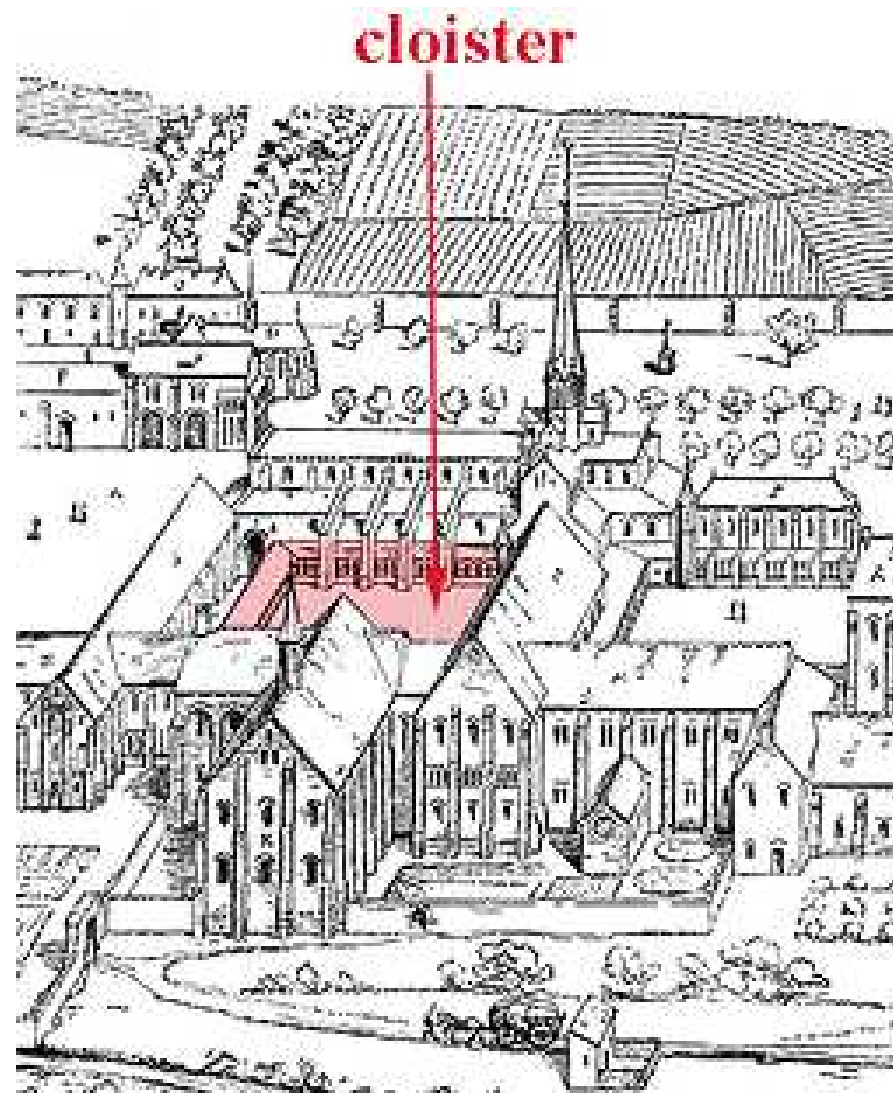


# PÓRTICO

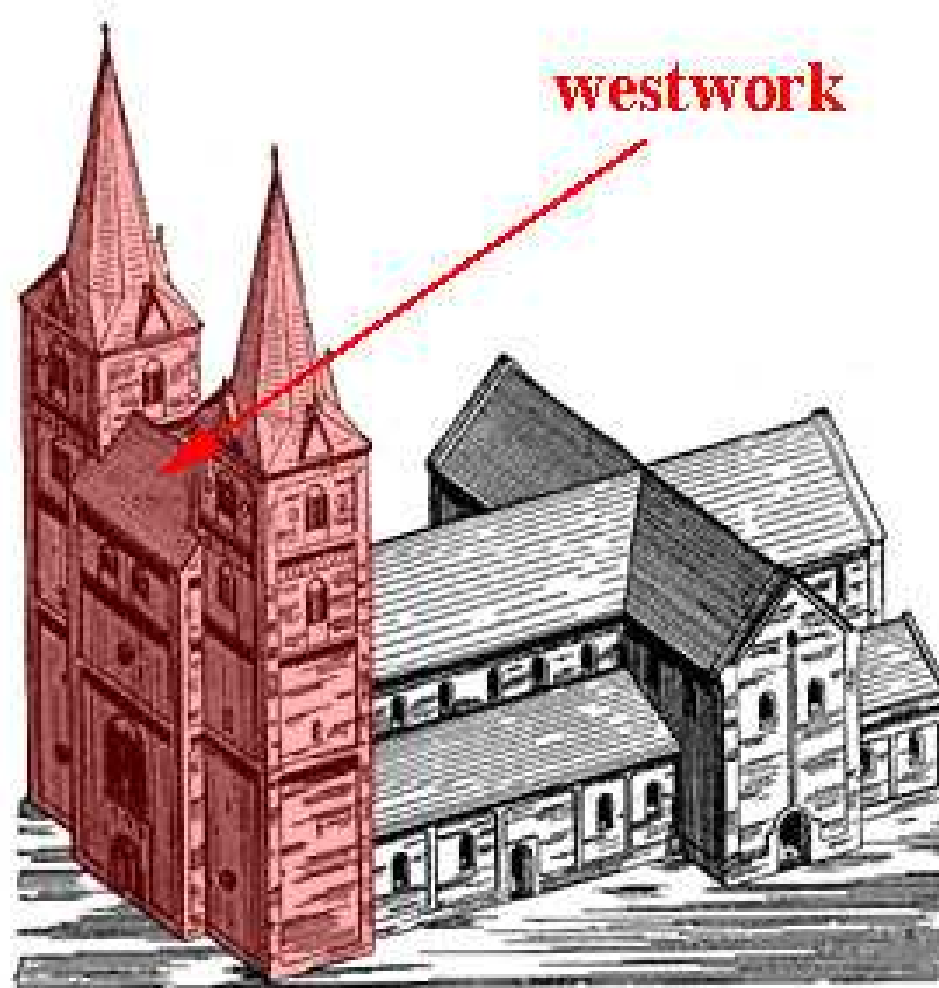




# CLAUSTRO



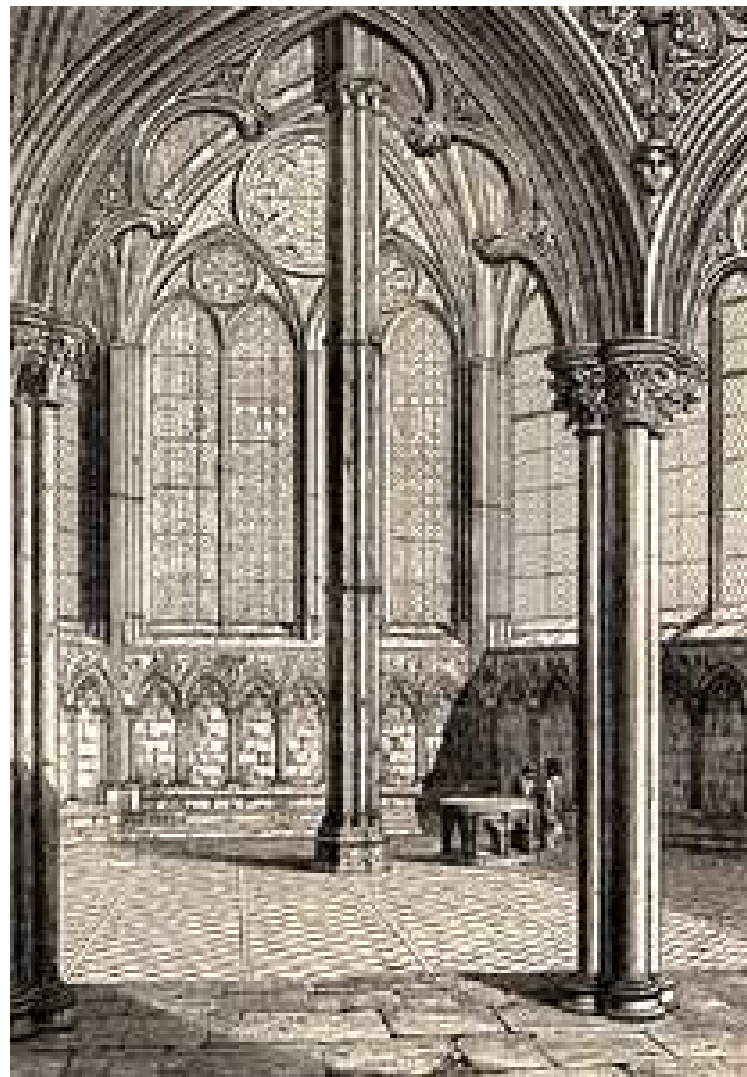
# CUERPO OCCIDENTAL



# BAPTISTERIO

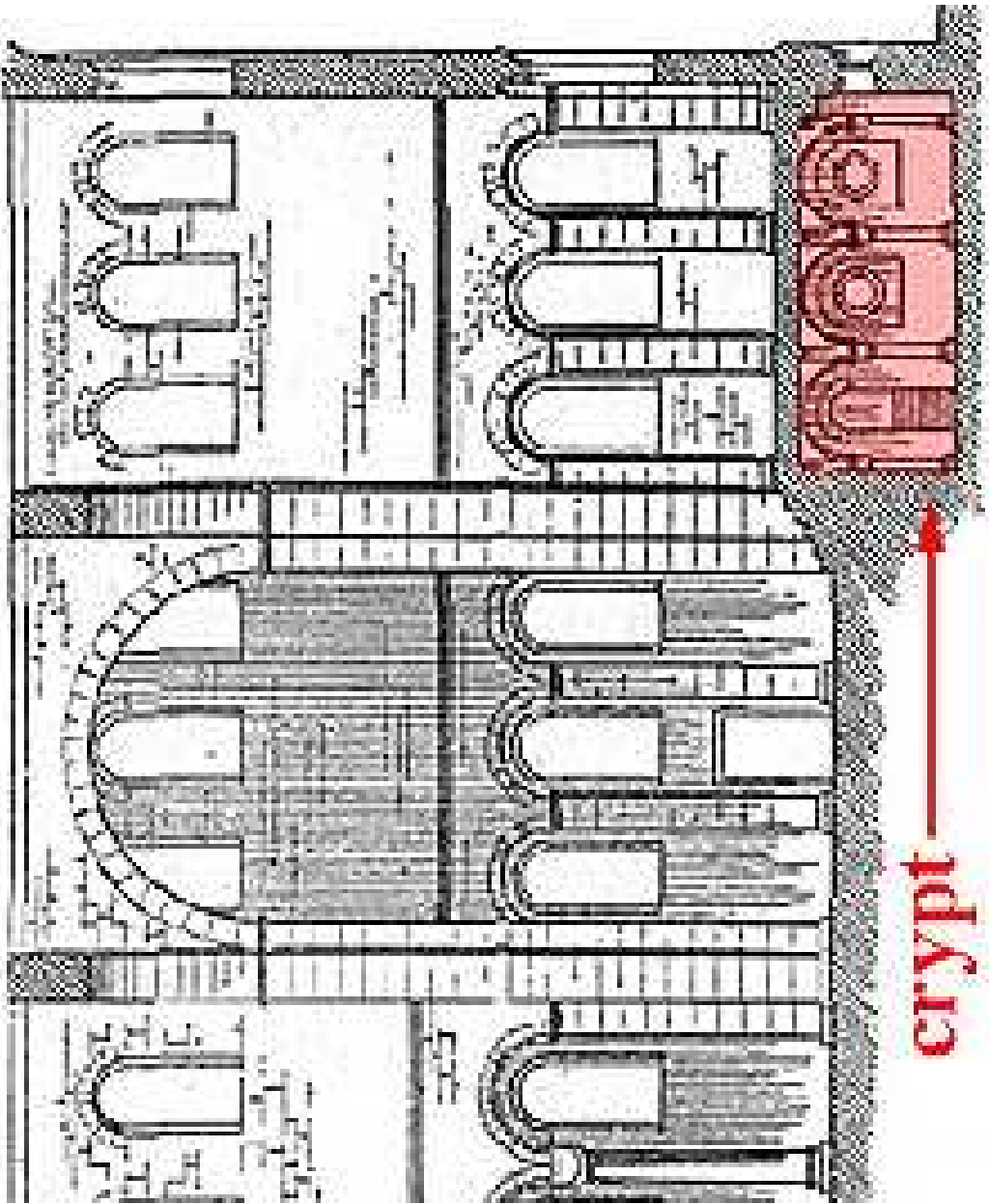


# CAPILLA



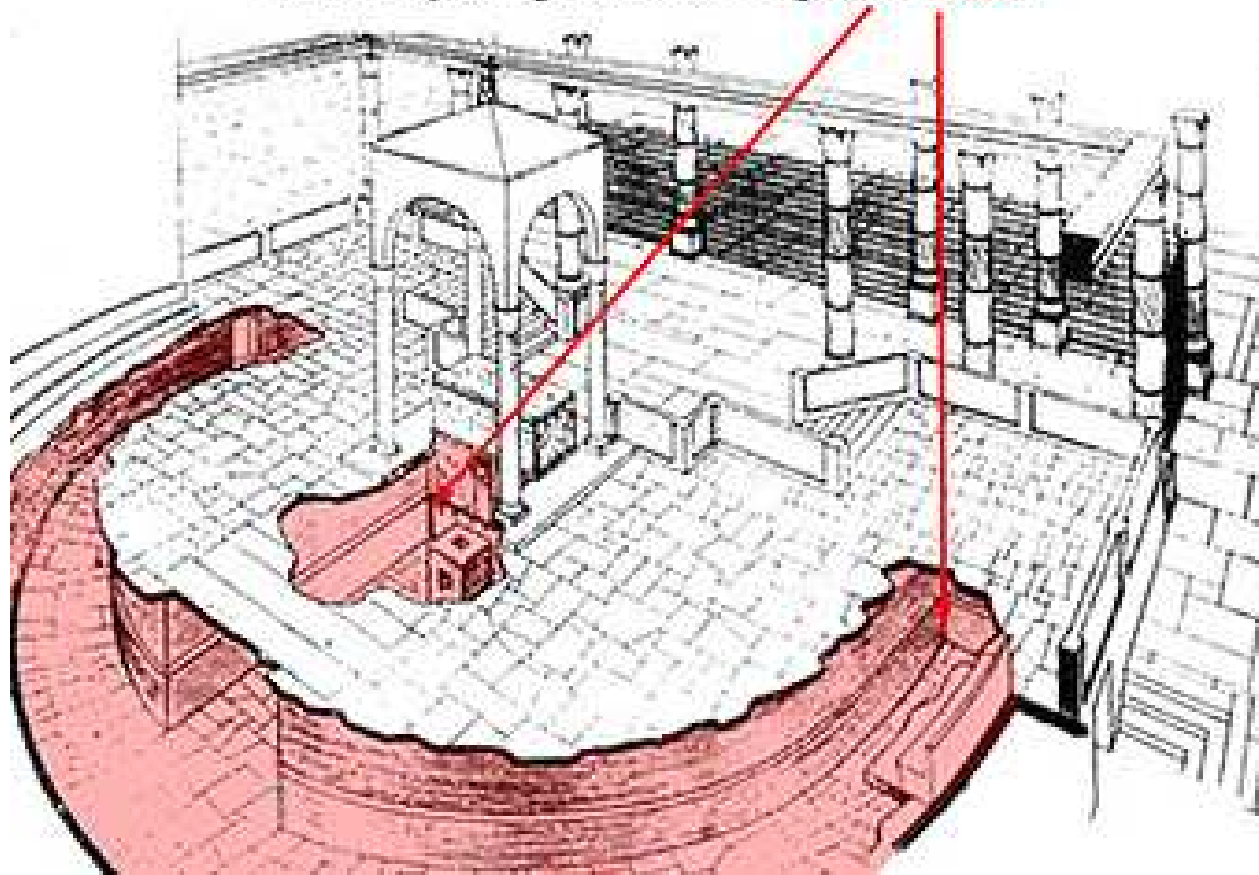
# CRIPTA



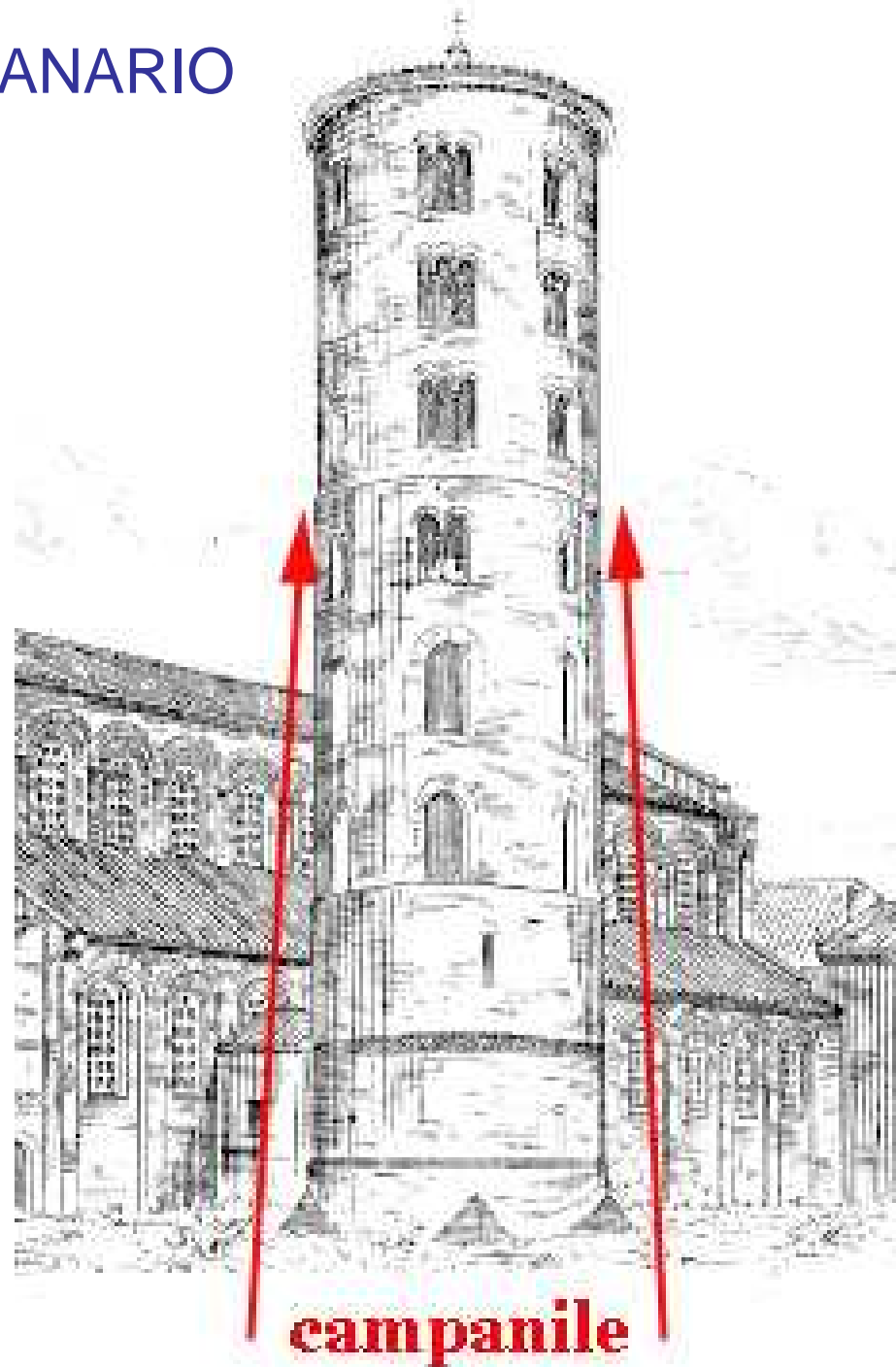


# CONFESSIO O CRIPTA

cut-away diagram showing **confessio**



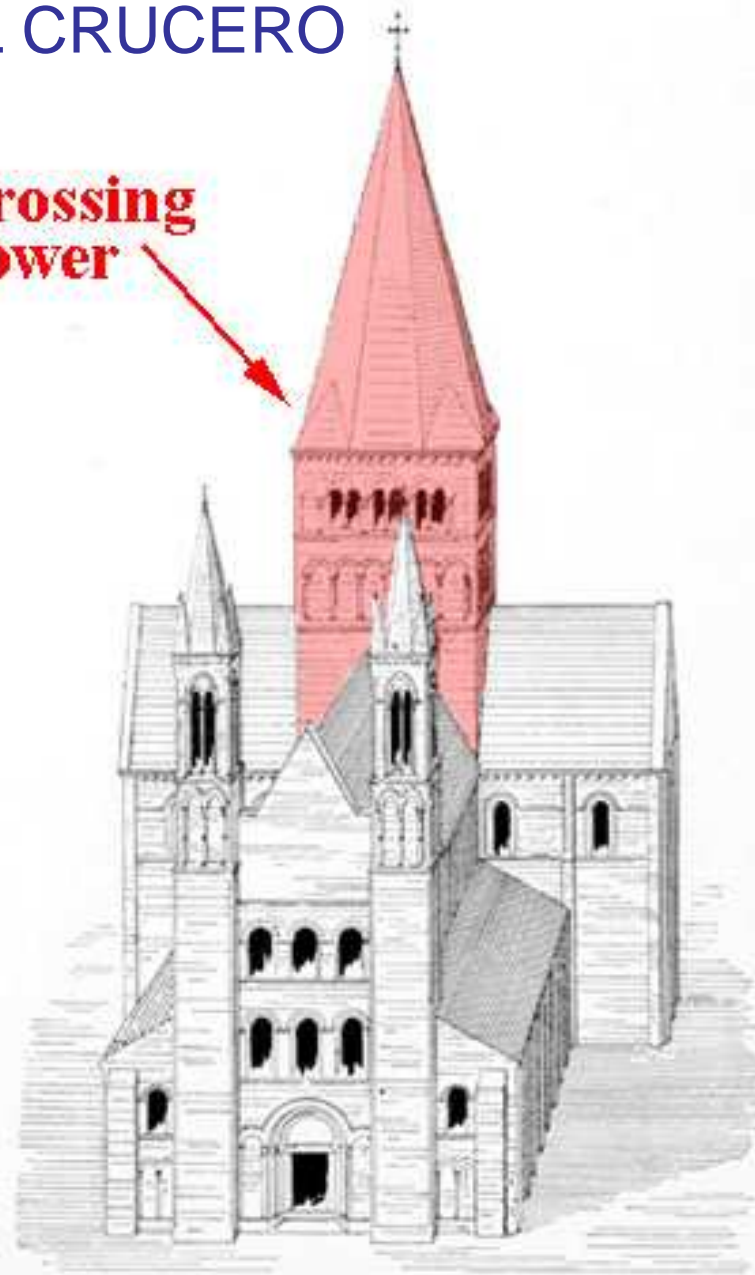
# TORRE CAMPANARIO

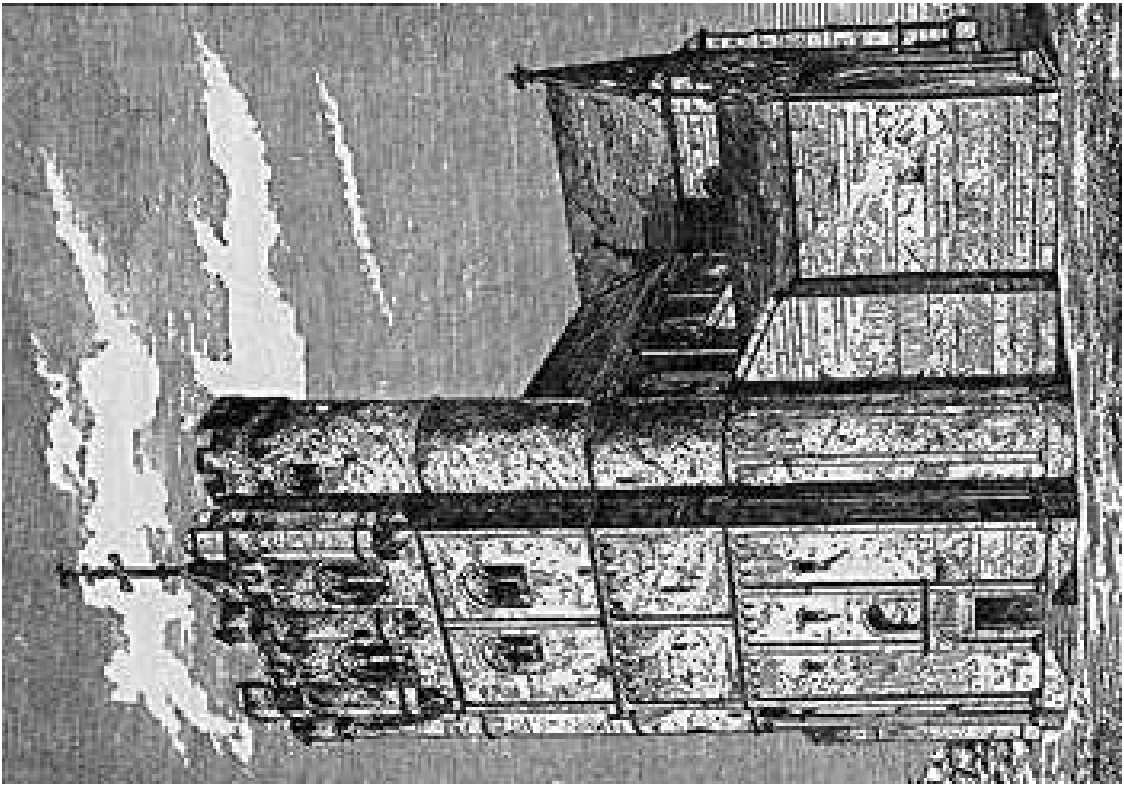




# TORRE SOBRE EL CRUCERO O CIMBORRIO

**crossing  
tower**

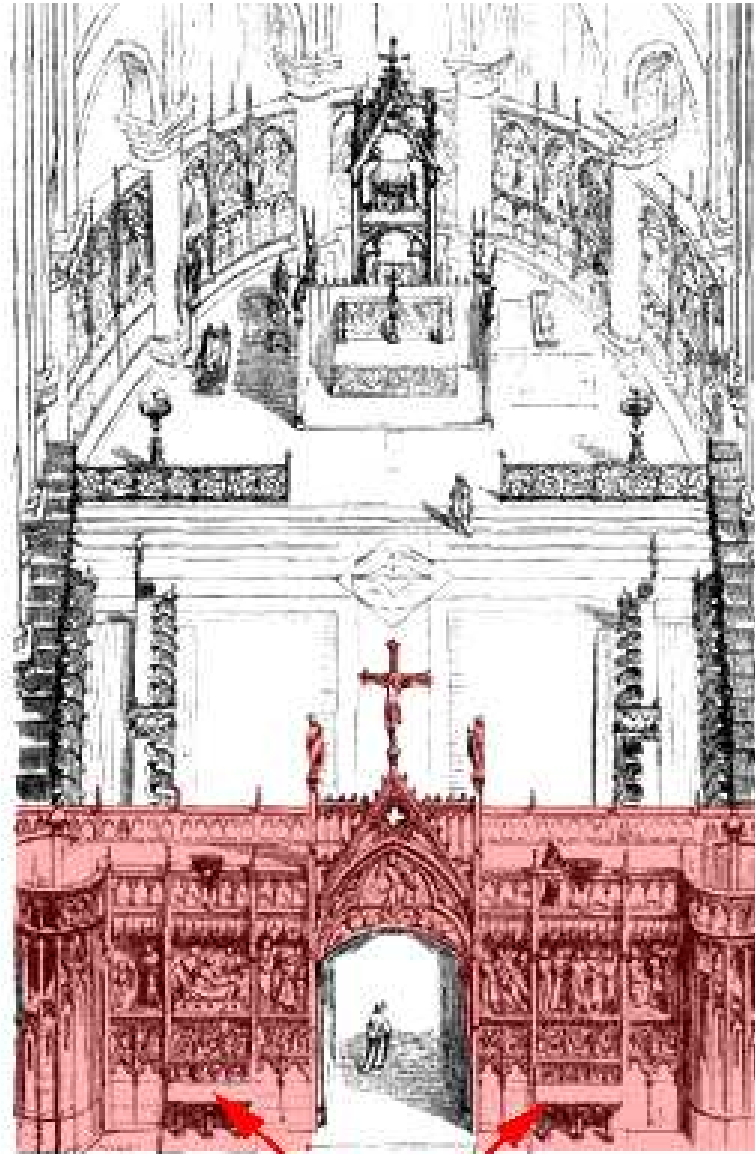




# ESPADAÑA

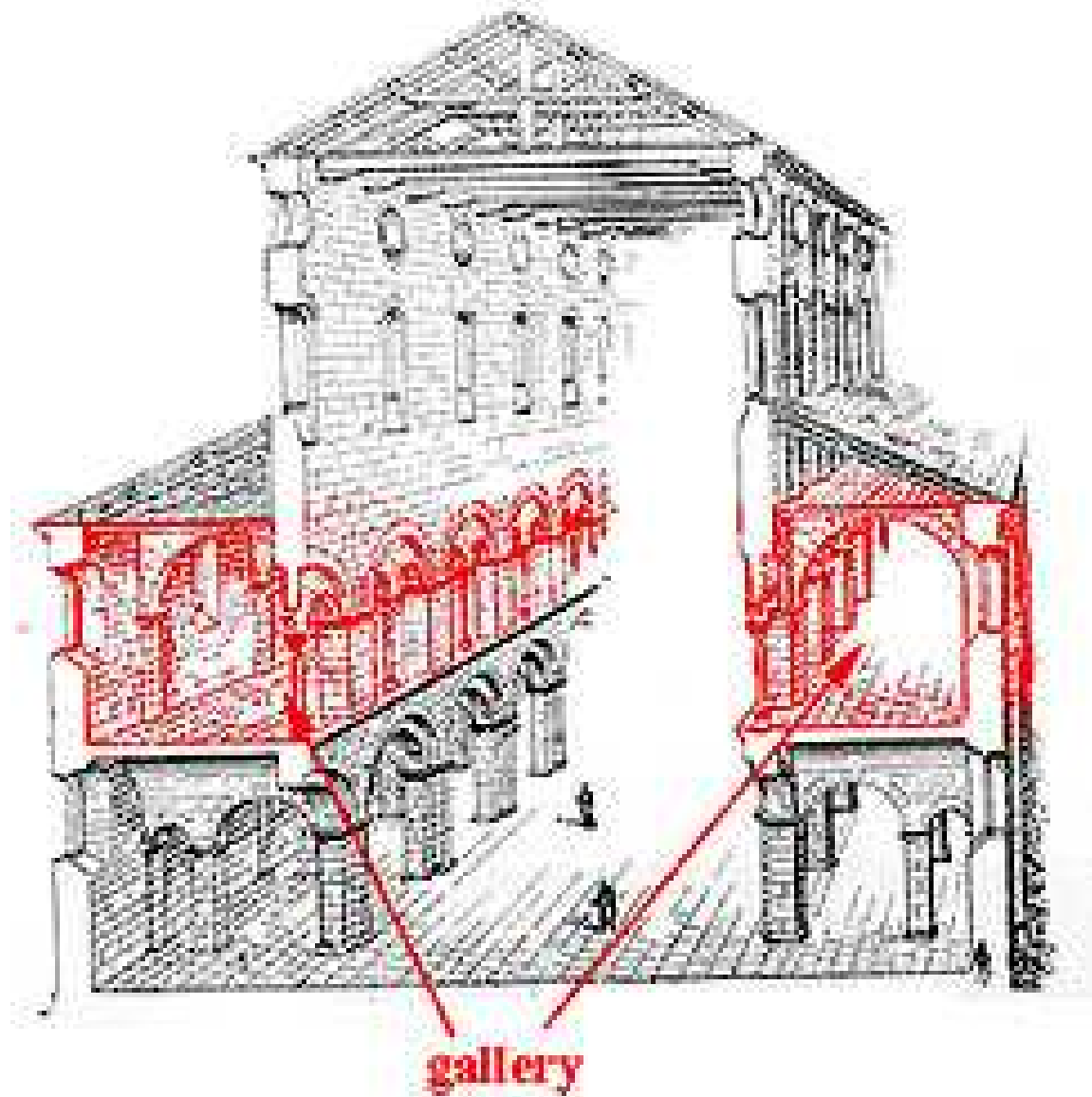


CORO CON SU  
TRASCORO

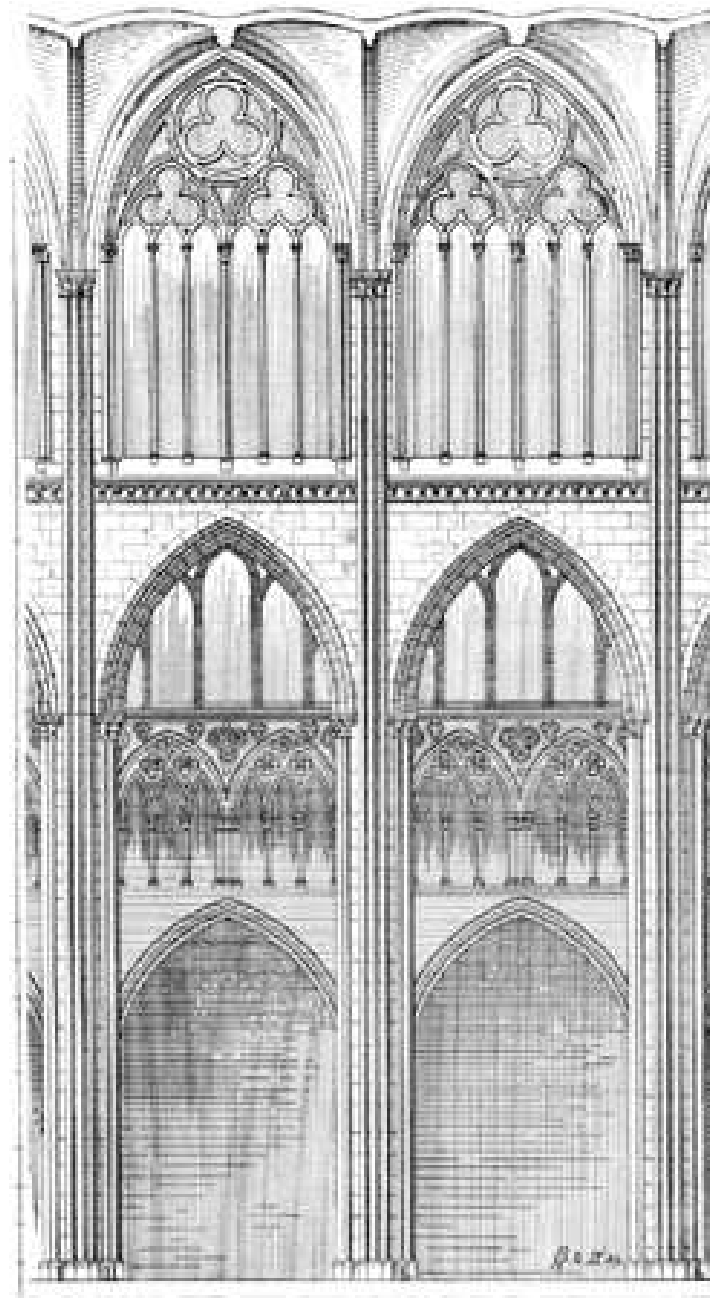


choir screen

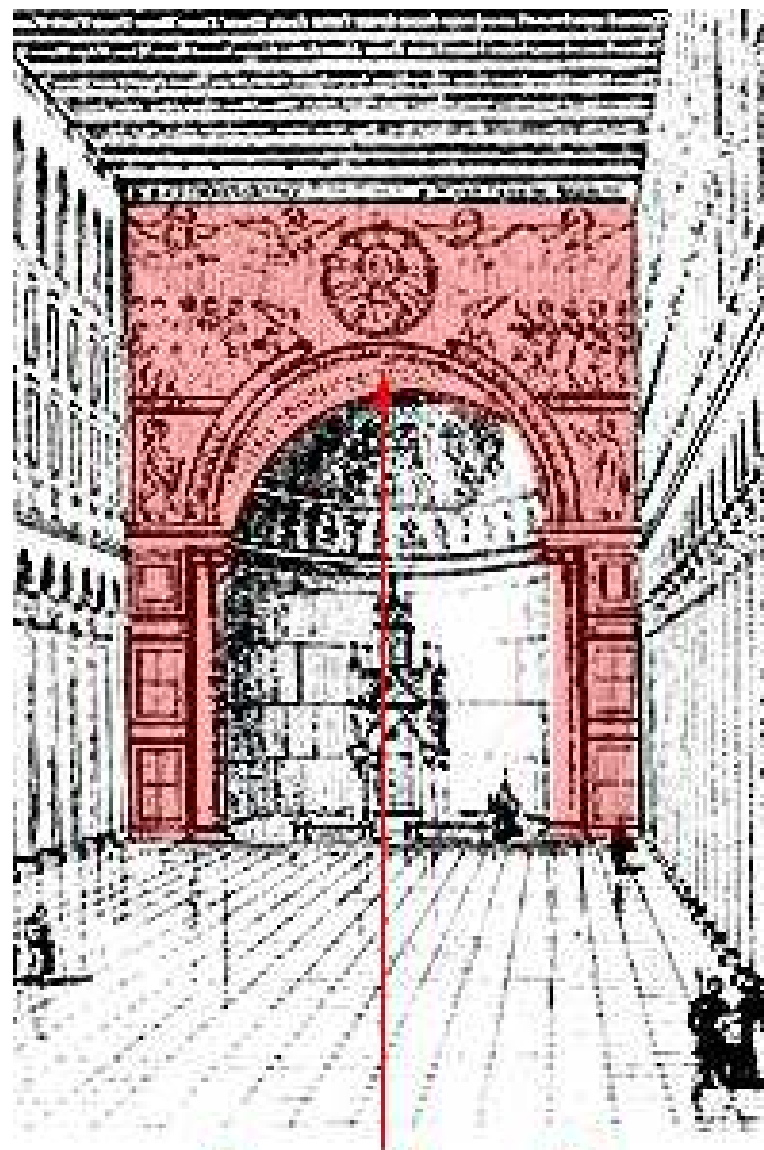
# GALERÍA O TRIBUNA



# ALZADO DE LA NAVE



ARCO CANCEL  
O TRIUNFAL  
O DIAFRAGMA

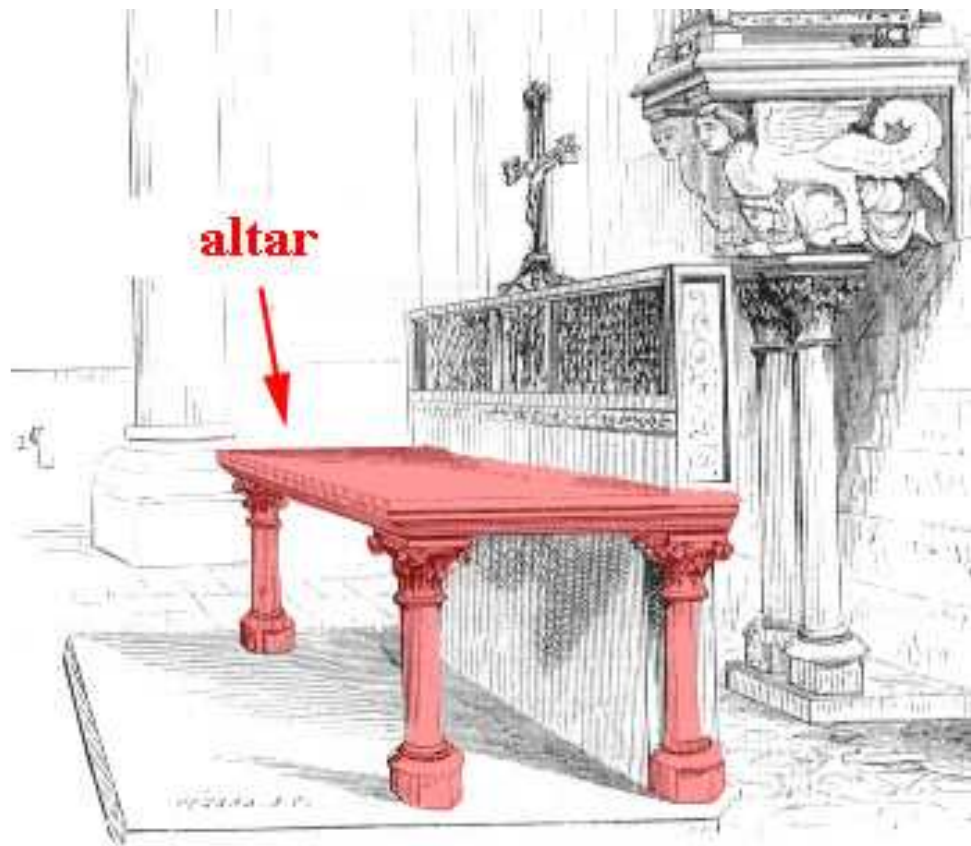


**chancel arch**

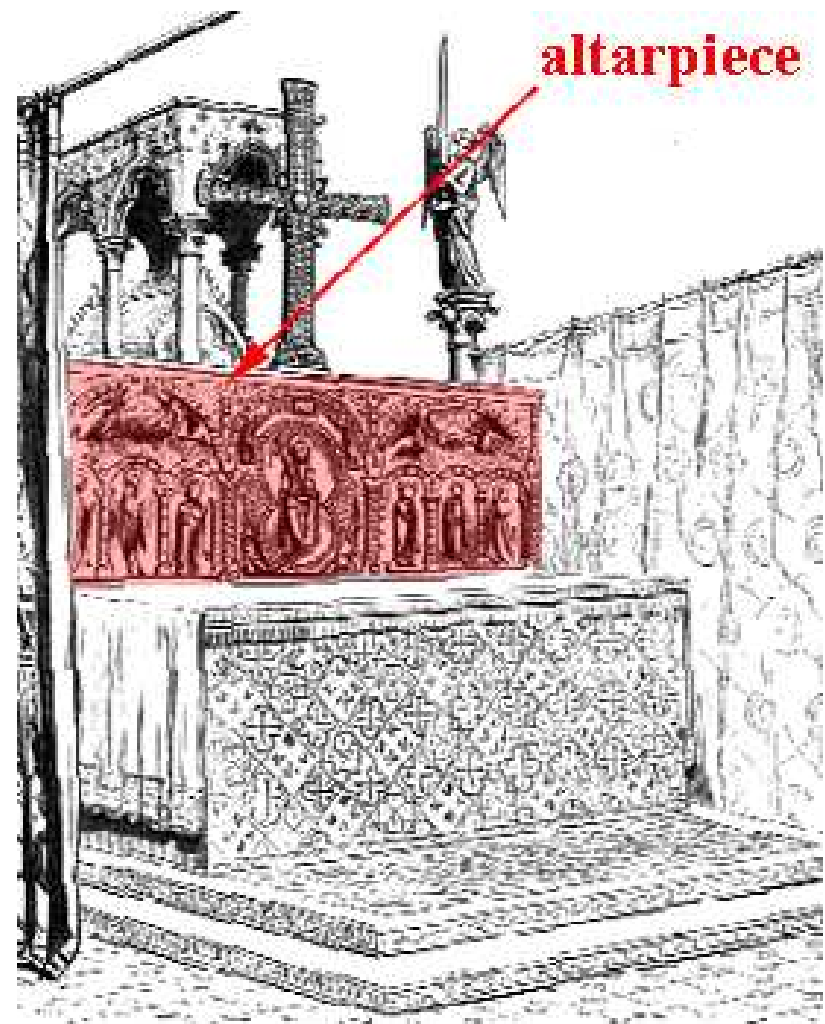
# **LA DECORACIÓN**



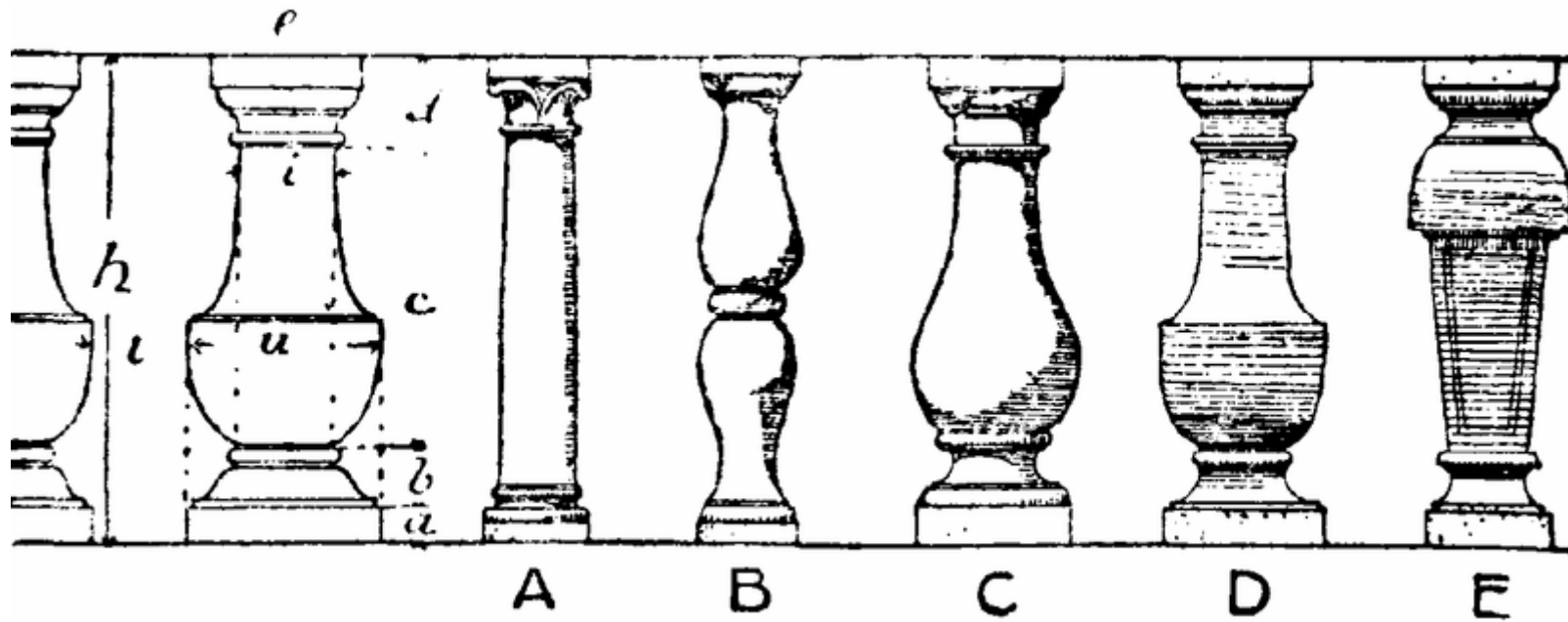
# ALTAR



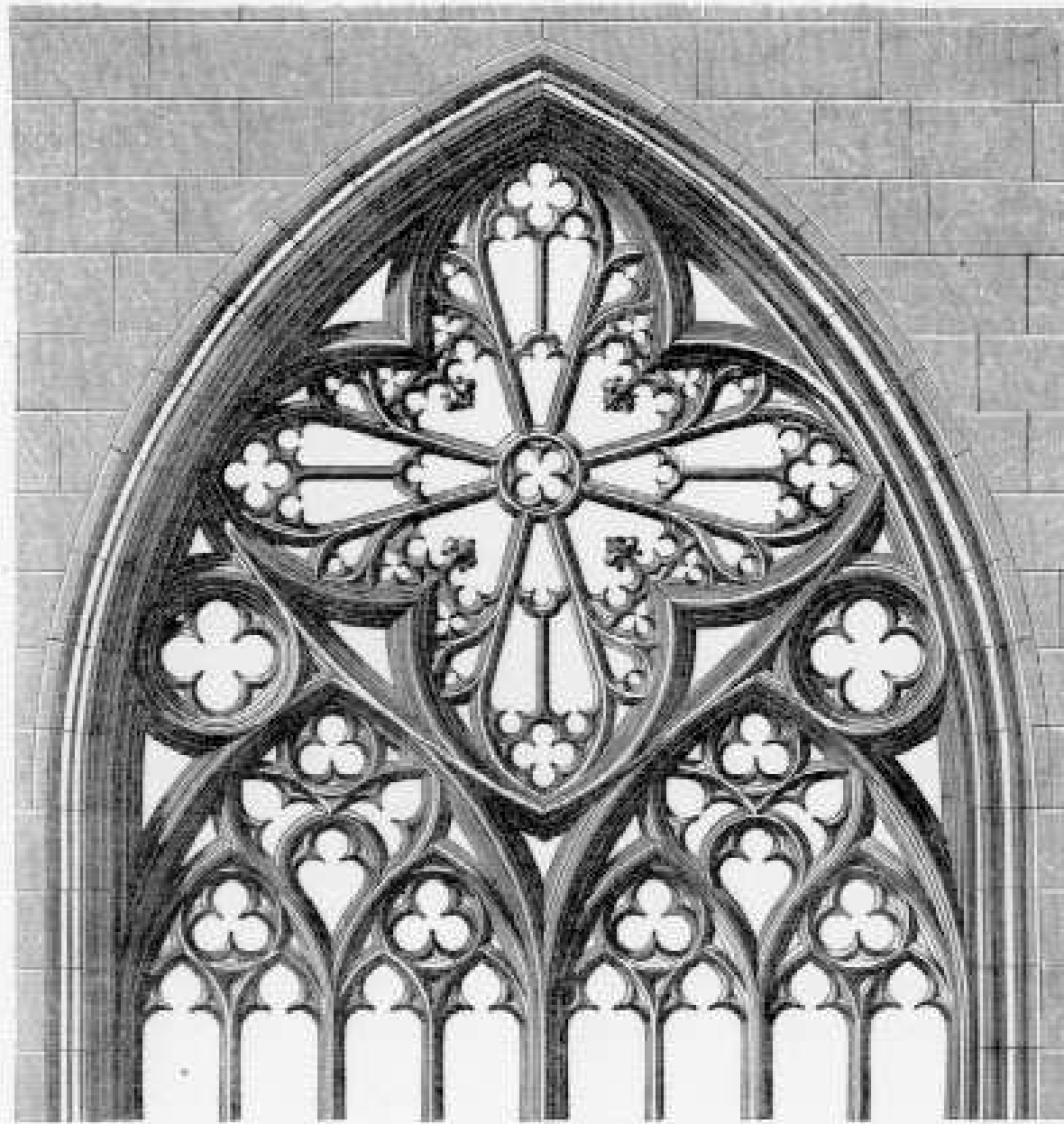
# RETABLO



# TIPOS DE BALAUSTRÉS

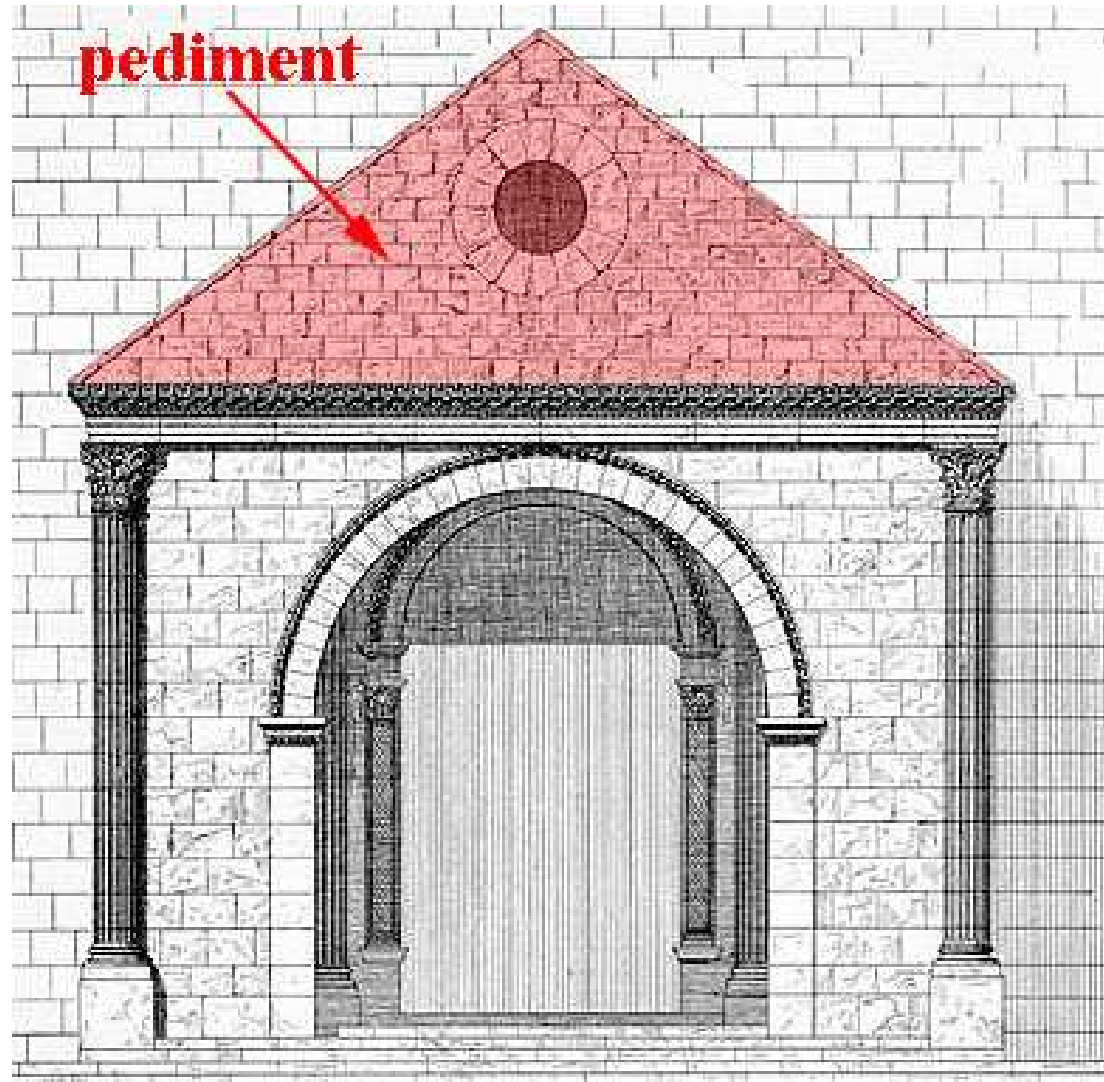


# TRACERÍA GÓTICA

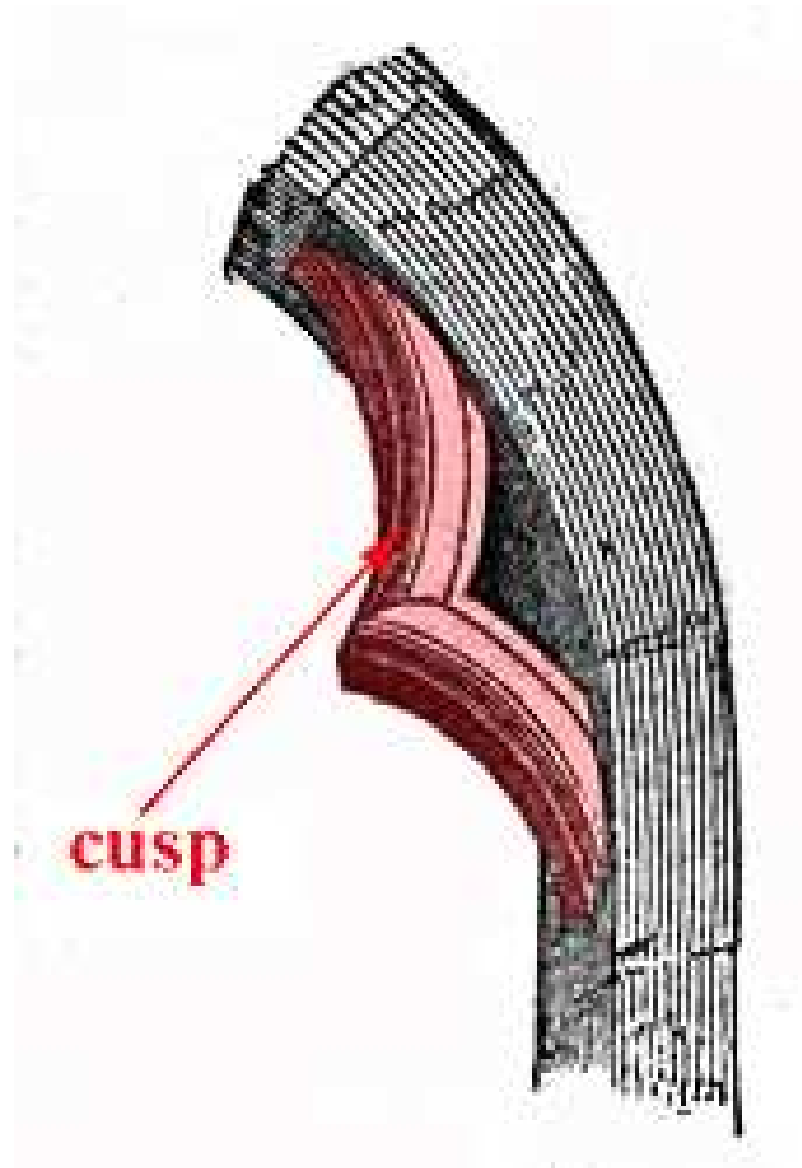


I. BEBENHAUSEN.

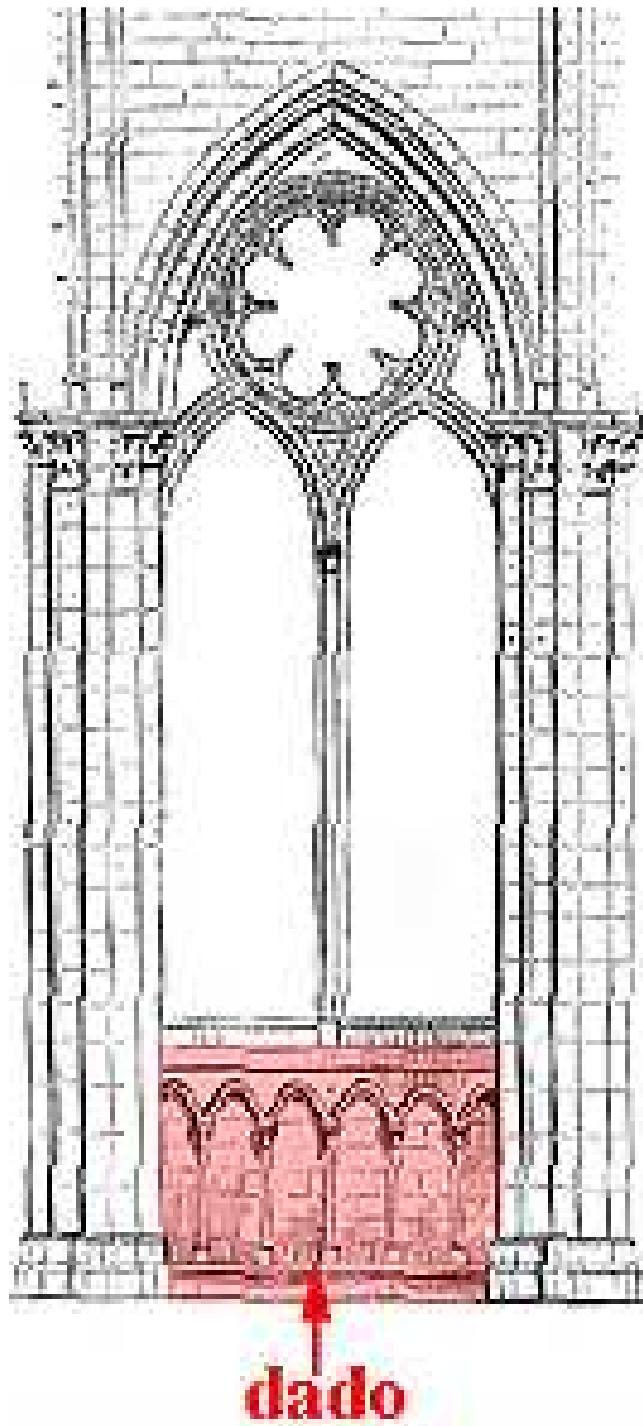
# FRONTÓN



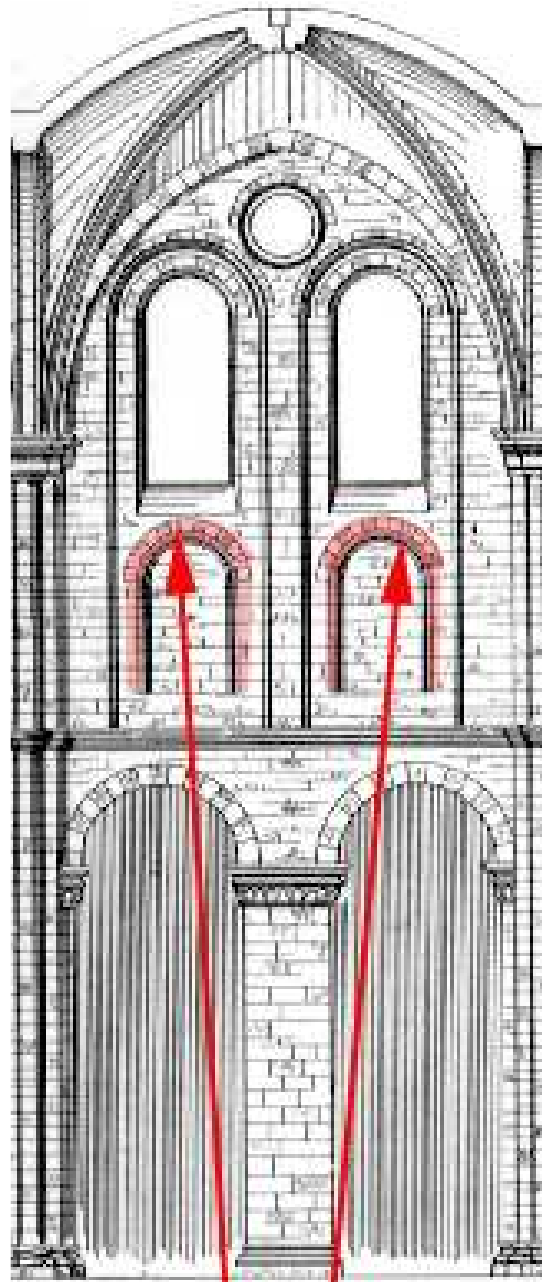
# CAIREL O FESTÓN



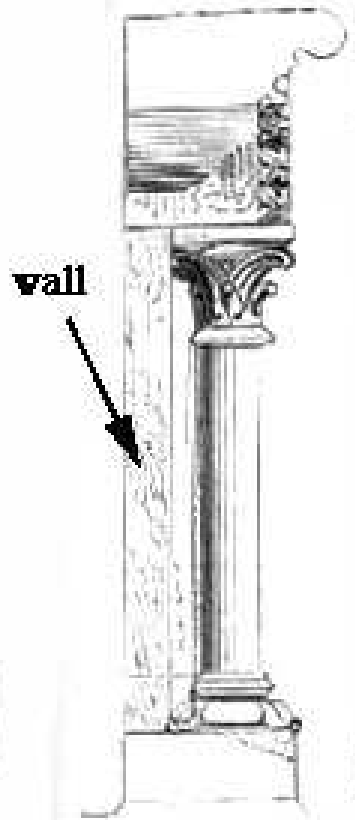
# ARQUERÍA CIEGA



# ARCOS CIEGOS

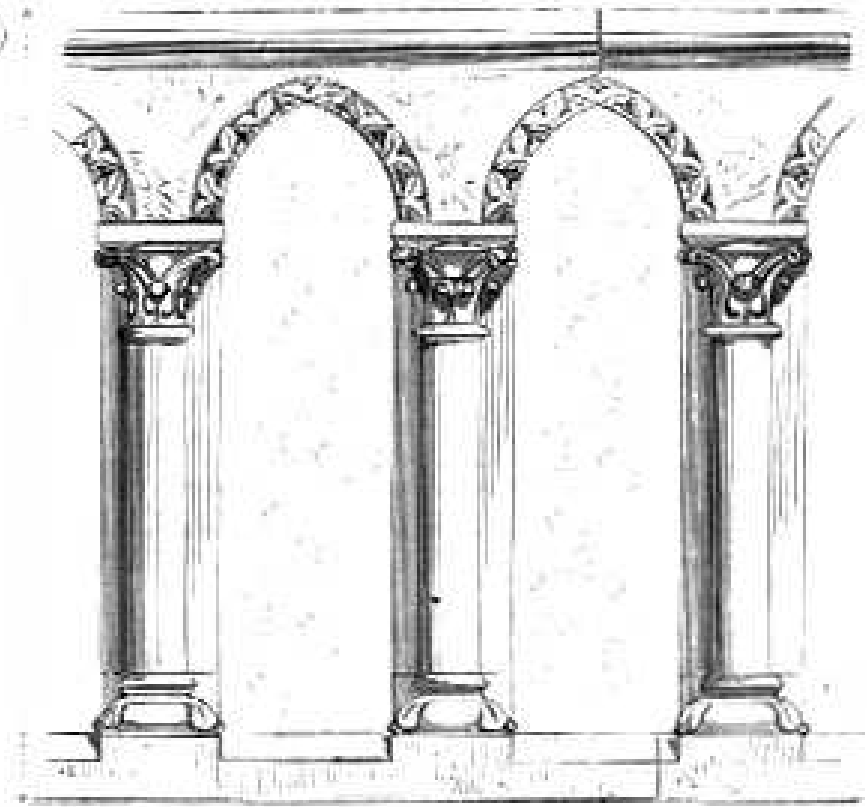


**blind  
arch**



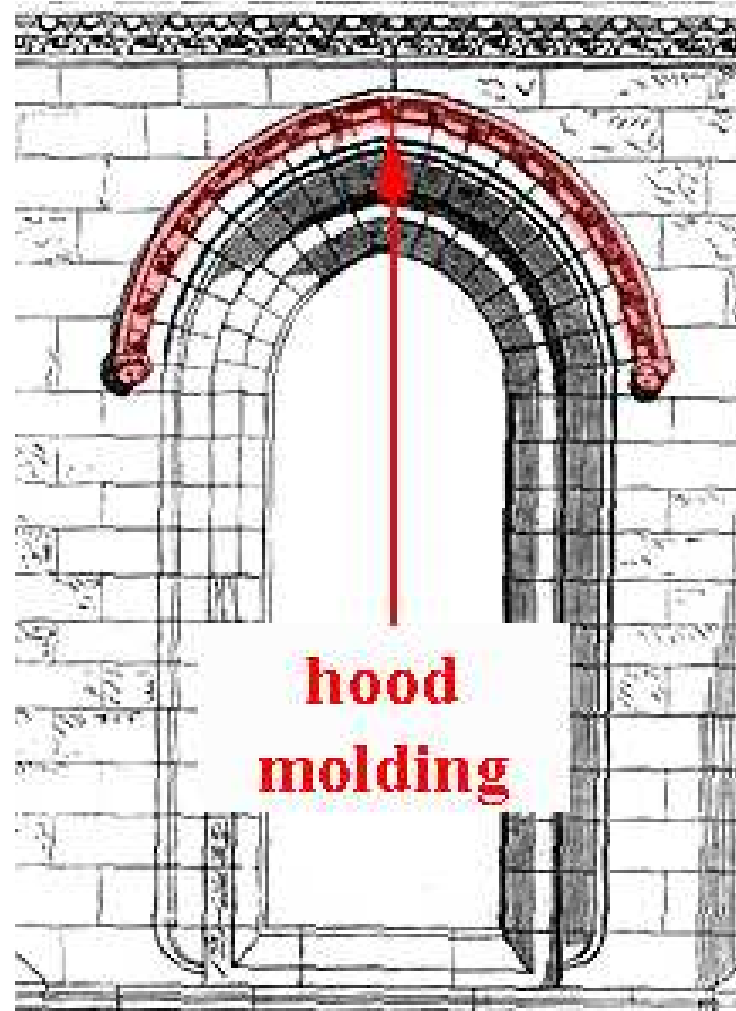
wall

side  
view

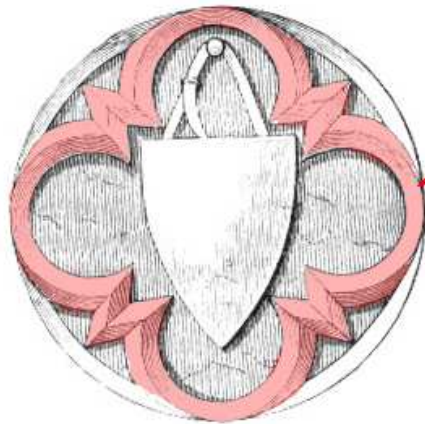


view from front

# MOLDURA DE TEJADILLO



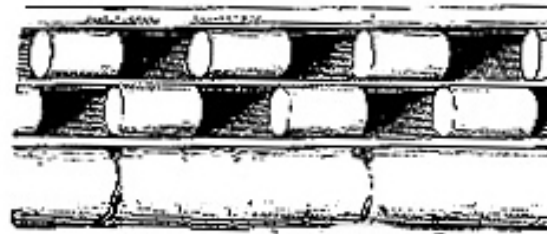




**barbed  
quatrefoil**

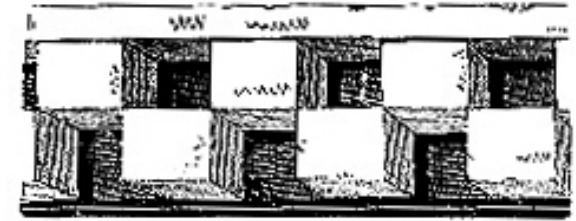
England: Westminster  
Monument of Aymer de Valence

CUADRIFOLIO



round billet

BILLETES



square billet

DADOS

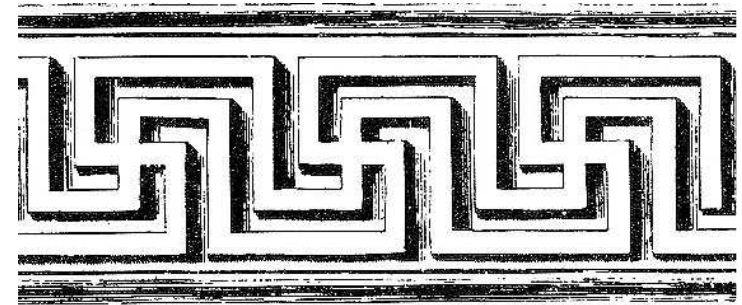
## TIPOS DE MOLDURAS



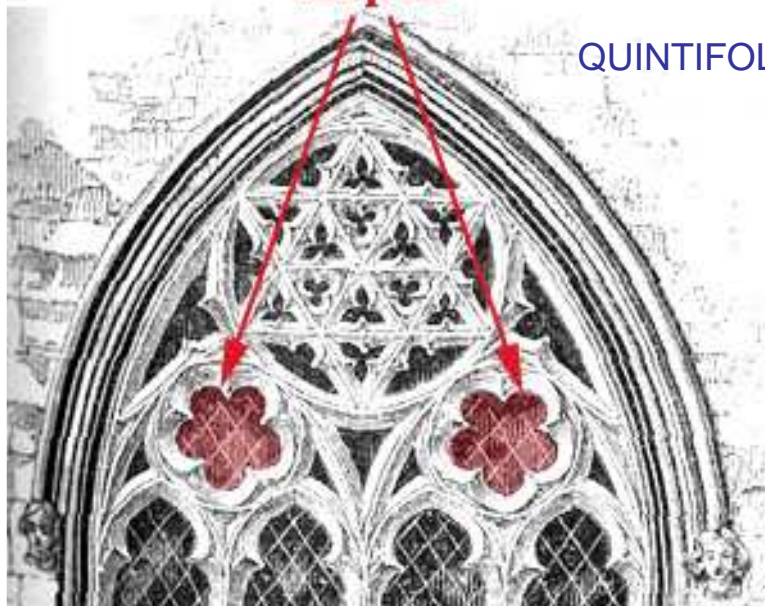
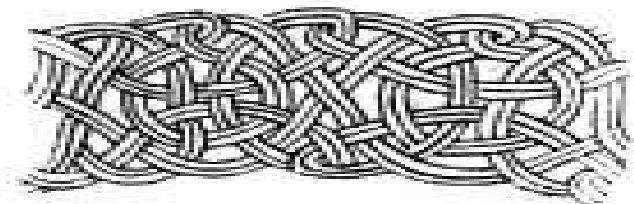
**cinqfoil**

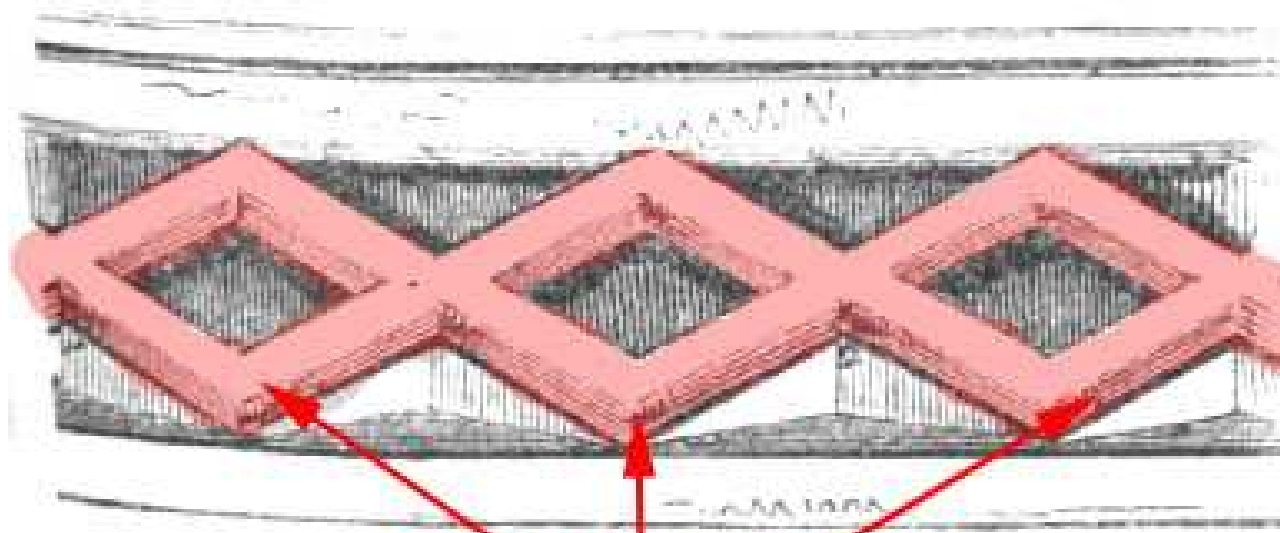
QUINTIFOLIO

GRECA



LACERÍA

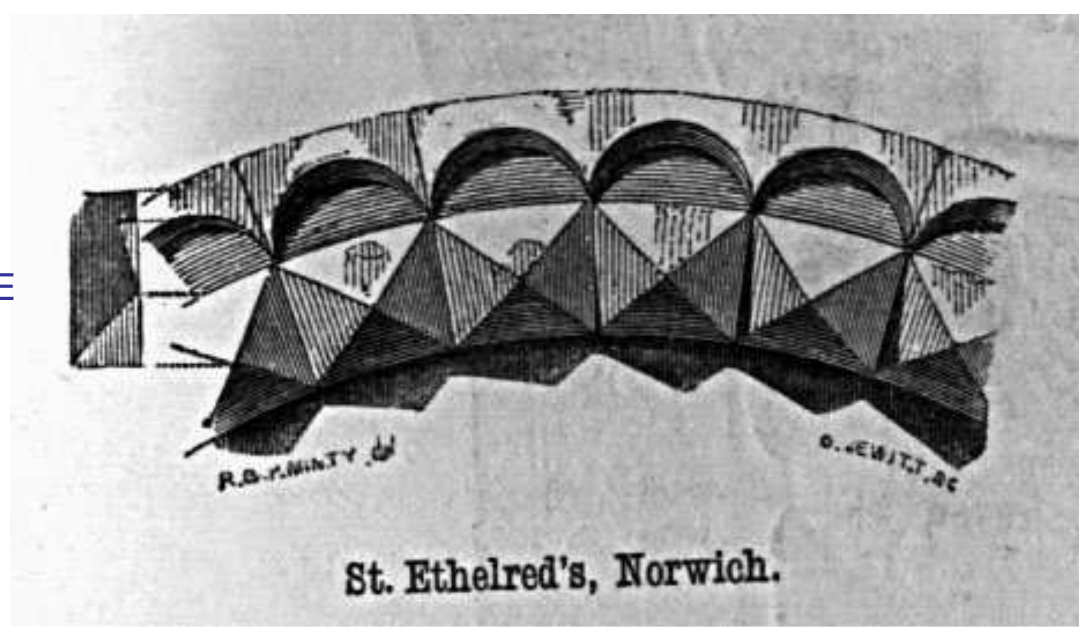




LOSANGE

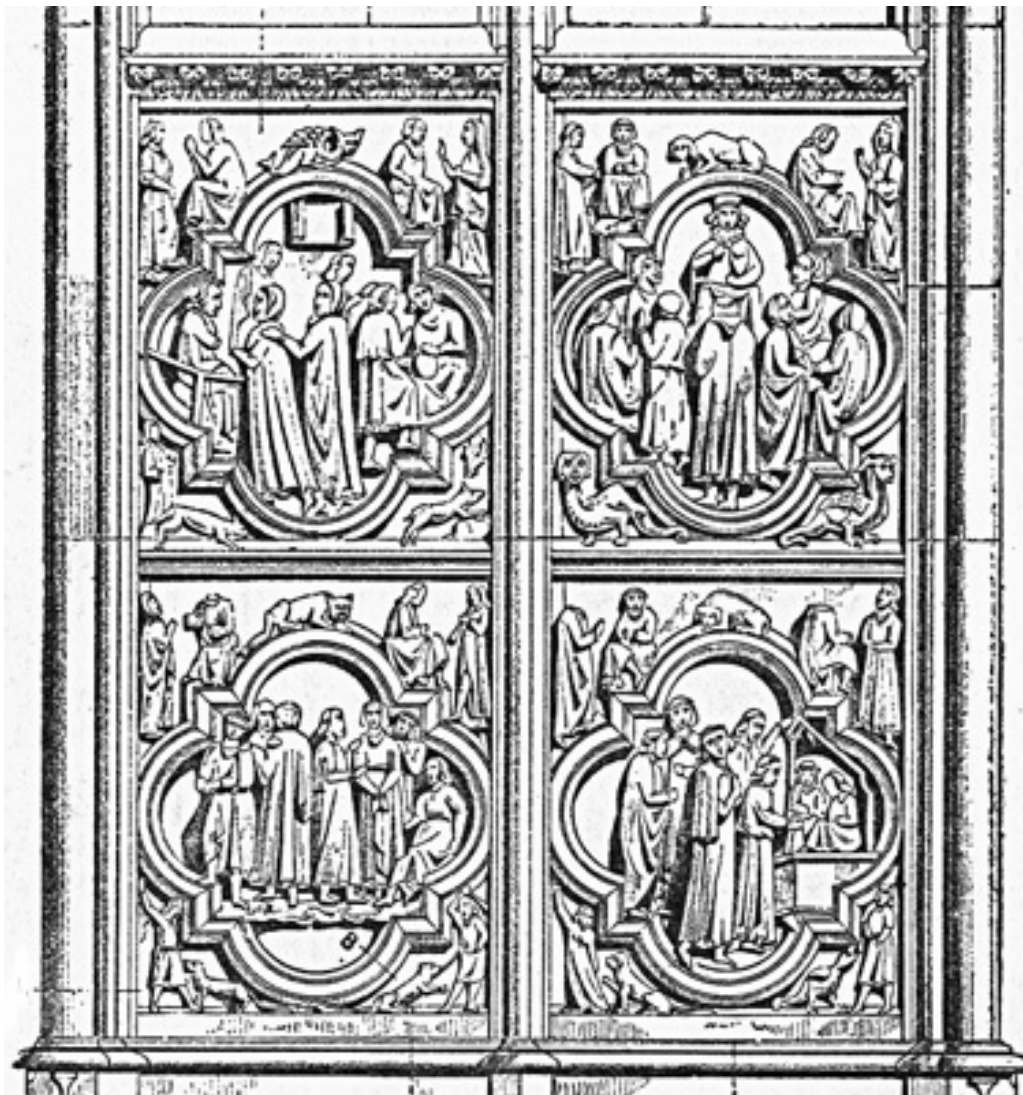
**lozenge**

PUNTAS DE DIAMANTE

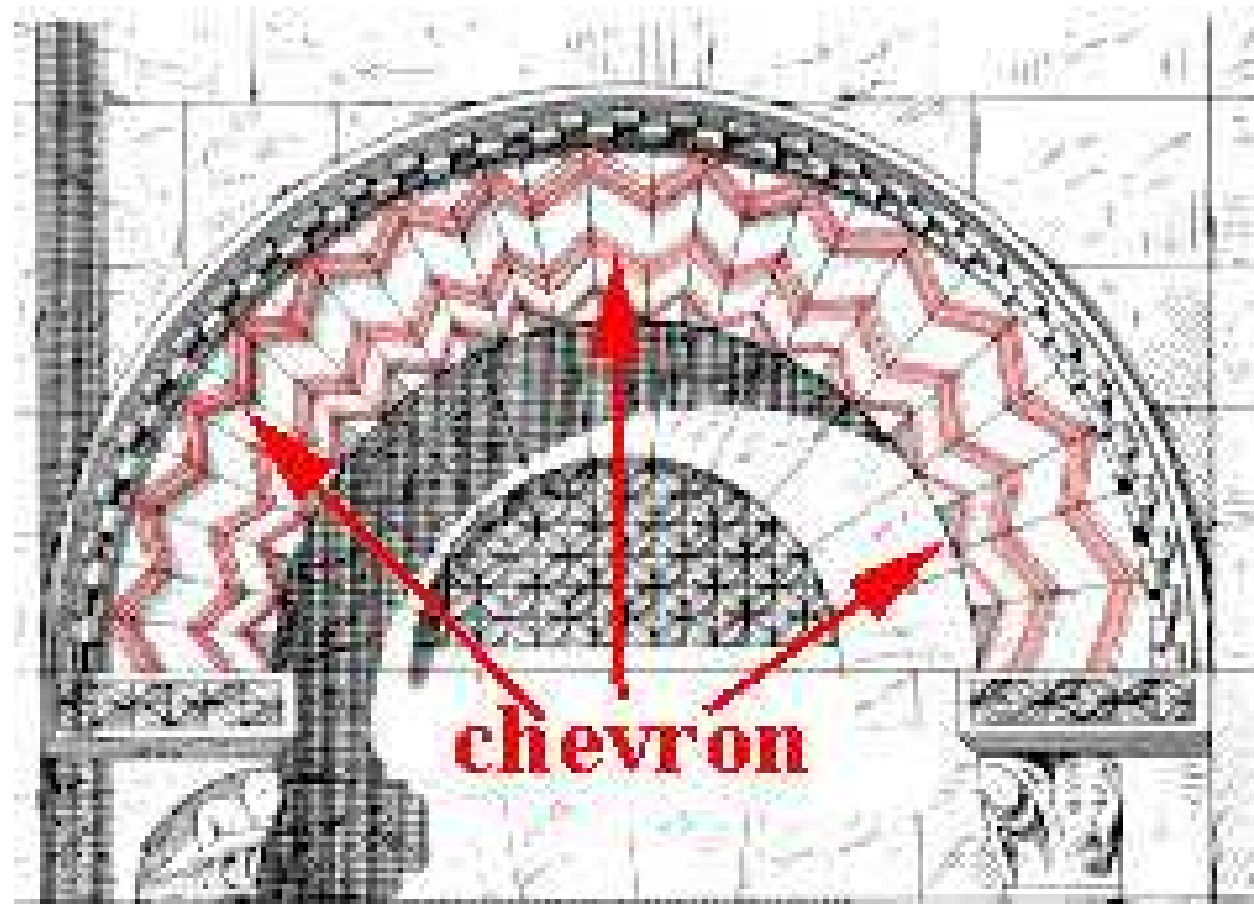


St. Ethelred's, Norwich.

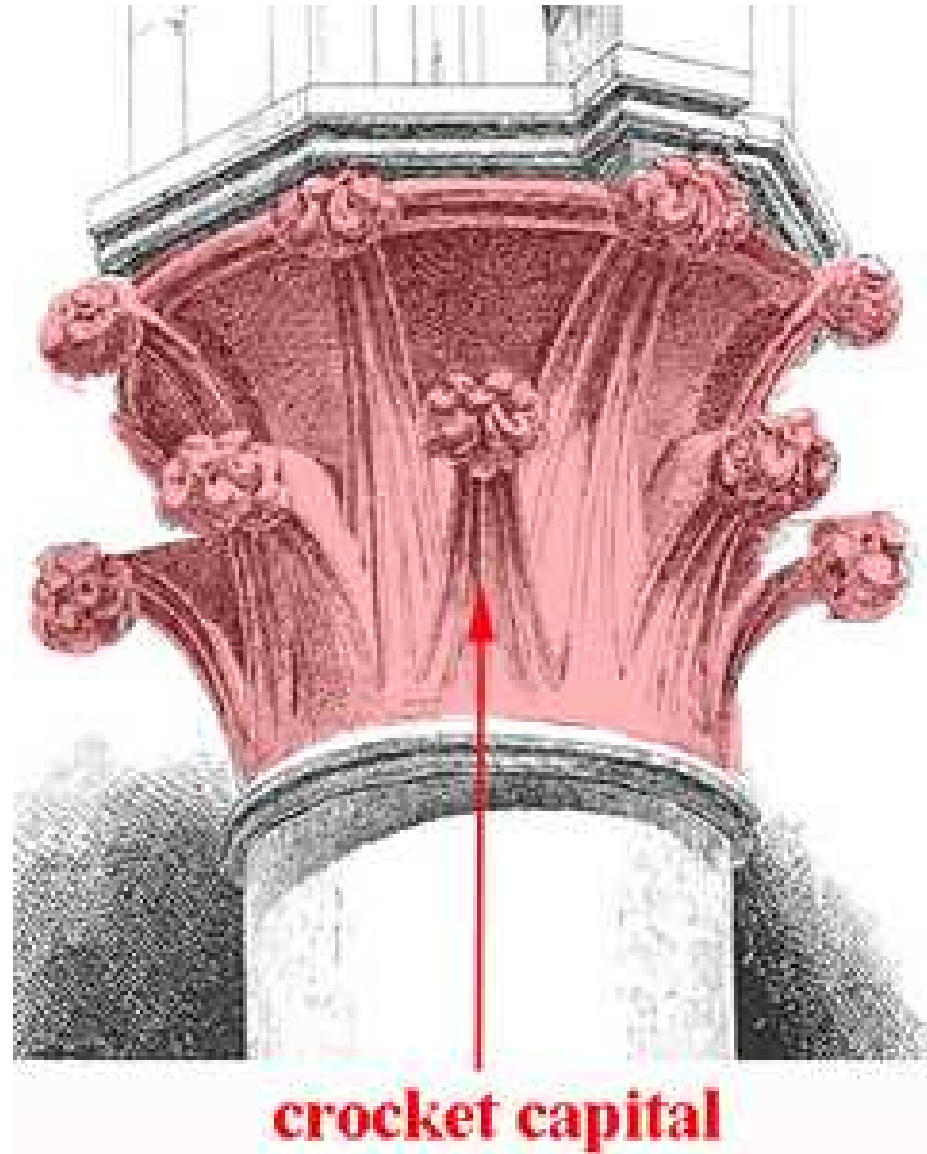
# CUADRIFOLIOS



## MOLDURA EN ZIG-ZAG

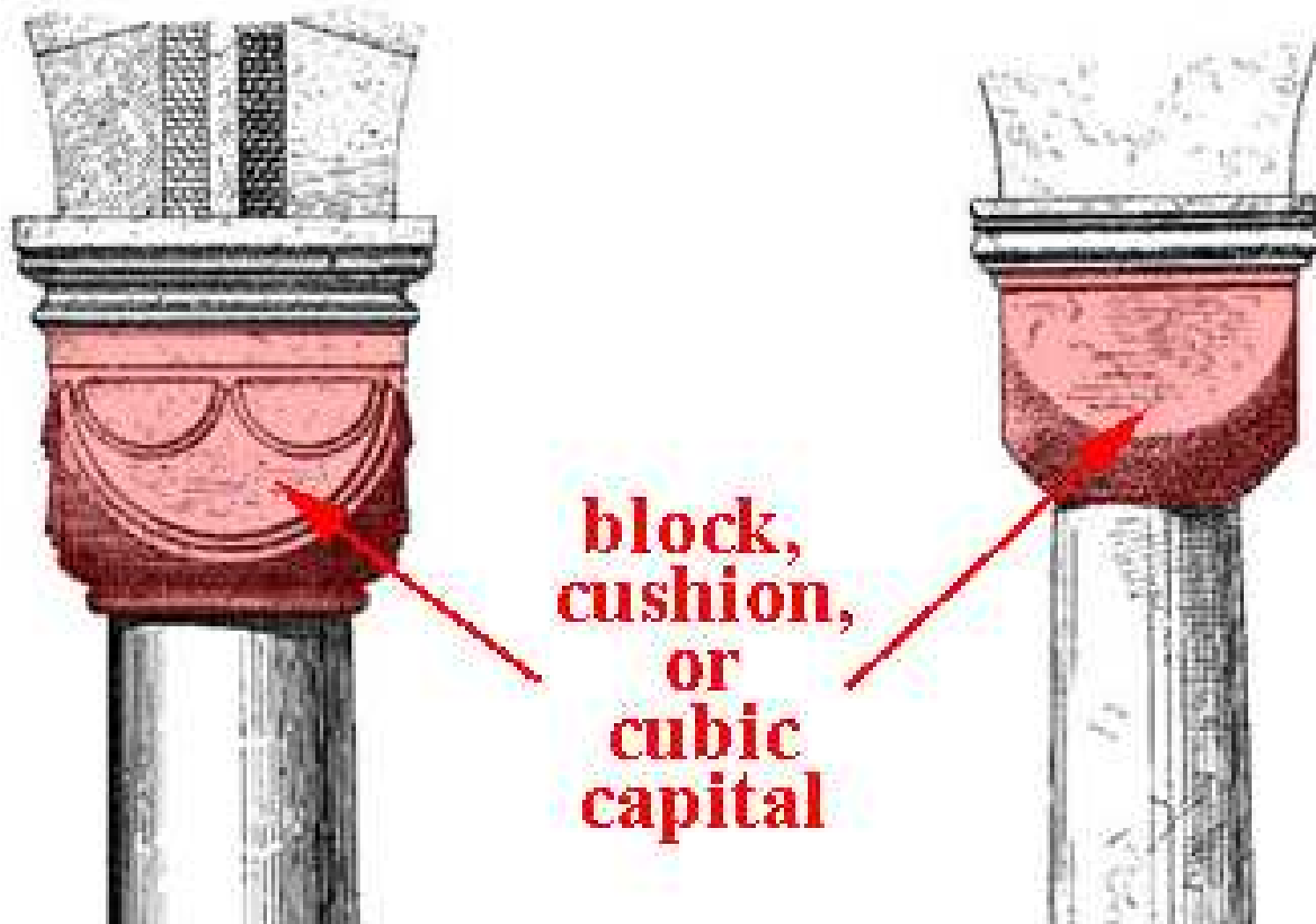


## CAPITEL DE GANCHOS





# CAPITEL CÚBICO



# CAPITEL VEGETAL DE CARDINA

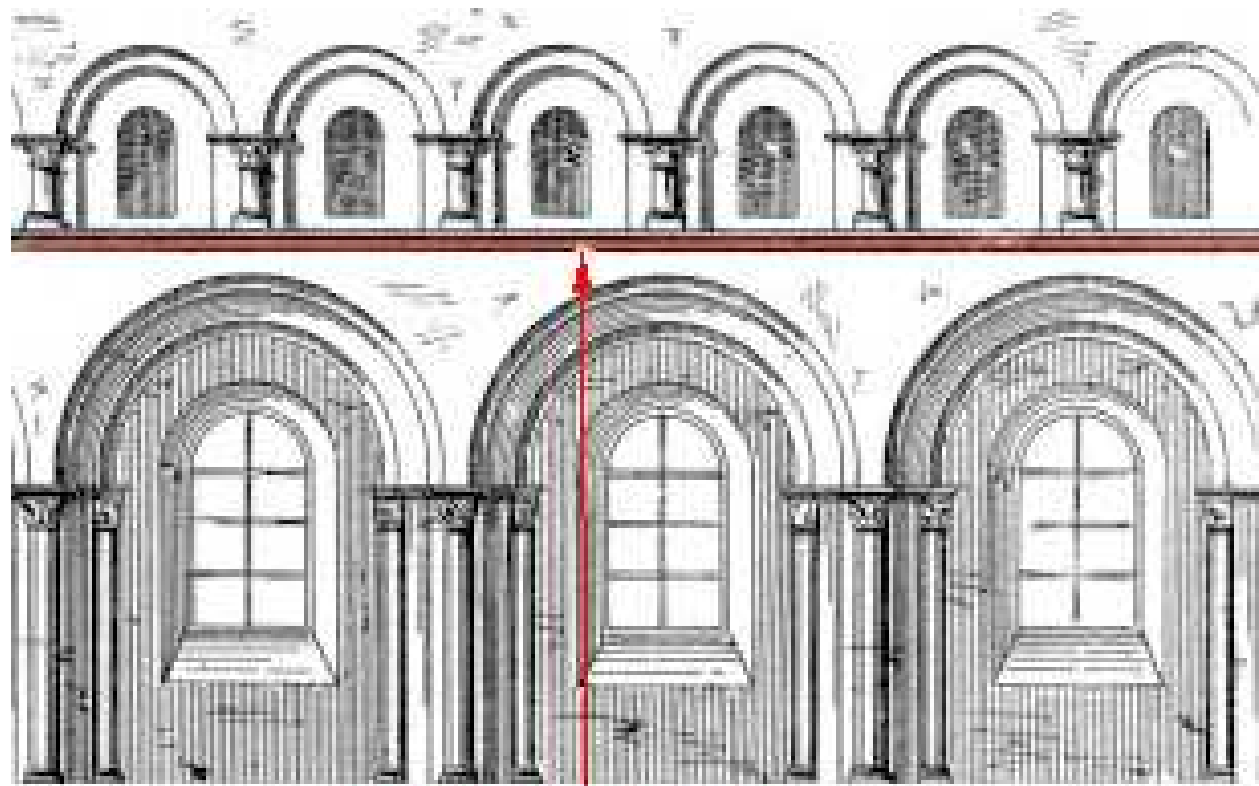


# CAPITEL HISTORIADO



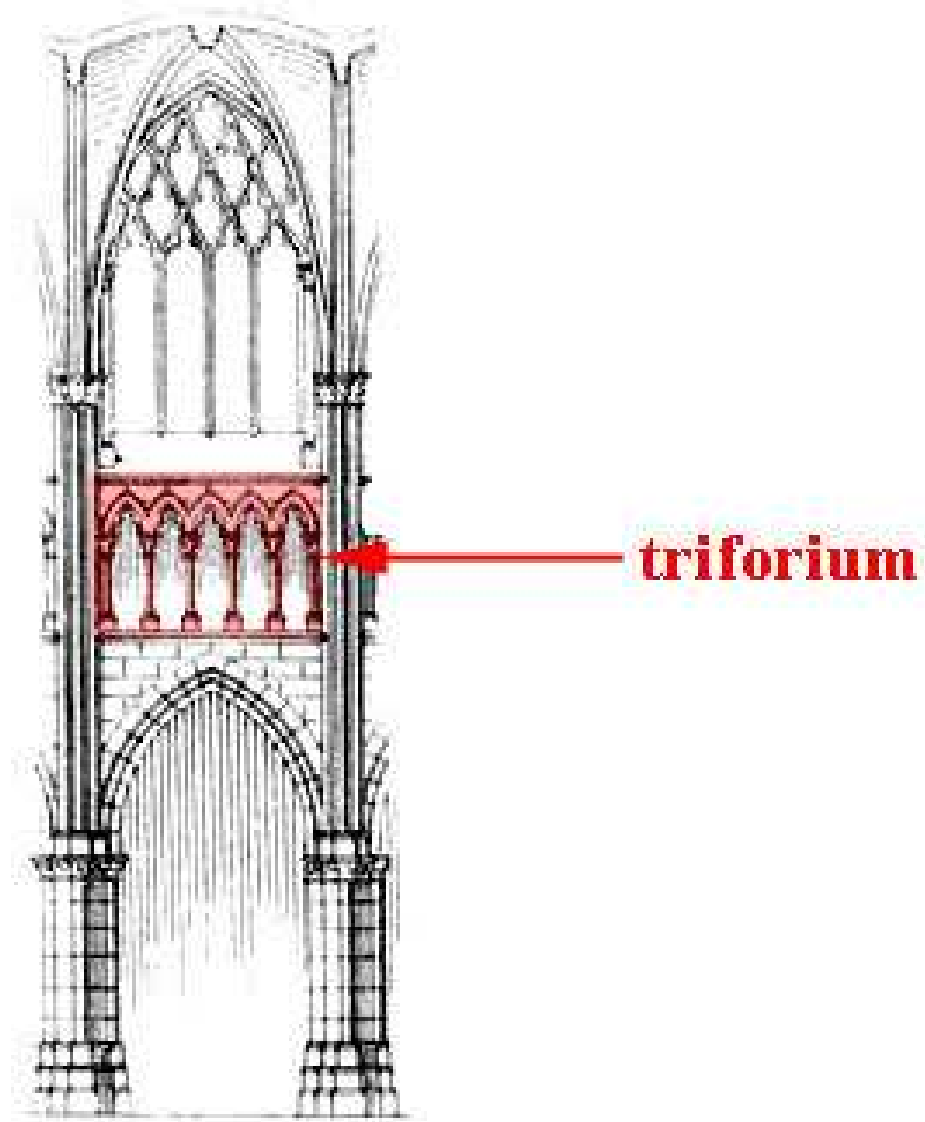


# VENTANAL CORRIDO



**stringcourse**

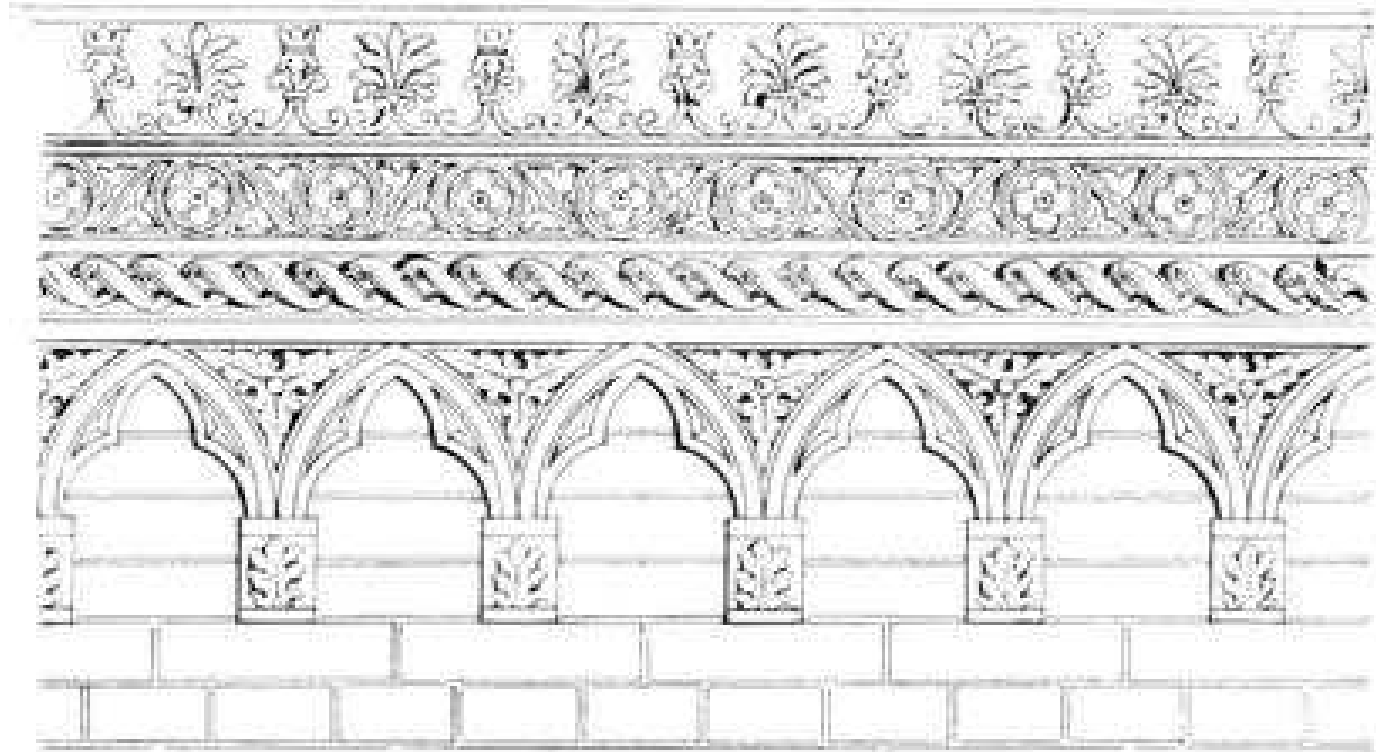
# TRIFORIO



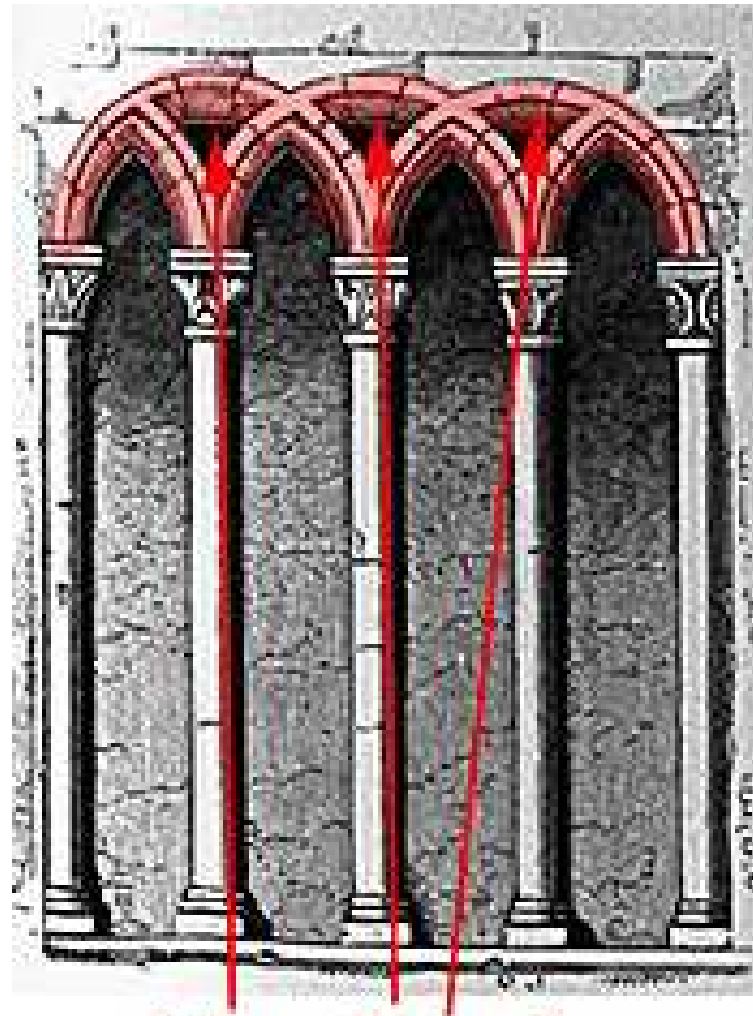
# NICHOS



# ARQUILLOS CIEGOS

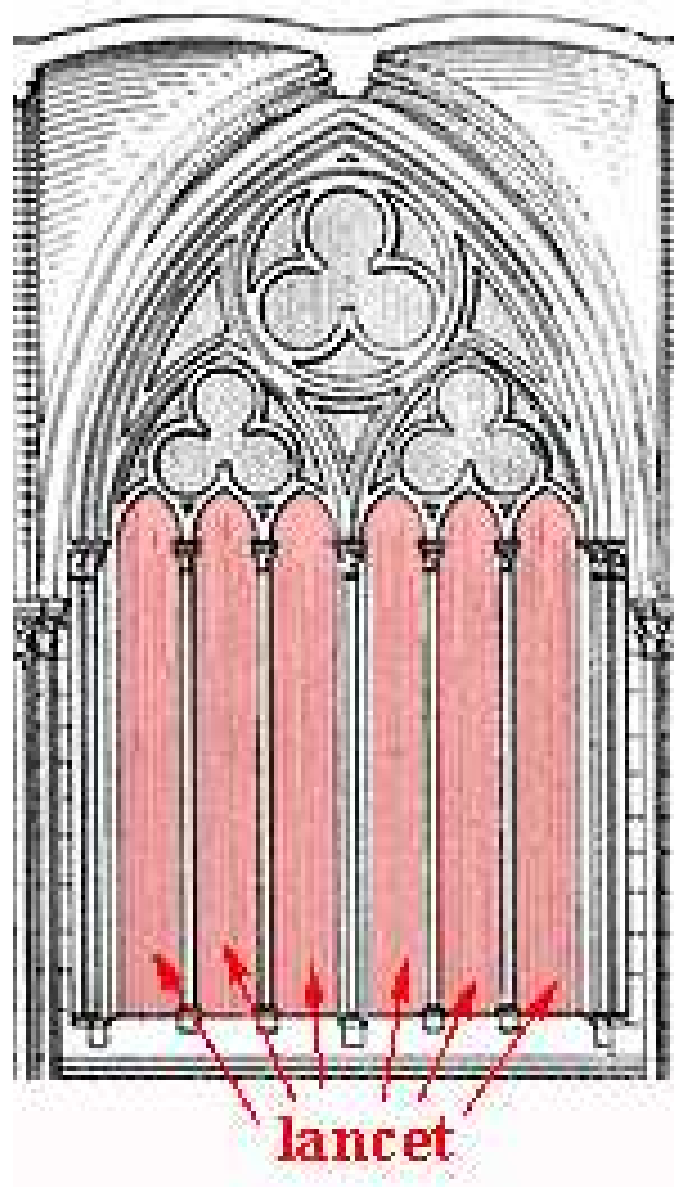


# ARCOS ENTRELAZADOS

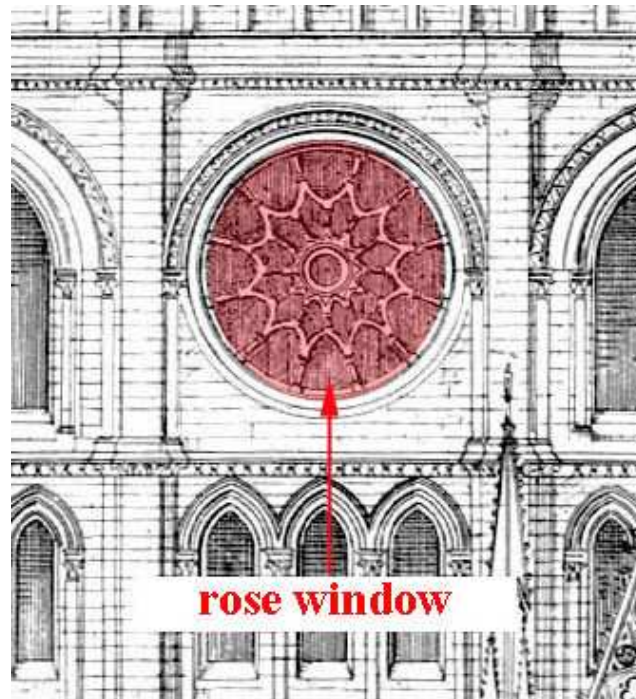


**interlocking arches**

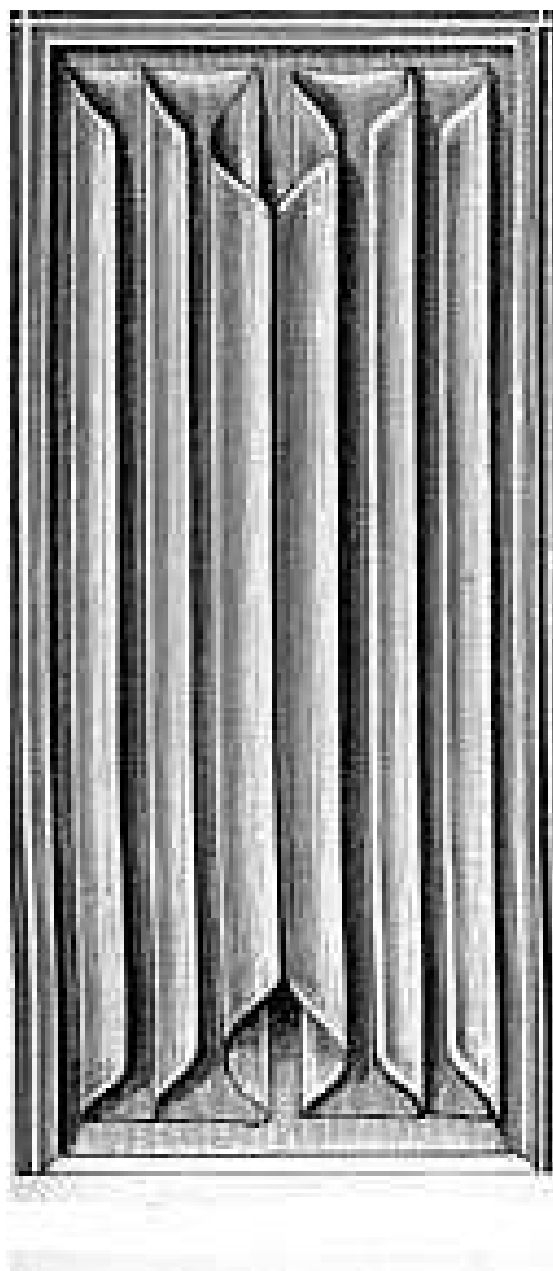
# LANCETAS



# ROSETÓN

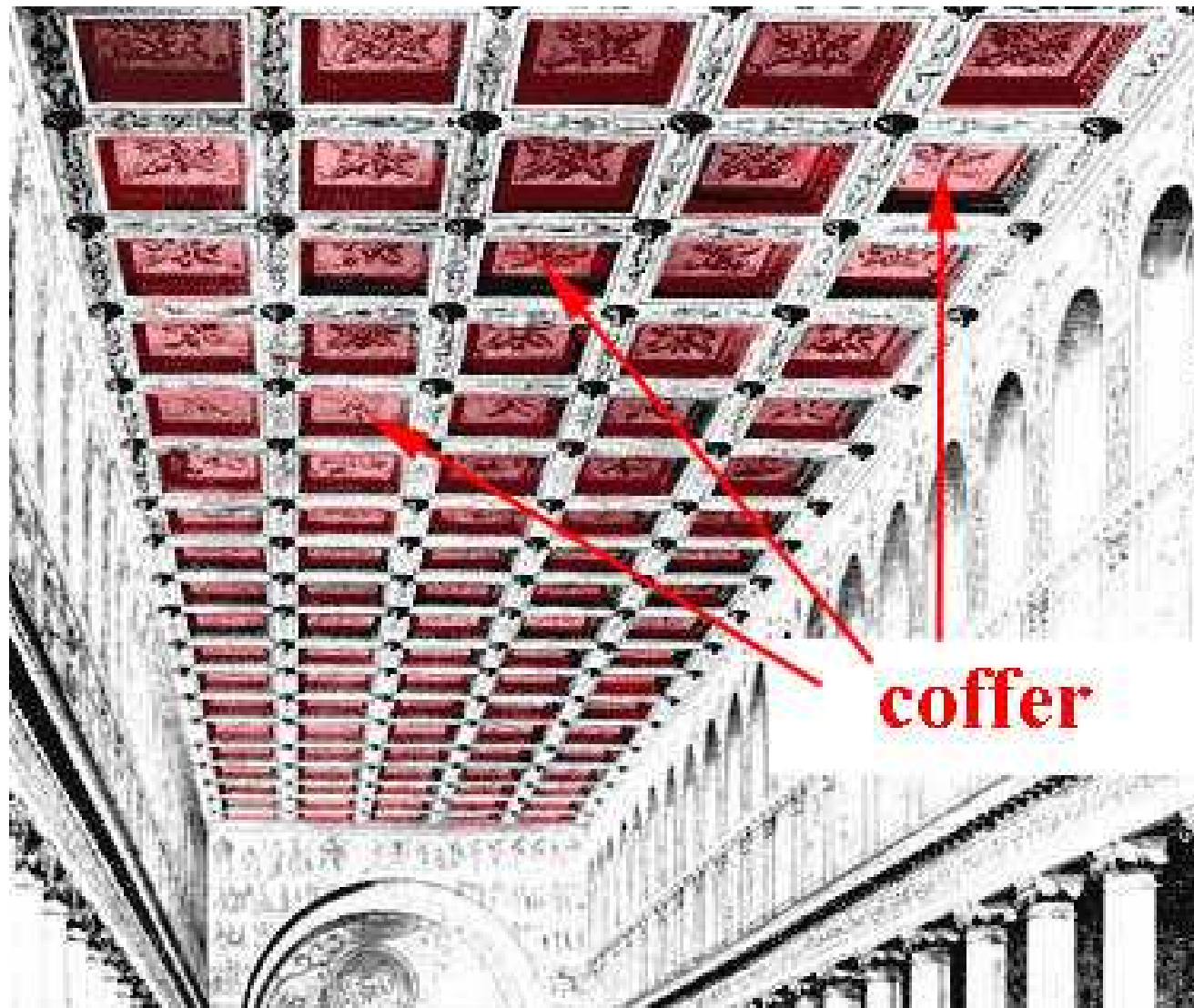


# DECORACIÓN DE PAÑOS





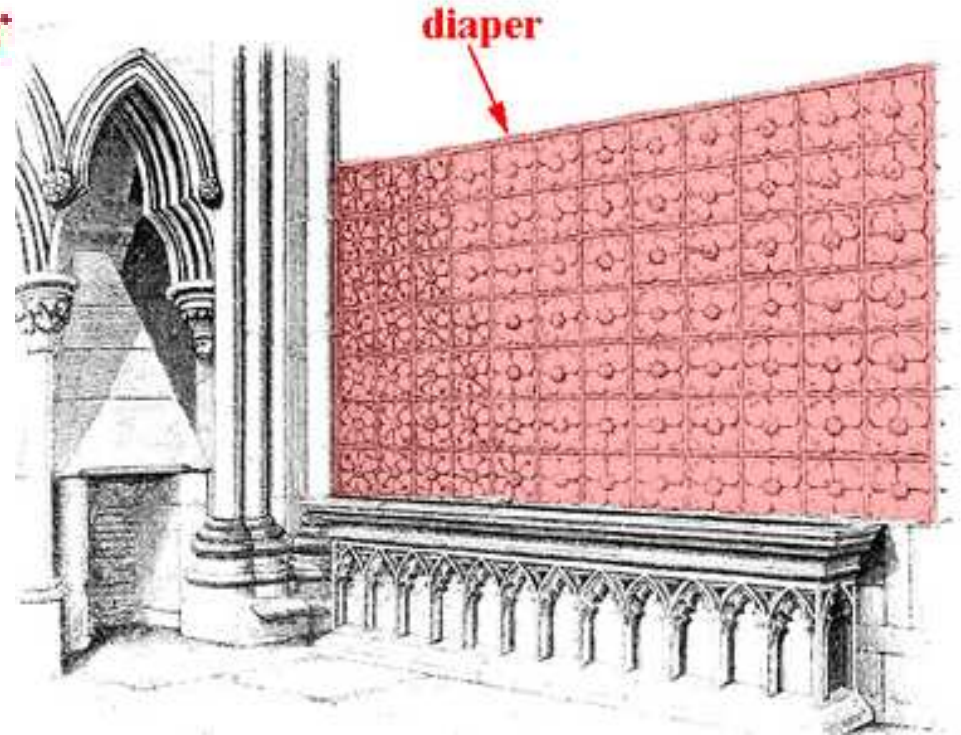
# CASETONES



# PAÑO Y PAÑERÍA

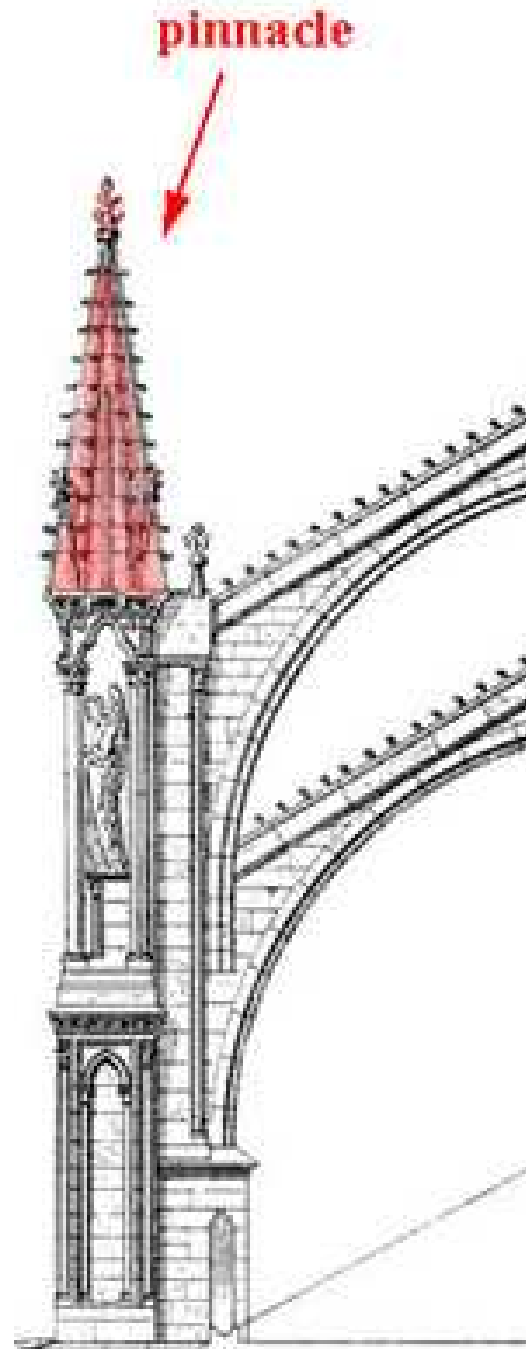


diaper

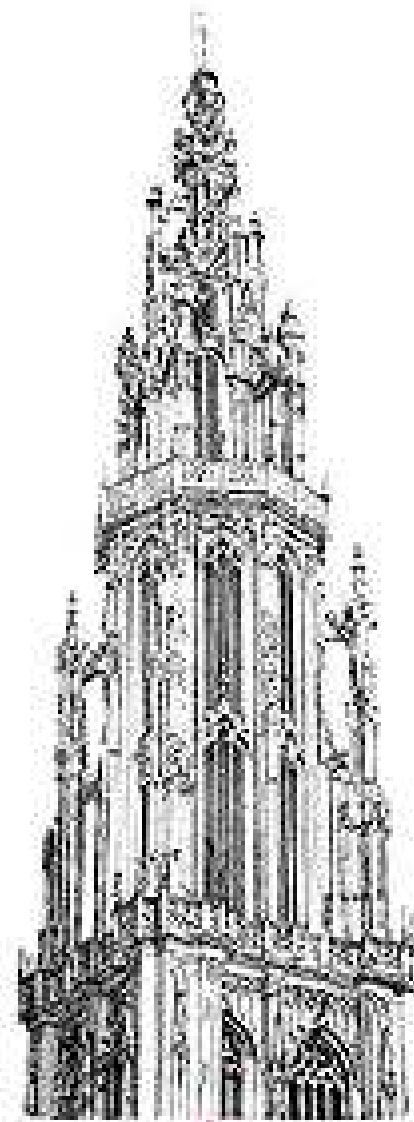


diaper

# PINÁCULO



# AGUJA O CHAPITEL



spire

# FIGURAS GROTESCAS



Aluum me fac dē:  
qm̄ in trauert aq̄  
usq; ad atām meā.  
In fixus sum ī li

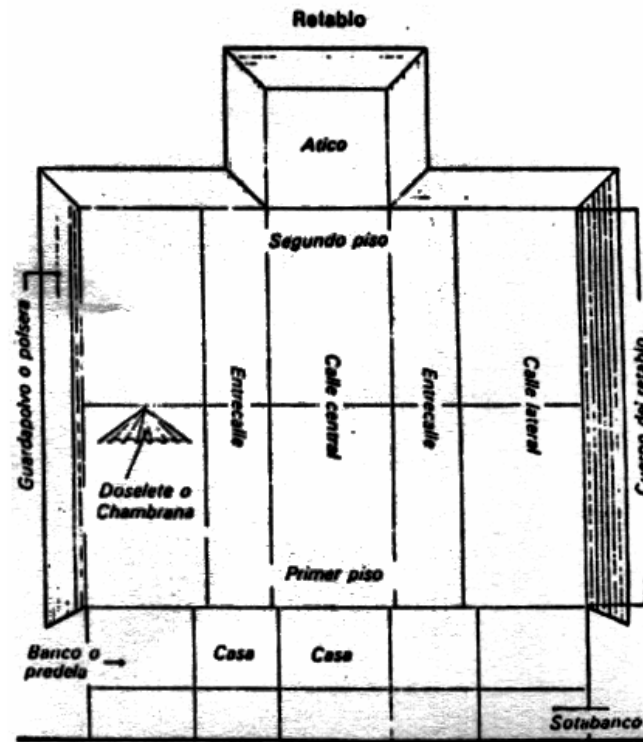
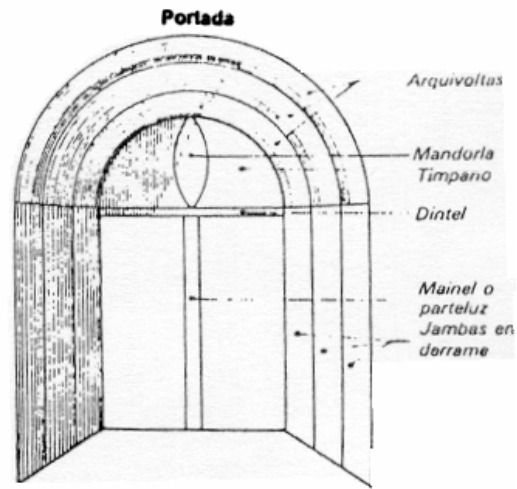
**grotesque**

# SILLERÍA

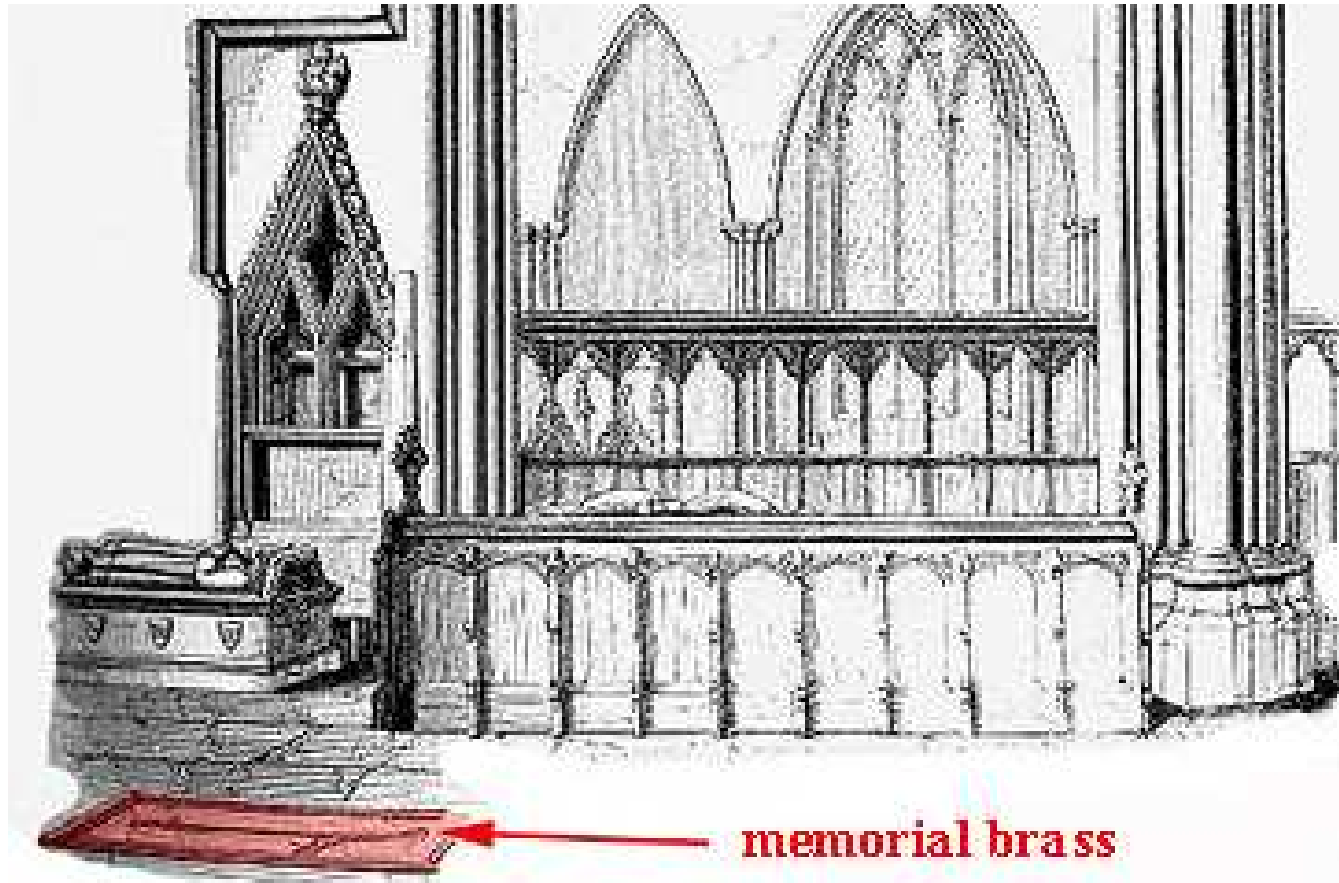




# PORTADA Y RETABLO



# LÁPIDA

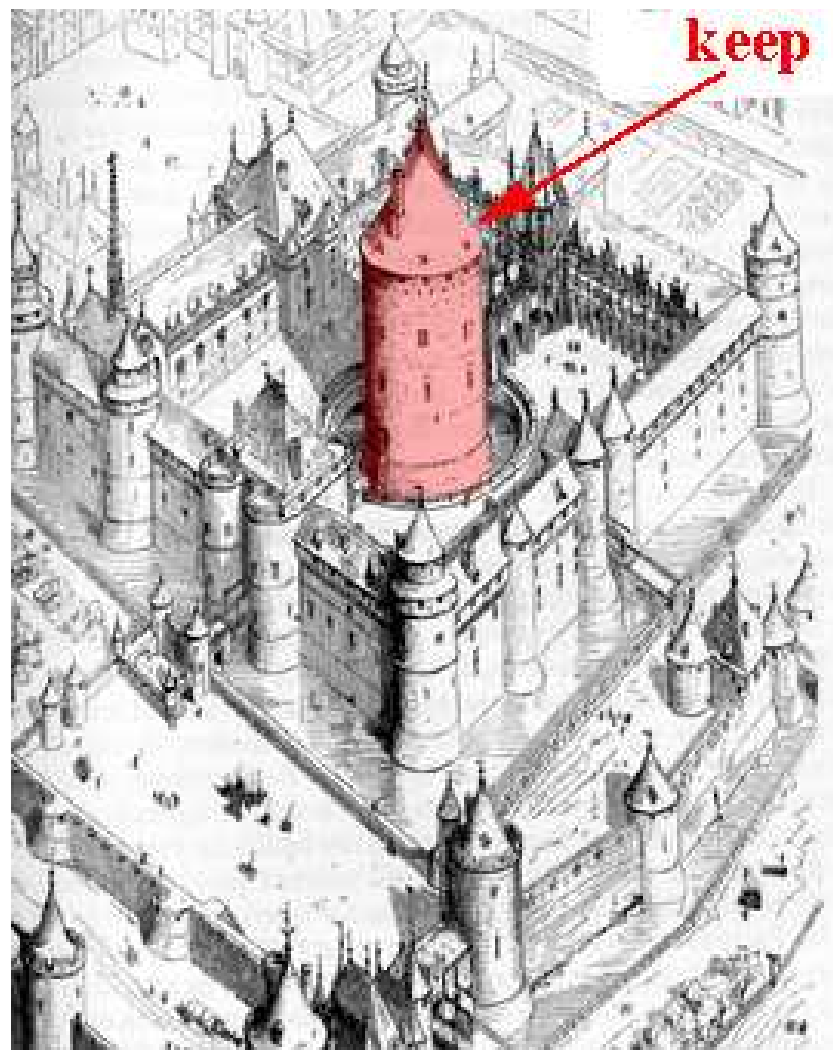


**memorial brass**

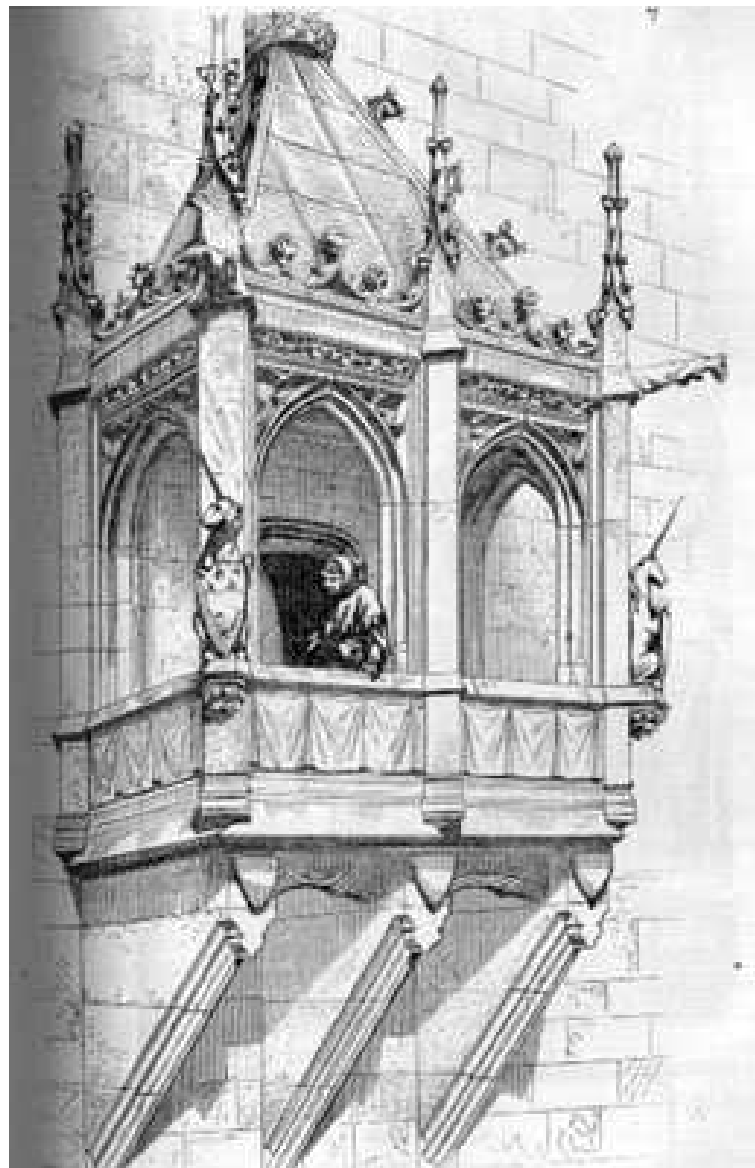


# **OTROS ELEMENTOS**

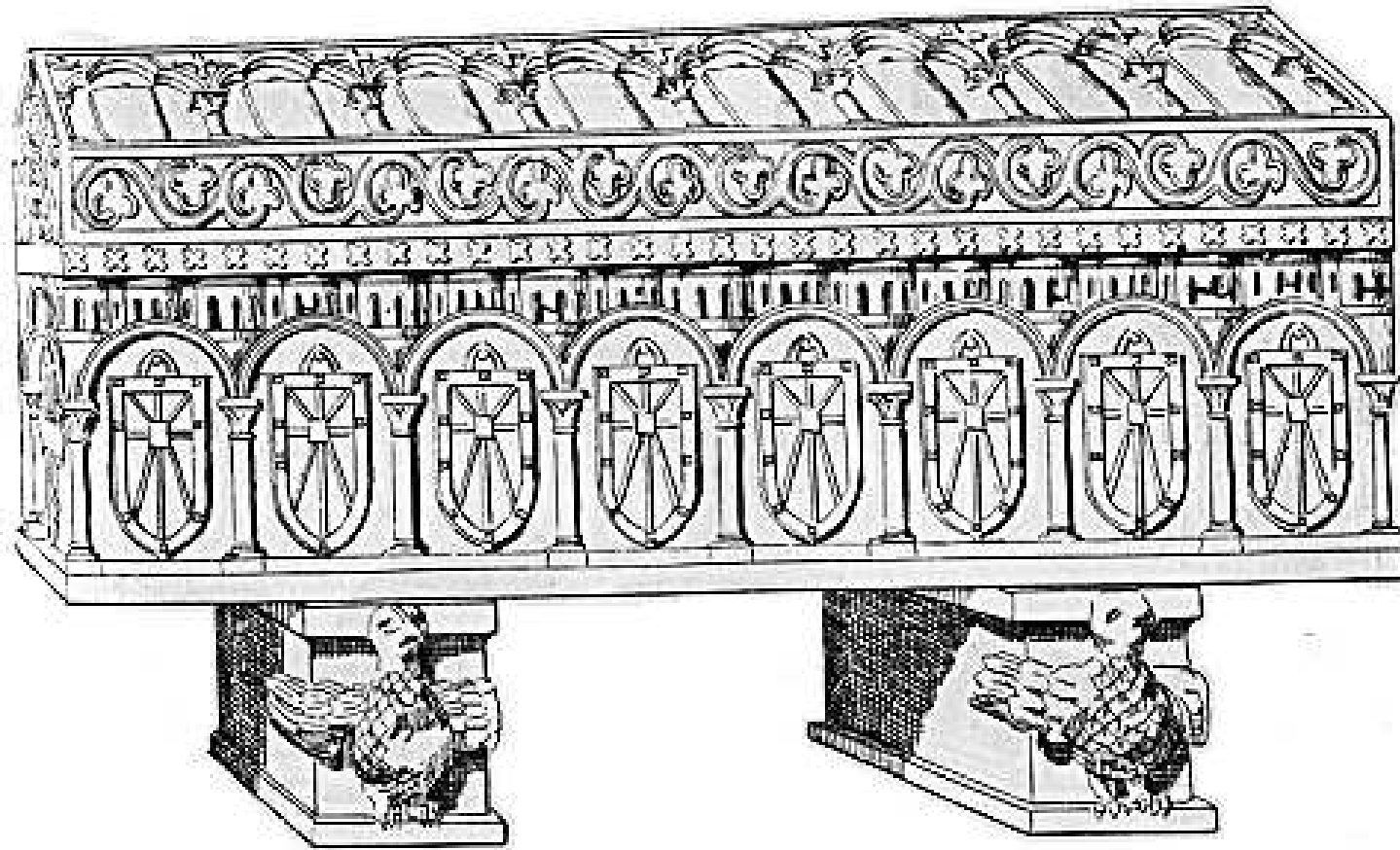
# TORRE DEL HOMENAJE



# GALERÍA



# SEPULCRO



# ESCALERA DE CARACOL

