

HISTORY OF ARCHITECTURE

KAMAL_ELGABALAWY@YAHOO.COM

HISTORY OF ISLAMIC ARCHITECTURE

DR/ KAMAL MAHMOUD
ELGABALAWY

THE REFERENCES TO MULTIPLE SOURCES ARE TEXT & FIGURES
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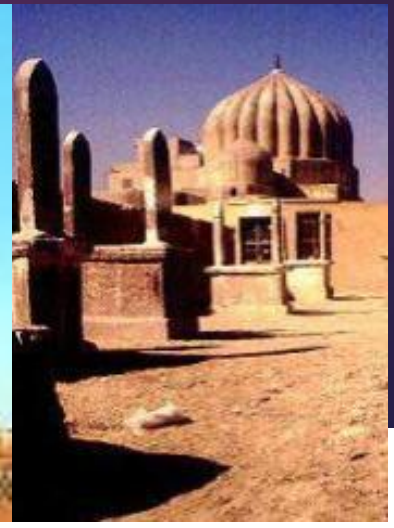
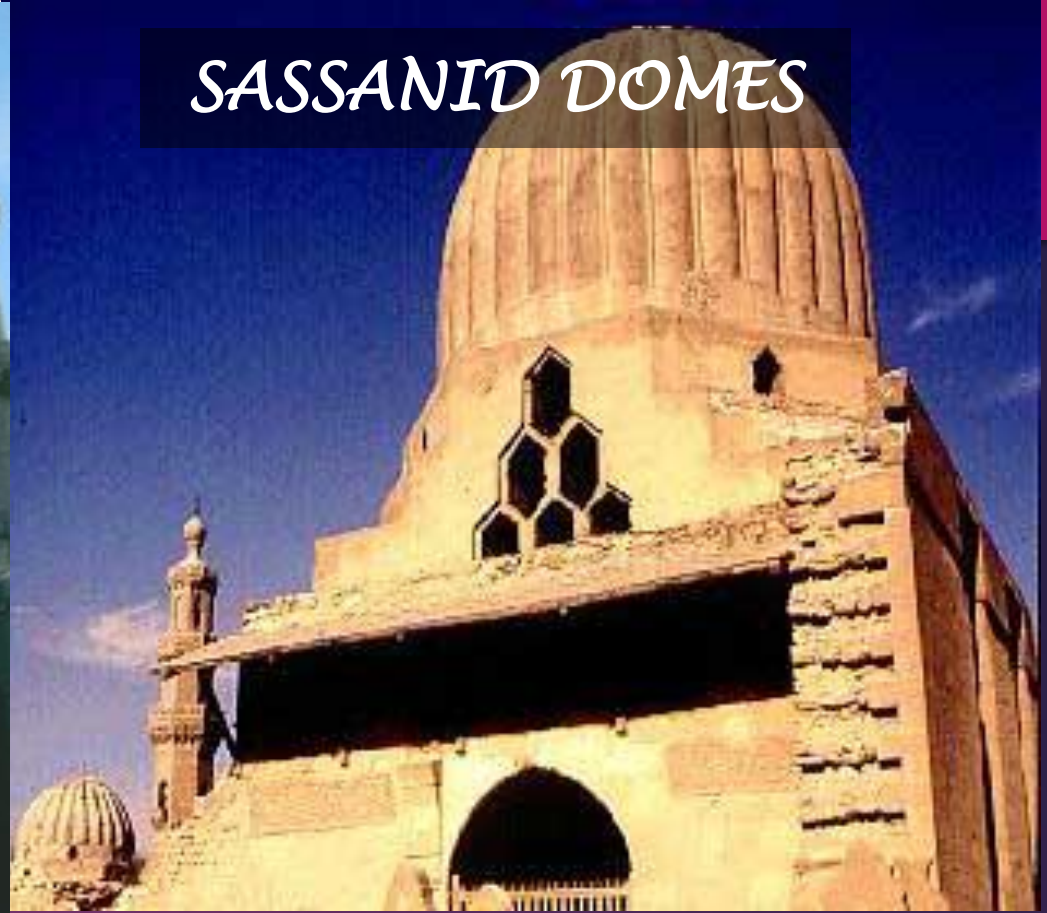
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DOMES

BYZANTINE DOMES



SASSANID DOMES



Pendentive

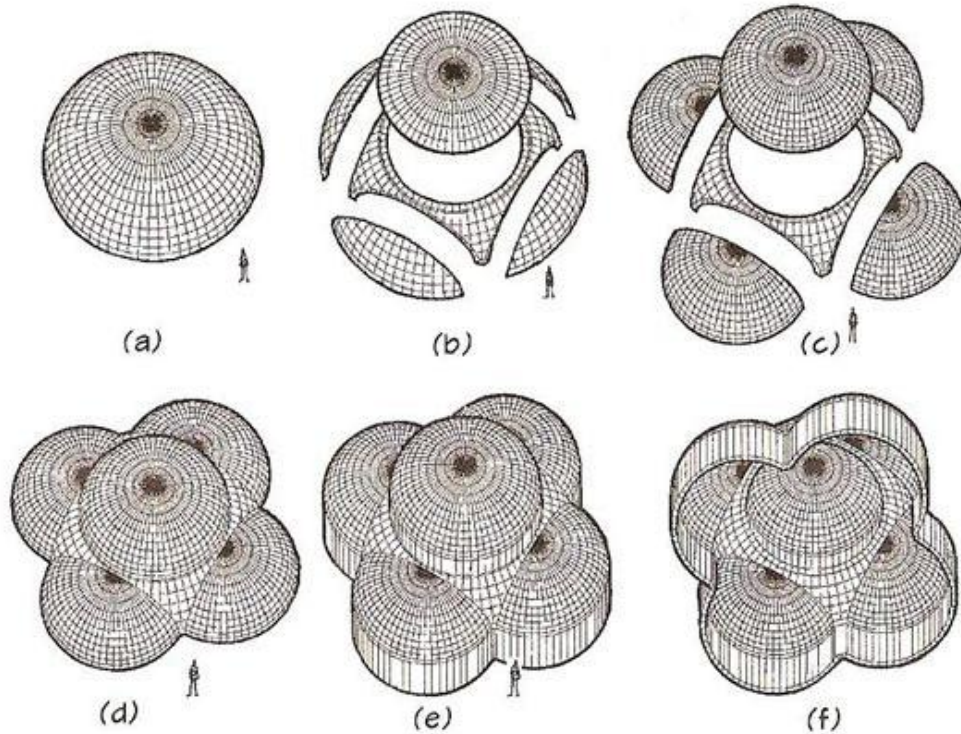
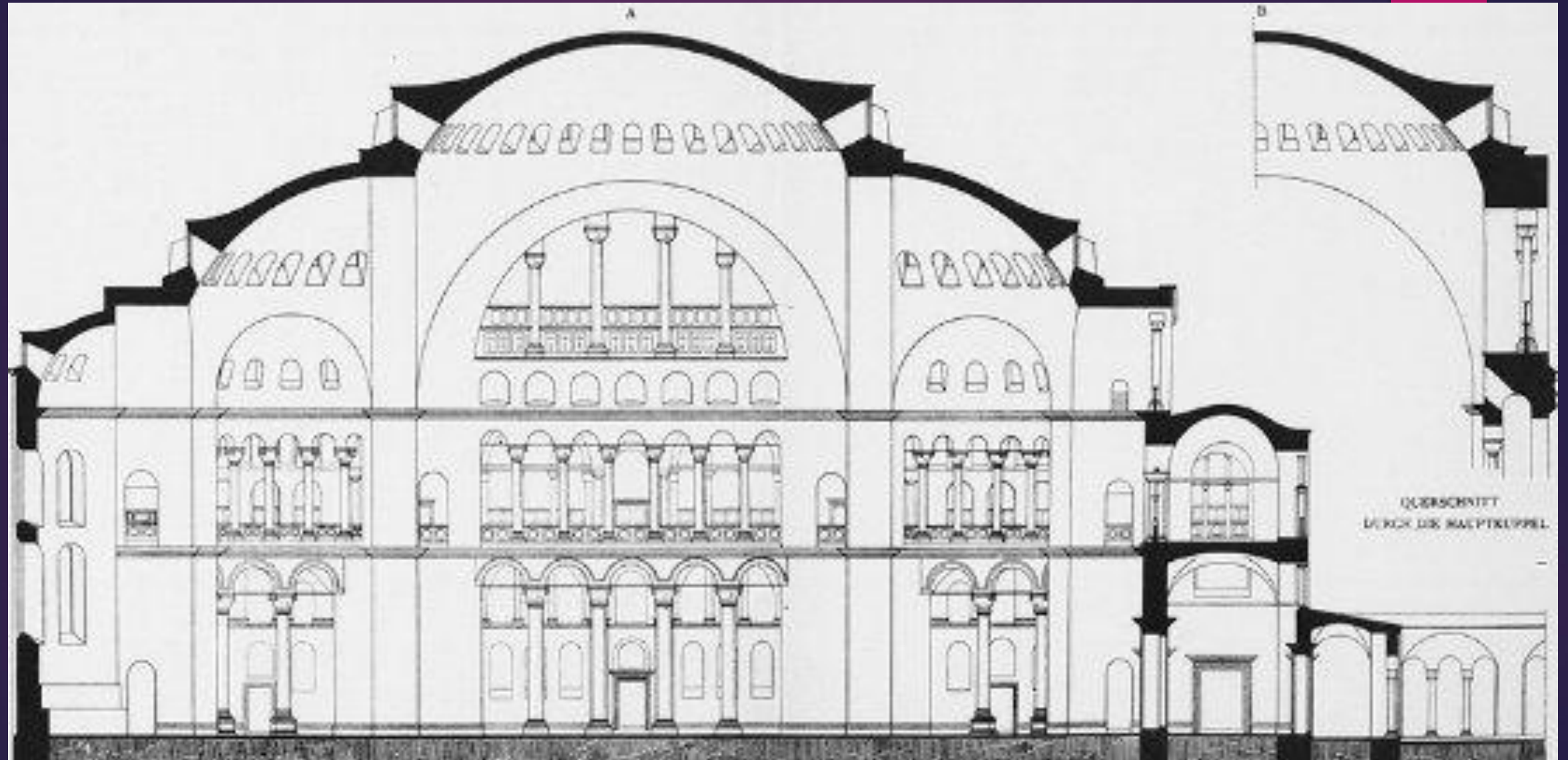


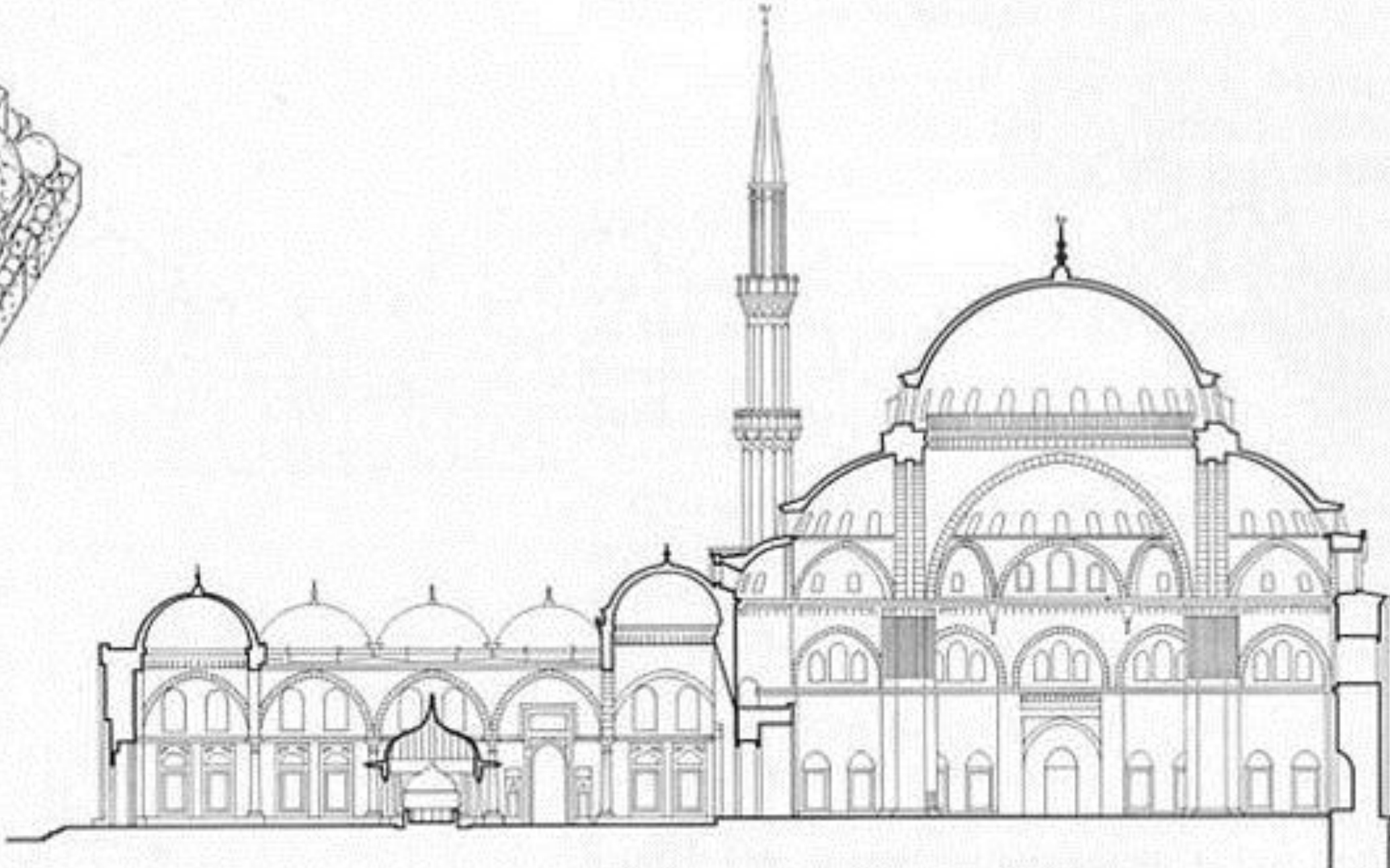
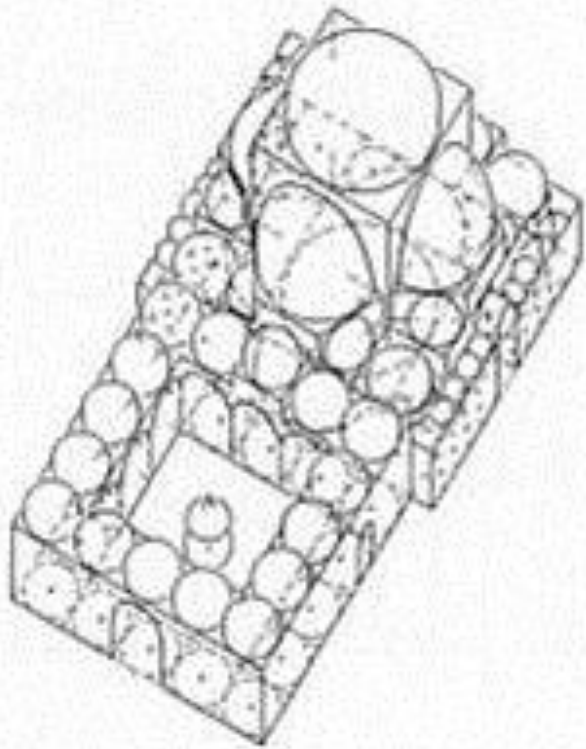
Figure 14.18: Pendentive geometry: (a) large hemispherical dome, (b) with sides and top sliced off, and (c) replaced with smaller-radius hemispherical top dome, and side half domes, which (d) help resist lateral thrust from the top dome and pendentive; with (e) walls and drum under upper dome, from above, and (f) from below.



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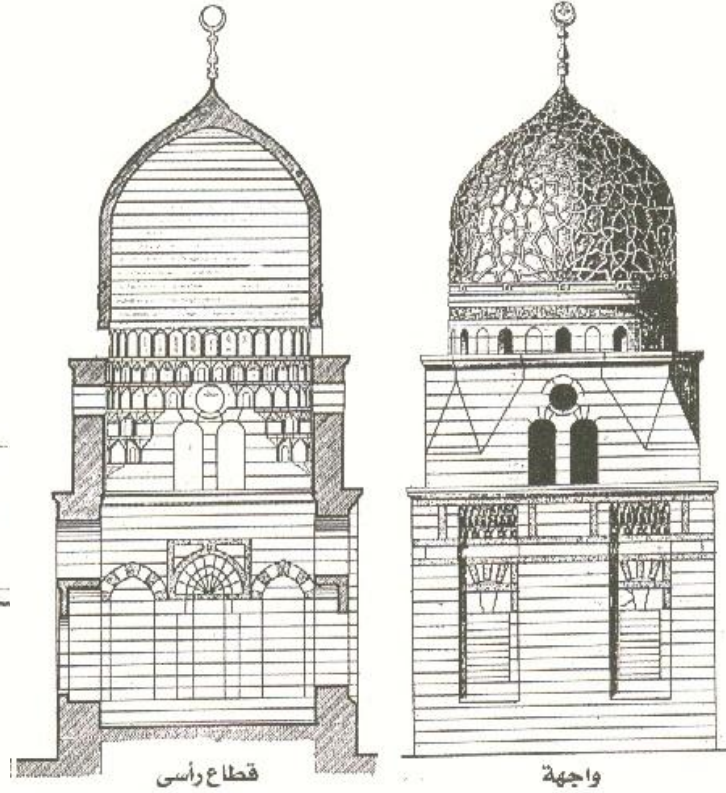
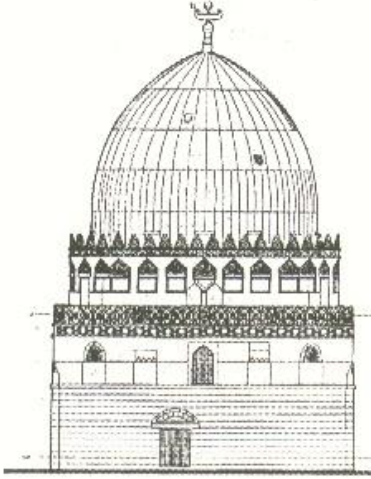
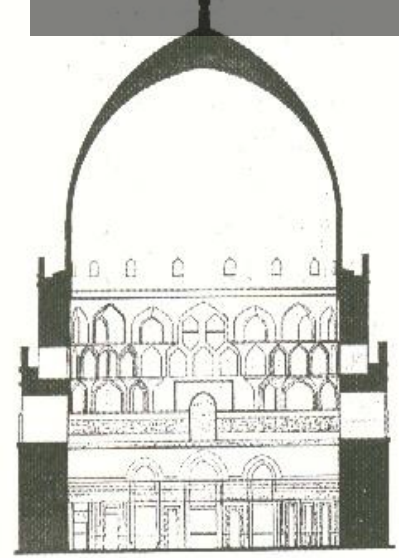


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قطاع
DOMES

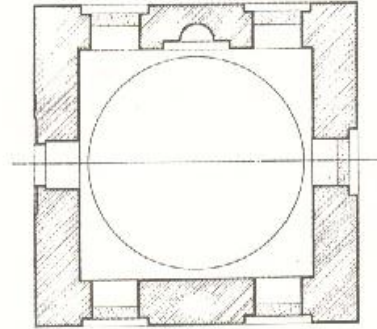
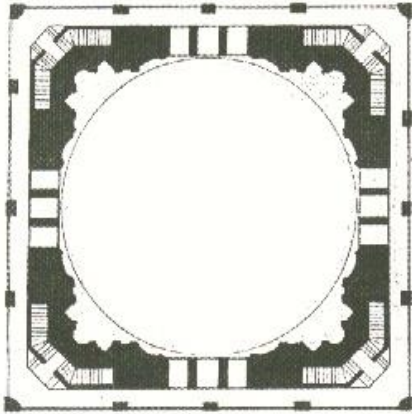
الواجهة الغربية



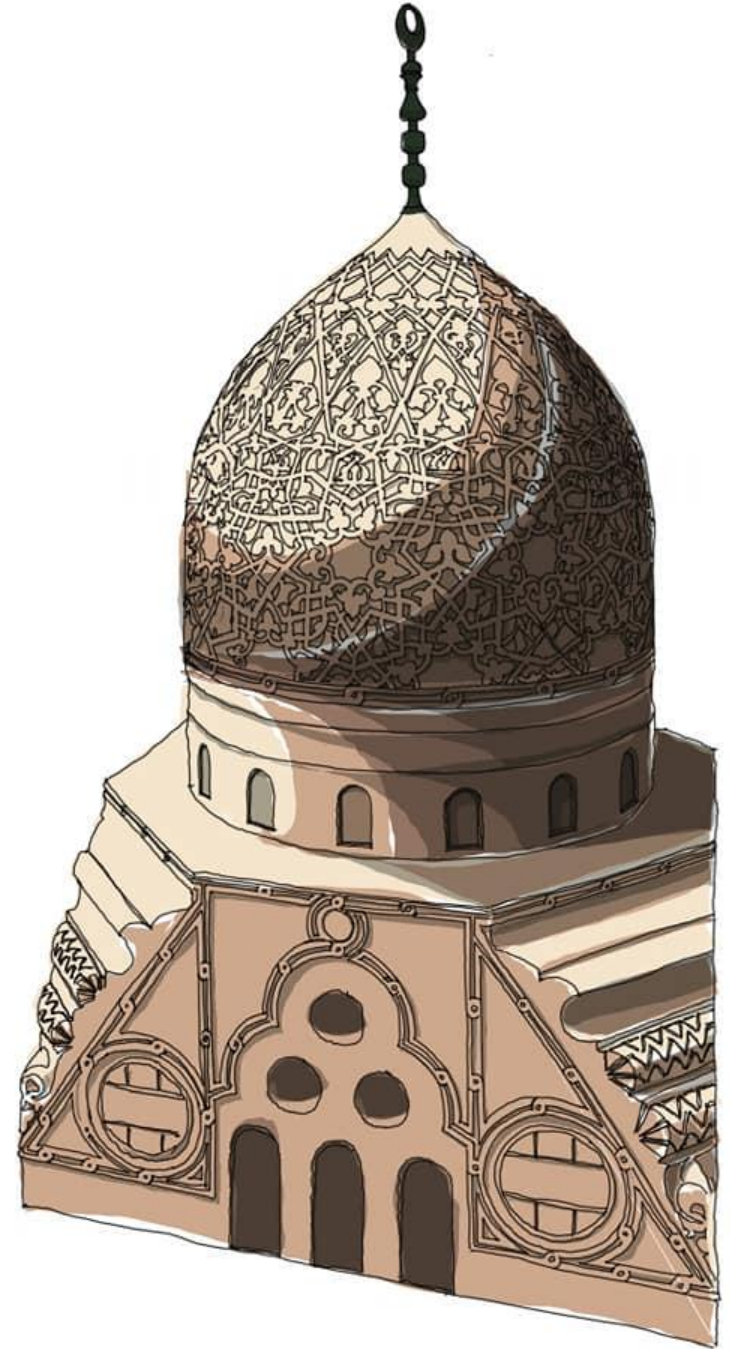
قطاع رأسي

واجهة

مسقط أفقي (إلى أعلى)



مسقط أفقي



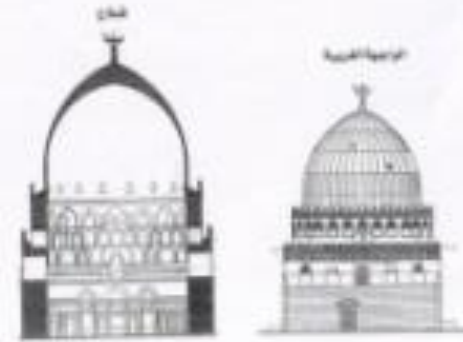
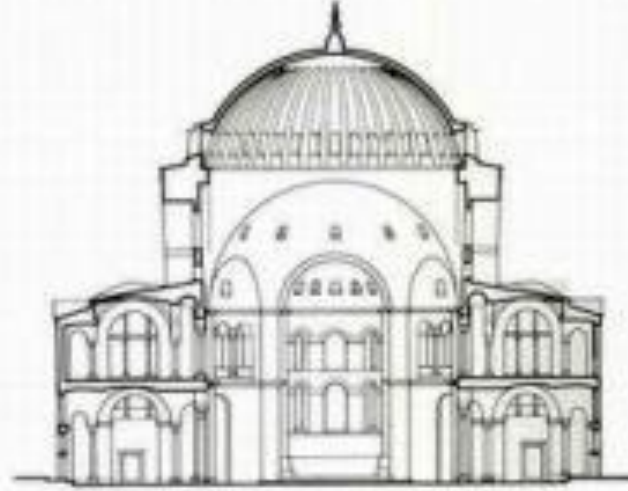
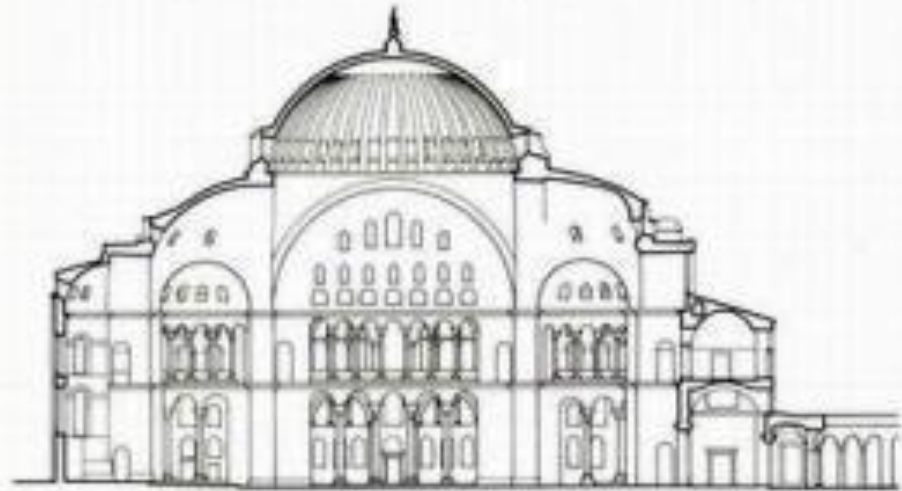
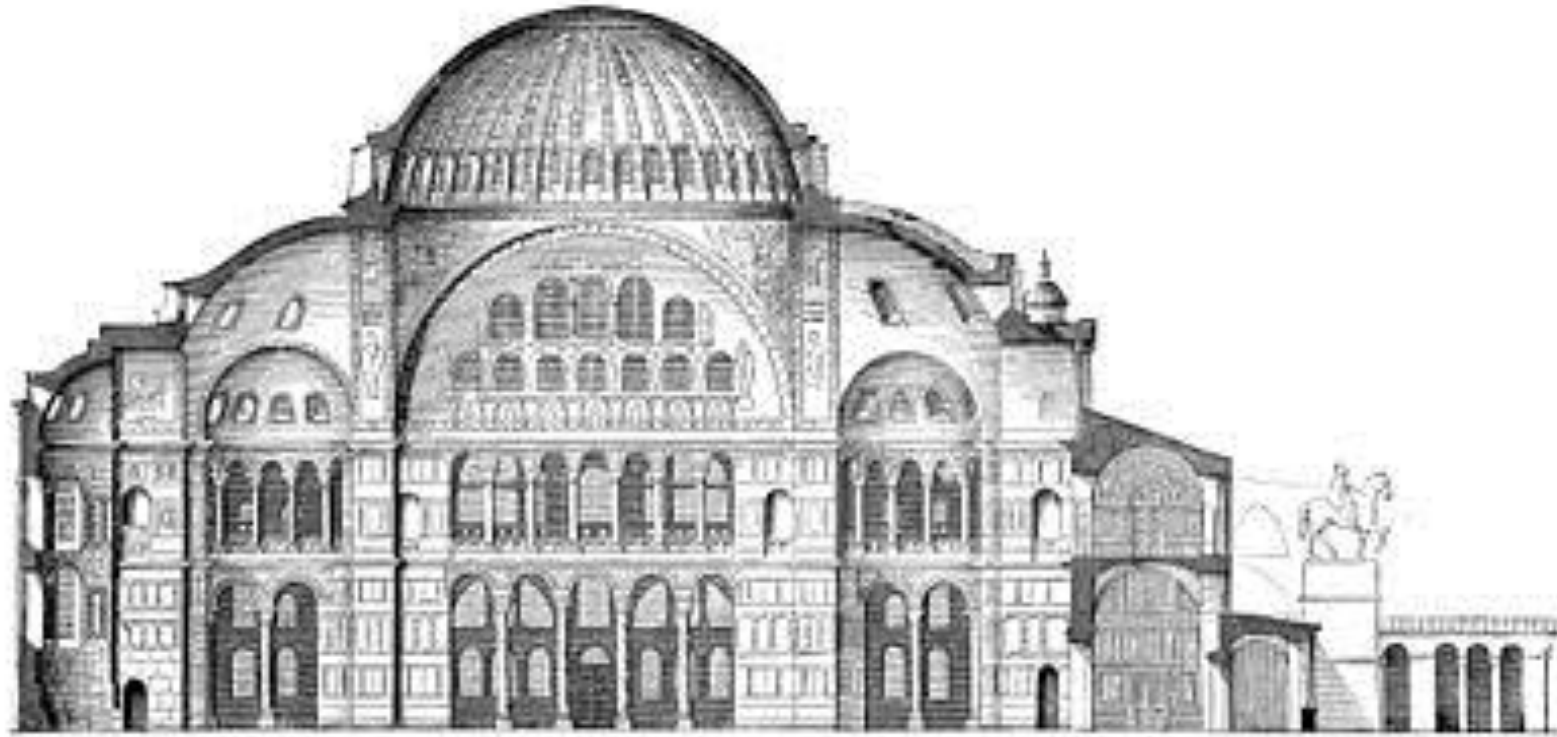
شكل (٤٨) قبة الإمام الشافعي (٦٠٨ هـ - ١٢١١ م)

شكل (٤٦) قبة جاني بك الأشرفي (٨٣١ هـ - ١٤٣٧ م)

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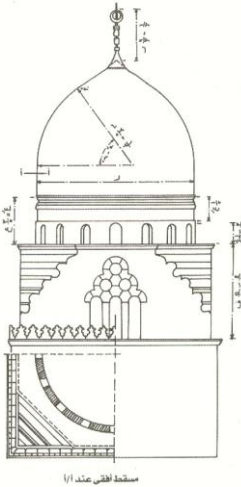
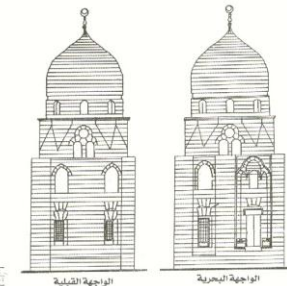
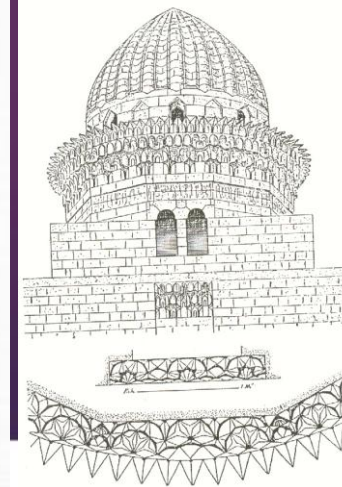
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شکل (۵۰) قبة اوسبرناتسکی (۱۰-۱۱ هـ - ۱۲۶۶ م)

شکل (۵۱) قبة سلطان محمود (۱۱-۱۲ هـ - ۱۲۶۶ م)



شکل (۵۱) قبة الأمير تنکریغا (۲۱-۲۲ هـ - ۱۲۵۹ م)

شکل (۵۲) قبة قرقاس (۱۱۷-۱۱۸ هـ - ۱۵۱۱ م)

شکل (۵۳) أسلوب رسم إحدى القباب الإسلامية

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THANK YOU

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