

العمارة البيزنطية

Byzantine Architecture

Dr. Kamal Elgabalawy

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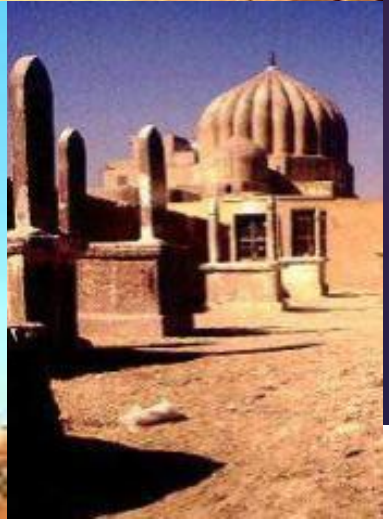
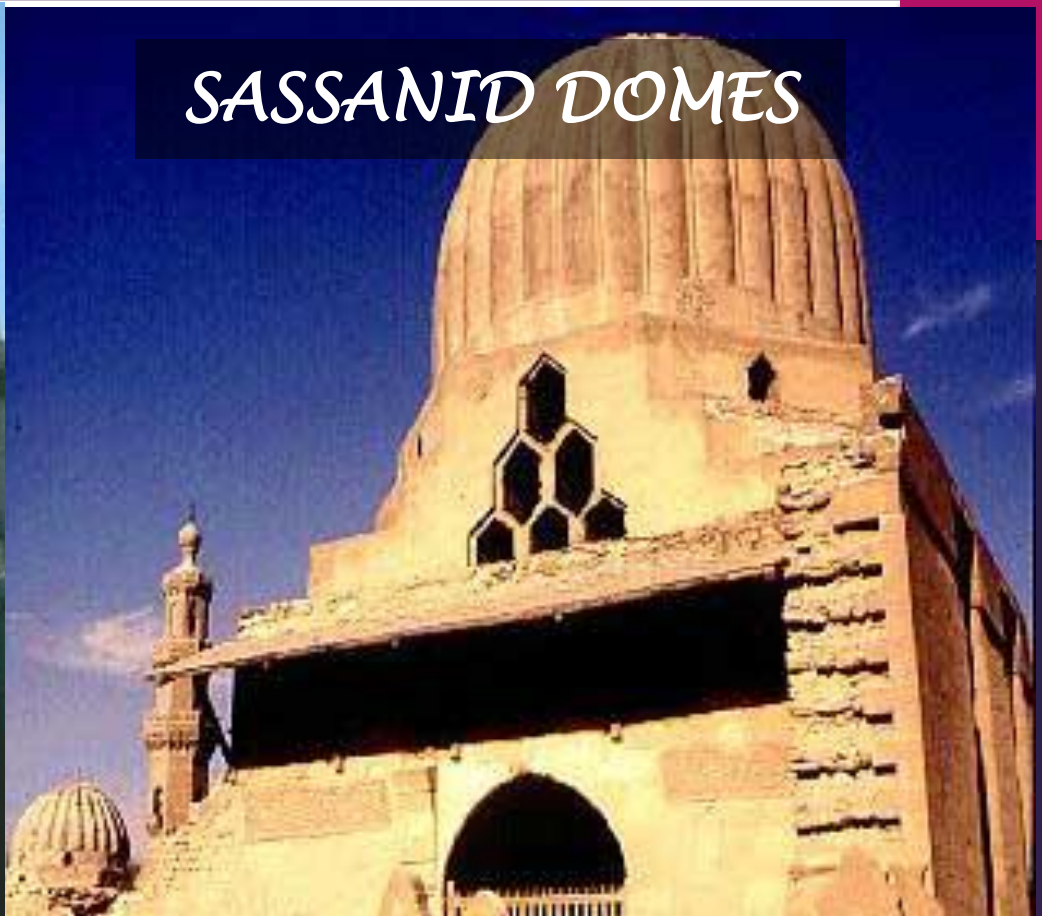
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BYZANTINE DOMES



SASSANID DOMES



Pendentive

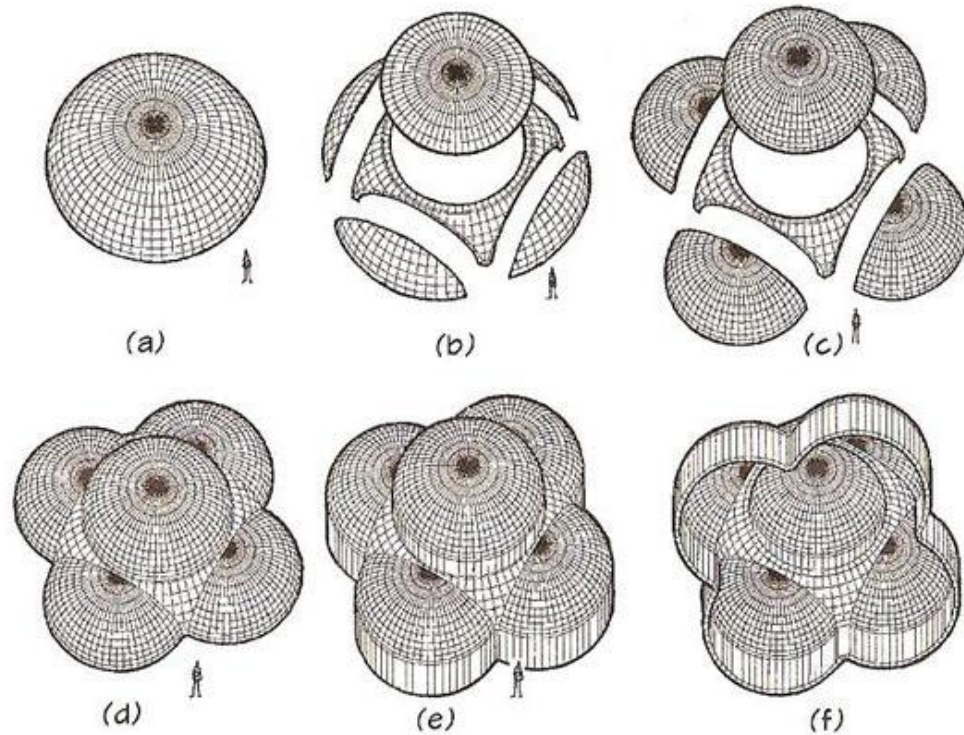
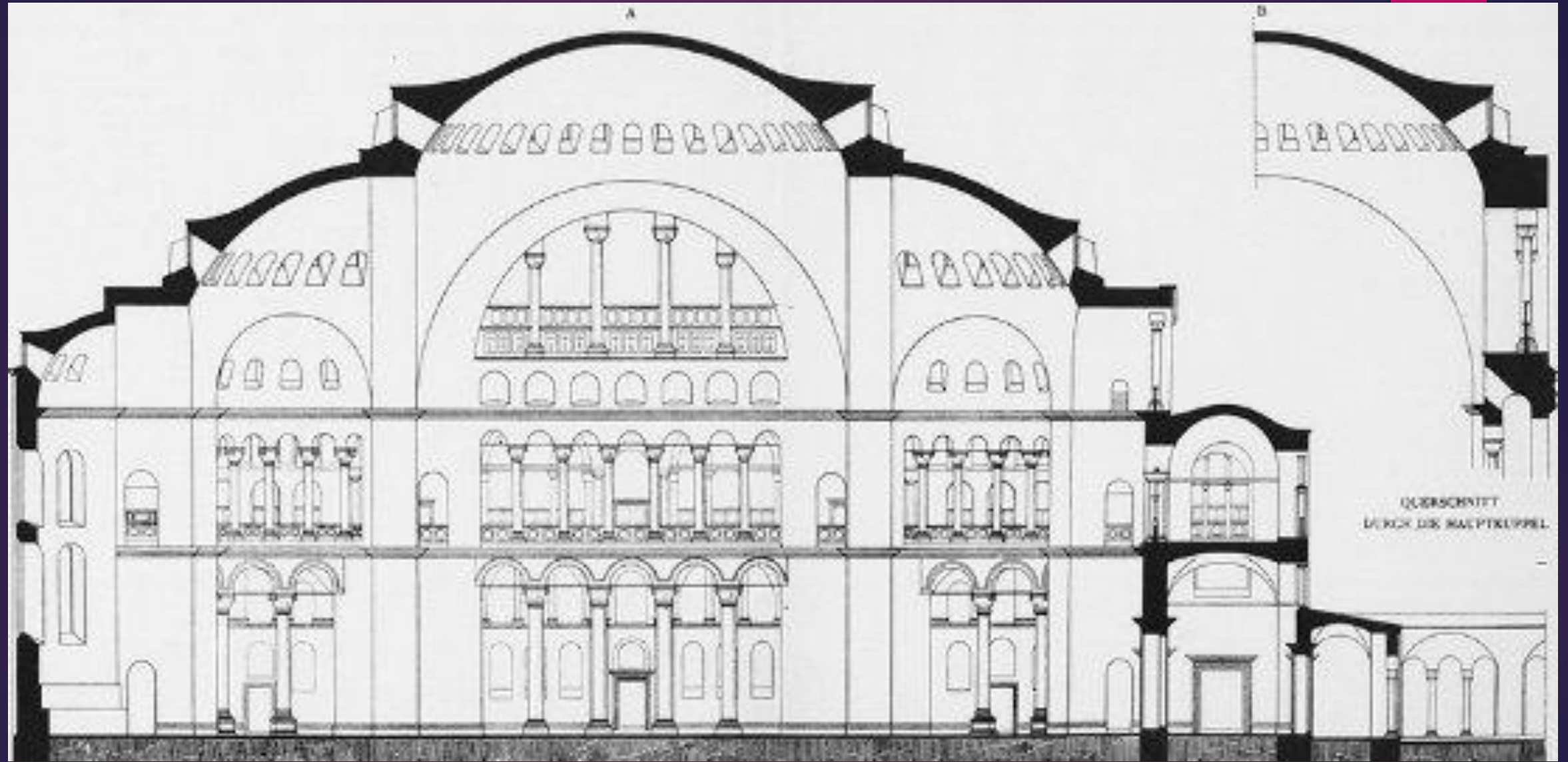


Figure 14.18: Pendentive geometry: (a) large hemispherical dome, (b) with sides and top sliced off, and (c) replaced with smaller-radius hemispherical top dome, and side half domes, which (d) help resist lateral thrust from the top dome and pendentive; with (e) walls and drum under upper dome, from above,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



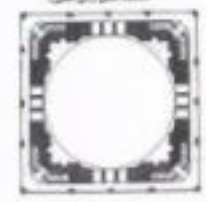
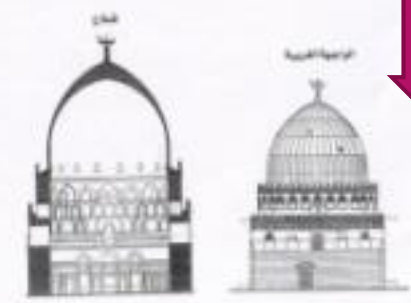
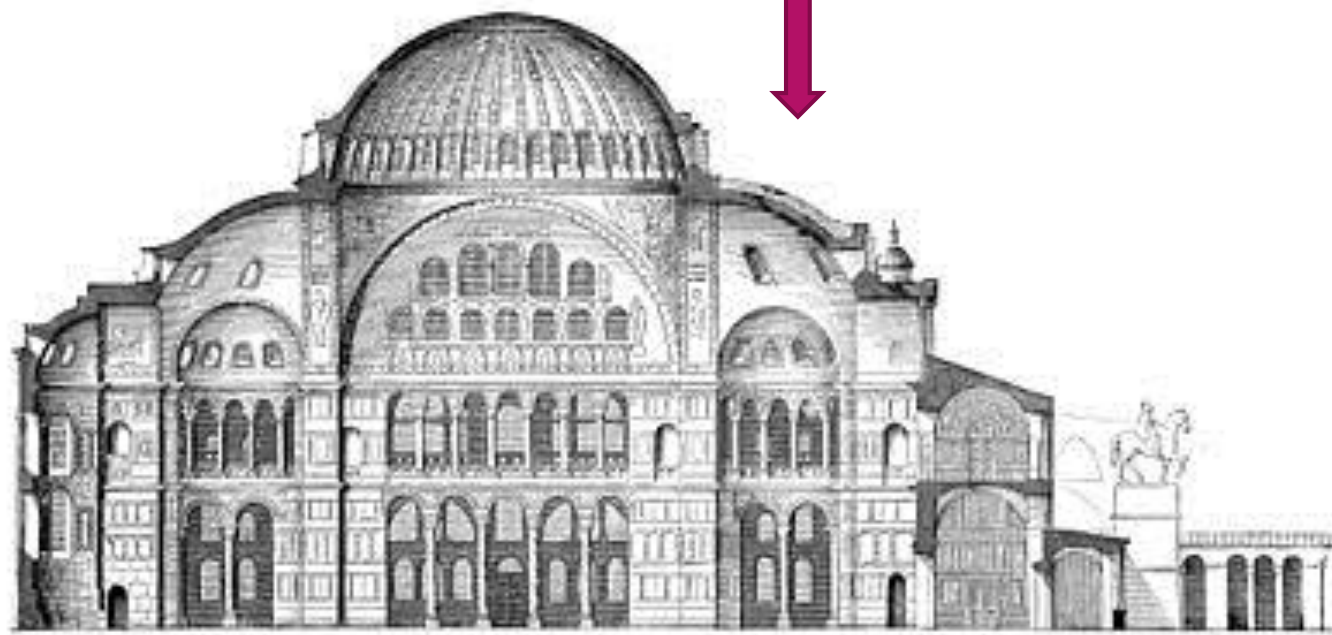
DOMÉ



DOME

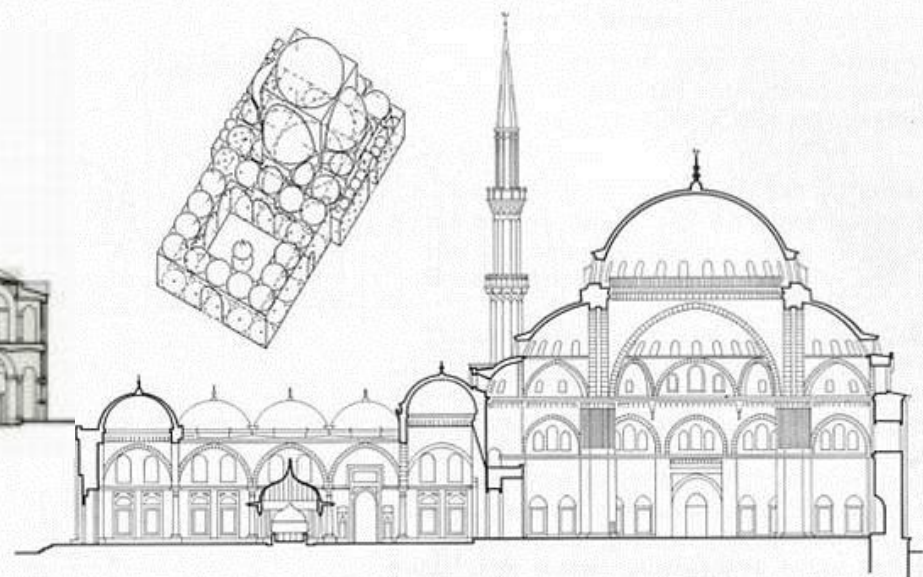
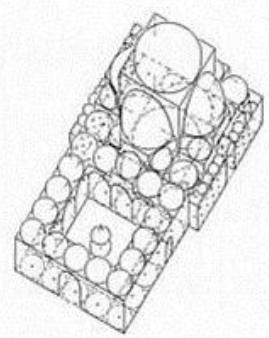
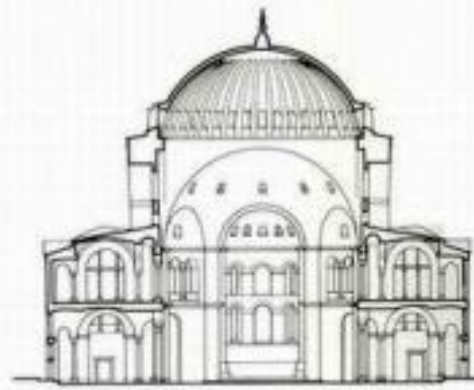
BYZANTINE DOMES

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تصميم قبة القبة وبنائها في القرنين 5 و 6 م

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THANK YOU

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