MİMAR SİNAN,
THE ARCHITECT OF SÜLEYMANİYE CAMİİ, İSTANBUL, TÜRKİYE

Prof.Dr.arch. Yesim Kamile Aktuglu

Dokuz Eylül University, Faculty of Architecture,
Department of Architecture, Structure-Construction Branch,
İzmir/TÜRKİYE
yesim.aktuglu@deu.edu.tr
22.11.2019





Fig. 1. While getting closer to Süleymaniye Camii, through Süleymaniye Street, by walking: a) the view of the main dome; b) the main dome; (photos by YKAktuglu, on 8th of June, 2018)









Fig. 2. While getting closer to Süleymaniye Camii, through Süleymaniye Street, by walking: a) the view of the total top structure; b) the ending wall where the mihrab is, with supporting walls to get the full stability of the perimeter wall; (photos by YKAktuglu, on8th of June, 2018)





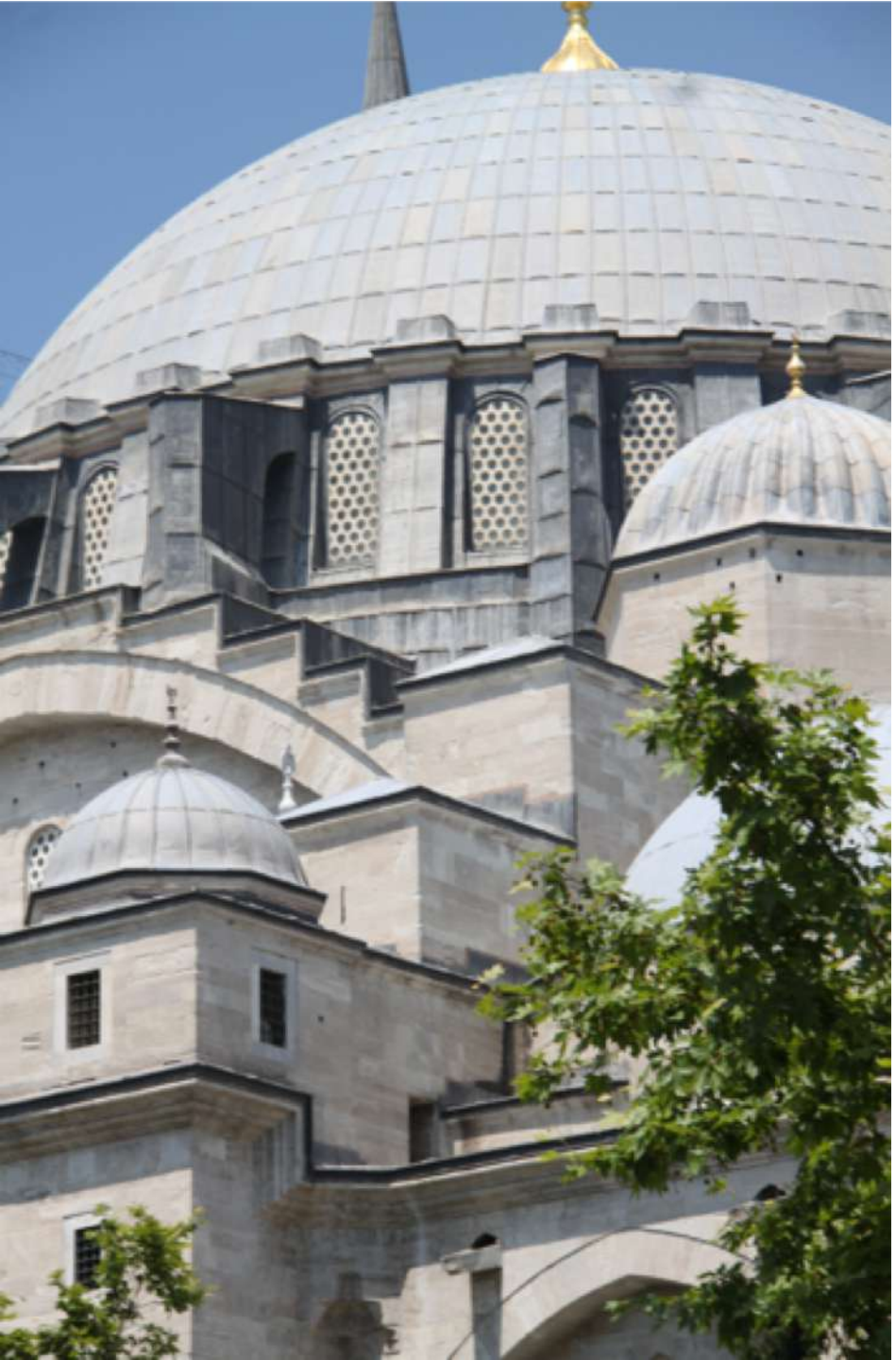
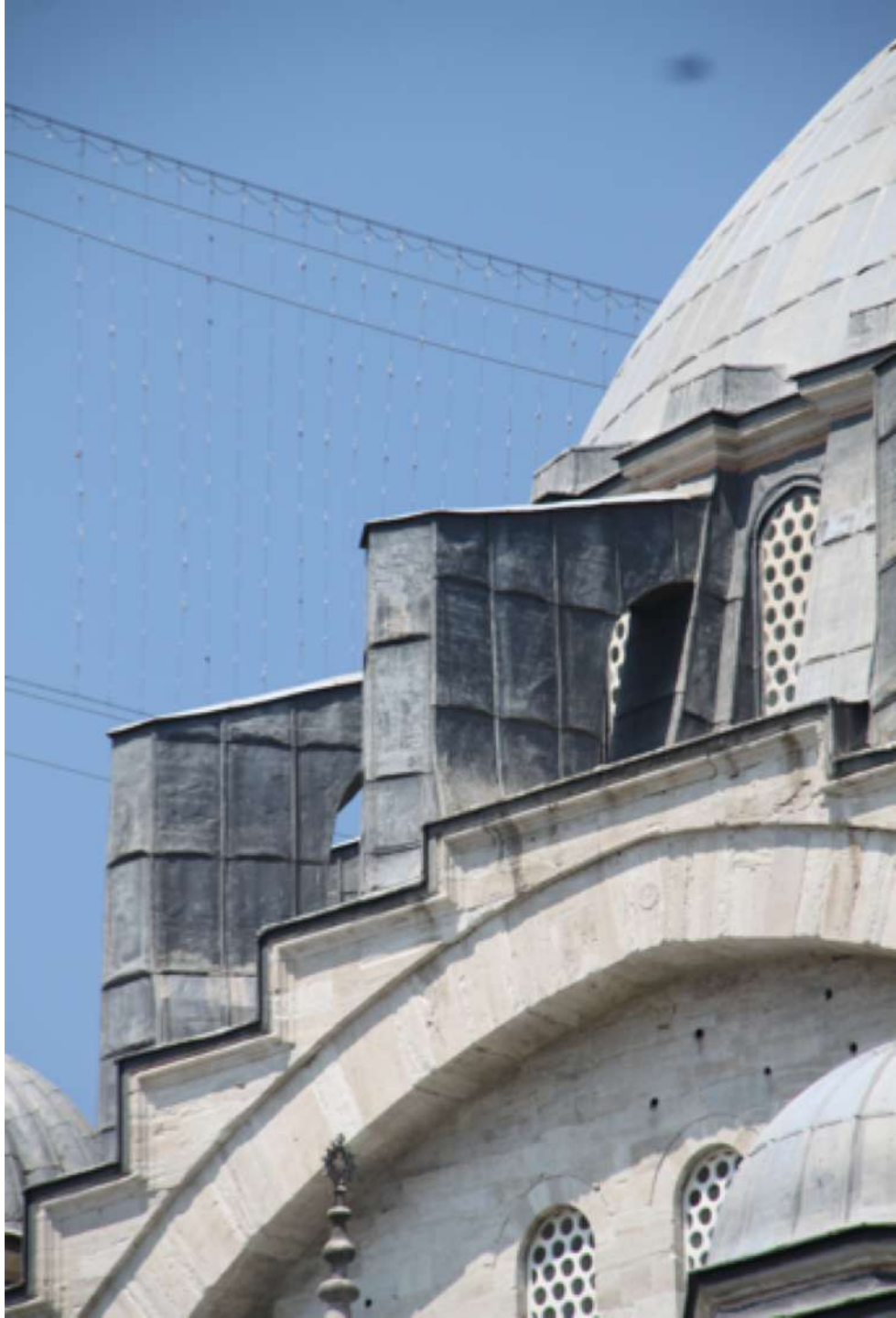
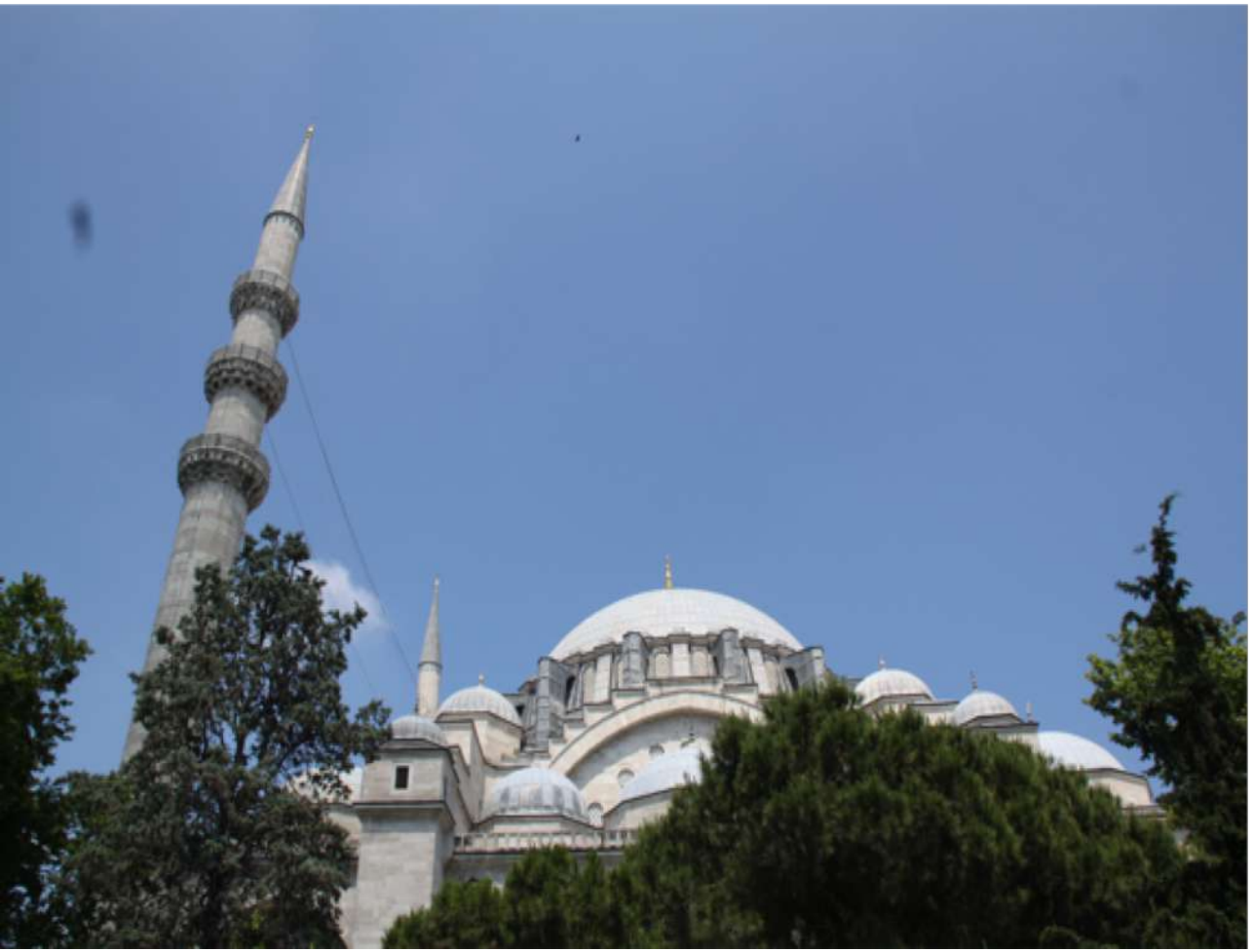


Fig. 3. Main Dome structure : a) it is easy to follow the pathway for the loads going down through the dome, pulley, column, arch, flying buttres, and stepped wall; b) outer window openings together with the whole structure; (photos by YKAktuglu, on 8th of June, 2018)









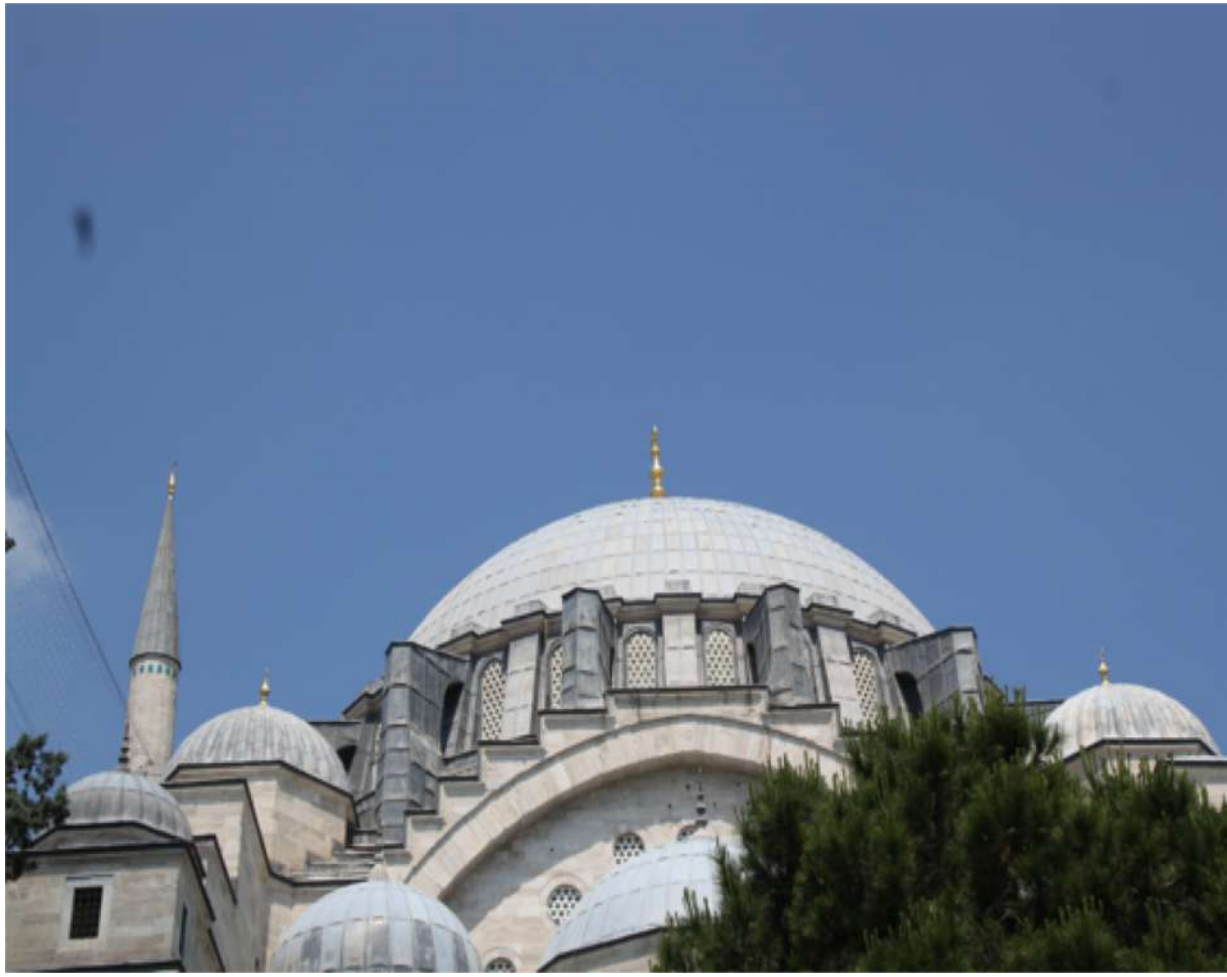


Fig. 4. Total view of the top structure: a) Main dome with other domes; b) Main Dome with 6 flying buttresses at one side; (photos by YKAktuglu, on 8th of June, 2018)









Fig. 5. Southwest view of the mosque: a) Main dome, main arch, smaller domes, arches to carry the slabs where smaller domes are transferring the partial loads on; b) southwest view of the building after the three arches to carry the slab above, with eaves and arches, connected with iron bars to get the tension; (photos by YKAktuglu, on 8th of June, 2018)









Fig. 6.: Details of southwest side of the mosque: a) Entrance canopy from the southwest side of the mosque, with three arches and three domes; b) first floor of the southwest side of the mosque, with arches, connected with iron bars, having a sloping roof with eaves; (photos by YKAktuglu, on 8th of June, 2018)





Fig. 7. Courtyard of Süleymaniye Camii: a) the entrance from the garden to the courtyard, surrounded with arches over columns; b) the entrance to the mosque from the courtyard, with a main entrance dome, in front of the main entrance facade of the mosque; (photos by YKAktuglu, on 8th of June, 2018)











Fig. 8. Inner view of the mosque towards mihrab, to southeast direction: a) the view is from the end level of the main dome till ground floor, between two columns; b) the inner view with the left side arches and columns; (photos by YKAktuglu, on 8th of June, 2018)





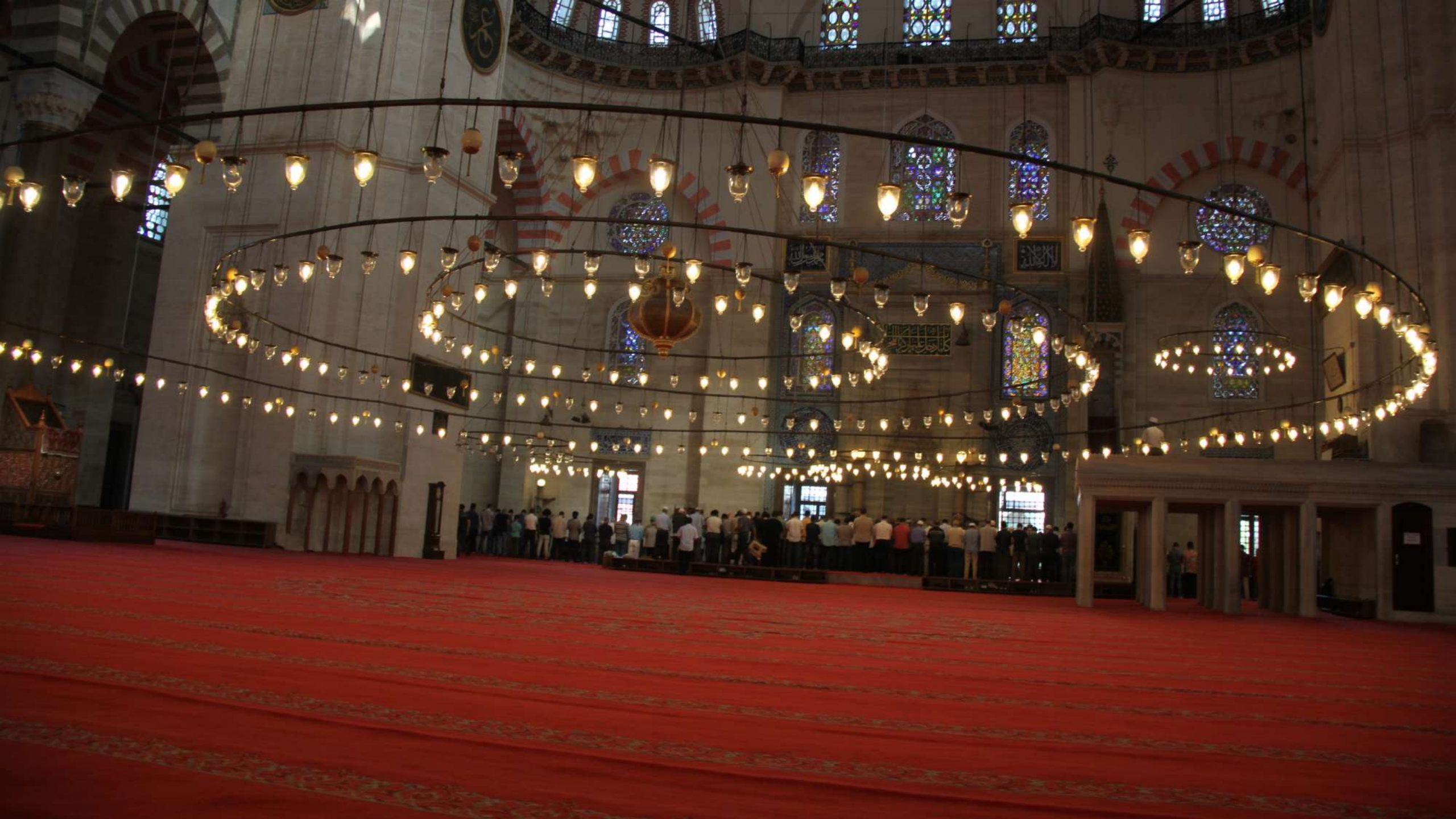










Fig. 9. Inner view of main dome, semi domes, smaller semi domes: a) together with four arches to support the main dome at the top; b) with semi domes also; (photos by YKAktuglu, on 8th of June, 2018)

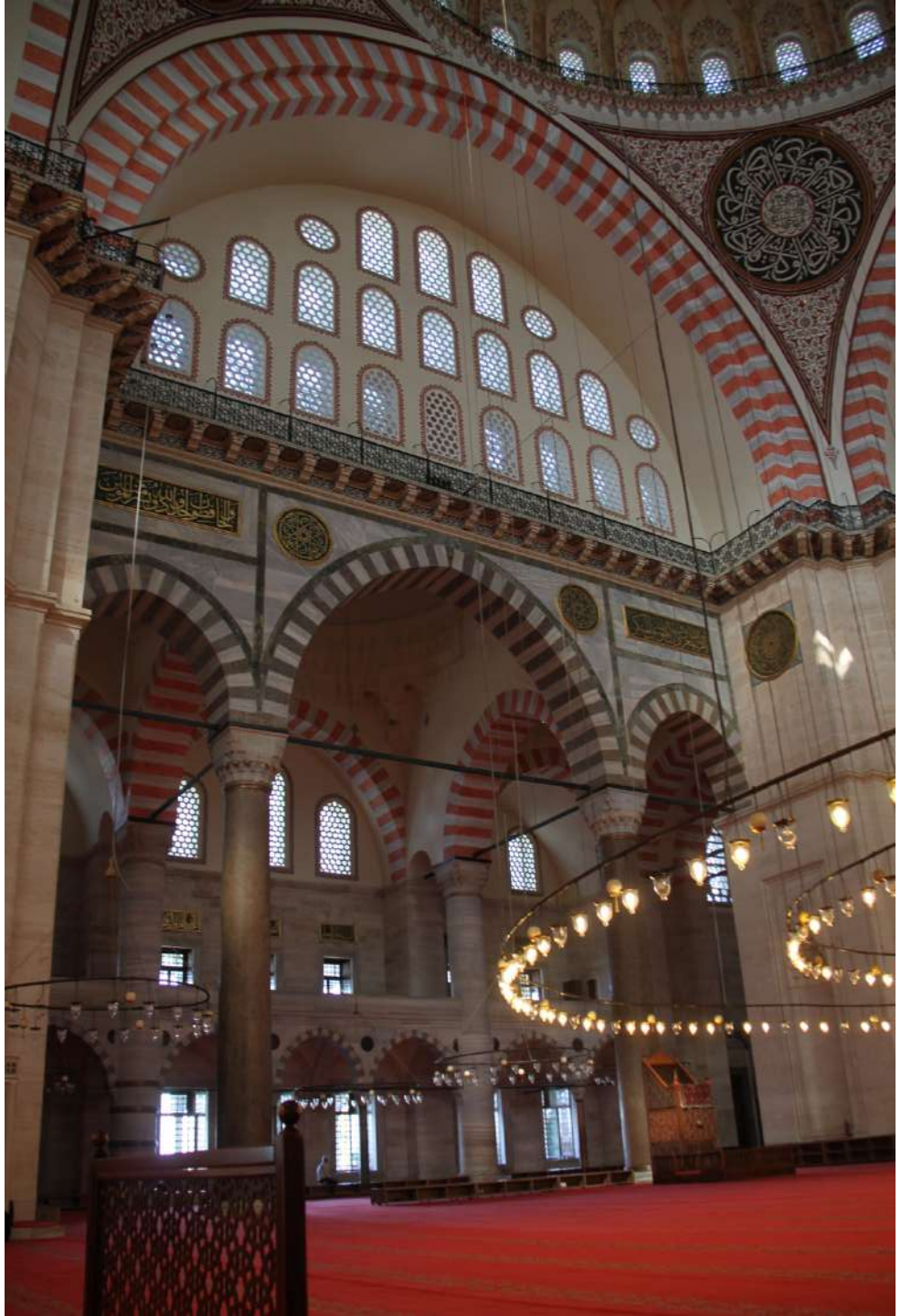




Fig.10. The composition of main arches and windows and smaller arches under: a) northeast side composition; b) southwest side composition; (photos by Y.K.Aktuglu, on 8th of June, 2018)





Fig.11. Main columns, closer to mihrab, with the total structural system: a) northeast main column; b) southwest main column; (photos by YKAktuglu, on 8th of June, 2018)



Fig.12. The composition of the arches and columns under the main arches to carry the main dome: a) the structural composition to design an additional space to the main space to make the main space be enlarged; b) the view of the additional space behind the threearches; (photos by YKAktuglu, on 8th of June, 2018)







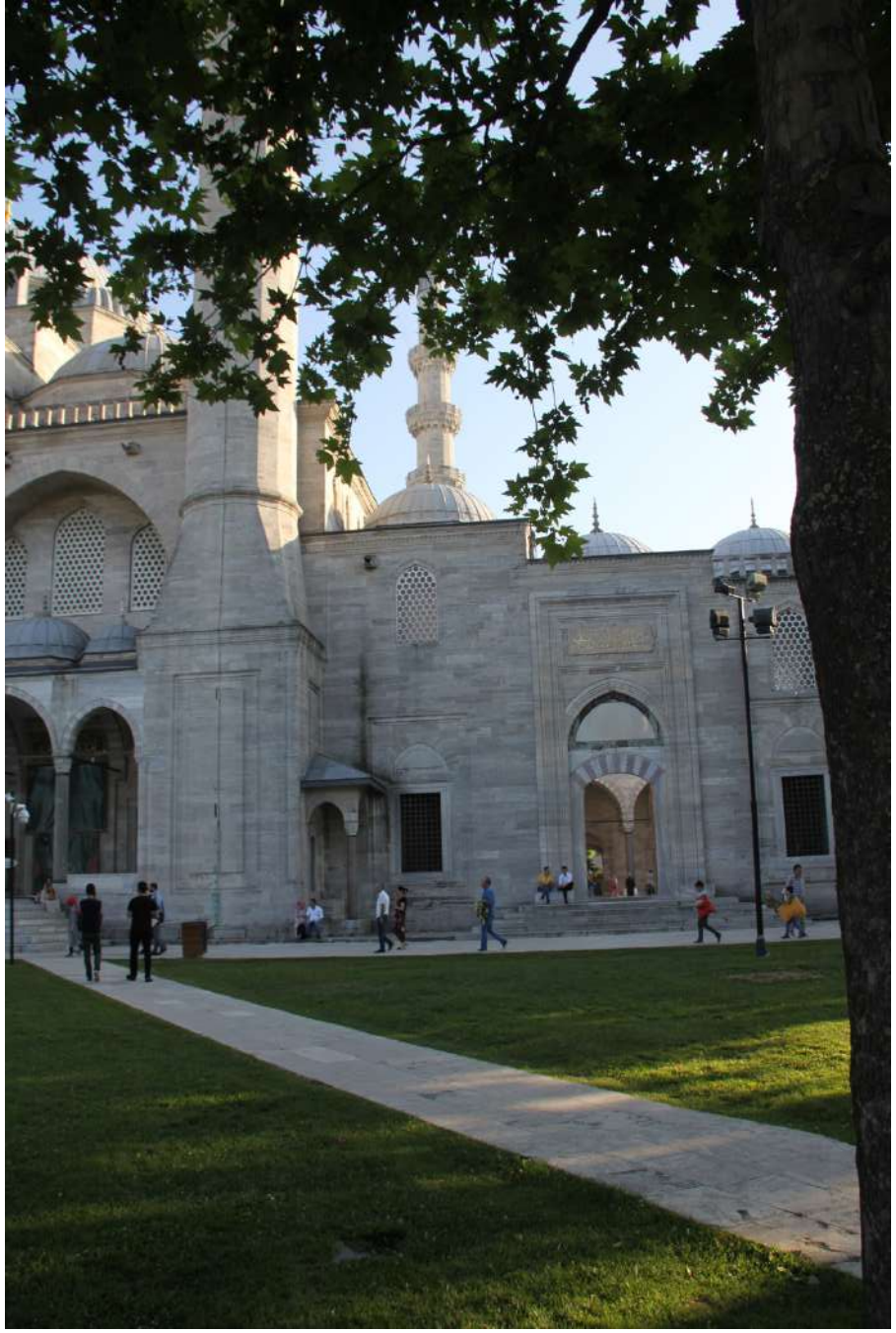
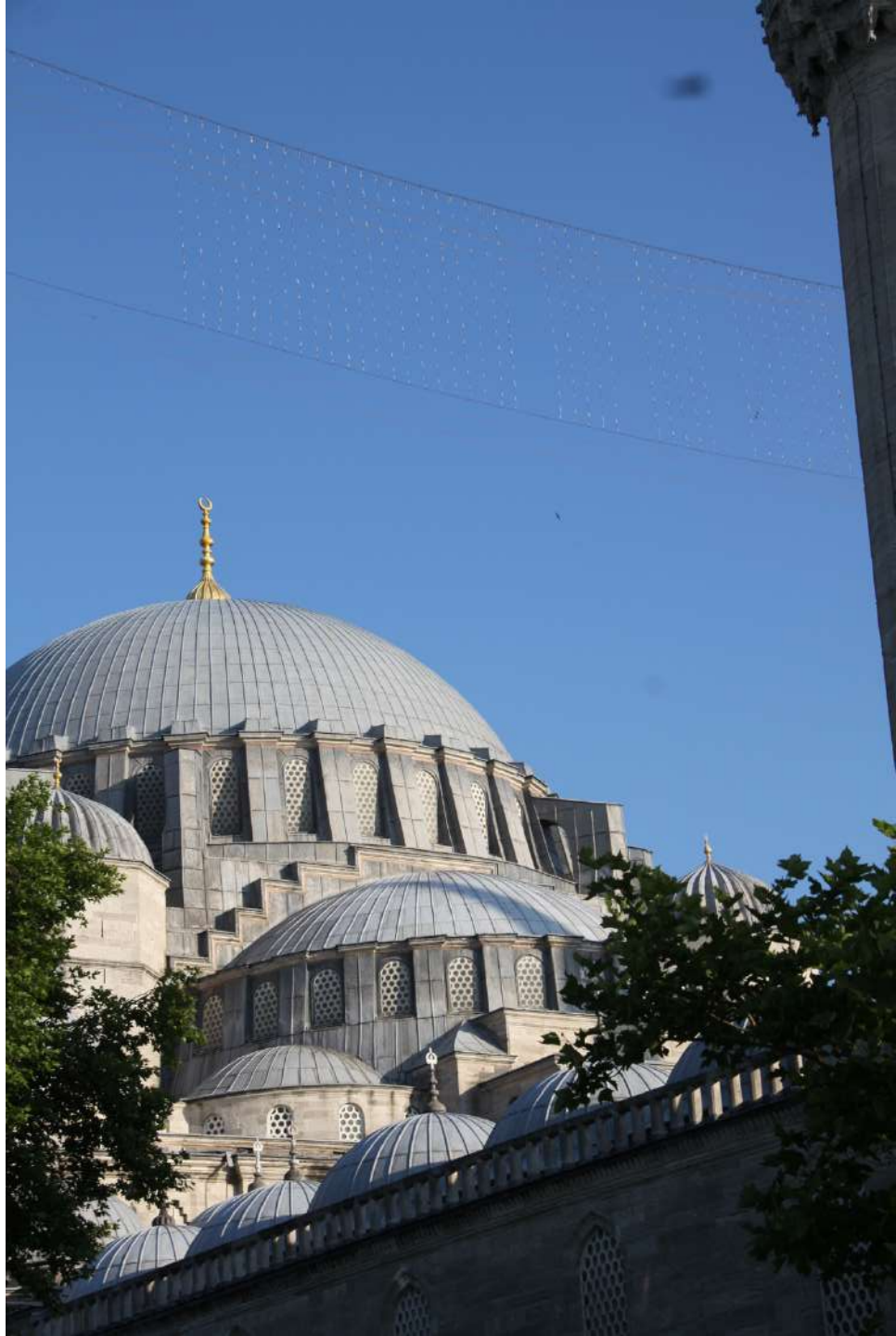


Fig. 13. The northeast view of the mosque: a) all structural texture, composed by main dome, flying buttresses, semi domes, smaller domes, arches, columns are altogether; b) the entrance gate to the courtyard from garden of the mosque; (photos by YKAktuglu, on 8th of June, 2018)



Fig. 14. The view of the mosque from the north corner of the garden: a) the minarets, 3 of 4 are standing up at the corner points of courtyard; b) northwest view of the roof structure of the mosque; (photos by YKAktuglu, on 8th of June, 2018)





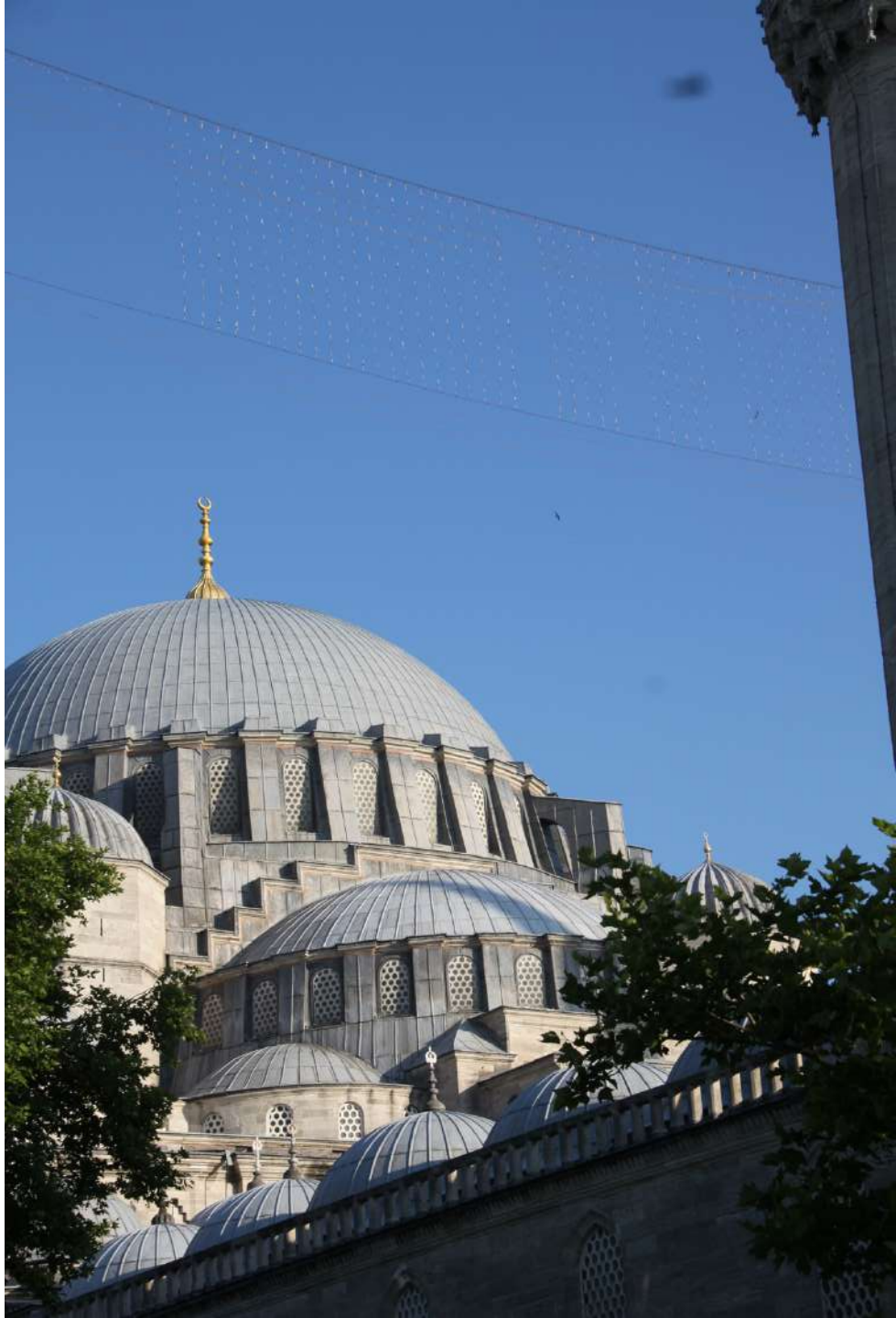




Fig. 15. Mimar Sinan’s sleeping place (photo by Y.K.Aktuglu on 8th of June, 2018)



teşekkür ederim ☺