

A Geometry of Early Islam – The “Ray” Method

<http://rogerburrowsimages.com/wp-content/uploads/2017/12/My-Movie-Ray.mp4>

“3D Thinking” Pages 183 to 186: An example of the Ray Method – one of the six primary methods used to create Arabian designs during the early Islamic period – during the Abbasid Caliphate 566-653CE. In the animation one arm of a “10-Ray” is used to position a “6-Ray” – then on the intersection of one of the arms of the 10-Ray and the 6-Ray a “9-Ray” approximately fits. The method was used to generate designs based on number sequences that corresponded to letters and words using the ABJAD system – in this case the numbers 10, 6 and 9. See my paper on the subject, “Six Arabian Geometries” also the “Early Islam” chapter in my new book to be published by Thames and Hudson in April 2018, [“3D Thinking in Design and Architecture from Antiquity to the Future.”](#)

