

AR Platonic Solids

Instructions:

- Download [this APP here](#) for Android.
- Cut and look at these QR codes to enjoy the Platonic Solids and many other geometric objects in augmented reality.
- Standard scan of QR link to Wikipedia.
- Send us any figure that you would like to include in this app for free.
- This is a totally free app, we will appreciate very much [your review here](#).
- Share this app with your colleagues :-).

TETRAHEDRON



Vertices: 4

Edges: 6

Faces: 4

Euler characteristic $V-E+F=2$

CUBE



Vertices: 8

Edges: 12

Faces: 6

Euler characteristic: $2h$

OCTAHEDRON



Vertices: 6

Edges: 12

Faces: 8

Euler characteristic: 2

DODECAHEDRON



Vertices: 20

Edges: 30

Faces: 12

Euler characteristic: 2

ICOSAHEDRON



Vertices: 12

Edges: 30

Faces: 20

Euler characteristic: 2

Prisms, pyramids, curved bodies

PRISMS



CYLINDER



PYRAMIDS



CONE



SPHERE



TORUS



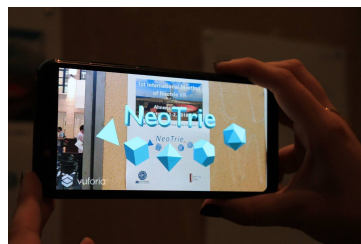
MÖBIUS STRIP

Your logos in AR

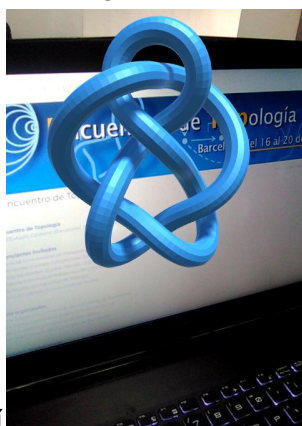
Send us your math logos to info@virtualdor.com



Look at this to see the [logo of Neotrie VR](#) in AR!



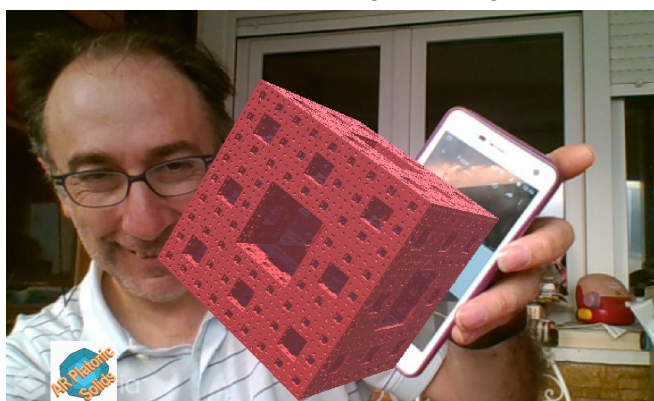
Look at the knot 6_2 on the logo of the [Spanish Topology Meeting](#)




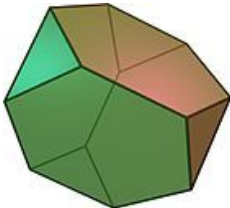






Of



Look at the logo of the Sierpinski Carpet, to see its 3d versión, the Menger Sponge

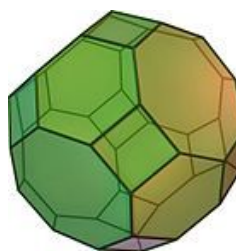


Archimedean Solids

	 <p><u>truncated tetrahedron</u></p>
	 <p><u>cuboctahedron</u></p>
	 <p><u>truncated cube</u></p>
	 <p><u>Truncated octahedron</u></p>



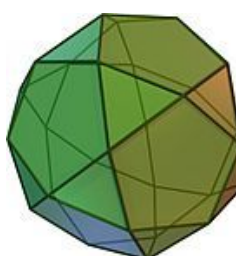
[Rhombi-
cuboctahedron](#)




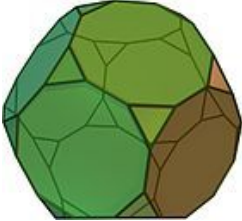

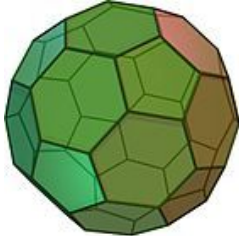

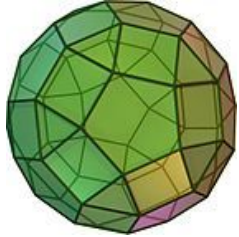

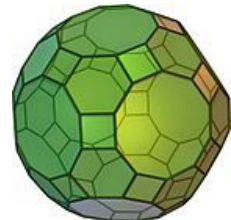


[truncated cuboctahedron](#)



[snub cube](#)



[Icosido-
decahedron](#)

	 <p><u>truncated dodecahedron</u></p>
	 <p><u>truncated icosahedron</u></p>
	 <p><u>Rhombicuboctahedron</u></p>
	 <p><u>truncated icosidodecahedron</u></p>
	 <p><u>snub dodecahedron</u></p>