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Subject: Repulsive force polyhedra

Posted by [Magic](#) on Fri, 28 Dec 2012 15:01:51 GMT

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Hi there,

This is not a new model at all, but this is the first time I order it.

Here are 5 Repulsive Force Polyhedra.

These polyhedra are constructed by putting a certain number of points on a sphere allowing them to move along its surface so that by repulsing each other they reach a balanced position. Then I replaced each point by a plane (that is: I took the dual polyhedron) to obtain those polyhedra.

Check this page or this page (by Alea Kybos) to generate them.

This is the basis for most of my Truncated Sphere Dice.

Here I used 8, 9, 10, 17, and 32 points and the result is the basis for Alt D8, 4-fold D10, D9, D17 and D32.

I am very happy to finally have them in my hands. Don't miss the video.

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