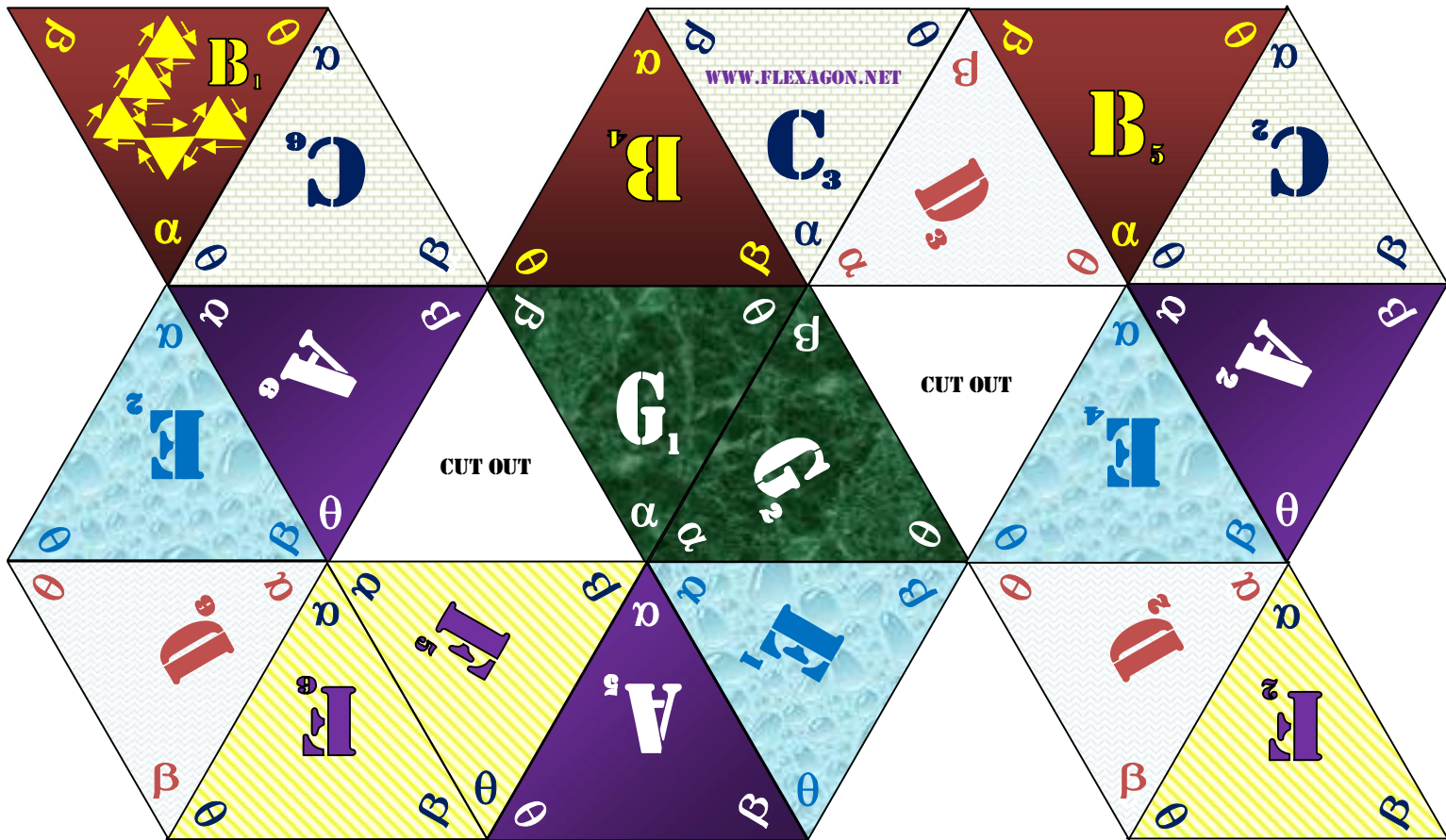


THE SNAKE HEPTAHEXAFLEXAGON VARIATION 1/4



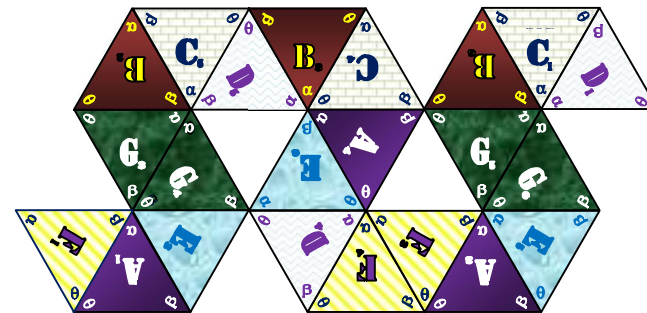
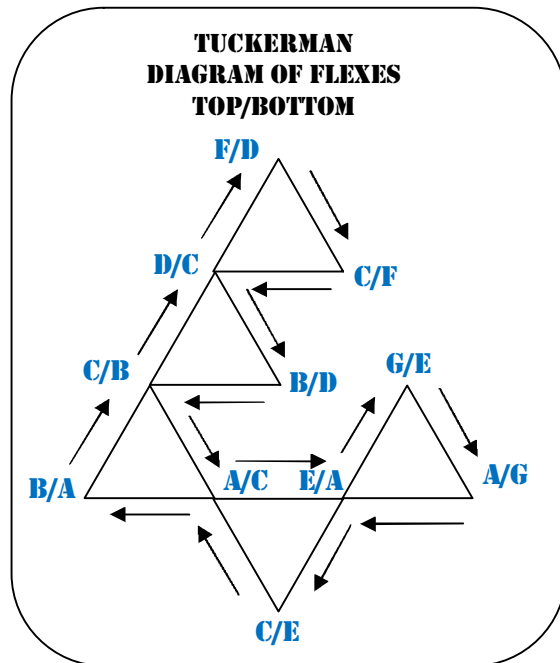
THE SNAKE
HEPTAHEXAFLEXAGON
VARIATION 1/4



THE SNAKE
HEPTAHXAFLEXAGON
VARIATION 1/4

This flexagon has 7 faces. You can pre crease all triangles before and after gluing. Glue the backside such that the reverse side of the D_1 and F_1 triangles are not covered until the flexagon is assembled. F_1 will be behind D_1 once assembled. F_2 will be behind C_2 when the two halves are assembled. After glueing crease all the lines back and forth. Now fold together the three pairs of Gs. You will have a pattern as for a hexahexaflexagon. Fold together the three pairs of F triangles, it will look like the pattern for the pentahexaflexagon. Now fold the three pairs of E triangles and then the A triangles and finally the B triangles. The back of the F_1 and D_1 triangles can now be glued together to lock the flexagon in place. All the Cs should be on one face of the completed flexagon, the Ds on the back and the flexagon will have a uniform thickness of 2 sheets of paper. I recommend glueing the halves together two to three triangles at a time. Do not try to do it all at once, you will get a crumpled sticky mess. This is the first of 4 variations of the heptahexaflexagon.

Quick Folding sequence: 3Gs – 3Fs – 3Es – 3A – 3Bs



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