Star Twist Tessellation

This fold is based loosely on a hexagonal closed twist, although it really came about through a lot of experimentation using six-pointed stars. Since you can't fold a star without having to modify the body (it's not a purely convex polygon) this is one of the variations I came up with in my playing around.

I'm rather pleased with this fold, since it can do two things- be a fancy tessellation and spread across the plane to infinity, or be a single instance that comes out looking like a snowflake. Hopefully this appeals to both tessellation junkies and "normal" folders alike.

My crease pattern is a little different, in that it's a crease pattern of the bottom of the paper. Additionally, the valley folds are indicated by solid lines, and the mountain folds are shown by dotted lines. I know this contradicts common practice, but I felt that the dotted/dotted-with-dashes combination was just much too confusing with this many lines.

I hope to release more folds as time permits. Anything I release will be available online at http://www.origamitessellations.com.

-Eric Gjerde

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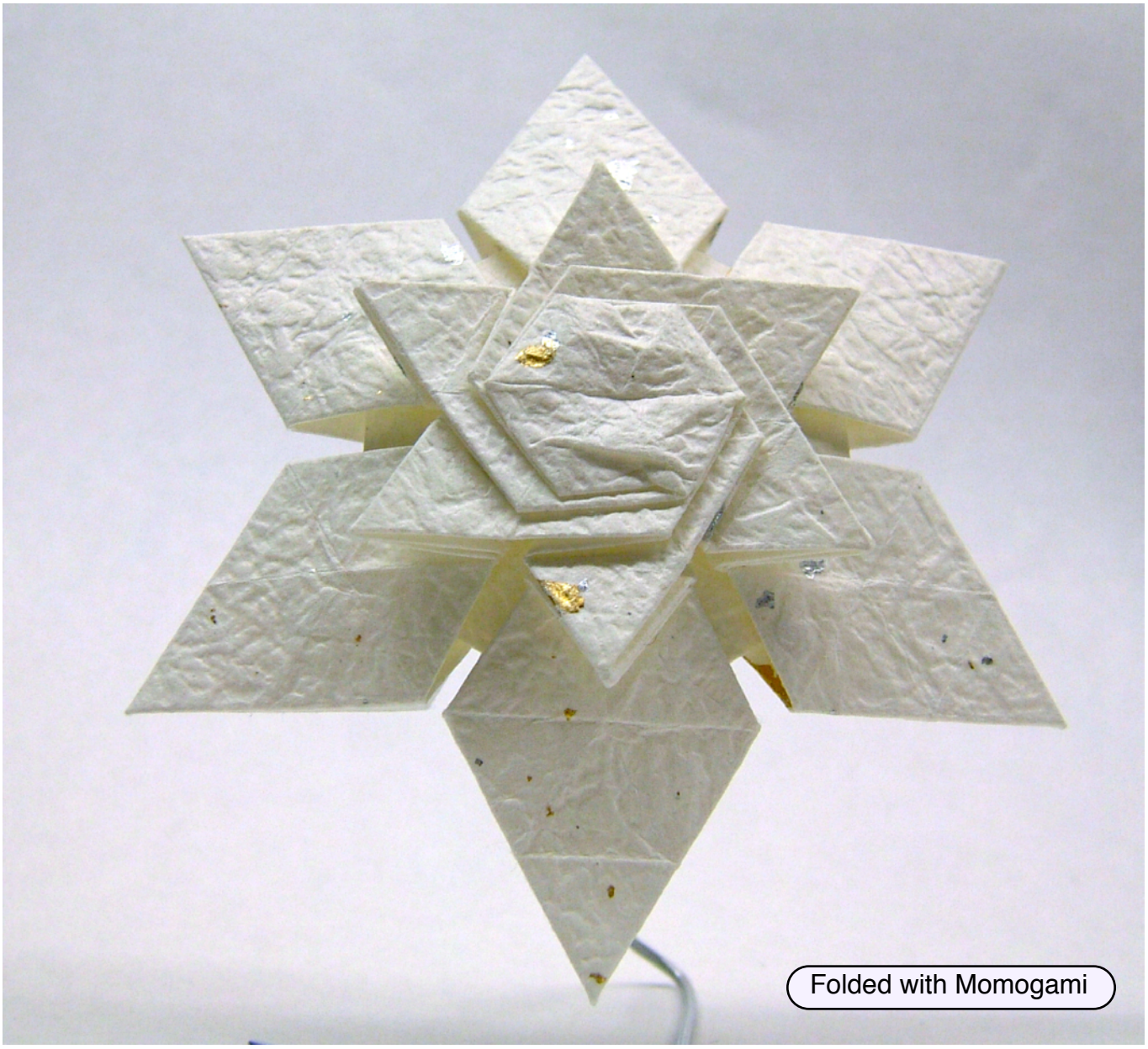

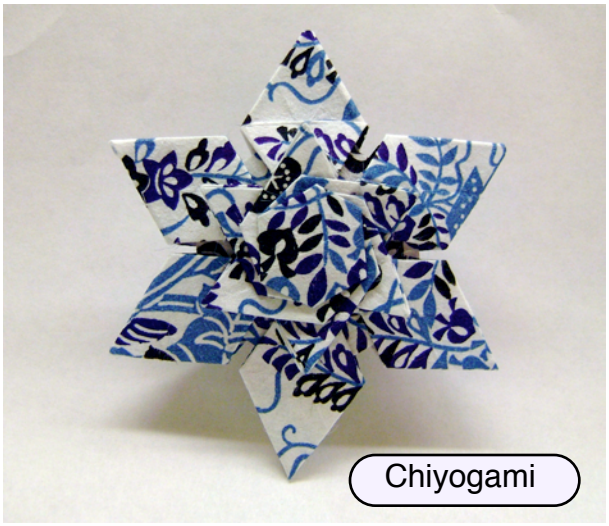

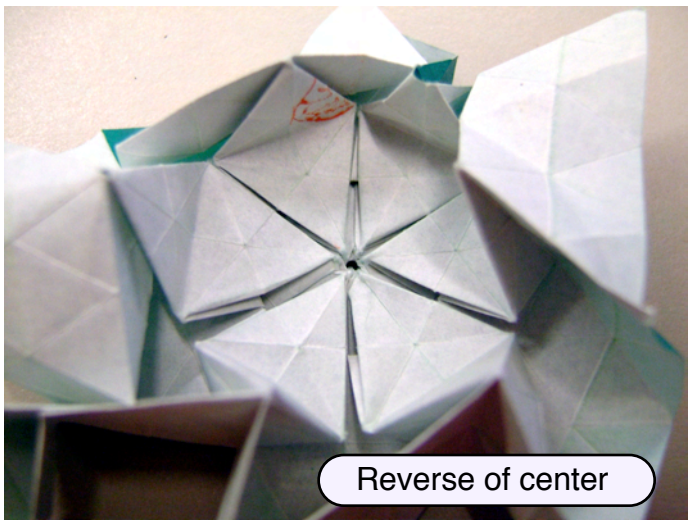

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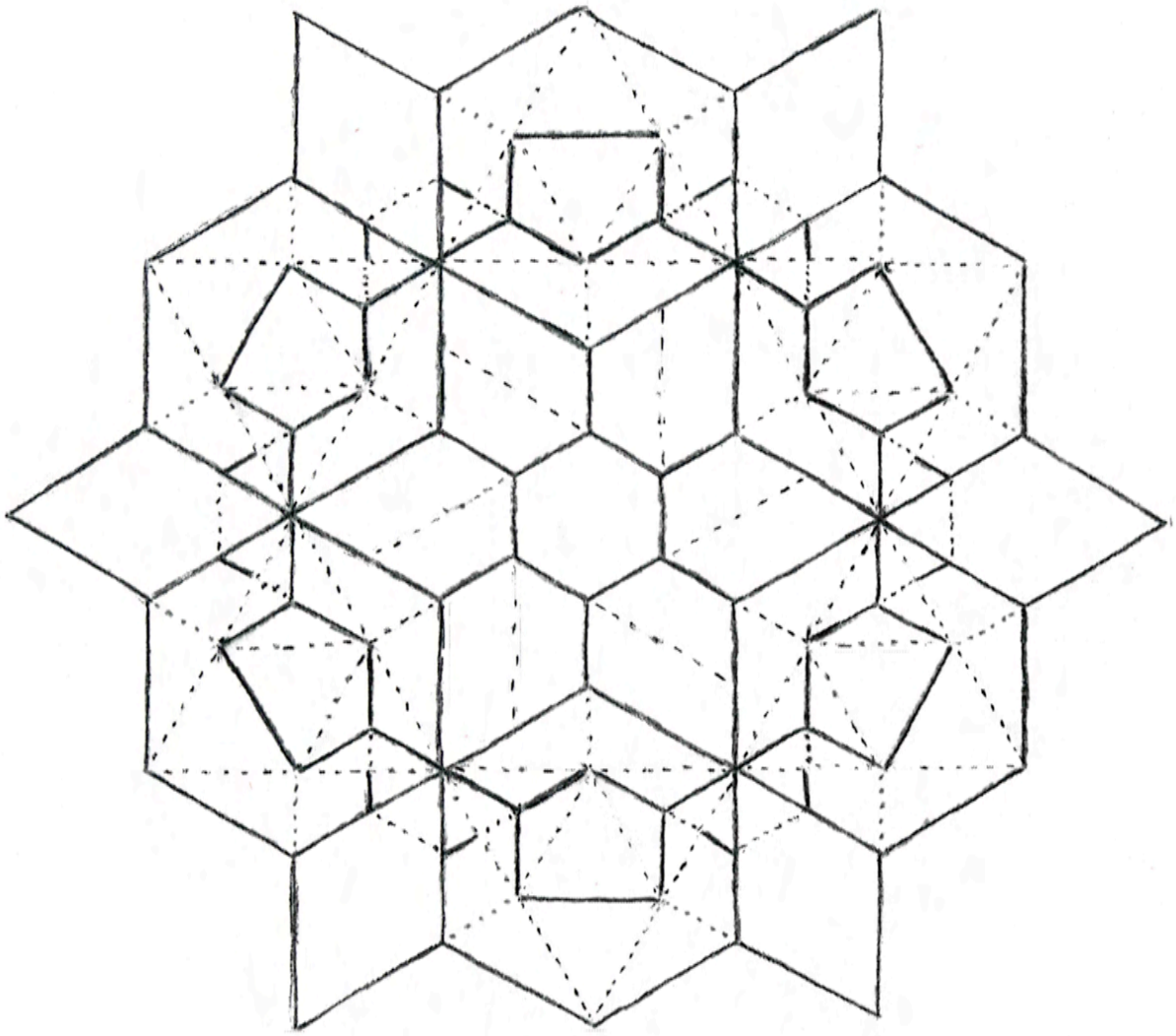

Solid Lines = Valley Fold
Dotted Lines = Mountain Fold