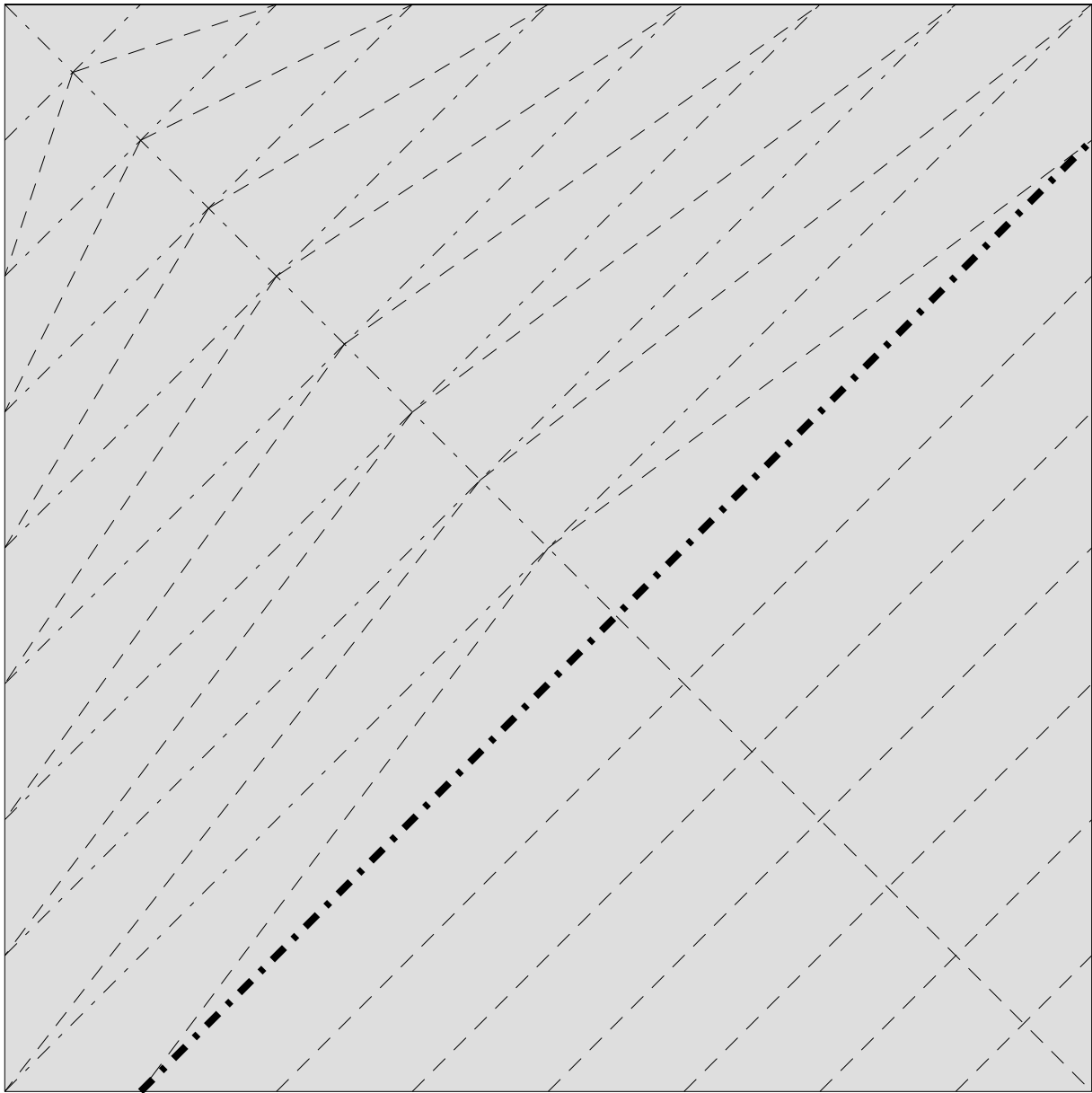
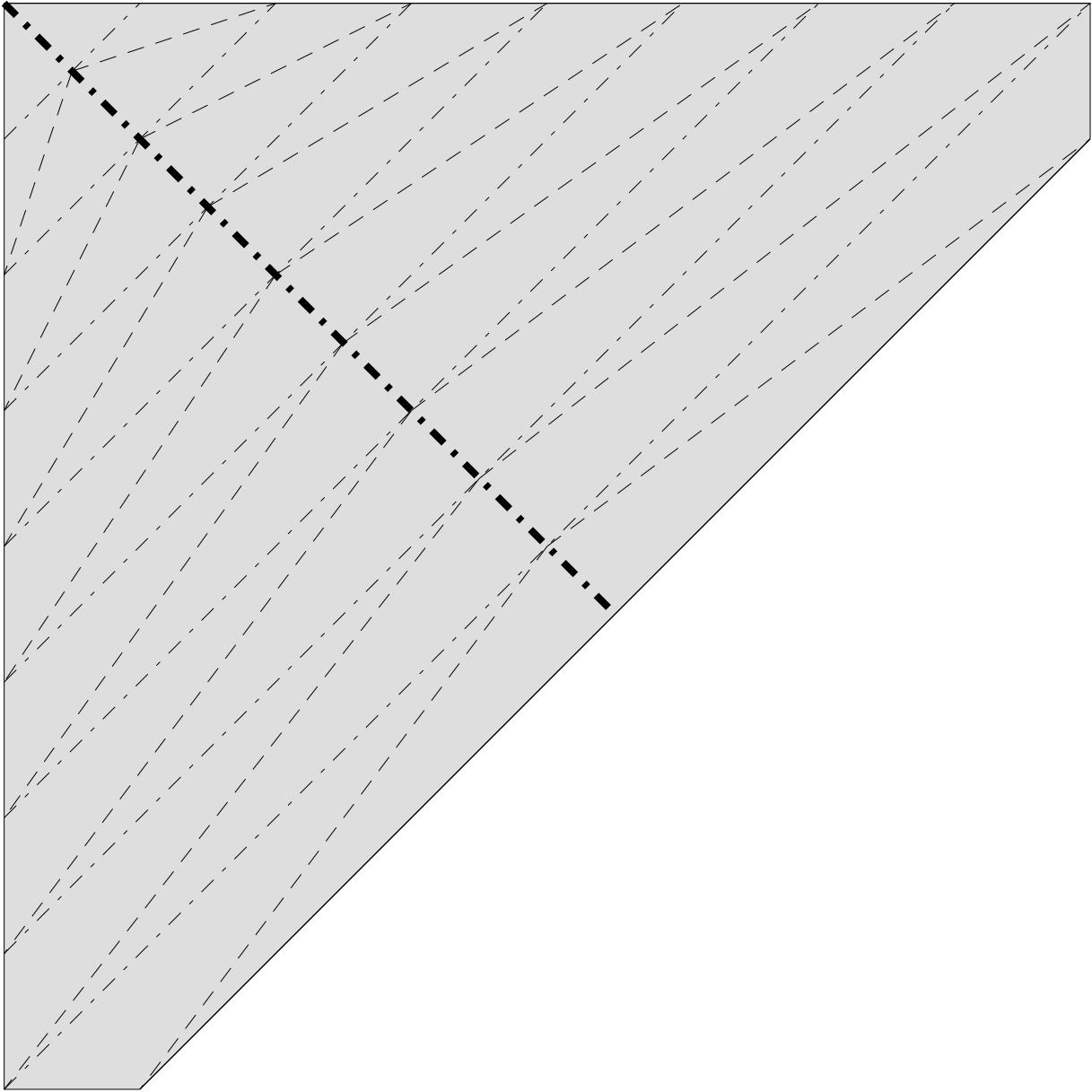


Logarithmic crashing wave, Galen Pickett. July 2004.

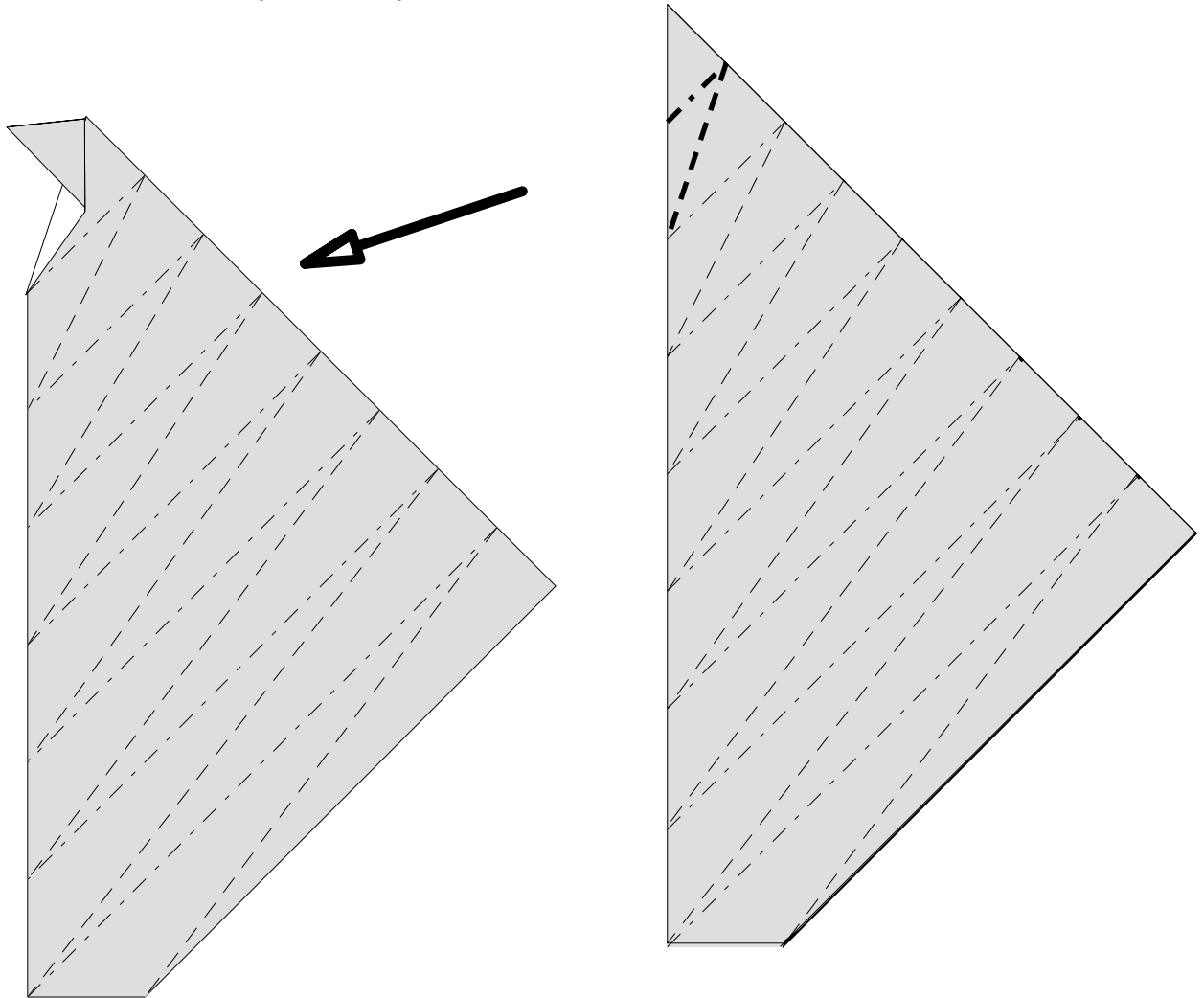


1. Square paper, color side up, make pre-creases as shown, and then fold along the indicated mountain fold.



2. Fold along indicated mountain fold. Recreate each of the diagonal valley folds through both layers of paper.

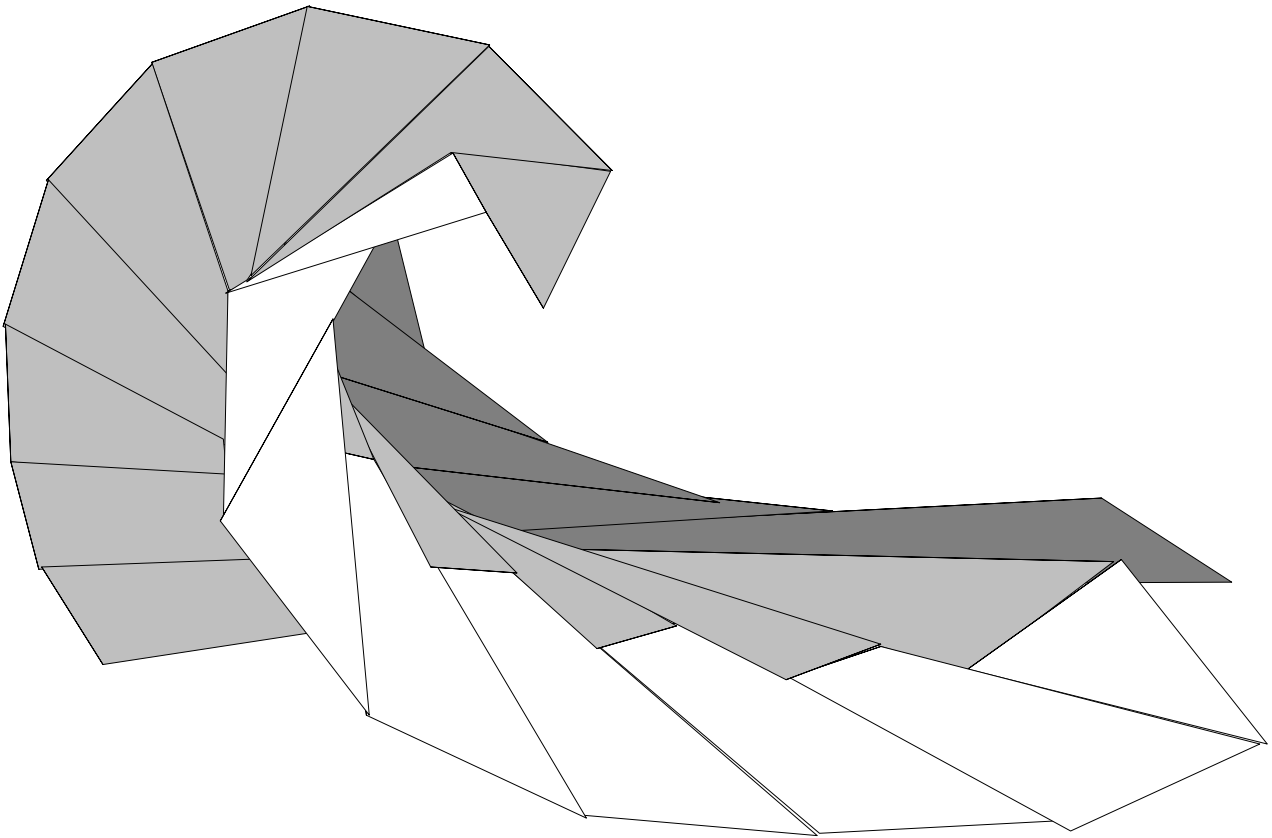
3. Make the indicated inside reverse folds one by one until all have been completed, there are 4 layers of paper to fold, two in the front, two in the back. Continue for all of the precreases down the spine of the model. Note that the middle layers now have their diagonals precreased ... the inner layers will follow the outer layers as you fold.



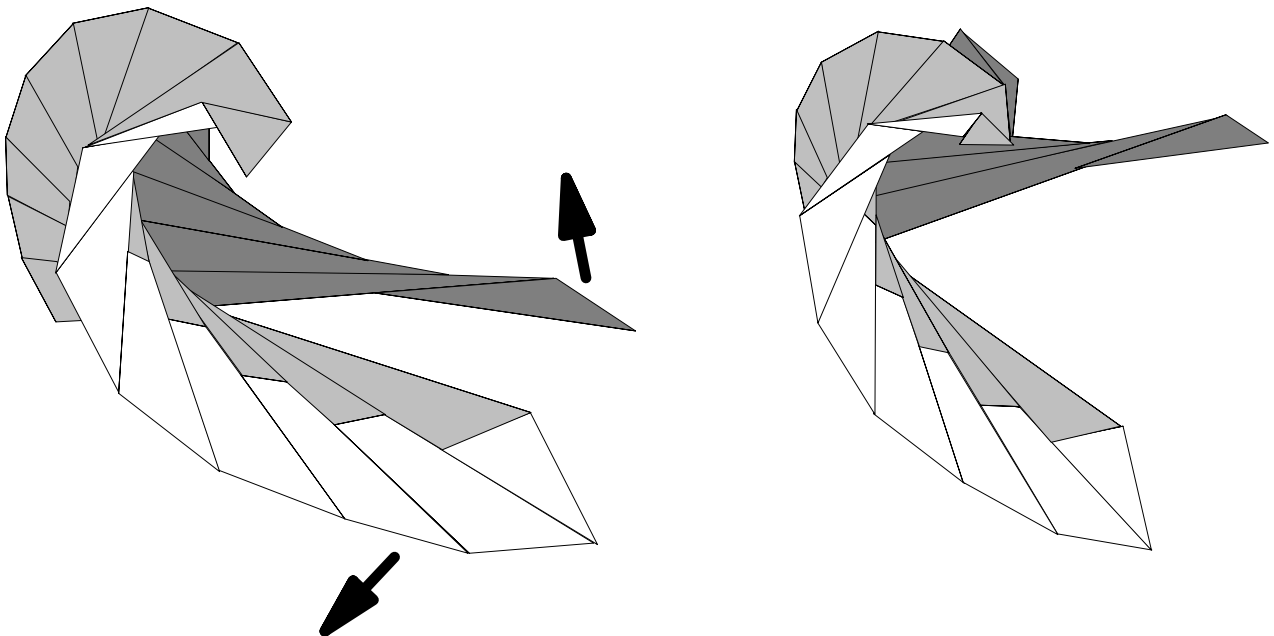
The finished model, if made from blue origami paper, resembles a breaking wave in profile, with the exposed white margin as foam. There are 3 logarithmic spirals in the completed model: along the spine, at the outer edge of the spray-foam, and the inner edge of the breaking wave. The model resembles a calla lily when made of white paper.

The model is based on the "object-d'art" of Kasahara, and spiral models of Fuse, and especially the logarithmic spiral of Jun Maekawa, attributed to Hiroshi Tomura. The "Aries" model of Robert Foord (BOS No. 163, 1993) is quite closely related.

The finished model:



Open the two arms of the model, and the logarithmic wave crashes:



Thanks to Jane Rosemarin for helping to clean up the folding sequence!