HOW TO MAKE A TRISECTED BOWL

Pattern designed by Kazukuni Endo, courtesy of Makoto Yamaguchi and Origami House.
**STEP ONE**

- valley fold
- mountain fold

Fold in half each direction making .75 inch creases. *Do not* fold all the way through the center.

**STEP TWO**

Fold up as shown, so the bottom right corner meets the crease in the top middle and creates a point at the bottom left.

**STEP THREE**

Flip paper over! Then repeat the same folds on this side.

**STEP FOUR**

From the interior middle points of the arrowhead shapes, fold as shown.
This is the tricky part. Push the paper in around the bottom square area which will create a recessed bottom for the bowl. The mountain and valley folds you’ve made should help it naturally fold in to create this shape:

Take each point, flatten and fold down so the bottom edge lines up with the crease in the bowl base part.

After all four folds are made, tuck each one under.
Origami⁶, Parts 1 & 2

Edited by Koryo Miura, Toshikazu Kawasaki, Tomohiro Tachi, Ryuhei Uehara, Robert J. Lang and Patsy Wang-Iverson

The Origami⁶ series is a unique collection of papers illustrating the connections between origami and a wide diversity of fields—the series now includes Origami⁶.

The papers compiled in this two volume set were presented at 6OSME (10–13 August 2014 in Tokyo, Japan). They allow the reader, through the researchers’ imagination, to visualize the incredible possibilities that can be achieved through the creative melding of origami with different fields of research, ranging from within the cell to the outer reaches of space.

This book is accessible to a vast audience ranging from the reader who enjoys papers on art & design, history, and education, to researchers curious about the connections of origami with science, technology, engineering, and mathematics.

Part 1 focuses on mathematics and Part 2 focuses on technology, design, art, and education. Origami⁶ is now available for order at www.ams.org/bookstore-getitem/item=mbk-95.

2-Volume Set:
List: US$130;
All Individuals: US$91

Part 1:
List: US$79;
All Individuals: US$55.30

Part 2:
List: US$79;
All Individuals: US$55.30