CP Sharing Series No.4 Interpretation of the 26th CP of Insects

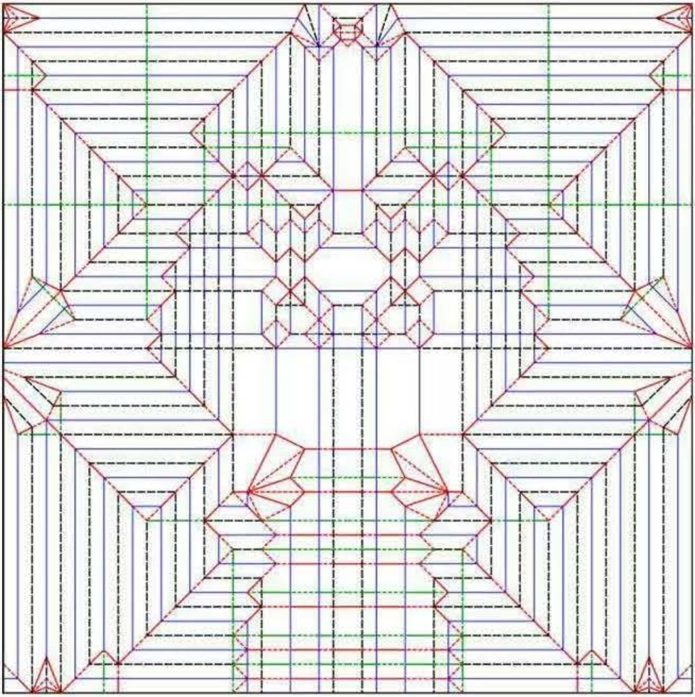
Origami student Takayama CP origami opening number2018-04-10

The fourth one was shared. It is still a beetle. Everyone will find that this beetle is similar to the last 03 beetle. The biggest difference is the head and chest joint transitions. Let's take a look at the drawings!

21.10.2014

Samurai Helmet Beetle 2.0

Designed by Philipp-Marius Kost



CP折纸开根号

Drawn with Inkscape

CP折纸开根号

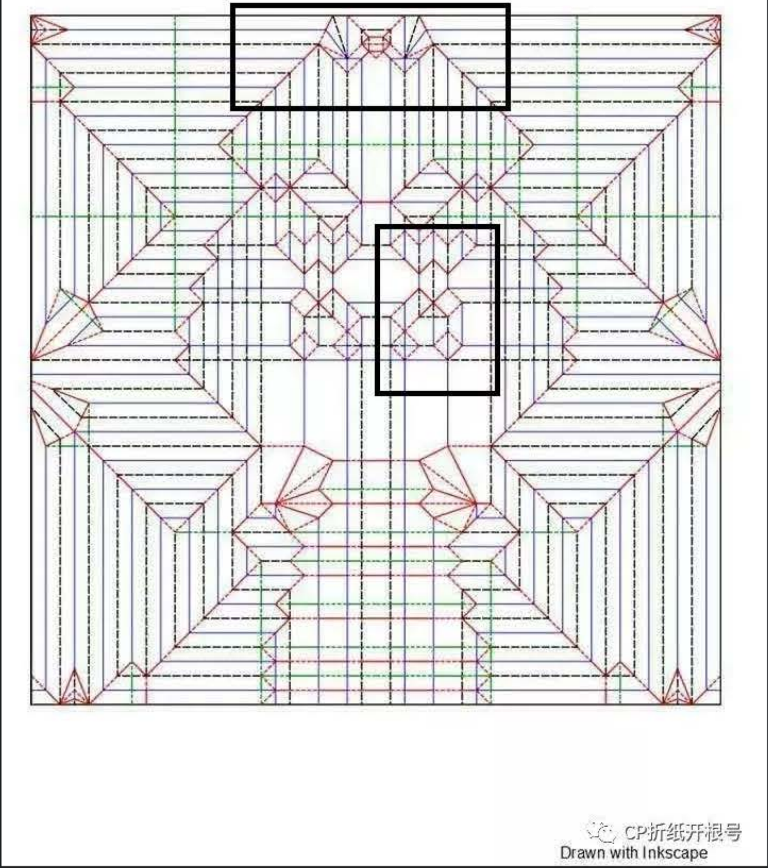
First pay tribute to the original author again, the work is great!
The finished picture here was taken after I folded it last year! (Because the original artwork is missing!)

Knowledge points in this issue
1.The horn of a unicorn
Linking transformation from 2 to 3 cells (W structure)

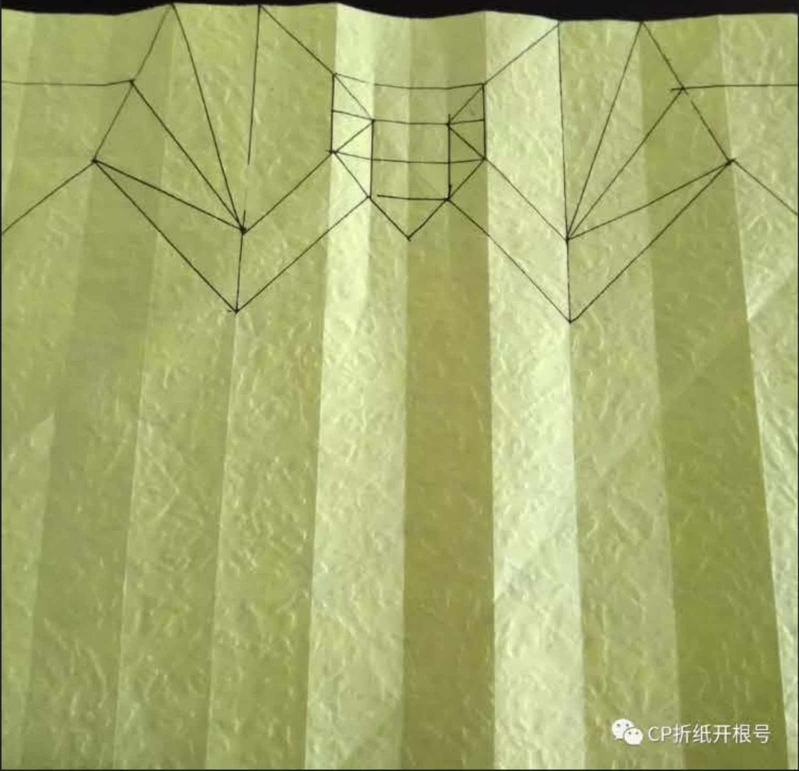
21.10.2014

Samurai Helmet Beetle 2.0

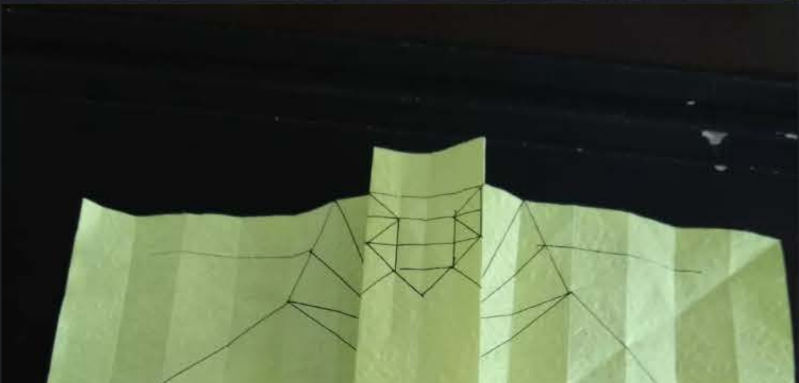
Designed by Philipp-Marius Kost



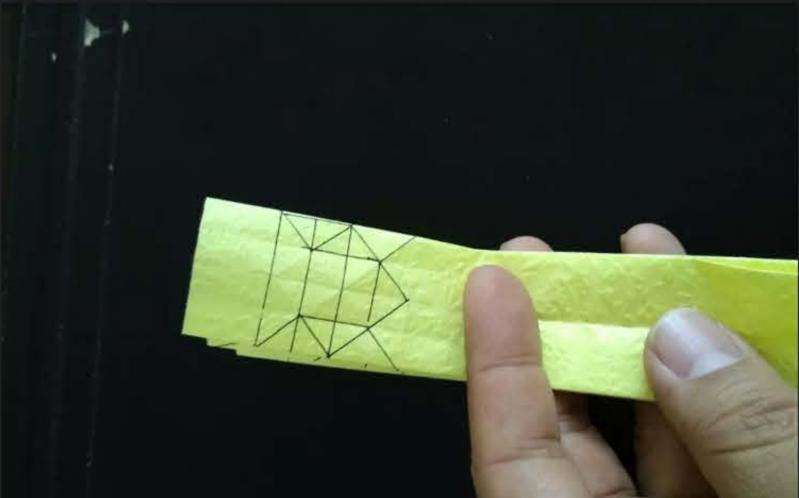
Let's talk about the first knowledge point, the branching of the corner.

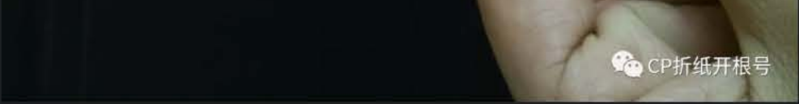


CP折纸开根号

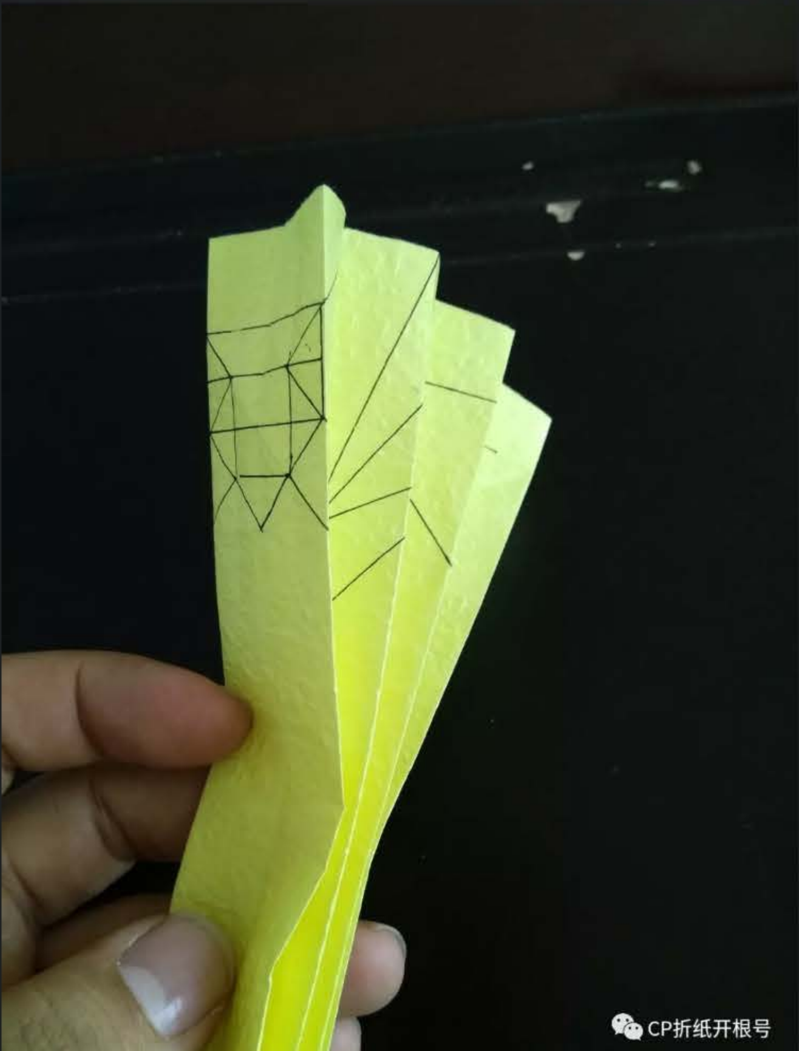


CP折纸开根号



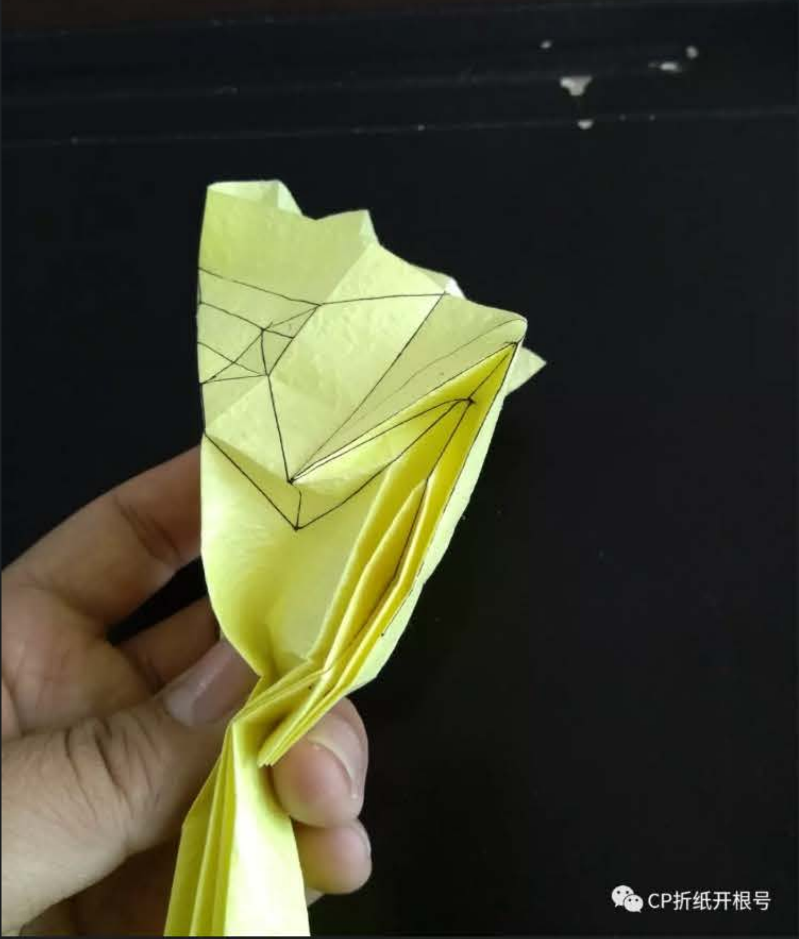


CP折纸开根号

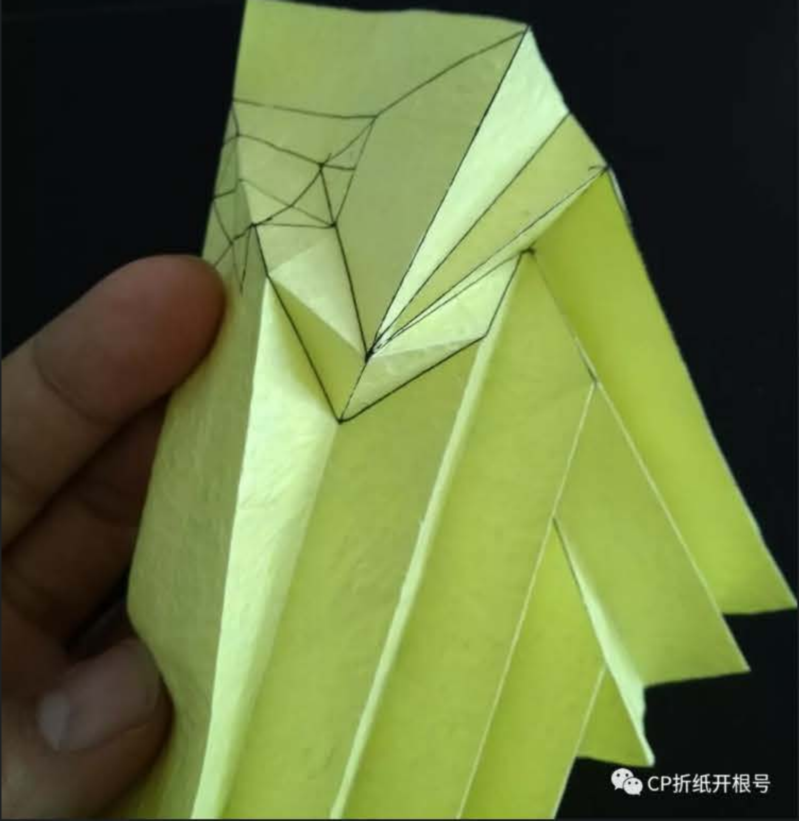


CP折纸开根号

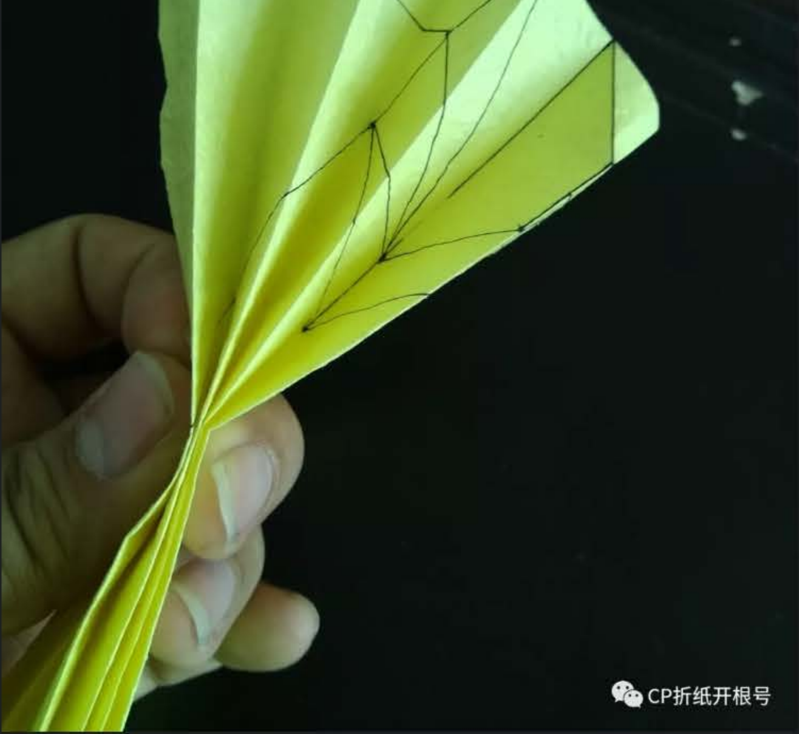
CP折纸开根号



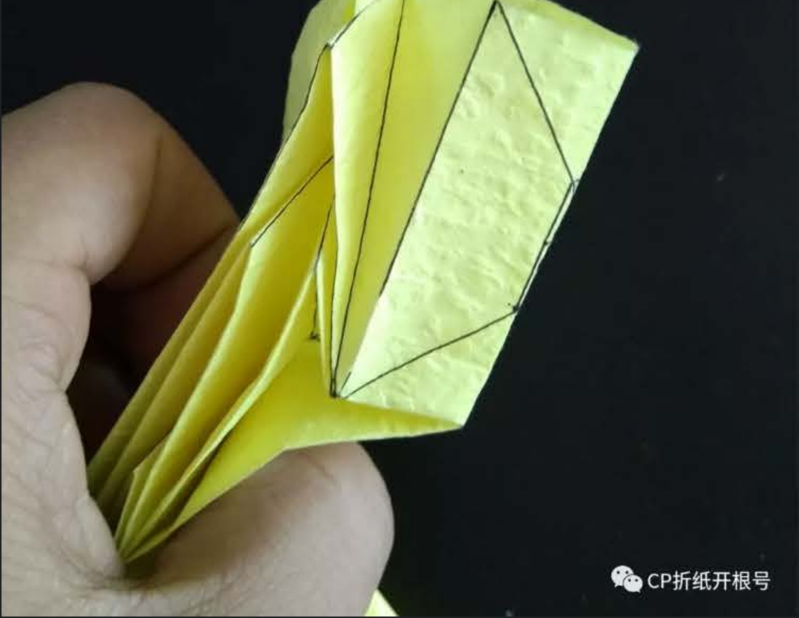
CP折纸开根号

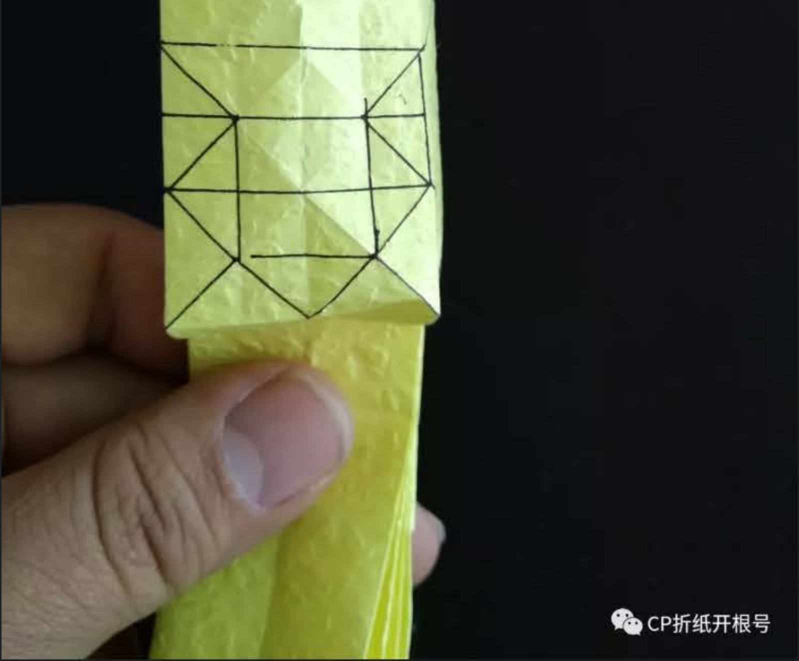

CP折纸开根号

The other side

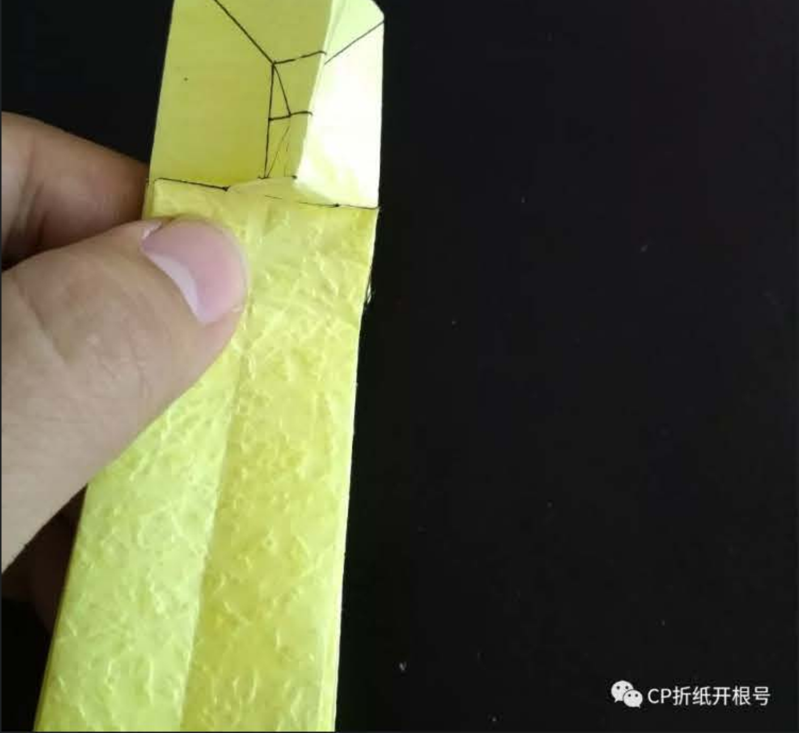


CP折纸开根号

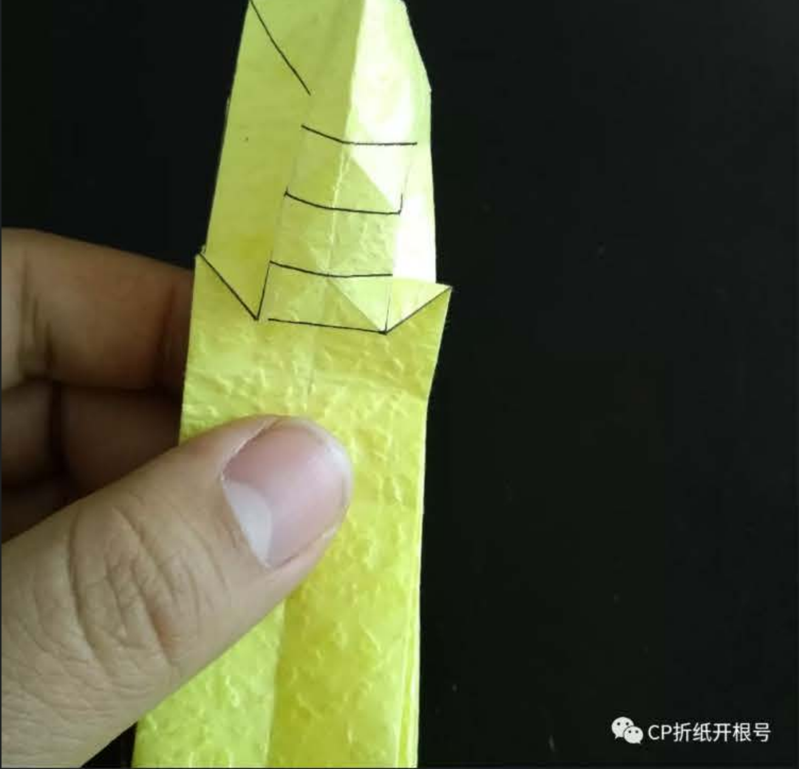

CP折纸开根号



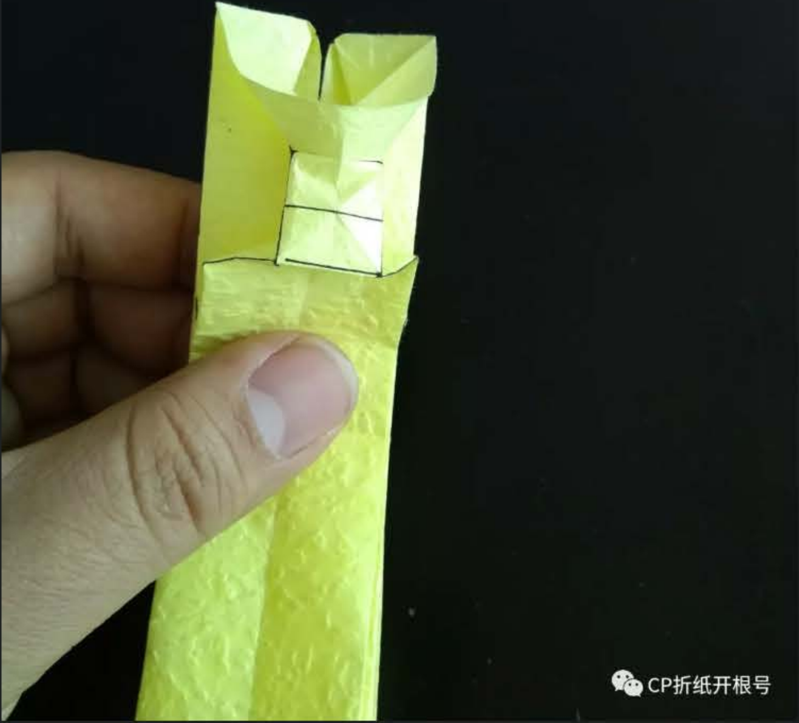
CP折纸开根号



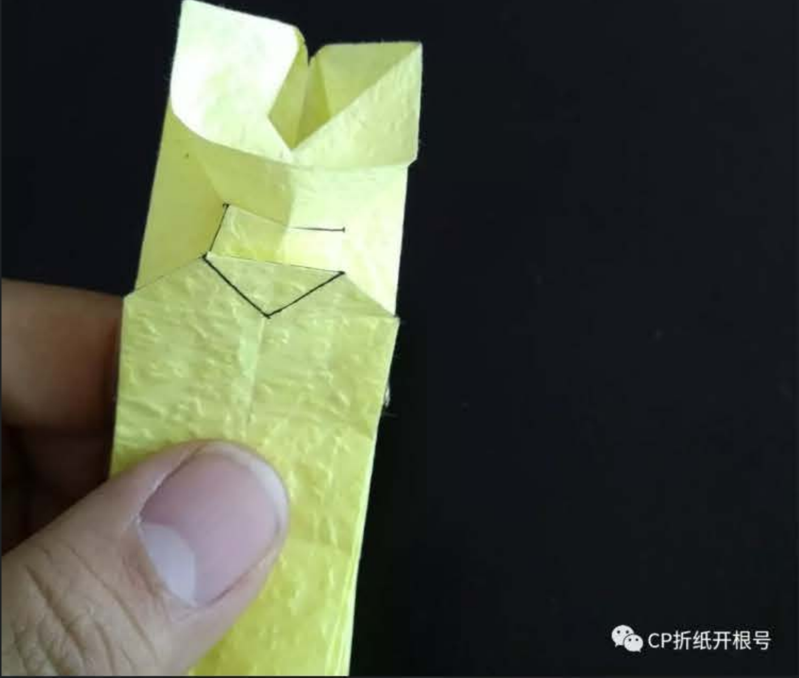
CP折纸开根号



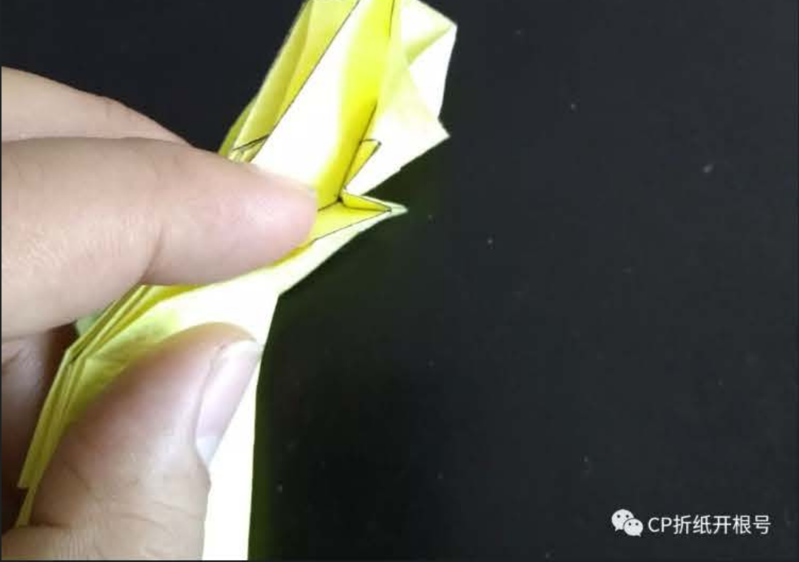
CP折纸开根号



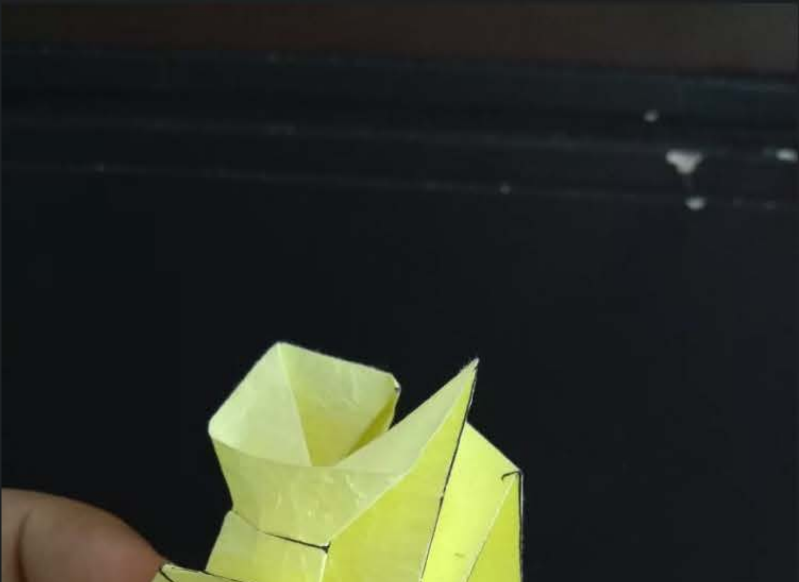
CP折纸开根号



CP折纸开根号



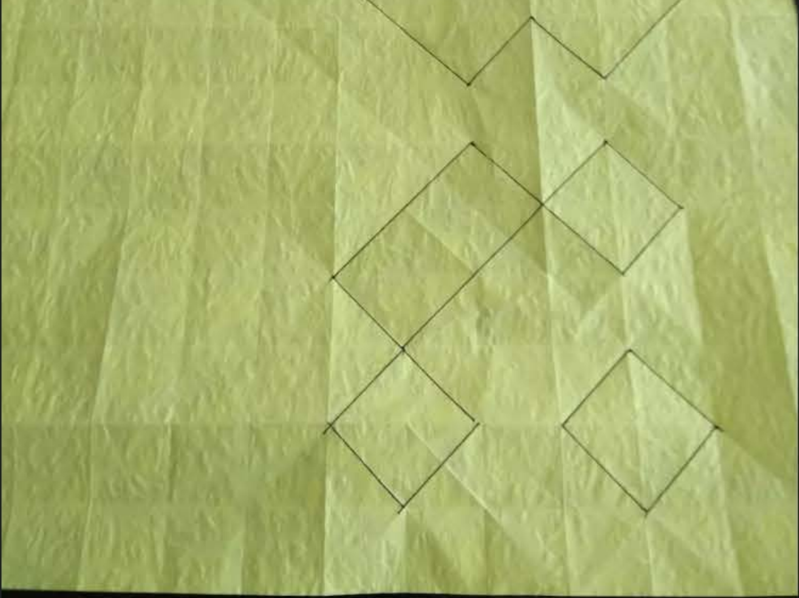
CP折纸开根号



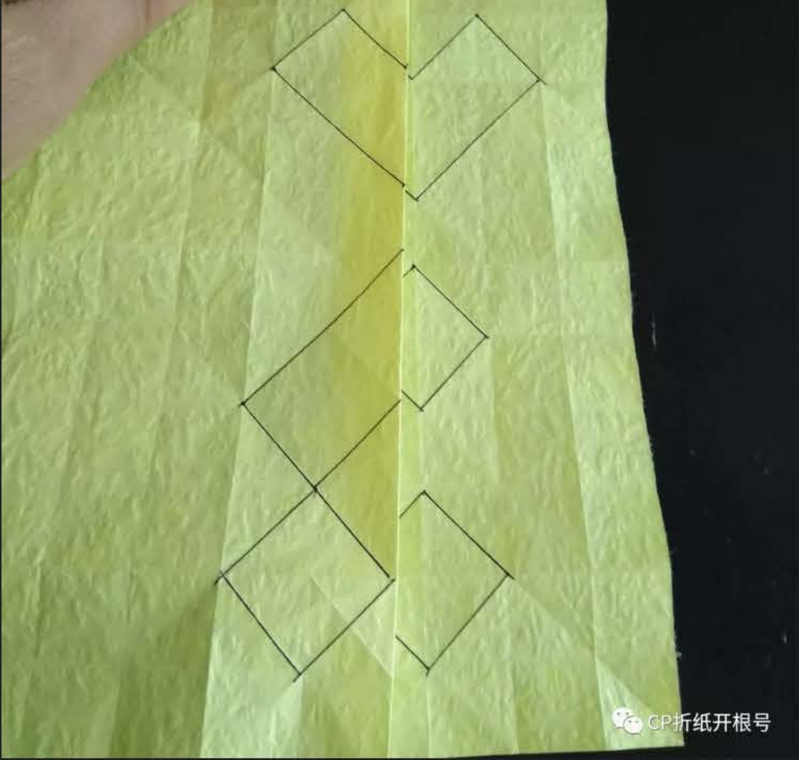
CP折纸开根号

Above, when the 45-degree line cannot be used completely, the author uses various processing methods of 1-2 vertices to solve. If you want to design your own work in the future, you must learn it, of course, there will be related design introduction in the chapter of my public account.

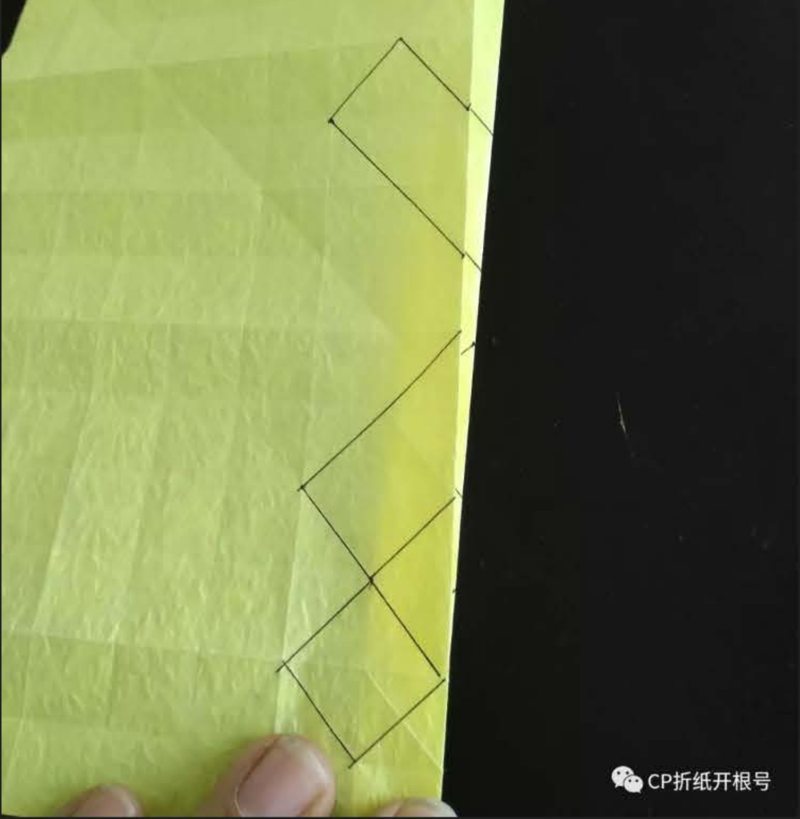
Next is the second point, the 3-1 transformation of the W structure.



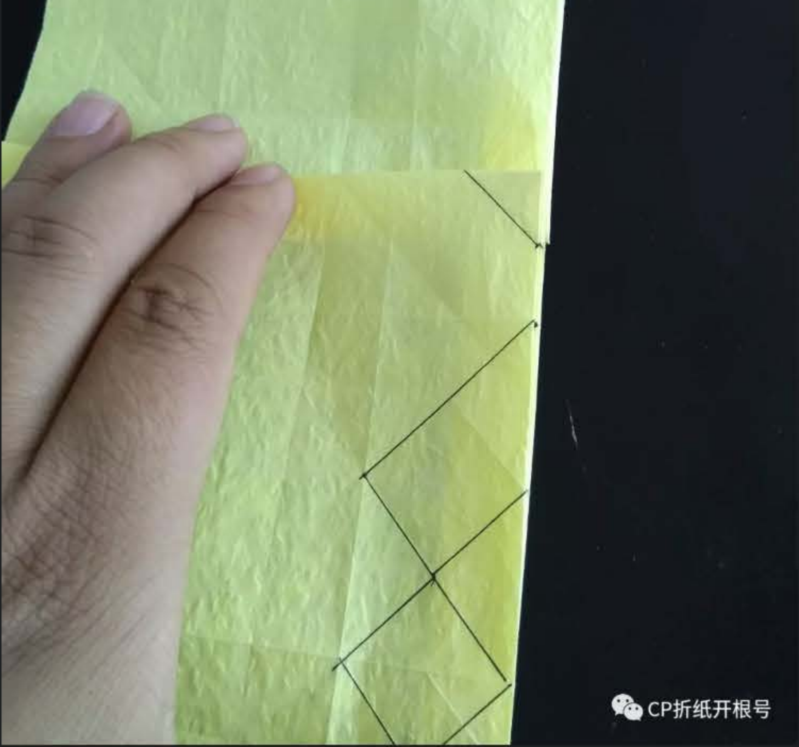
CP折纸开根号



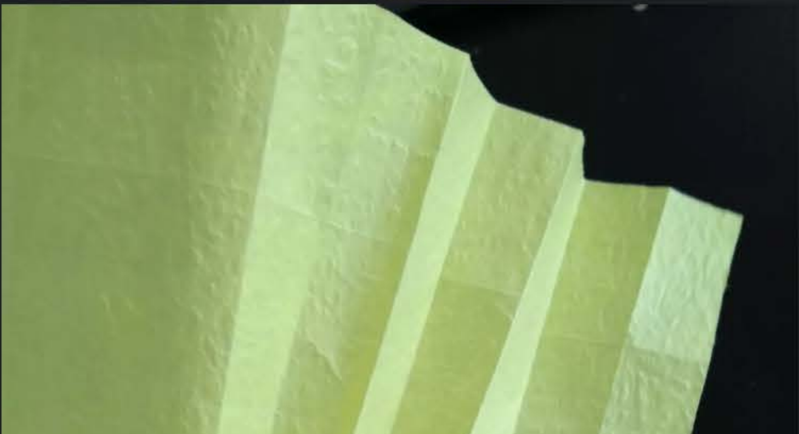
CP折纸开根号

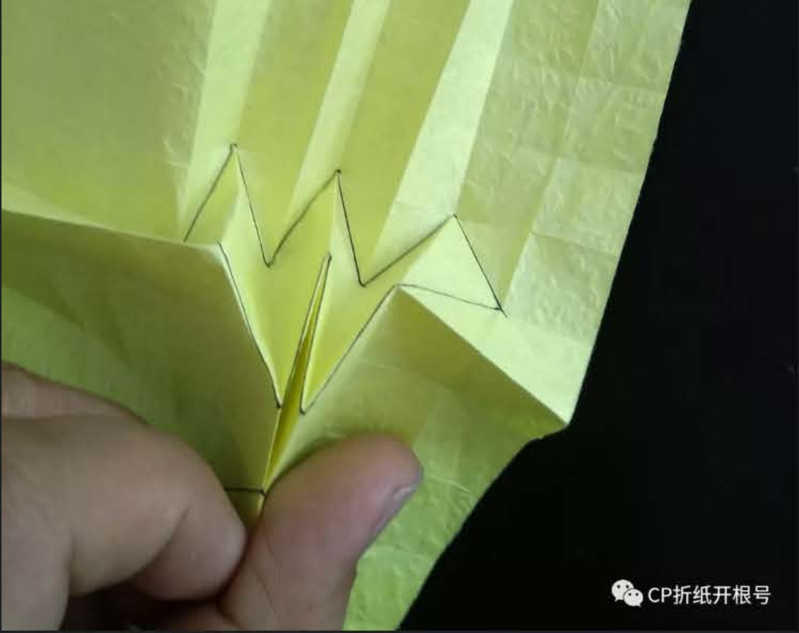


CP折纸开根号

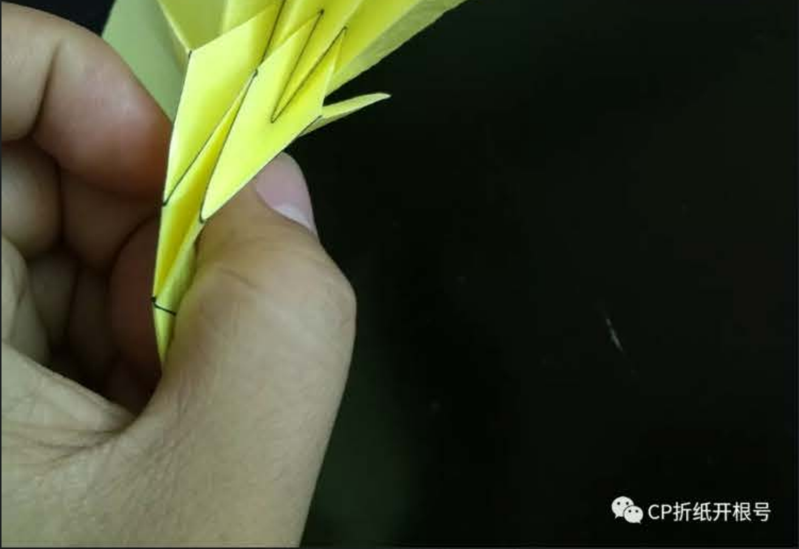


CP折纸开根号

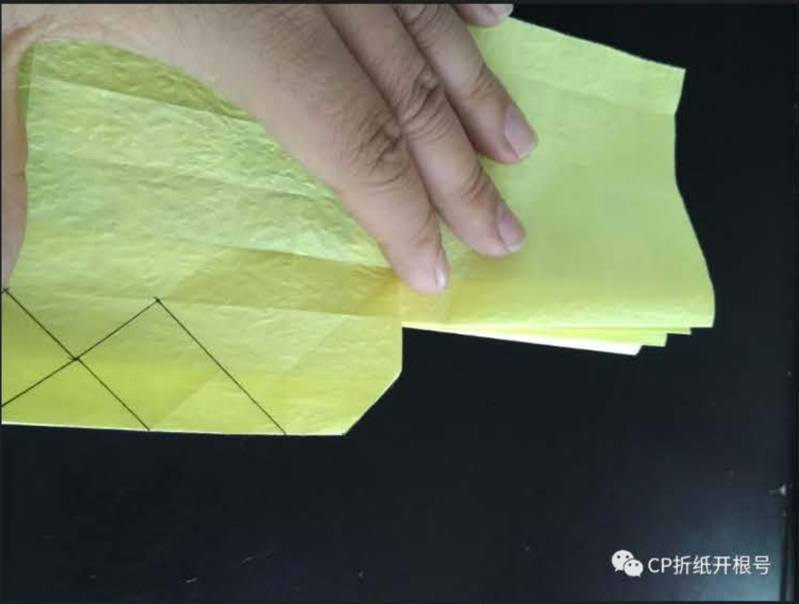




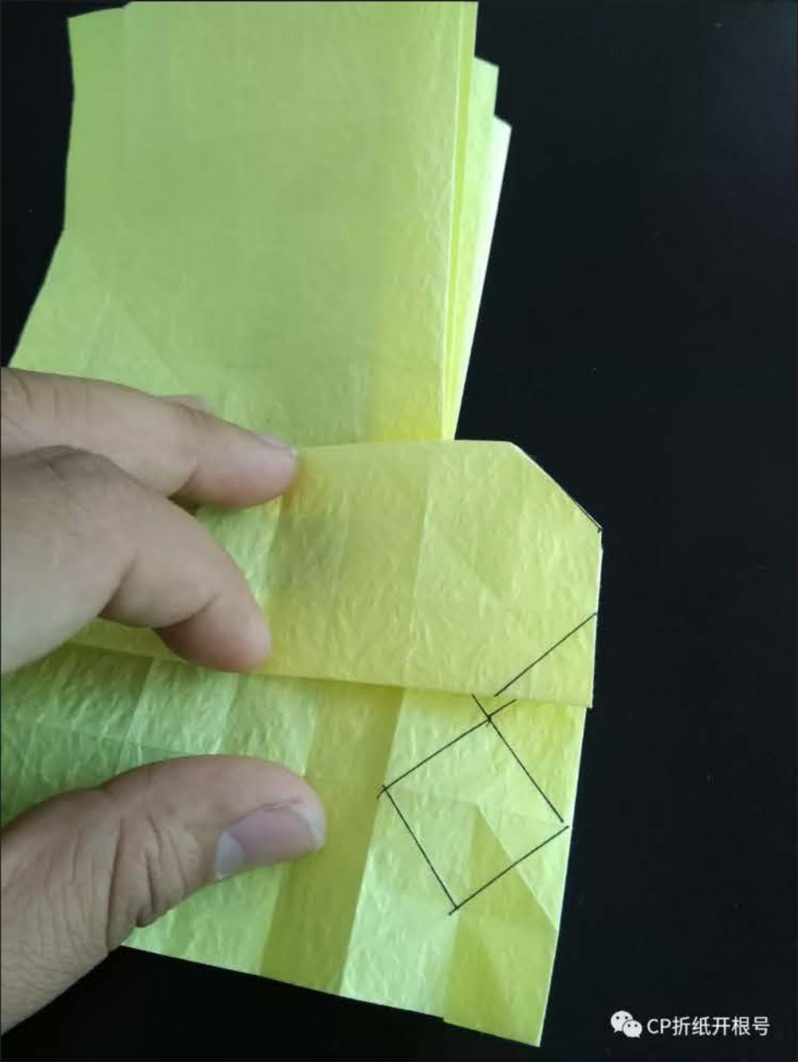
CP折纸开根号



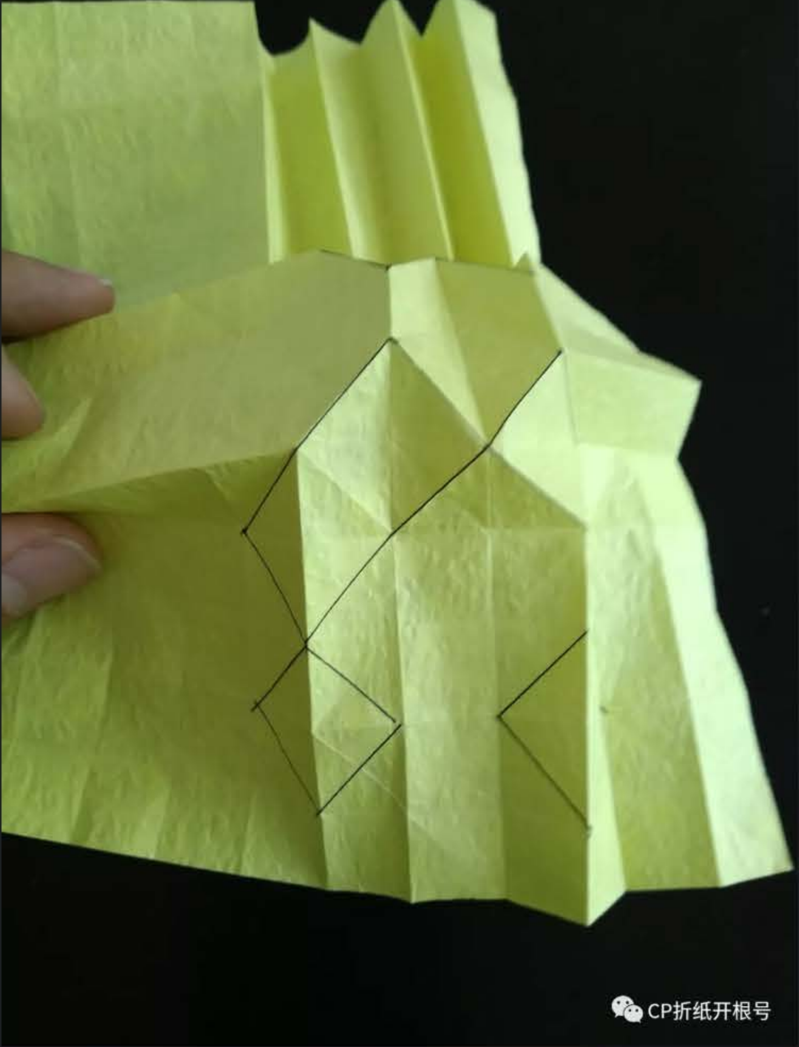
CP折纸开根号



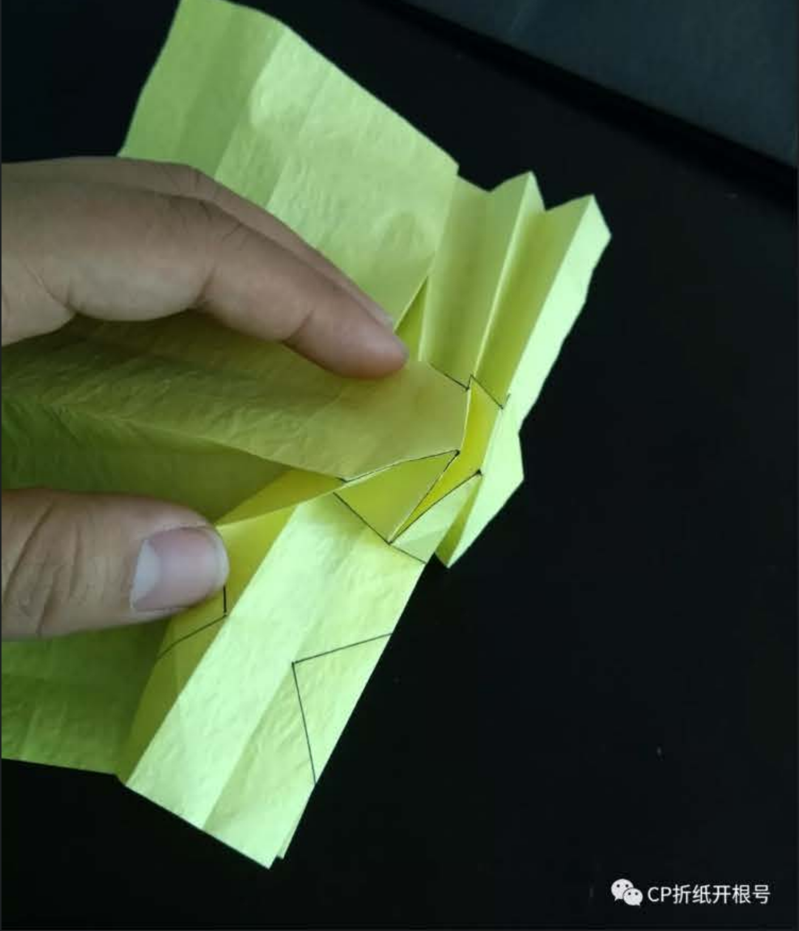
CP折纸开根号



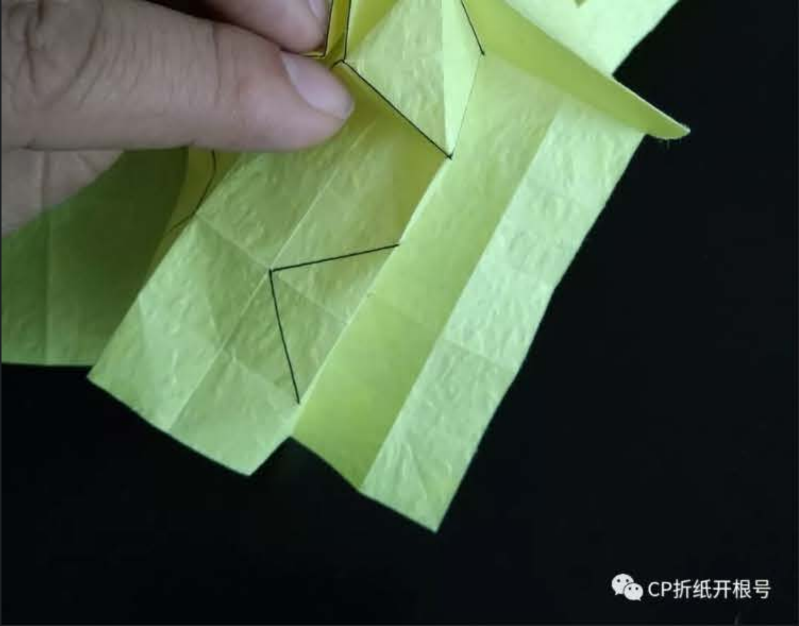
CP折纸开根号

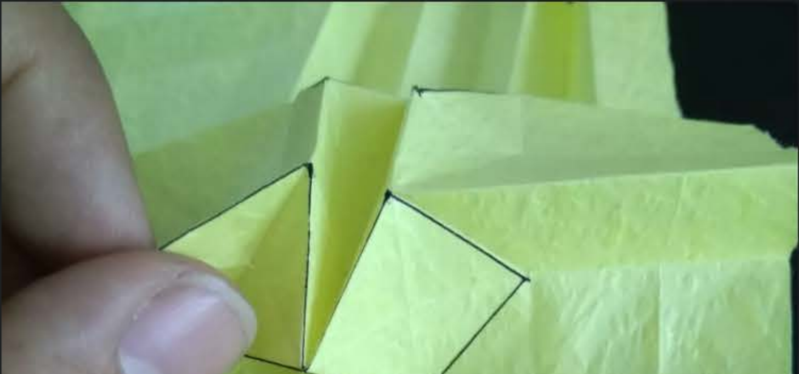


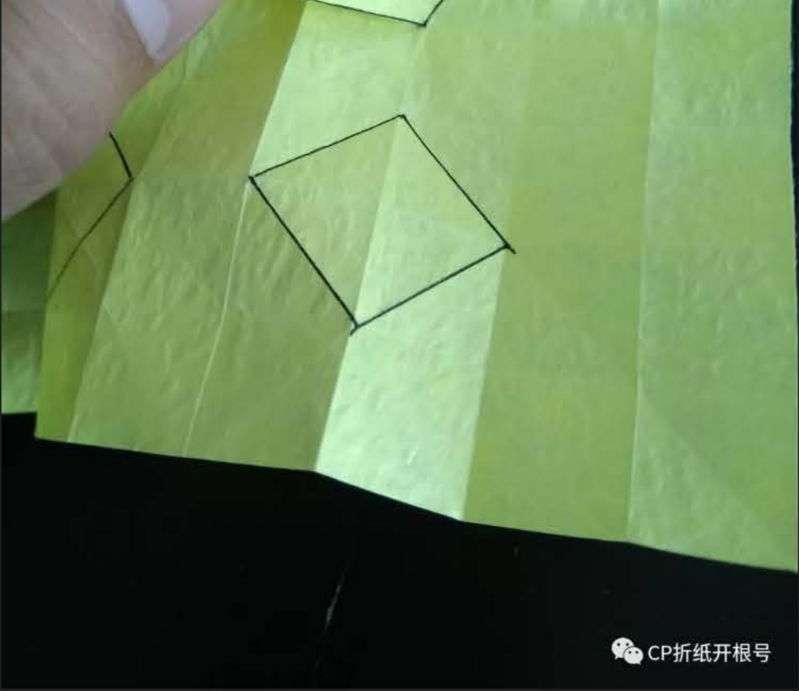
CP折纸开根号



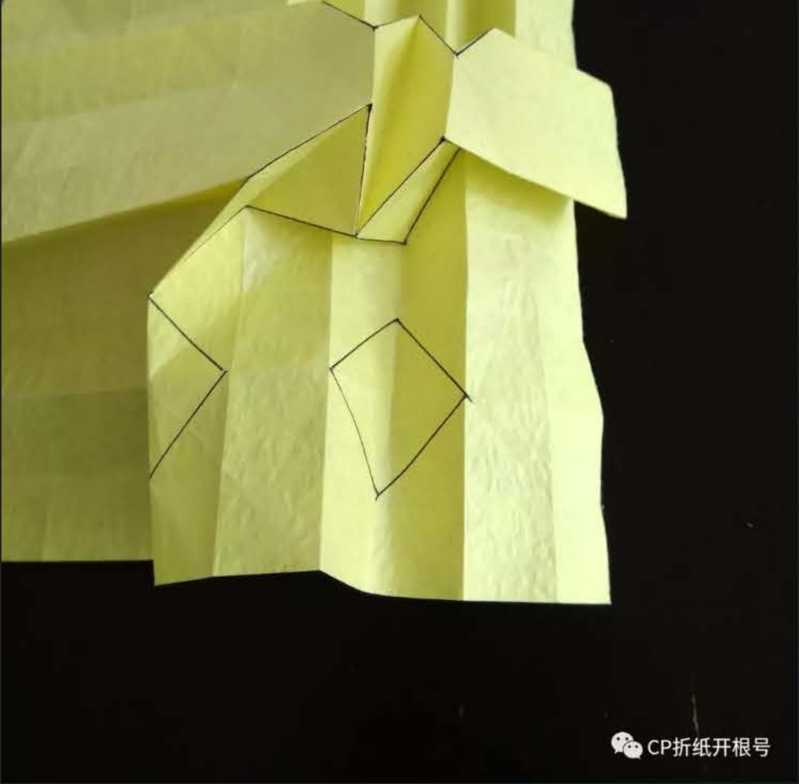
CP折纸开根号



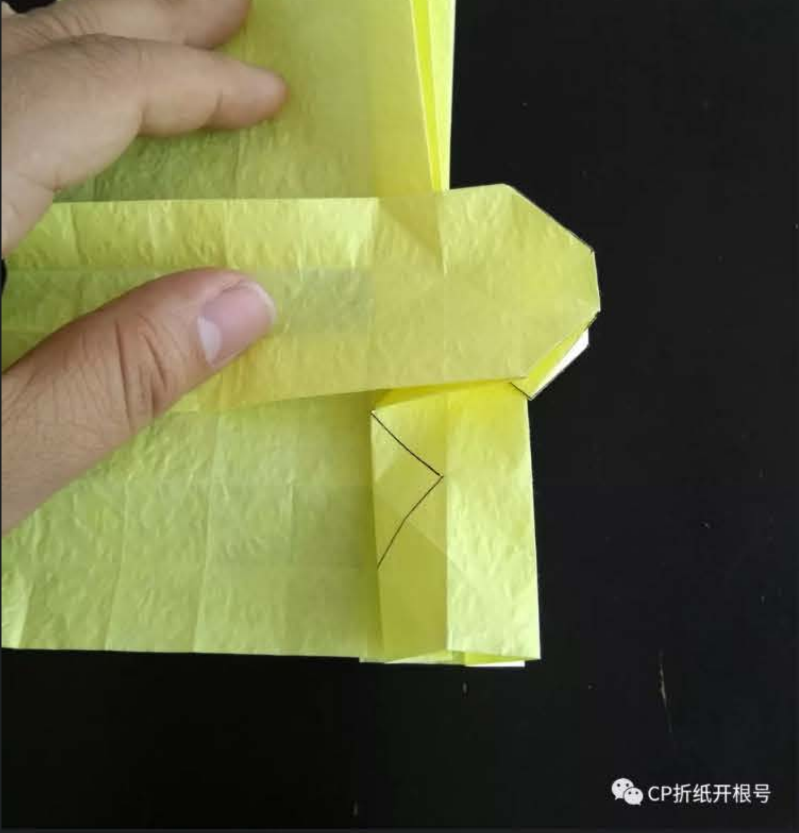


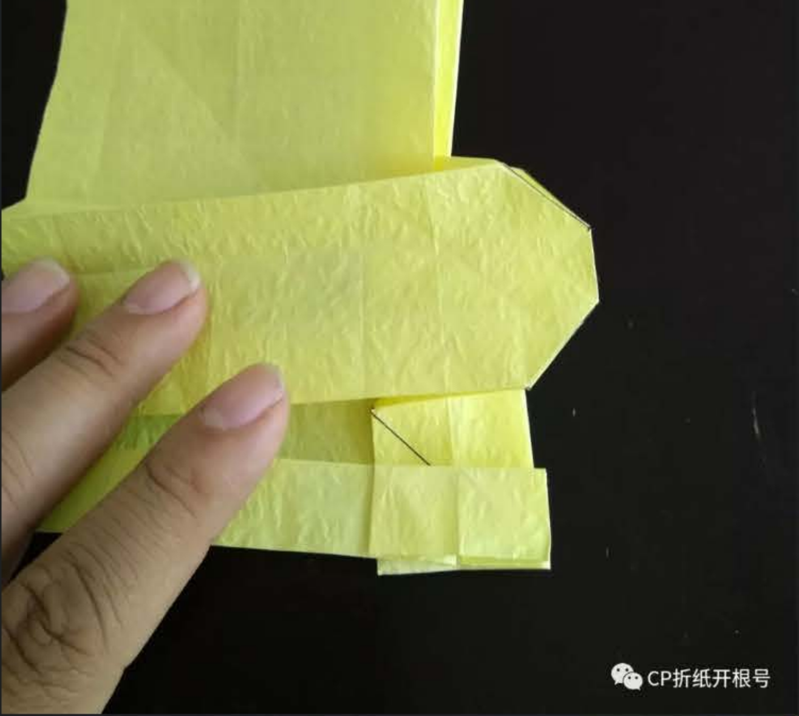


CP折纸开根号

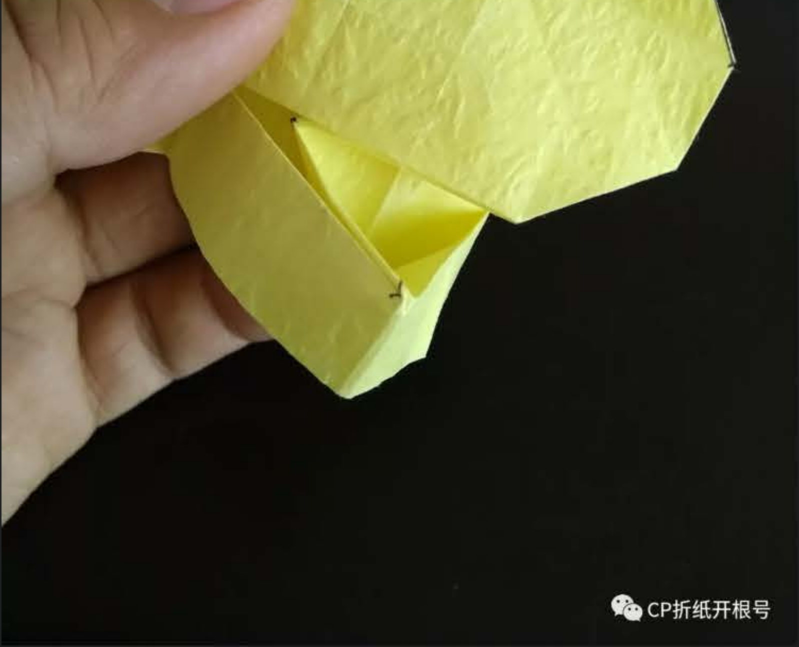


CP折纸开根号



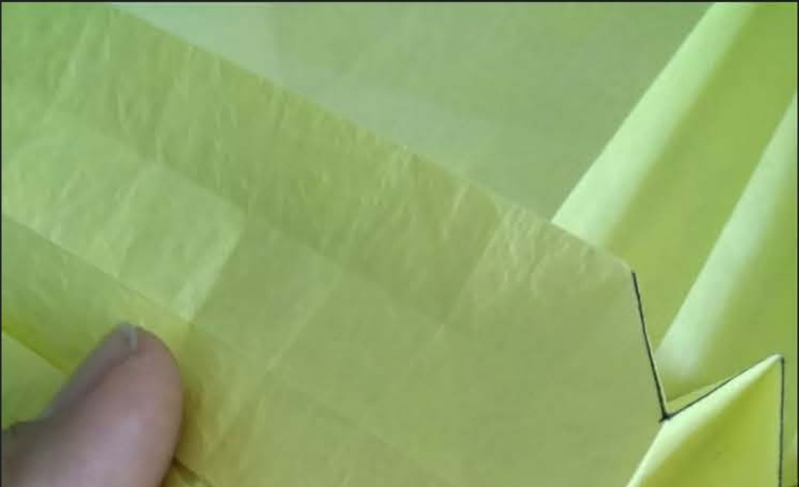


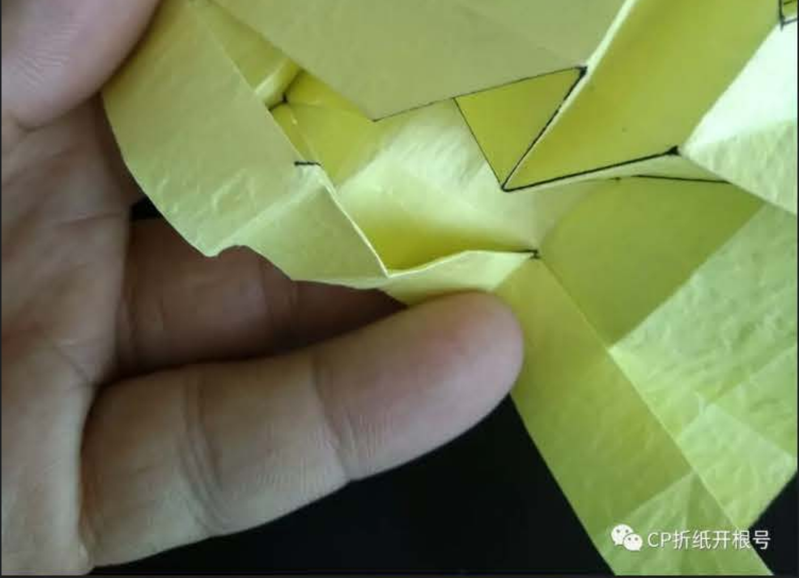
CP折纸开根号



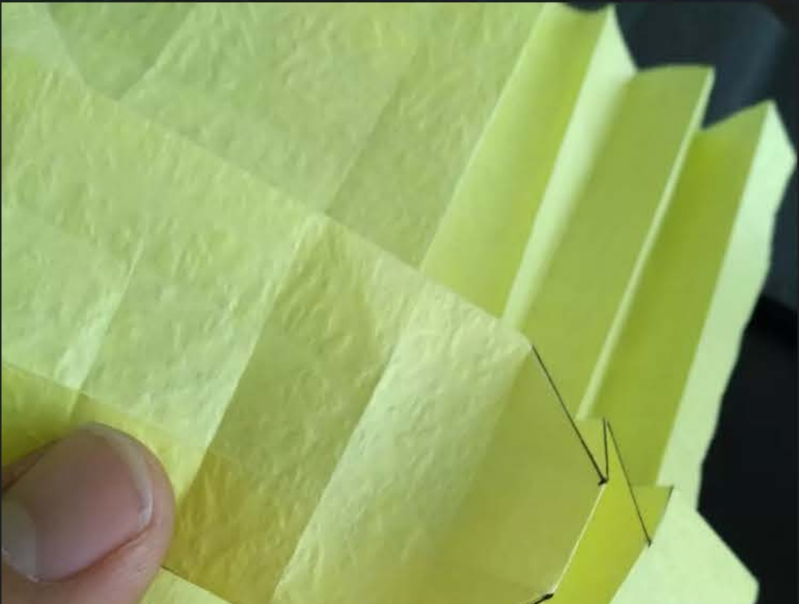
CP折纸开根号

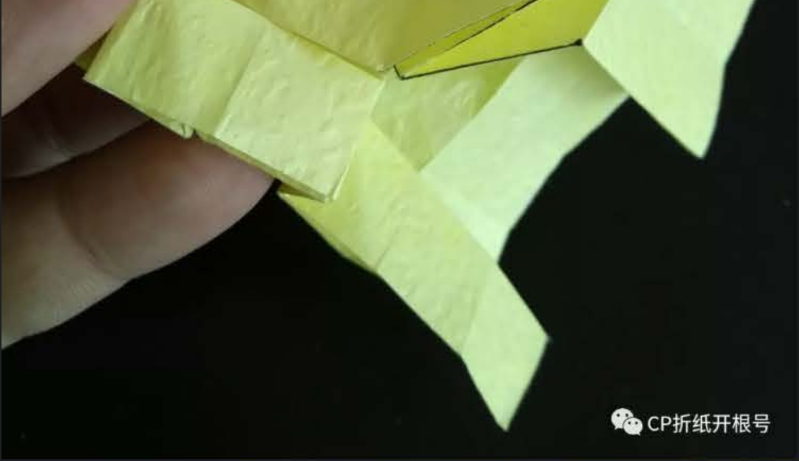
CP折纸开根号



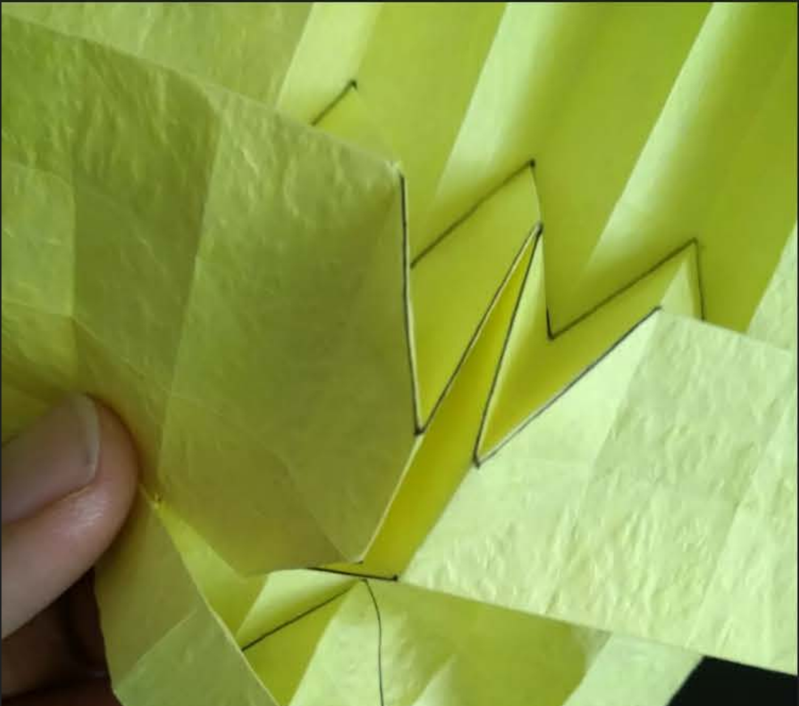


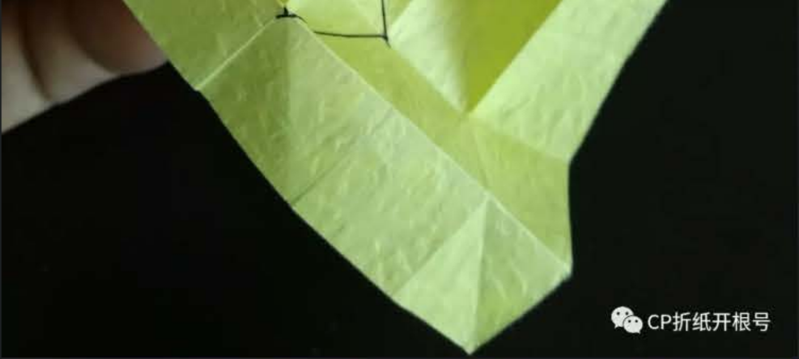
CP折纸开根号



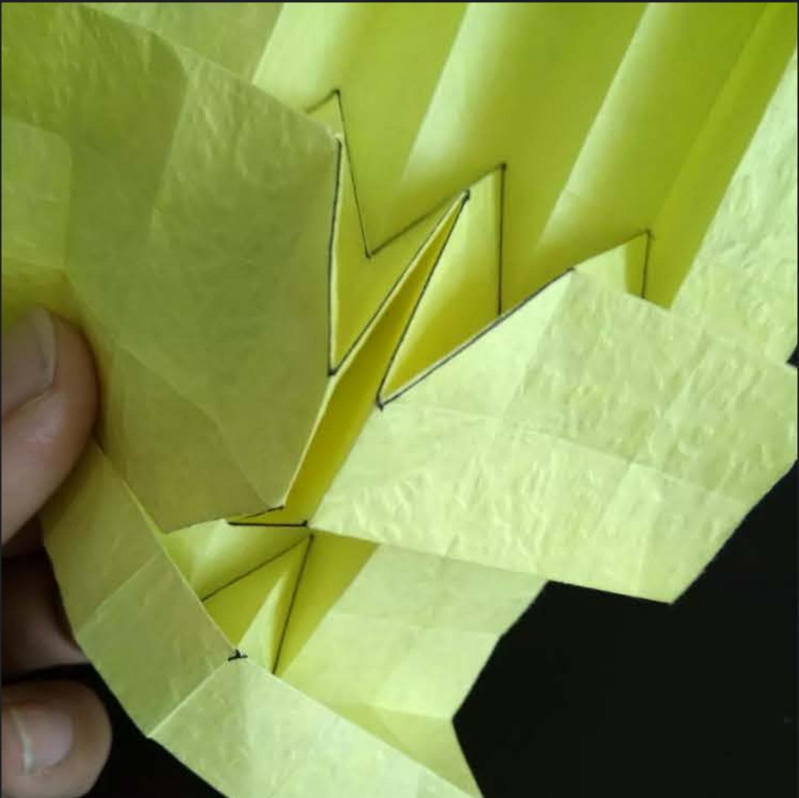


CP折纸开根号

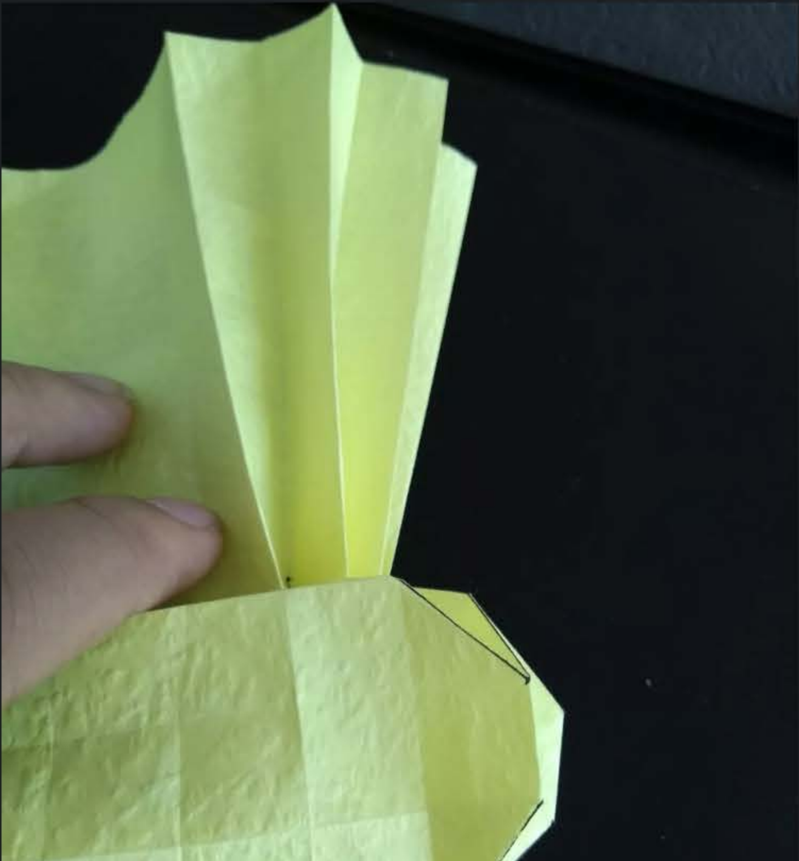




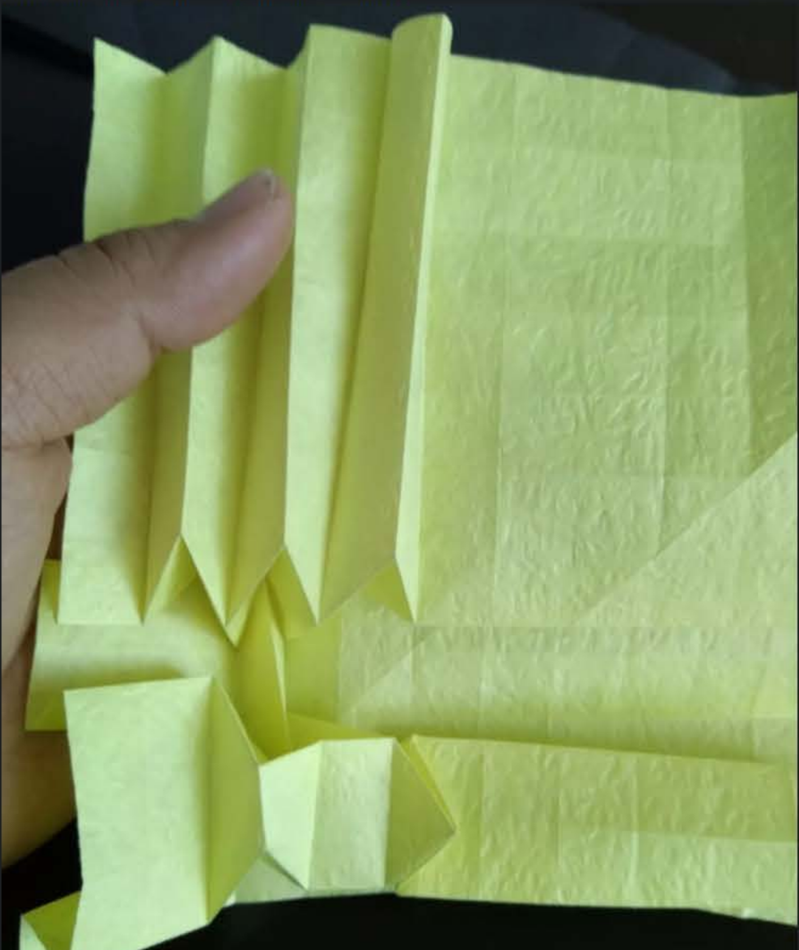
CP折纸开根号



CP折纸开根号

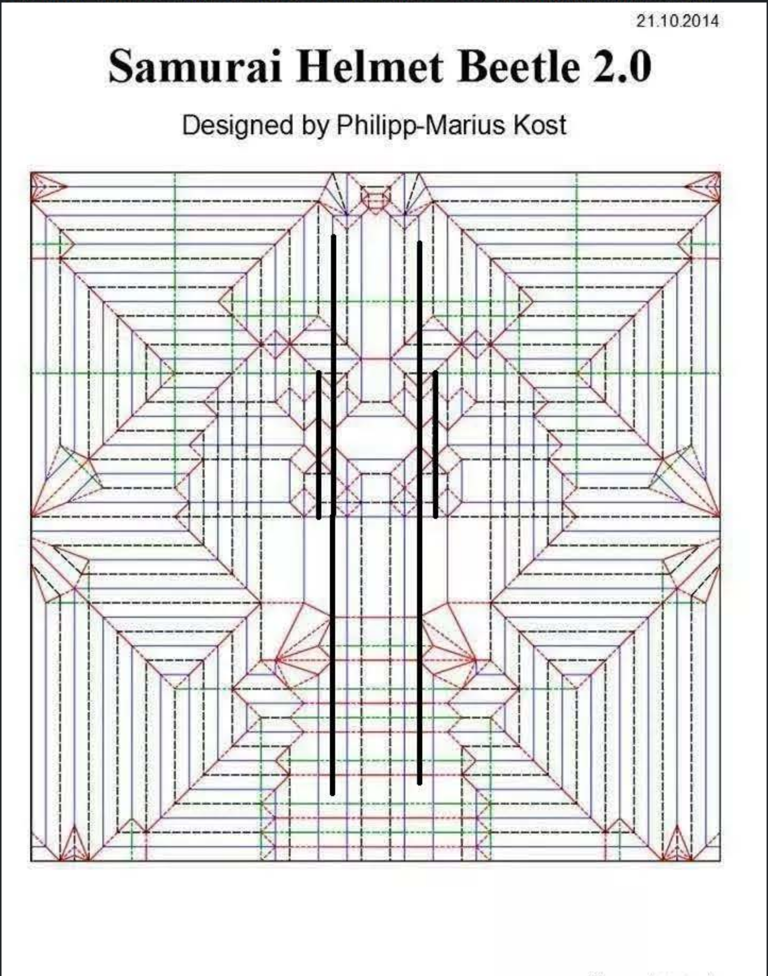


The inside view of the rear view is as follows.



CP折纸开根号

Below we start the aggregation, the first step is the vertical peaks and valleys.



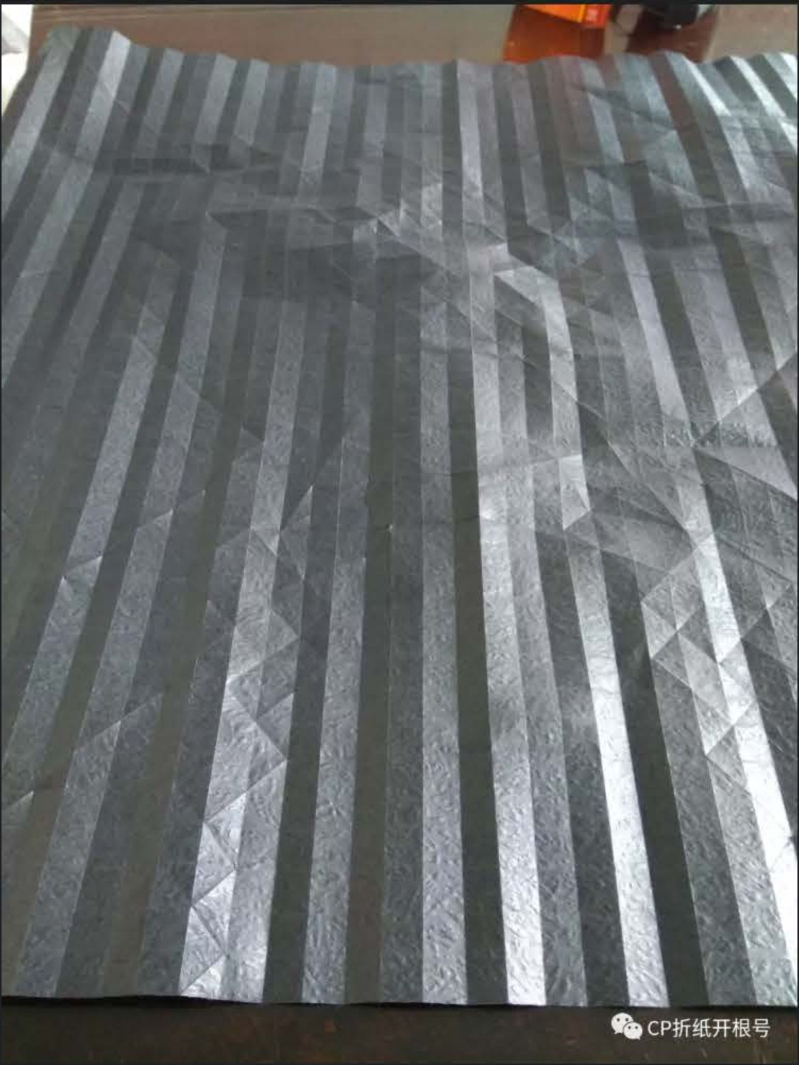
21.10.2014

Samurai Helmet Beetle 2.0

Designed by Philipp-Marius Kost

CP折纸开根号

Drawn with Inkscape



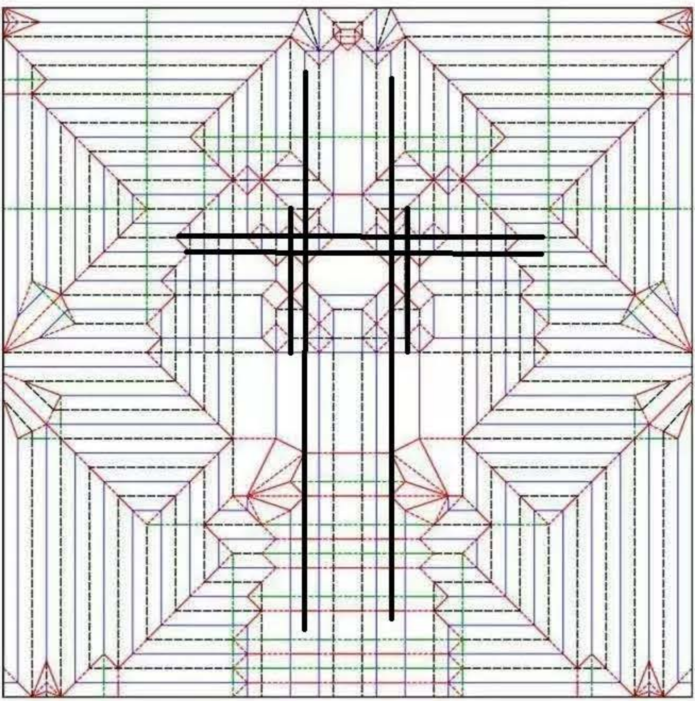
CP折纸开根号

Then there is the horizontal lock structure. Here we should pay attention to the horizontal position.

21.10.2014

Samurai Helmet Beetle 2.0

Designed by Philipp-Marius Kost



CP折纸开根号

Drawn with Inkscape

CP折纸开根号

CP折纸开根号

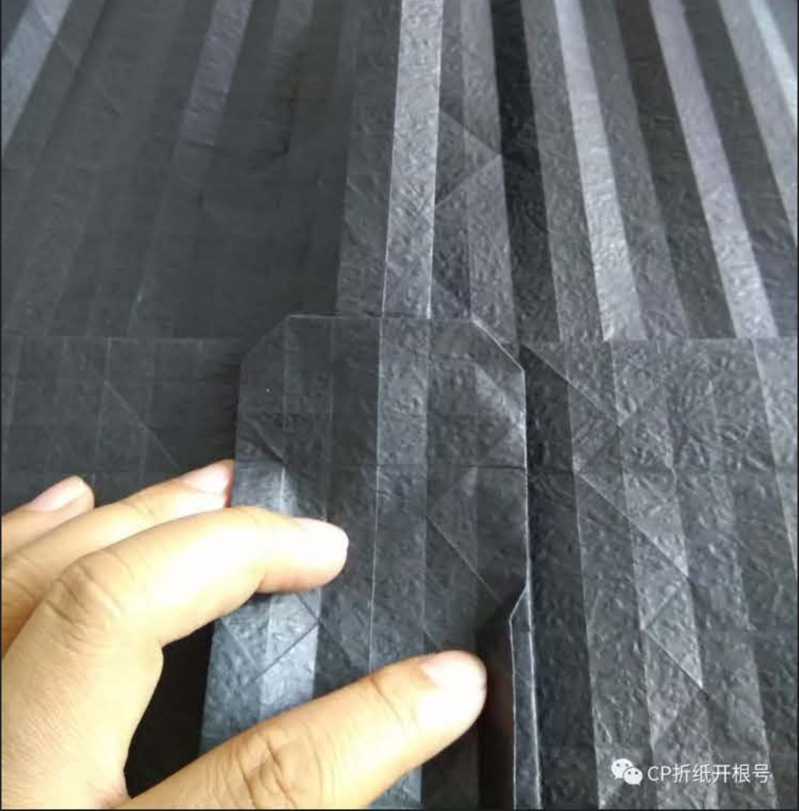
CP折纸开根号

CP折纸开根号

W structure transformation

CP折纸开根号

CP折纸开根号



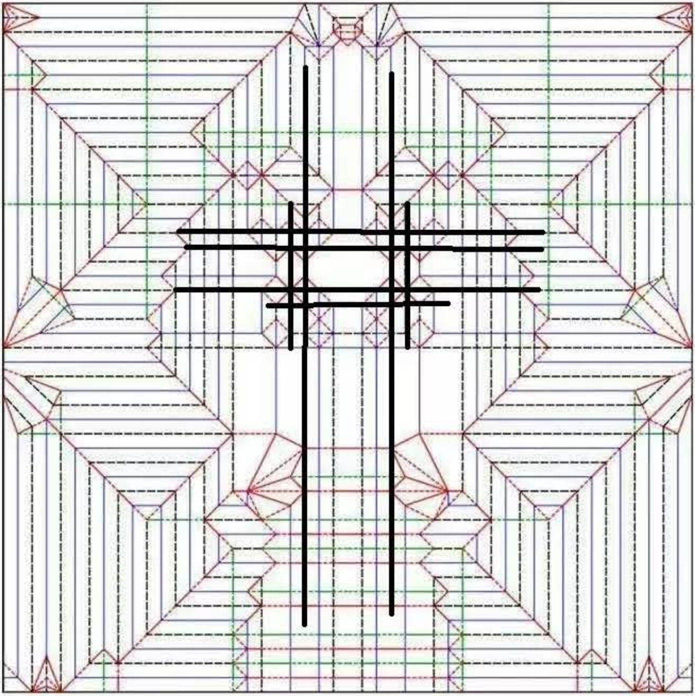
CP折纸开根号

The second row of lateral lock structure.

21.10.2014

Samurai Helmet Beetle 2.0

Designed by Philipp-Marius Kost



CP折纸开根号

Drawn with Inkscape

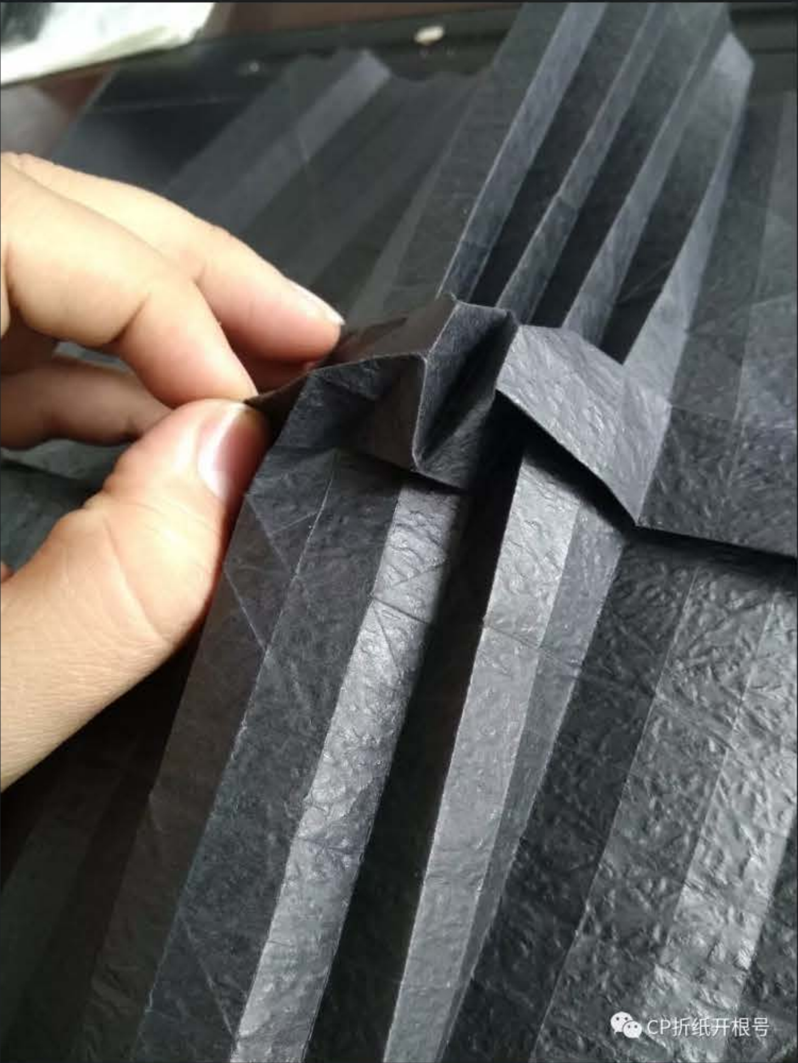
CP折纸开根号

CP折纸开根号

CP折纸开根号

CP折纸开根号

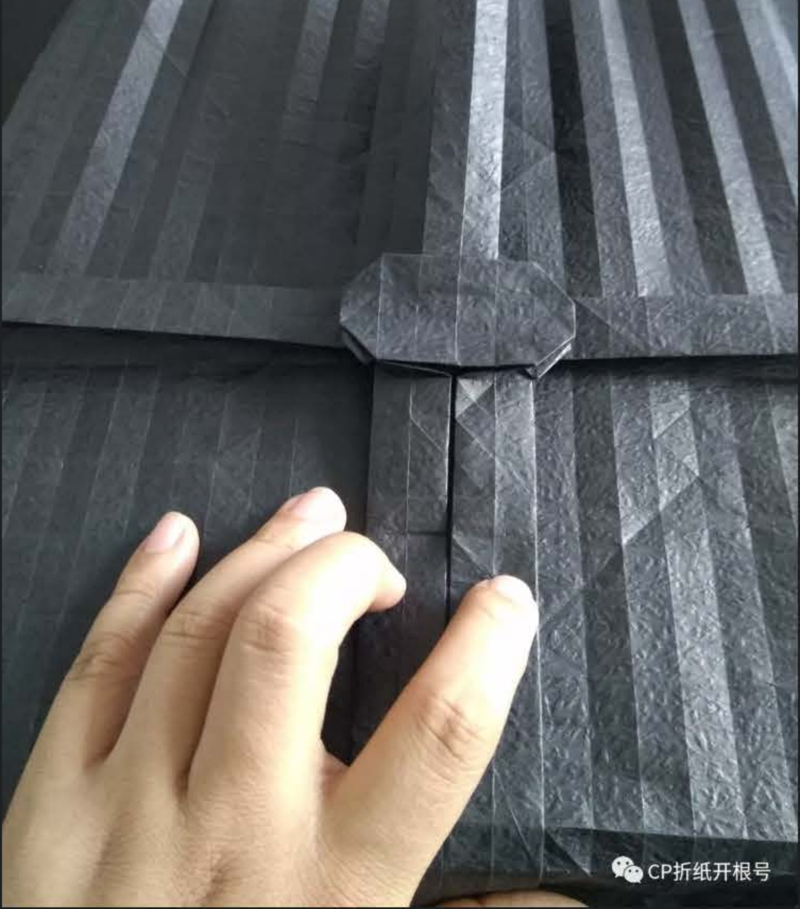
CP折纸开根号



CP折纸开根号

CP折纸开根号

CP折纸开根号



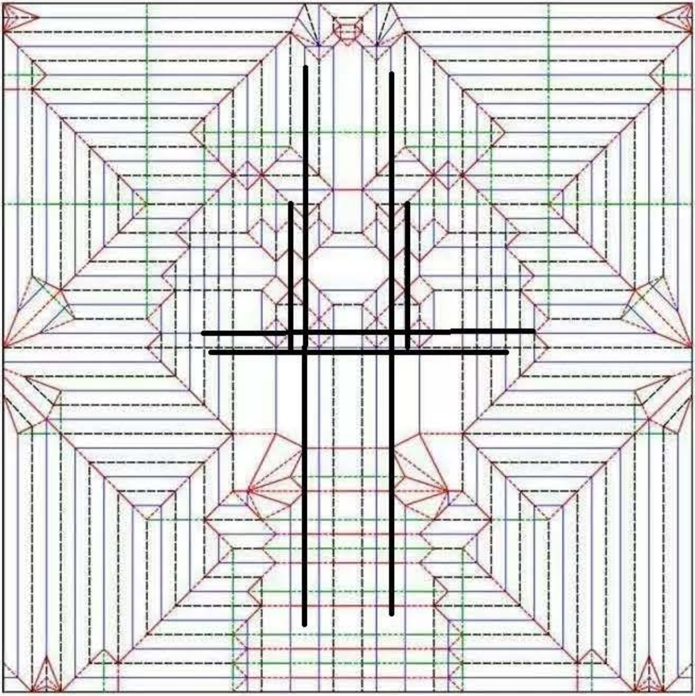
CP折纸开根号

Third row of horizontal lock structure

21.10.2014

Samurai Helmet Beetle 2.0

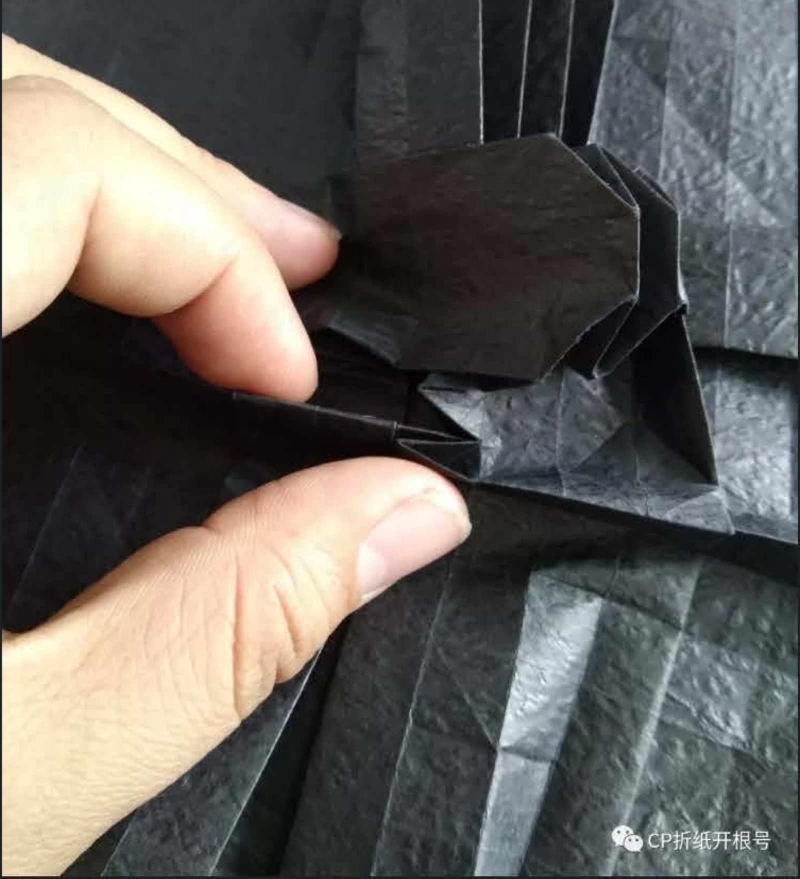
Designed by Philipp-Marius Kost



CP折纸开根号

CP折纸开根号

CP折纸开根号



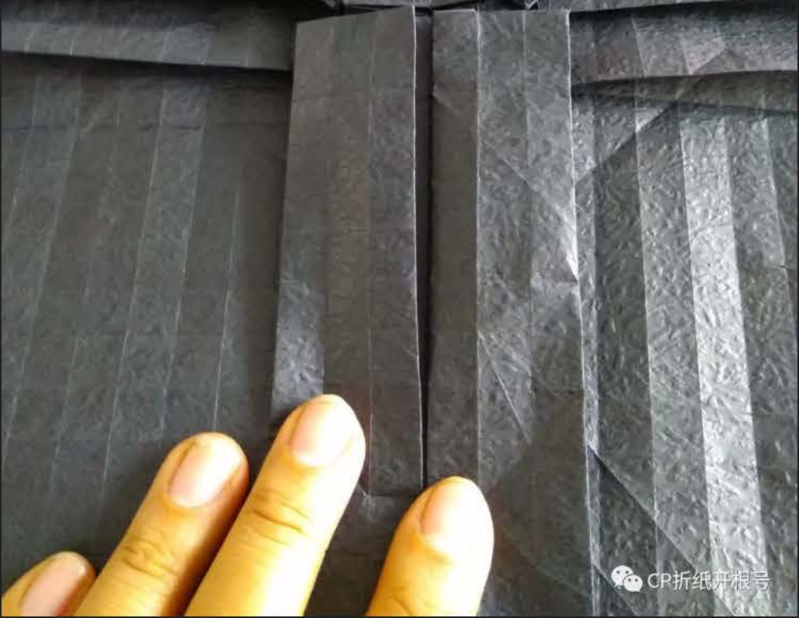
CP折纸开根号

CP折纸开根号

CP折纸开根号

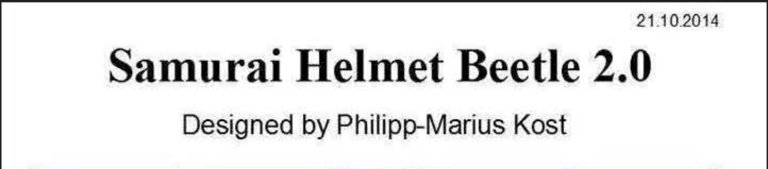
CP折纸开根号

CP折纸开根号



CP折纸开根号

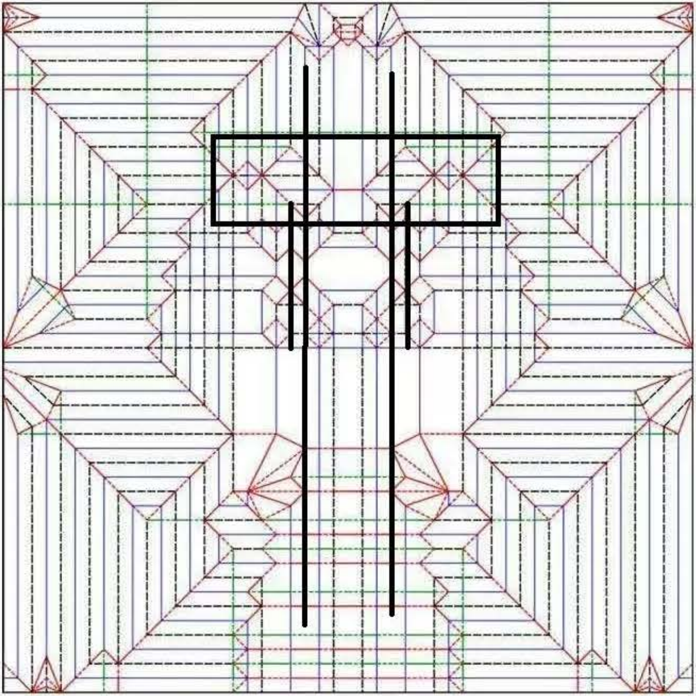
Next, the structure of the connection graphics inside the head is processed. For details about the folding method, see Cp Warm Knowledge.



21.10.2014

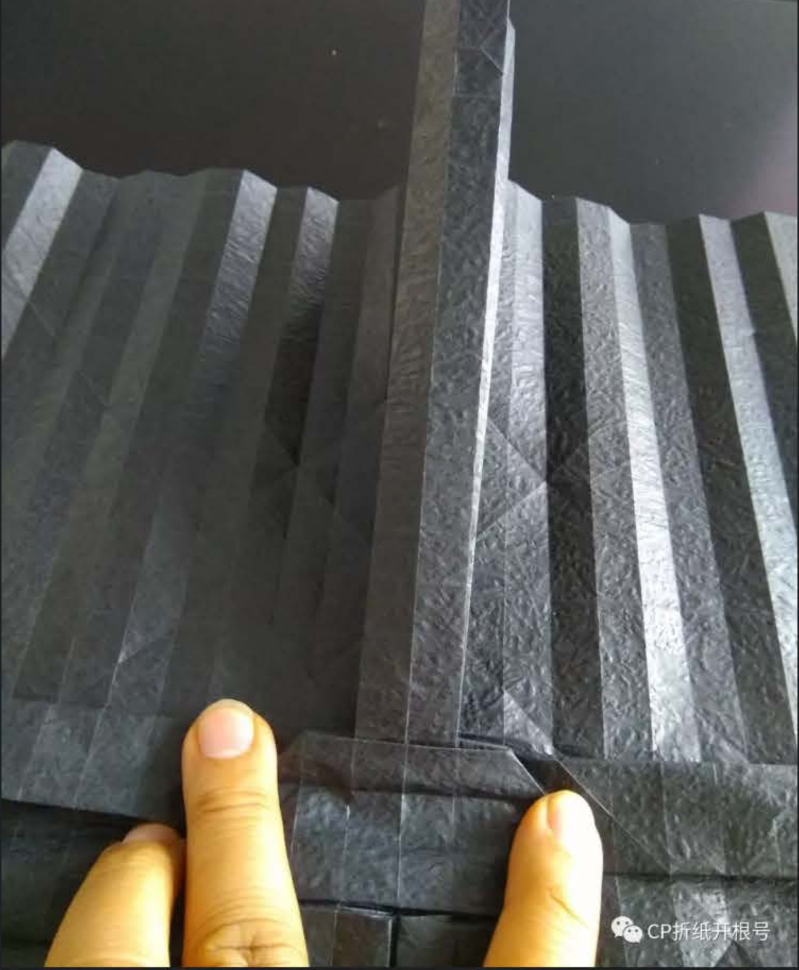
Samurai Helmet Beetle 2.0

Designed by Philipp-Marius Kost



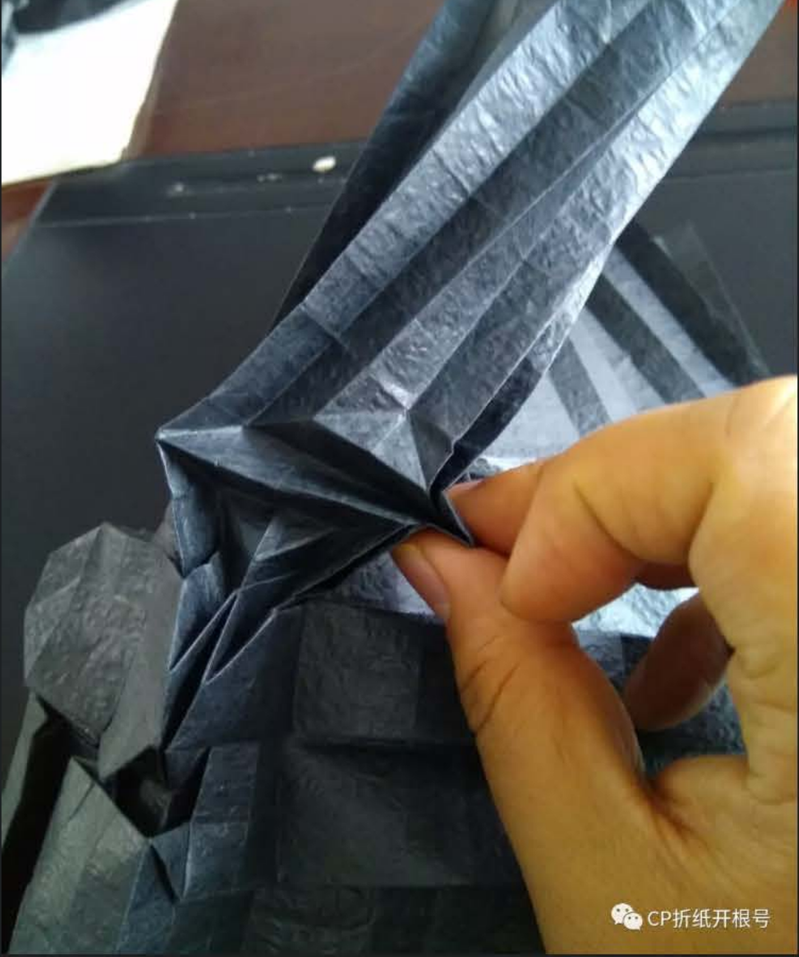
CP折纸开根号

Drawn with Inkscape



CP折纸开根号

CP折纸开根号

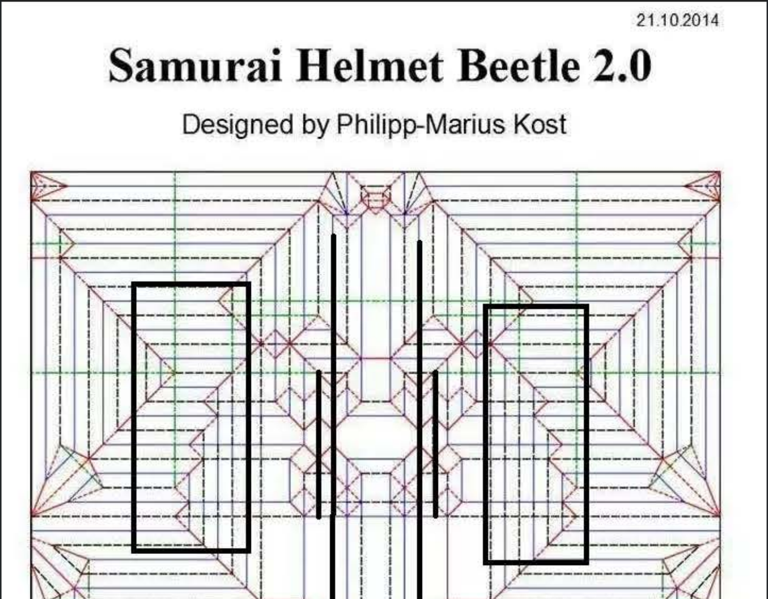


CP折纸开根号

Here we look at the back to avoid mistakes.

CP折纸开根号

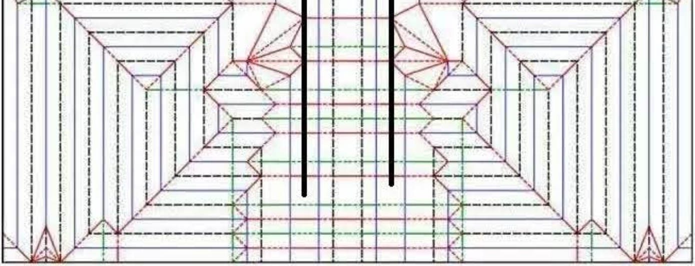
Next, both sides are retracted towards the center while processing the sawtooth structure.



21.10.2014

Samurai Helmet Beetle 2.0

Designed by Philipp-Marius Kost



CP折纸开根号

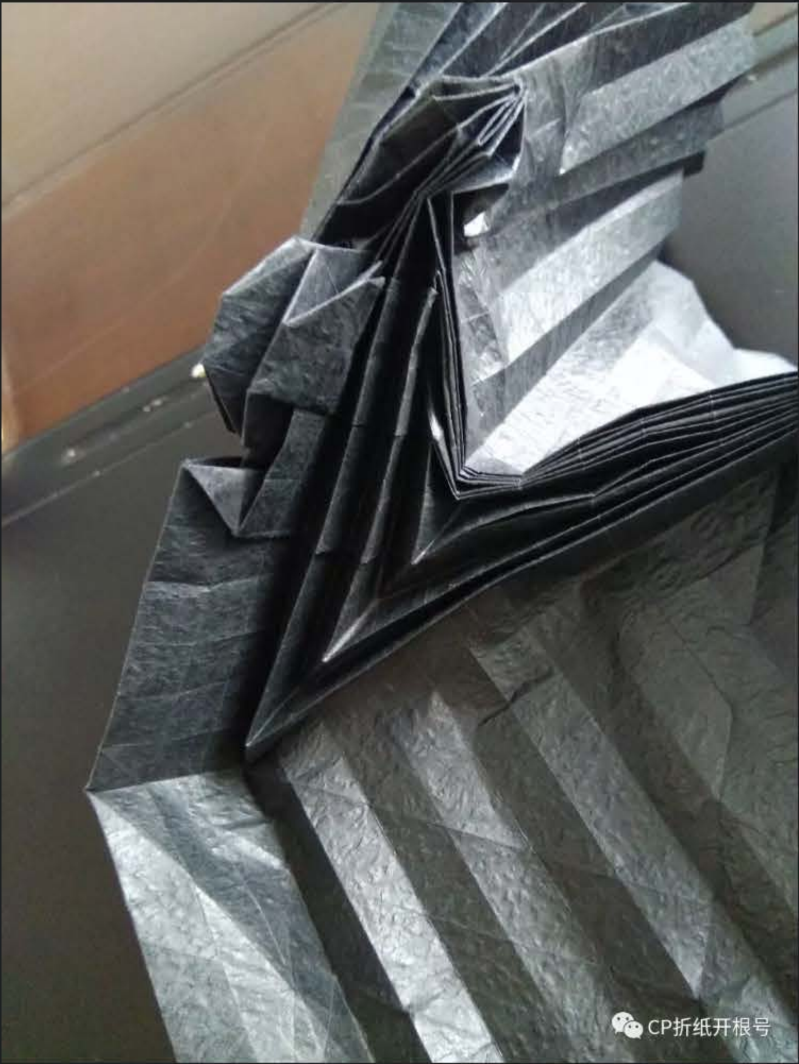
Drawn with Inkscape

CP折纸开根号

CP折纸开根号

CP折纸开根号

CP折纸开根号



CP折纸开根号

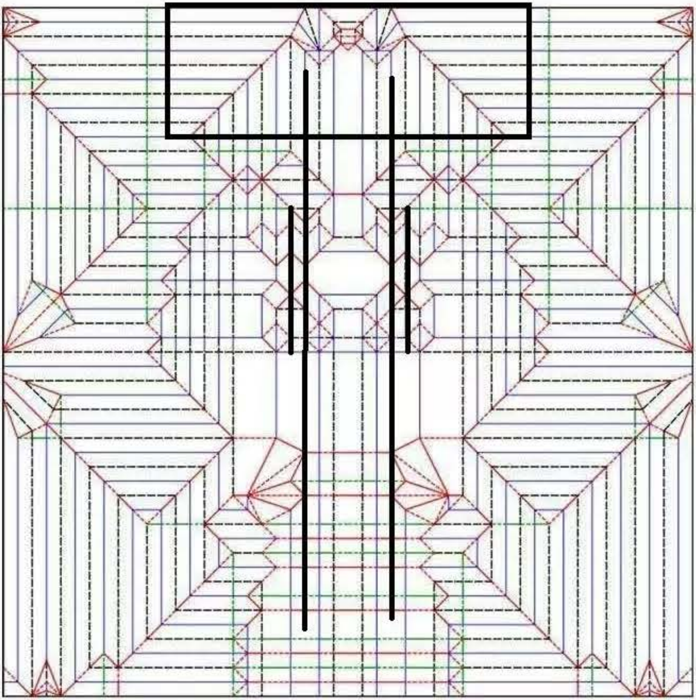
CP折纸开根号

Let's start processing the horn, the horn of the unicorn.

21.10.2014

Samurai Helmet Beetle 2.0

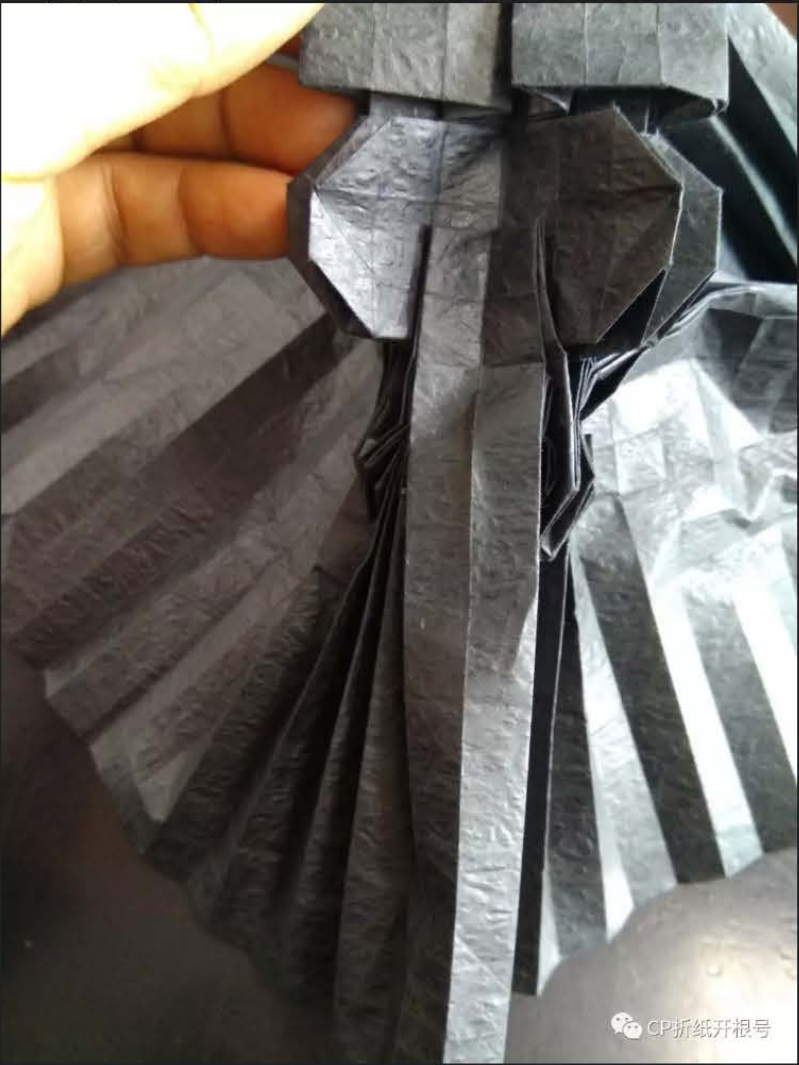
Designed by Philipp-Marius Kost



CP折纸开根号

Drawn with Inkscape

Change perspective to yourself.

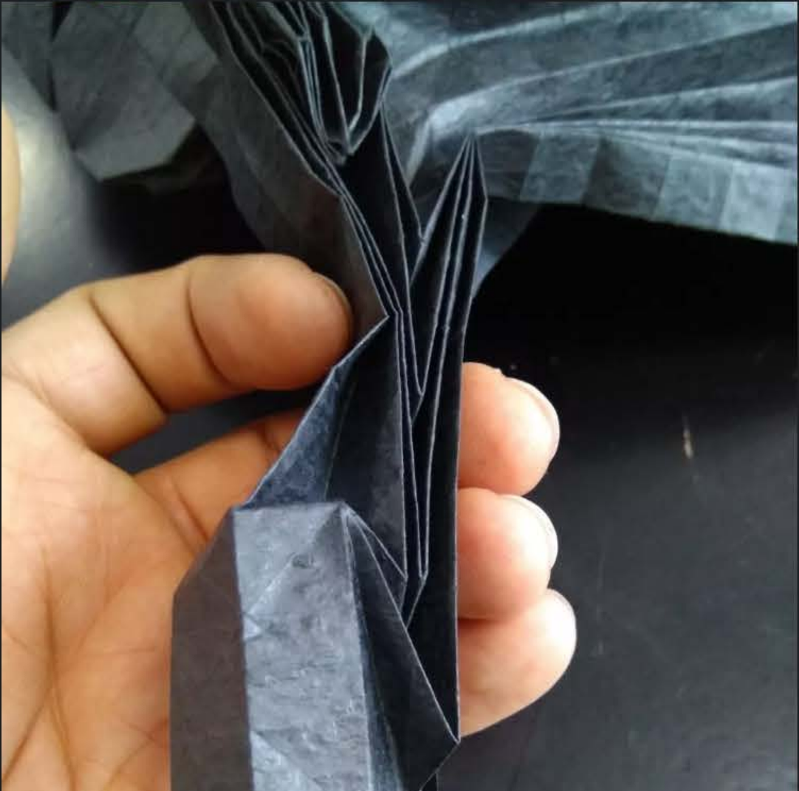


CP折纸开根号

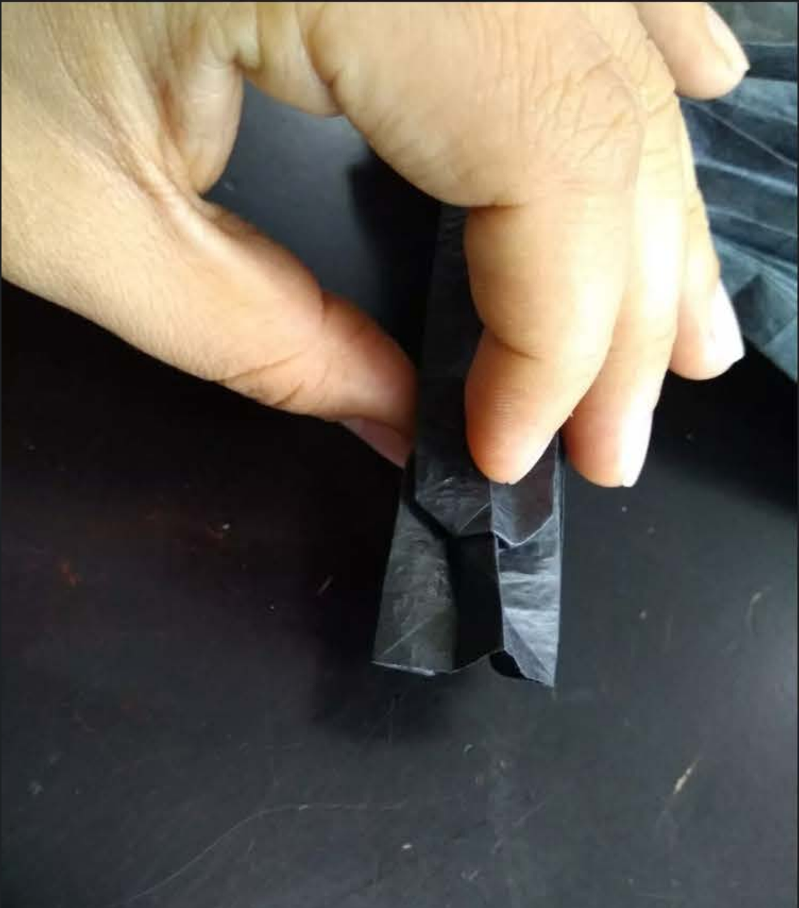
CP折纸开根号

CP折纸开根号

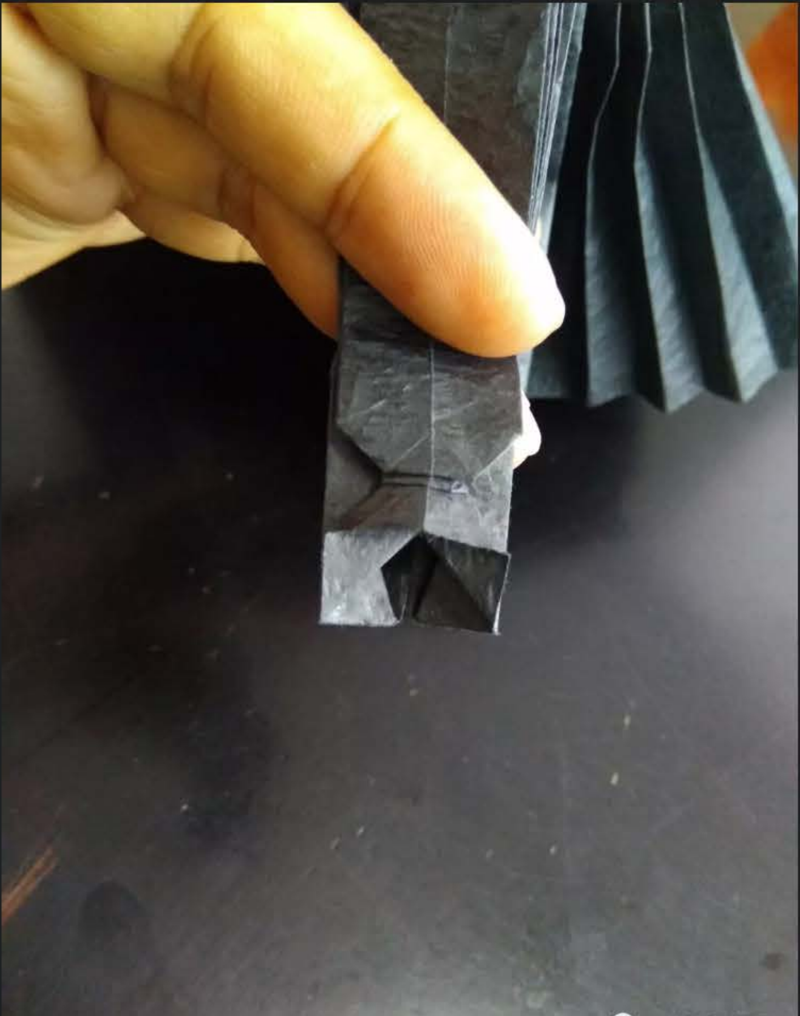
CP折纸开根号

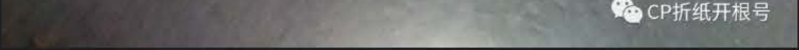


CP折纸开根号



CP折纸开根号



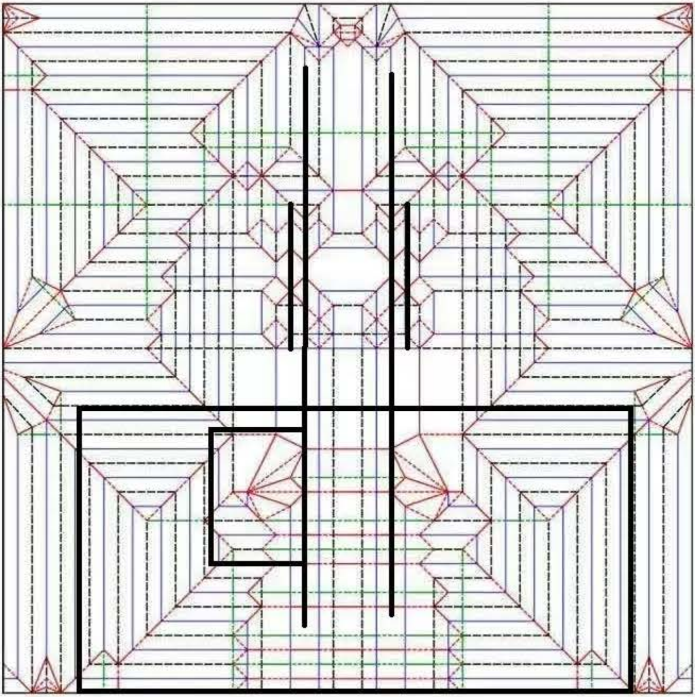

CP折纸开根号

After the jagged structure, the belly part must be treated to flatten the whole, but the belly of this work is different from the previous beetle. It uses six consecutive triangles to complete a 3-1 and 2-1 For those who want to design this kind of conversion, use 3-4 to complete the 3-1 conversion. Friends can draw this on their own books.

21.10.2014

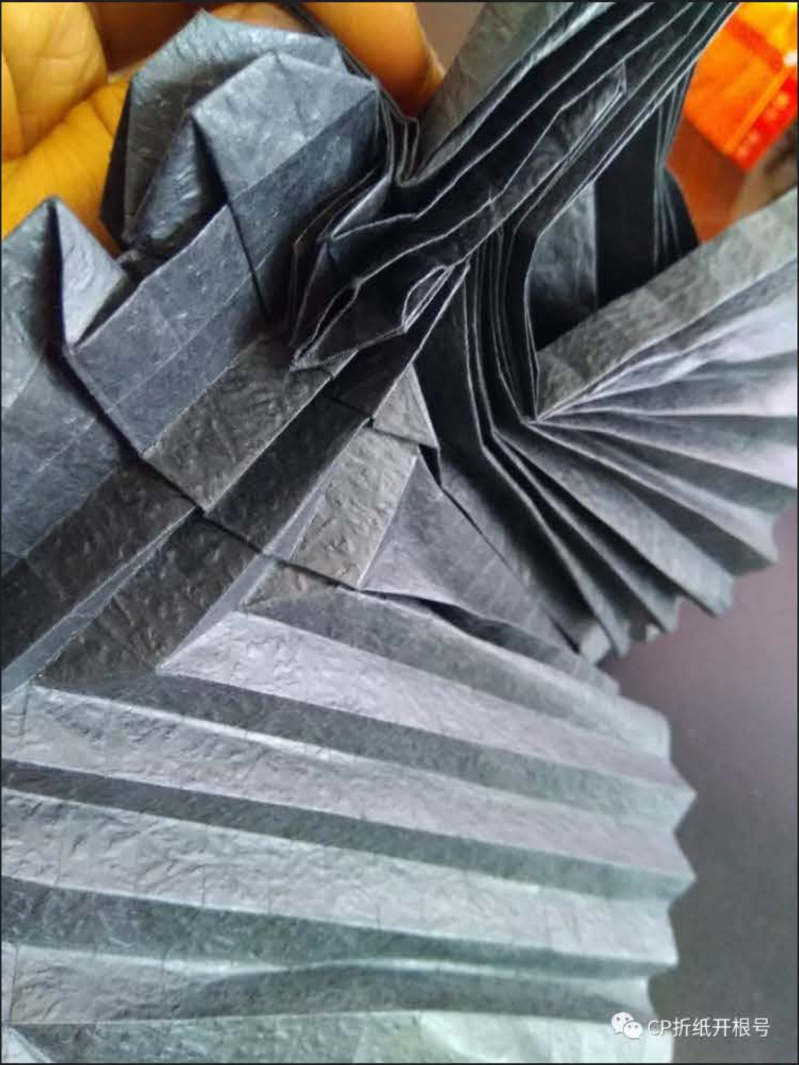
Samurai Helmet Beetle 2.0

Designed by Philipp-Marius Kost



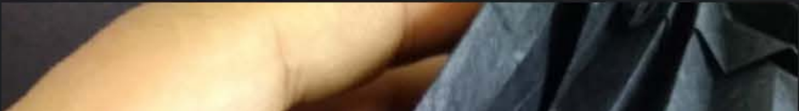
CP折纸开根号

Drawn with Inkscape



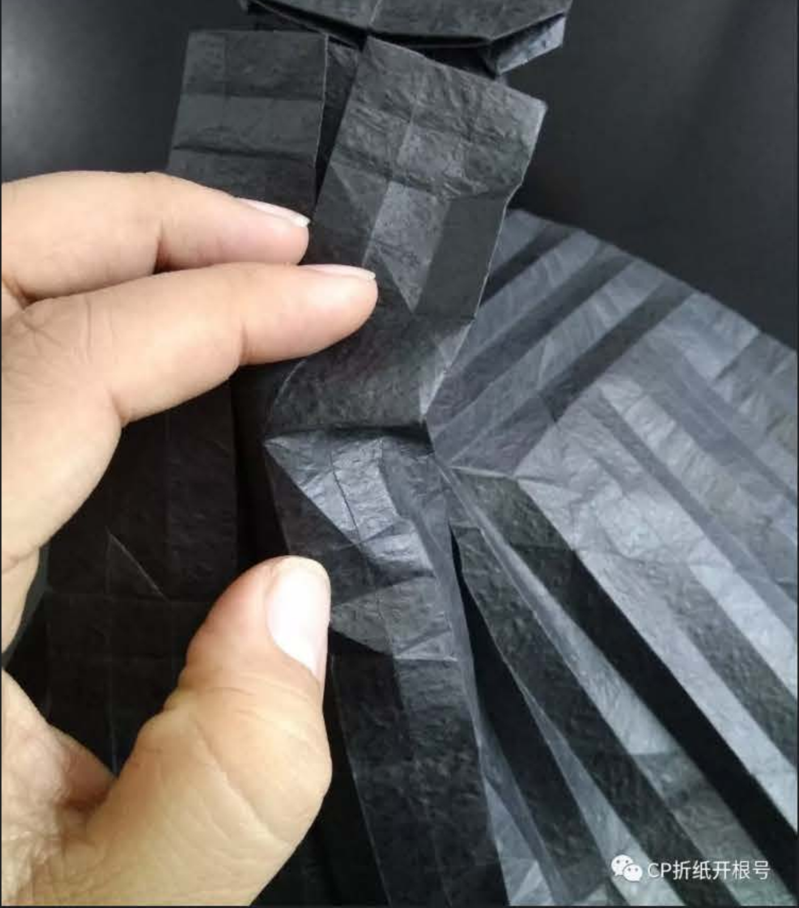
CP折纸开根号

CP折纸开根号

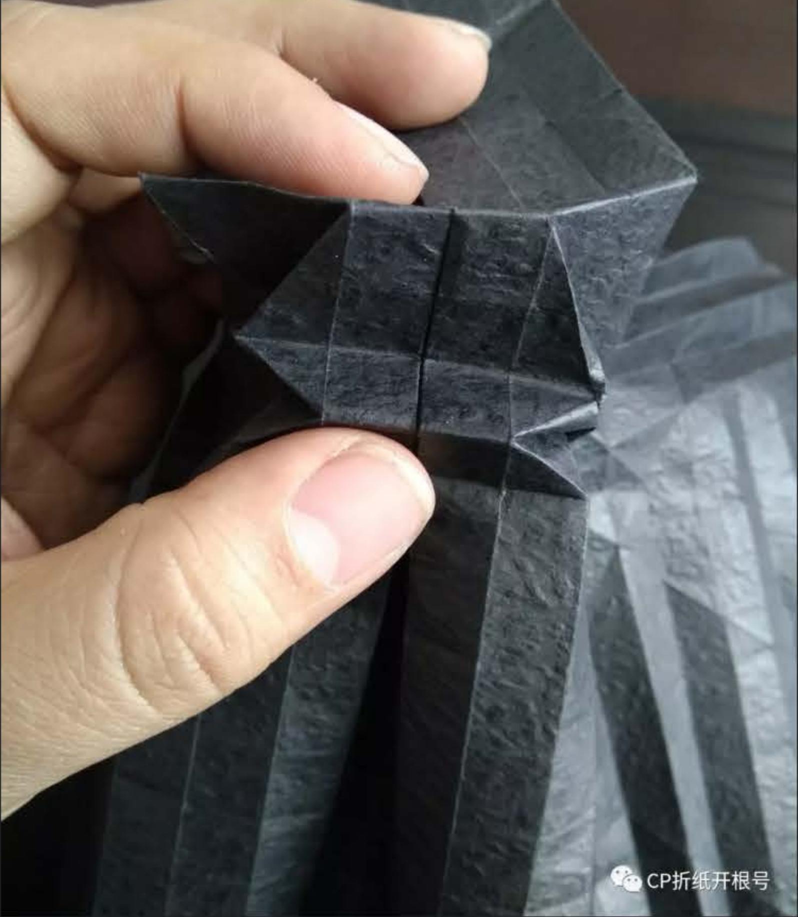


CP折纸开根号

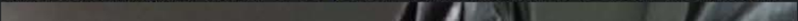
CP折纸开根号

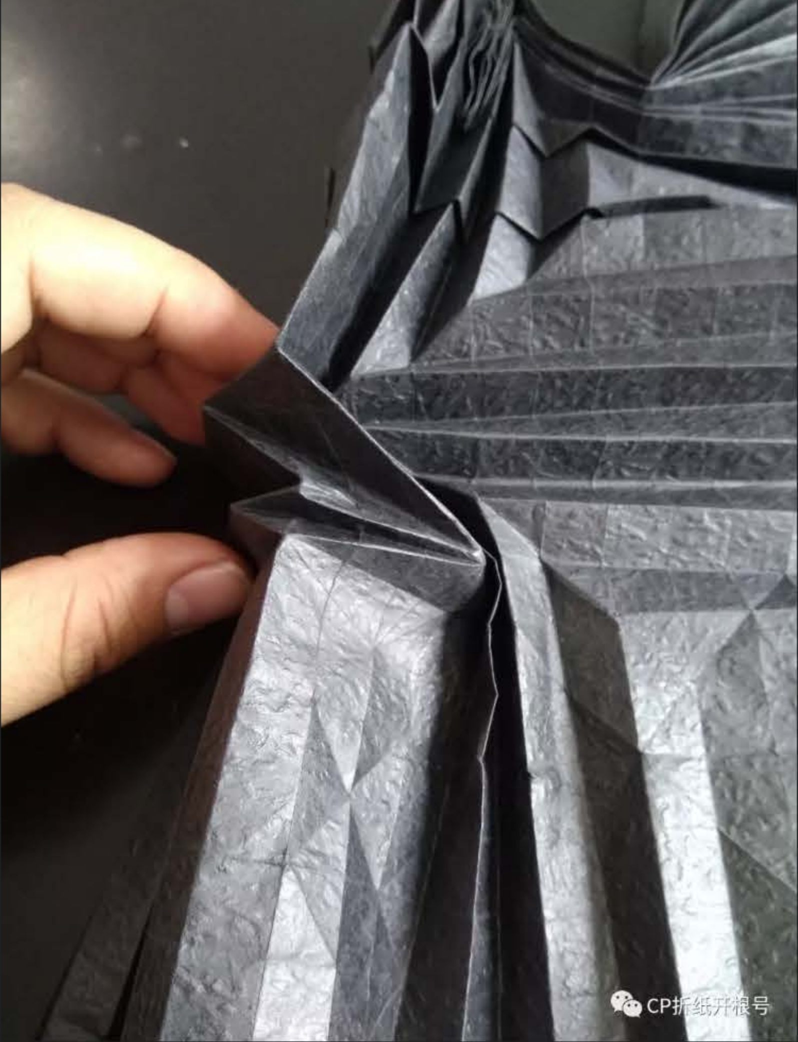


Here we must pay attention to the use of each triangle


CP折纸开根号

When converging, be careful of the peak-to-peak connections between the triangles





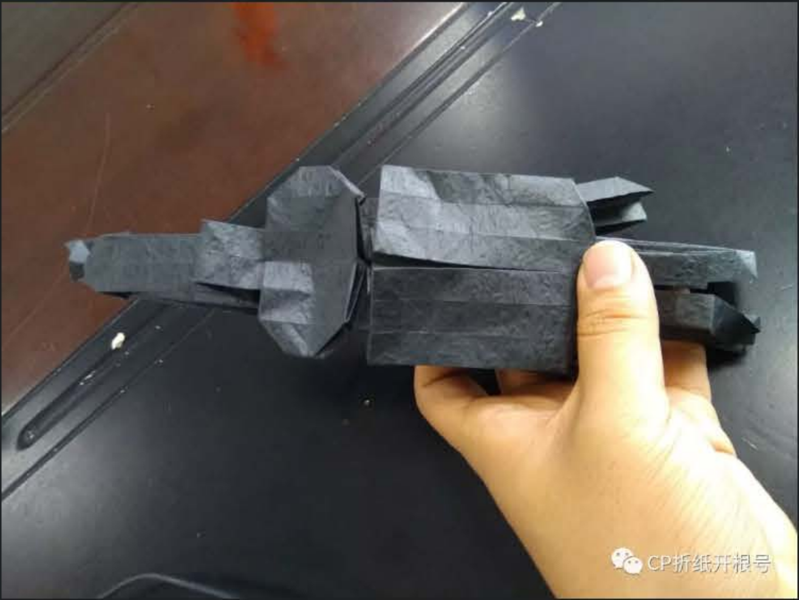
CP折纸开根号

CP折纸开根号

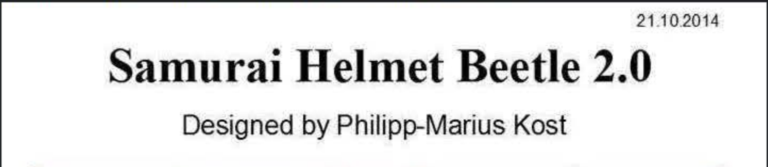
CP折纸开根号

CP折纸开根号

CP折纸开根号


CP折纸开根号

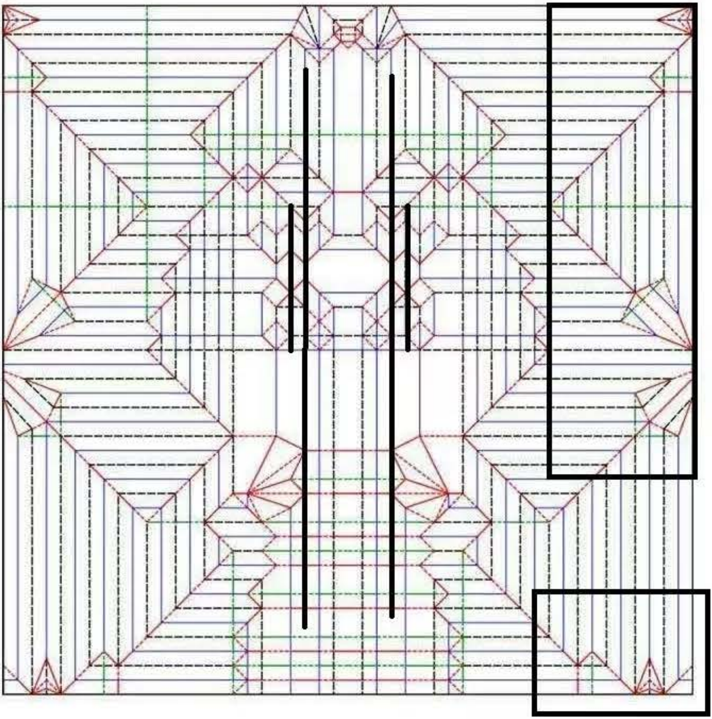
Finally, we pulled the two sides apart to complete the feet.



21.10.2014

Samurai Helmet Beetle 2.0

Designed by Philipp-Marius Kost



CP折纸开根号

Drawn with Inkscape

CP折纸开根号

CP折纸开根号

CP折纸开根号

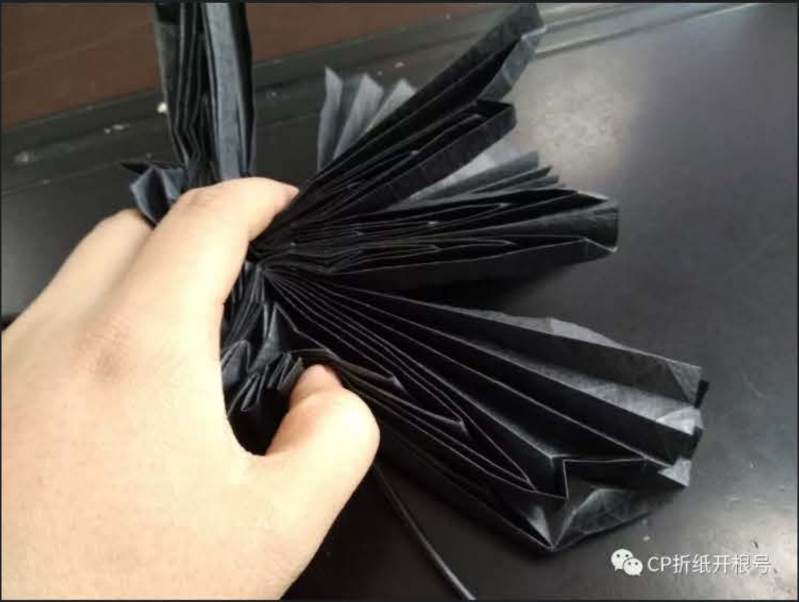
CP折纸开根号

Start various sorts

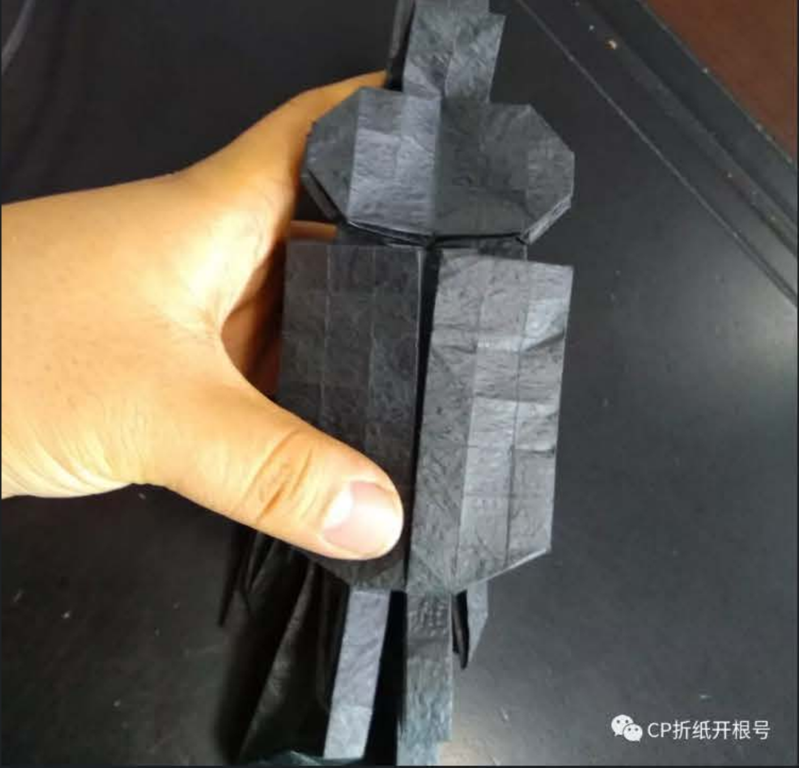
CP折纸开根号

CP折纸开根号

CP折纸开根号

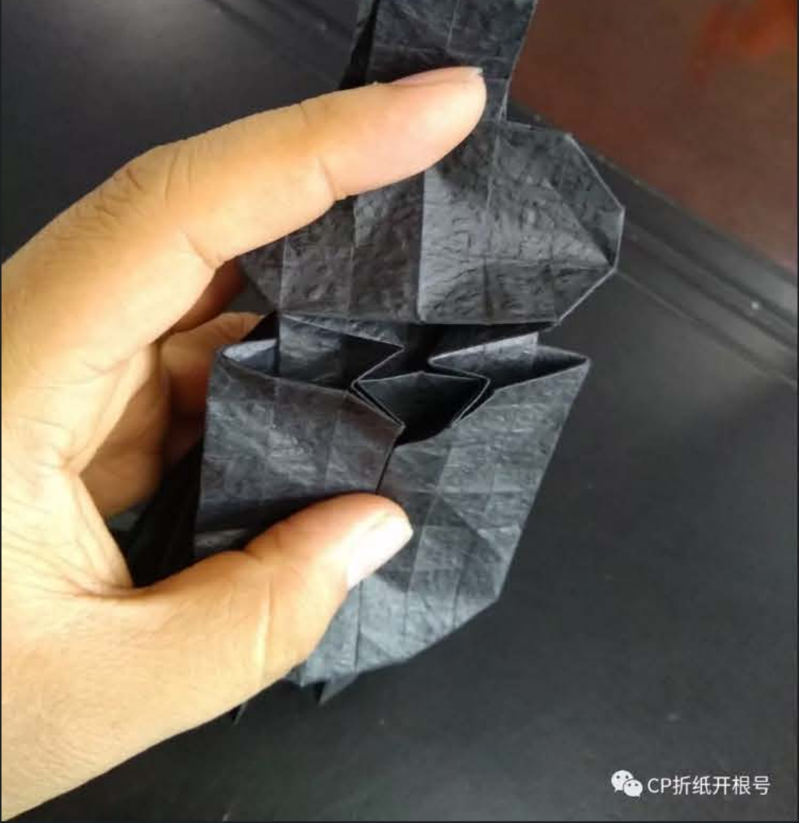


CP折纸开根号



Below, do you think of the structure of Kamiya's stag beetle? In fact, many insects, especially beetles, have to make a transformation here to create this three-dimensional structure.

PS: I want to say here, you can design a structure with two middle armors and four grids, and then create this corner, and then three-dimensional plastic surgery, this idea can be tried.



Finally posted a back view.

Did you, you, succeed?