The Origami Interactive Series No. 22

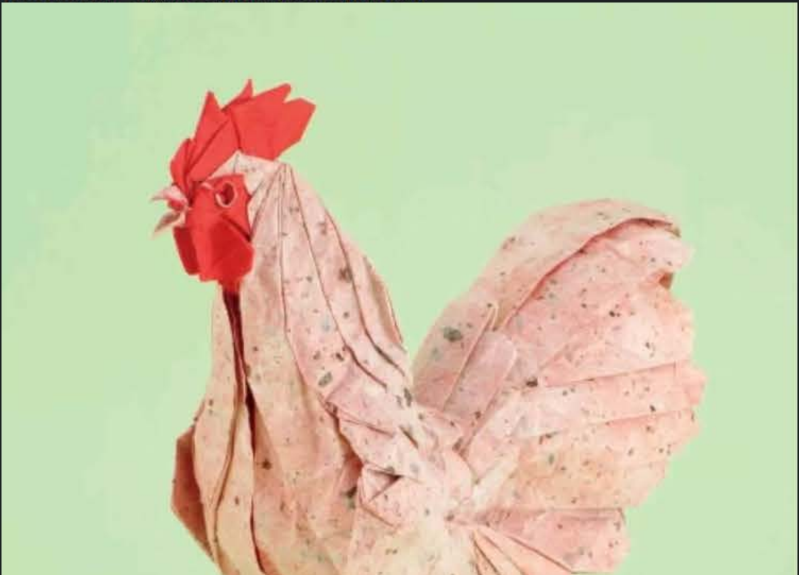
Original Origami Student Takayama CP Origami Opening Number 2018-12-27

Hello everyone, welcome to CP Opening!

After a long time, I finally made a CP shot of the big cock. Maybe everyone has waited a long time. In fact, I do n't know if there are any real shots on the Internet. What to do on the web! But since it is to promote CP origami, someone will copy it. I don't care too much, but I hope everyone can indicate the original author. After all, we are not original and just crack!

Thank you Zheyou before starting today's work: Lan Zi (I don't really know the author's information)
Chicken, by Mineo Shotaro (Feng [for variant] Takaakiro Taka)

The work we are folding today is a square work, a CP combining snake belly and angle
There are still some difficulties in wiring. It is recommended that you use a larger two-color paper. I used a red and white color this time, size 65CM.
Not much to say, let's prepare and practice!



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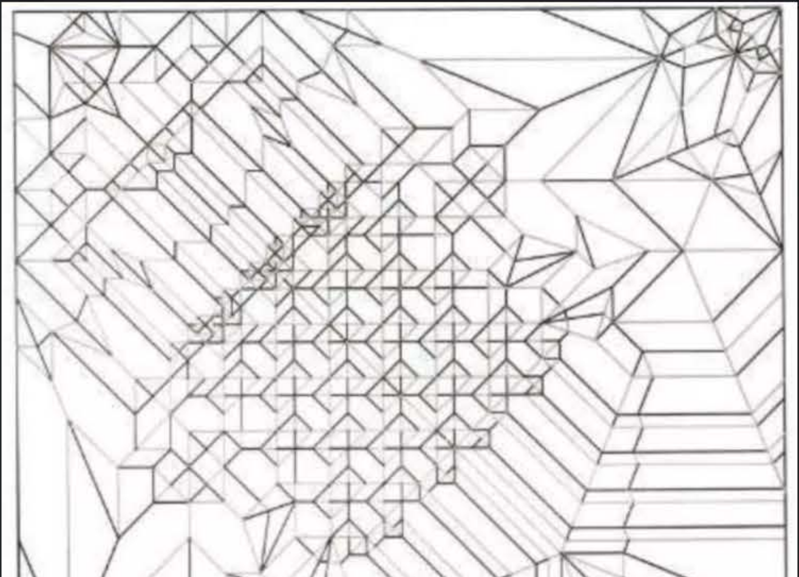
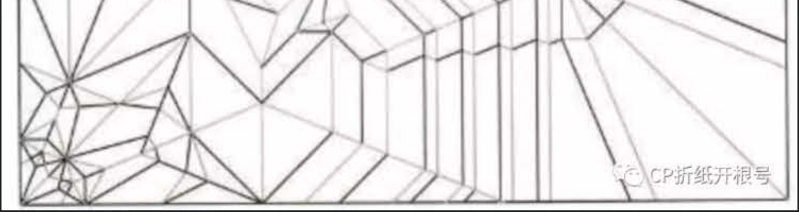
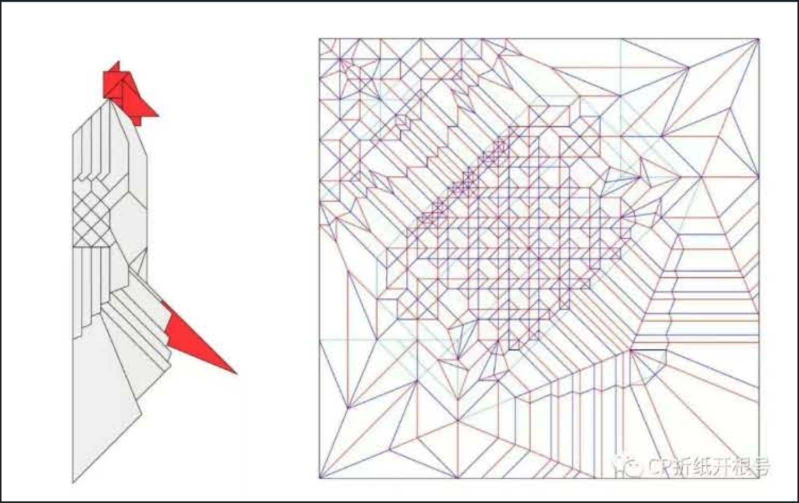


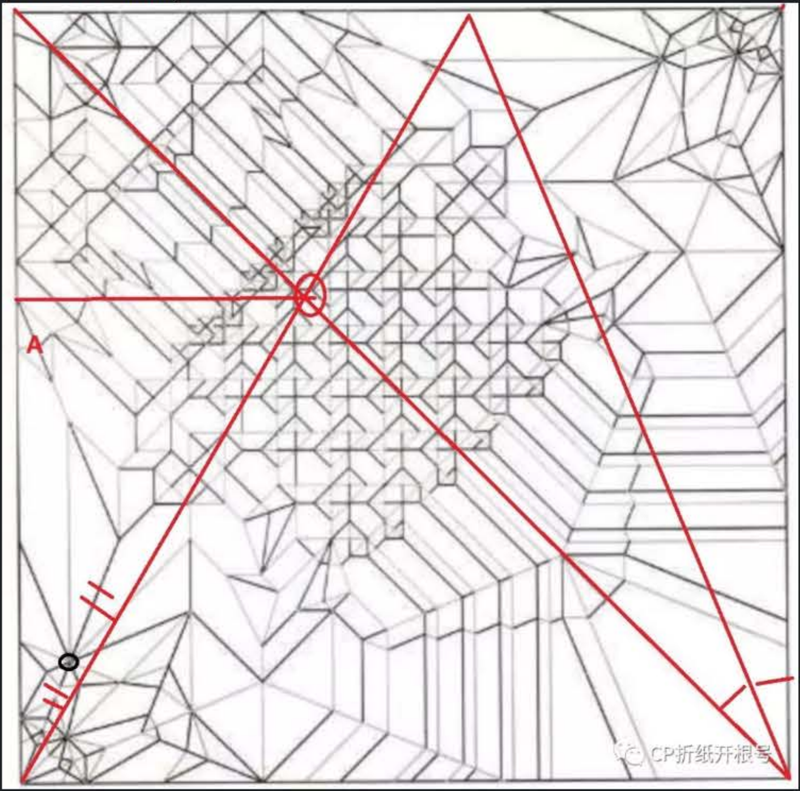


First of all, please cut out the square and wire it with me!
The picture below is a high-definition picture provided by netizens, but there is no part marked with feet. You can refer to the two pictures together when you wire.



First, let's briefly analyze the position of the dots.
According to the figure below, we fold the square diagonally and divide one of the 45-degree angles, then connect the vertex and the intersection point, which is the same as the starting point of Kamiya Red Dragon. We then use the intersection point to get

point A horizontally



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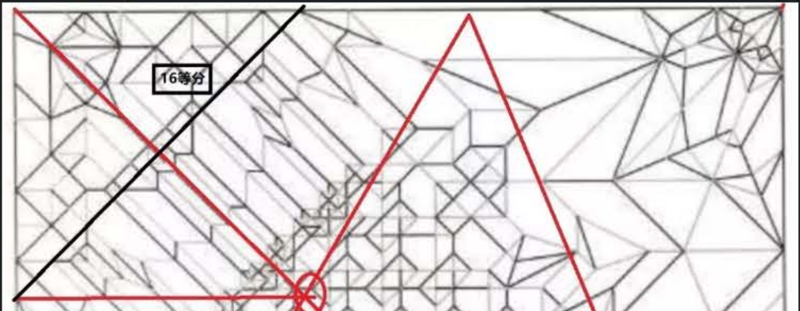
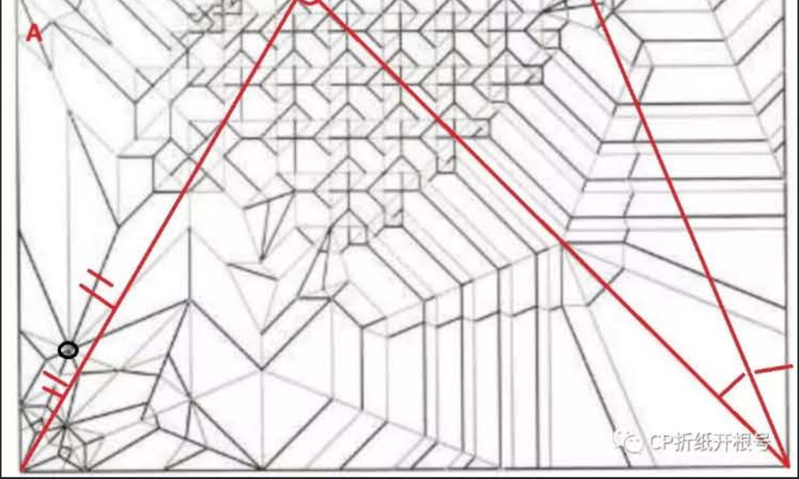
Starting from A, we follow the diagonal direction (16 equal divisions in the direction of the black line)





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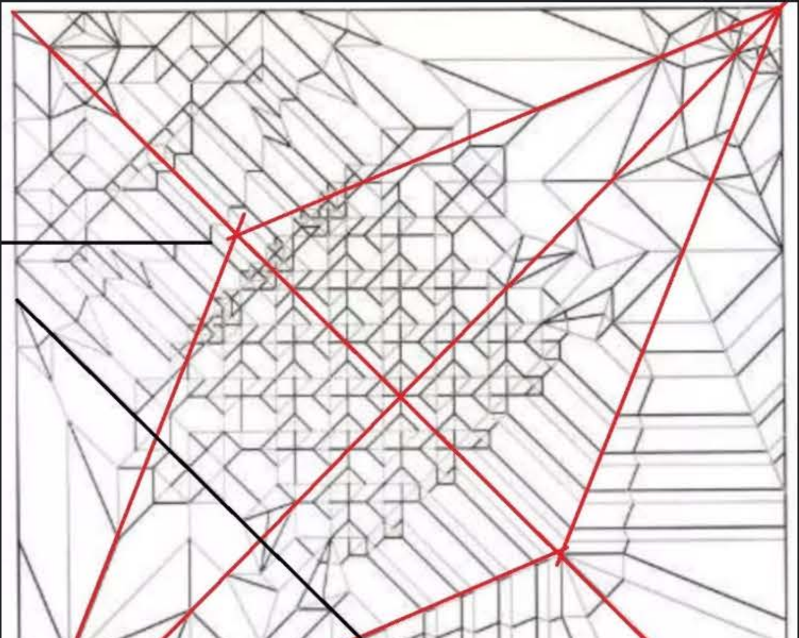
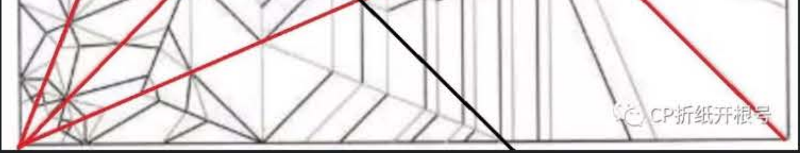
Divide the corners of the two sides and bisect the lines and intersections respectively.

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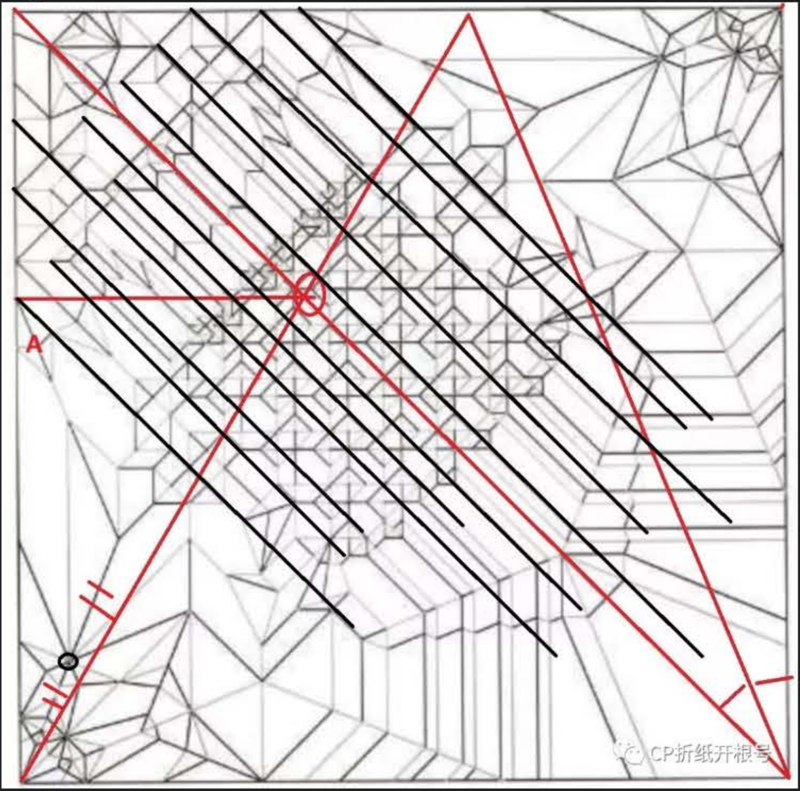
Below we can further subdivide the divisions. For simplicity, you can make the divisions longer.



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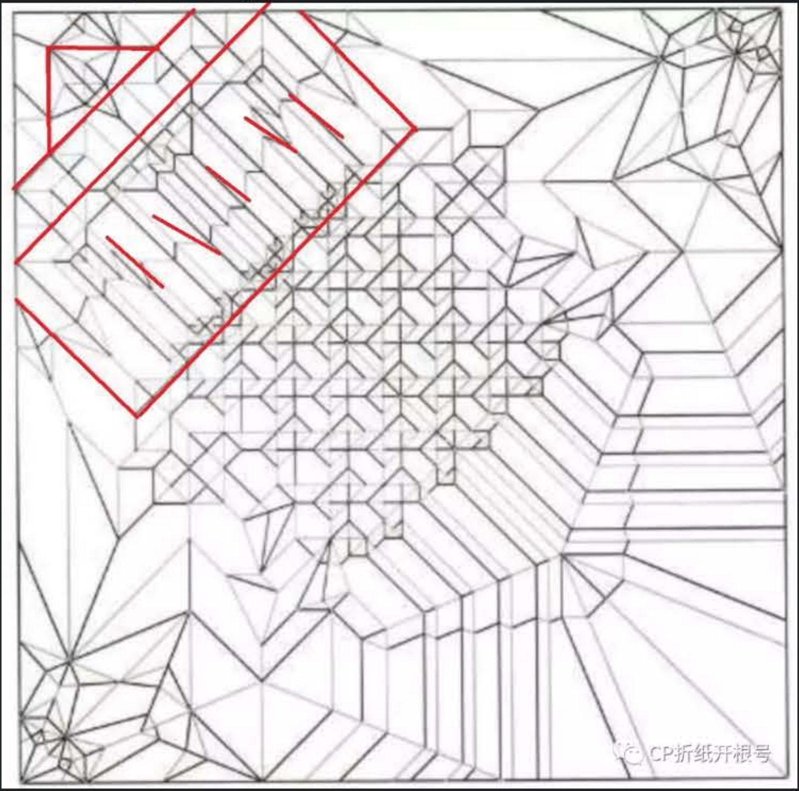
Let's refine the lines in the red part of the picture below.

This is the head of the chicken. In places where there are relatively short lines, it is necessary to distinguish the peak and valley lines when they converge. So for those who are not very skilled here, it is best to find another piece of paper and make a separate line and then practice it together.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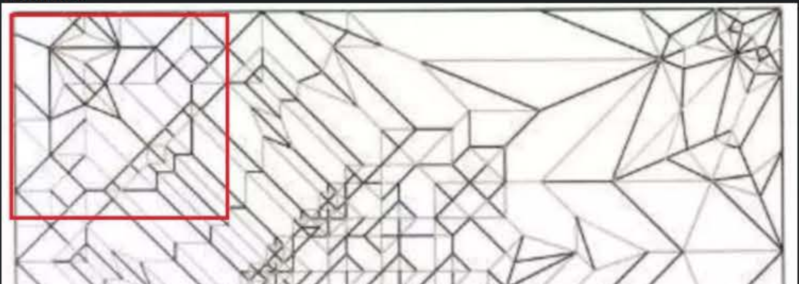
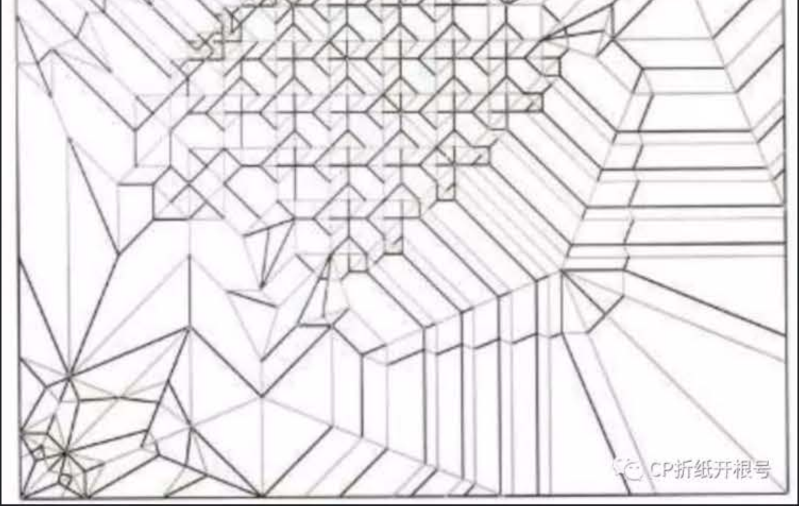
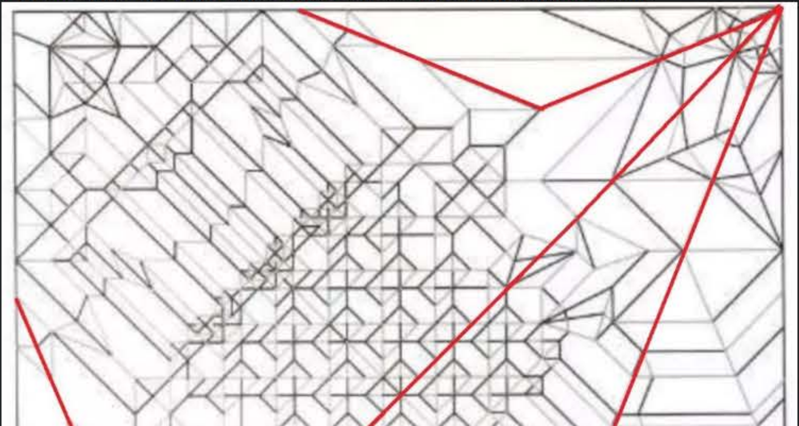
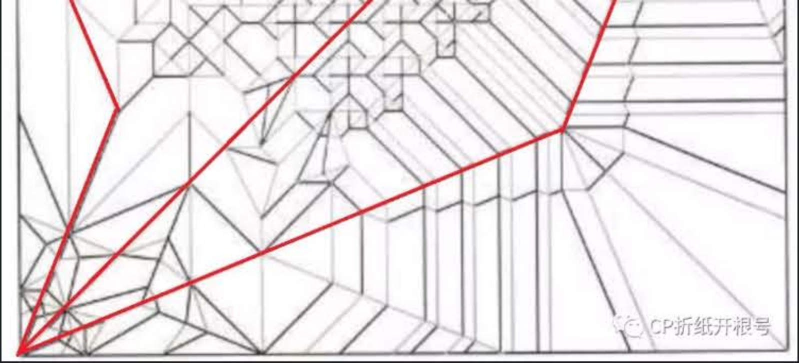
When practicing, you can just fold out the red frame below. The most important thing is to distinguish how the peaks and valleys of the chicken head and the mouth are reversed.





Next, we type the corner lines separately as shown in the figure below.





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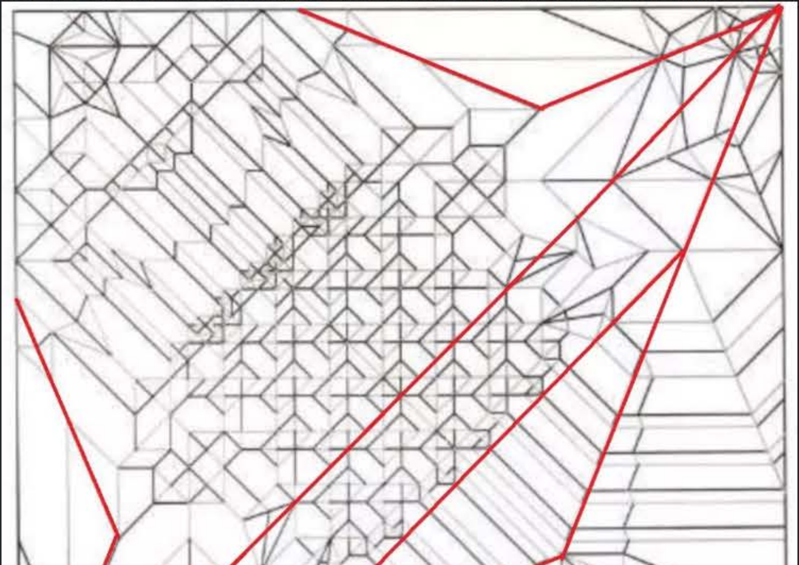
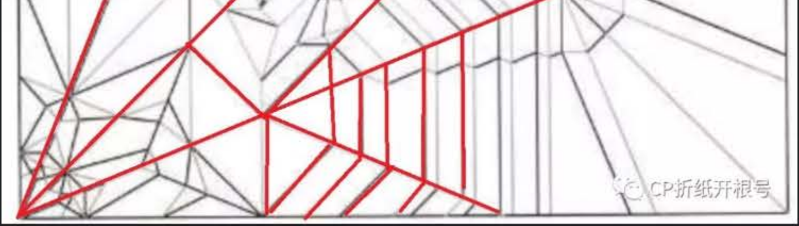
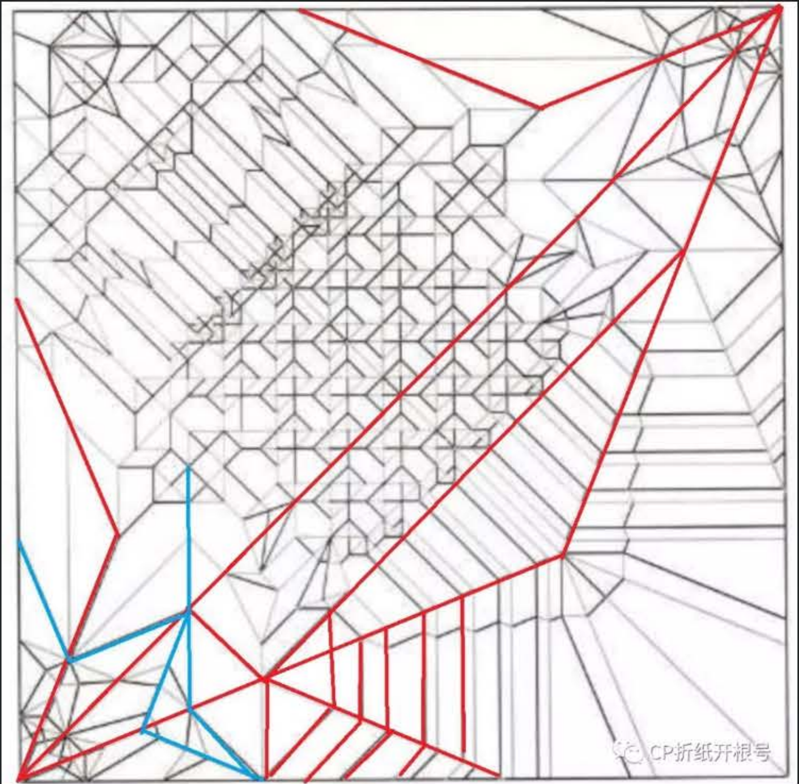
According to the local 16 equal divisions we made earlier, the following lines are lined, and the 16 equal division thin lines are divided and the position is determined.

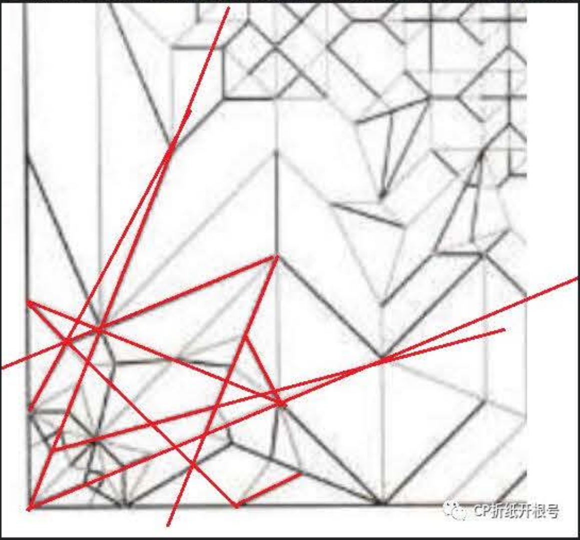




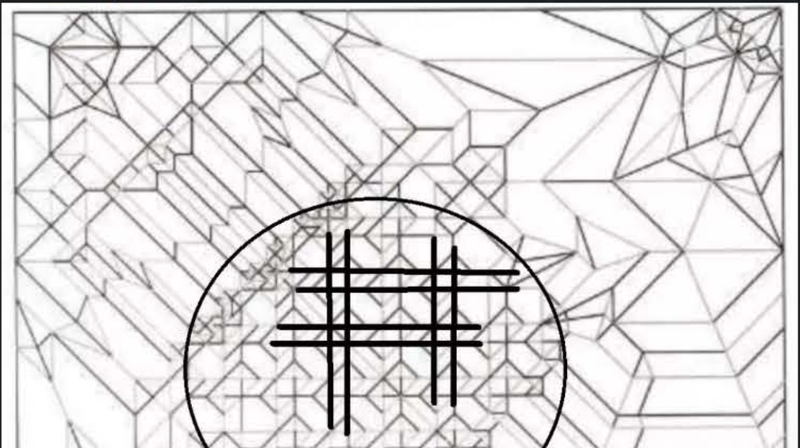
Finally, draw the line of the chicken feet according to the following partial picture and the bottom close-up picture.

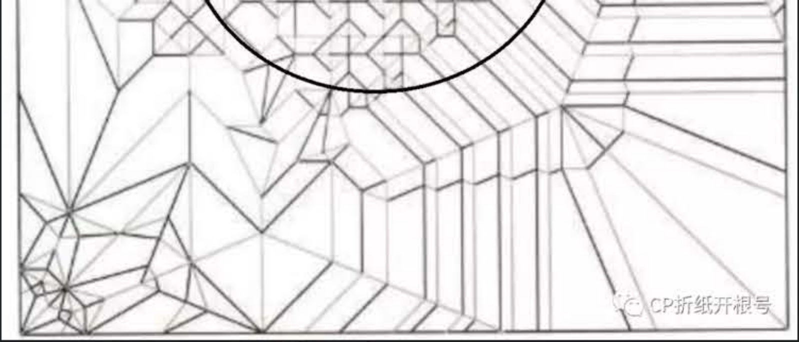


We first find the points we need according to the blue line in the picture above, and then determine the positions of all the points one by one according to the close-up picture below. When this part is lined up, we have completed all the lines, please everyone Unfold the paper in your hand and let's get together!



Below we formally start the aggregation. First of all, I personally recommend starting from the middle of these seemingly messy and disturbing places. Generally, this type of aggregation is similar to Dragon God's scales. It is not easy to understand but it is not difficult to operate. CP





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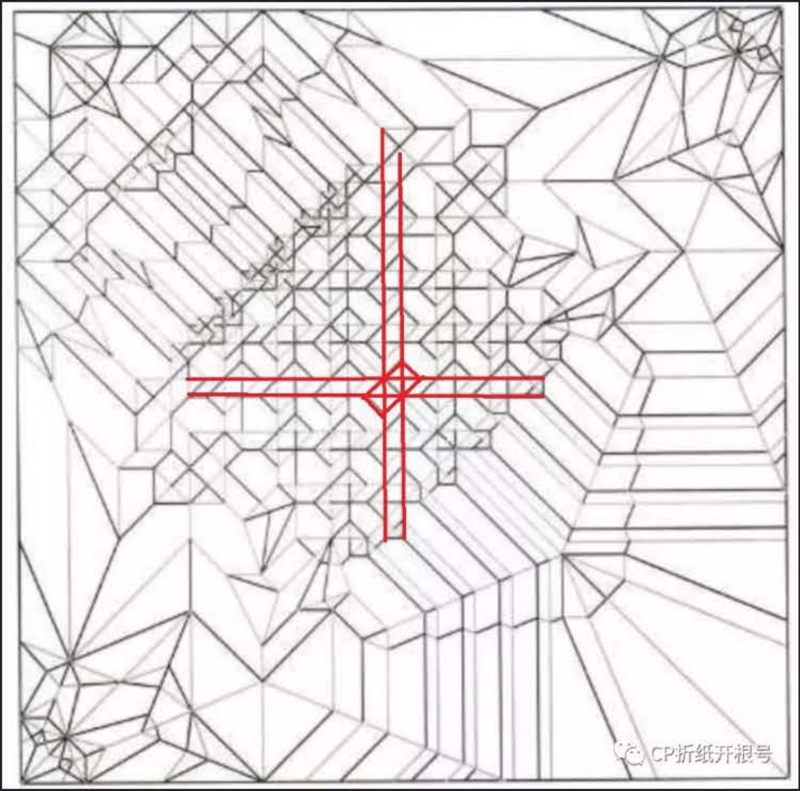
We can focus on making one horizontally and vertically first, and then layer up one by one.



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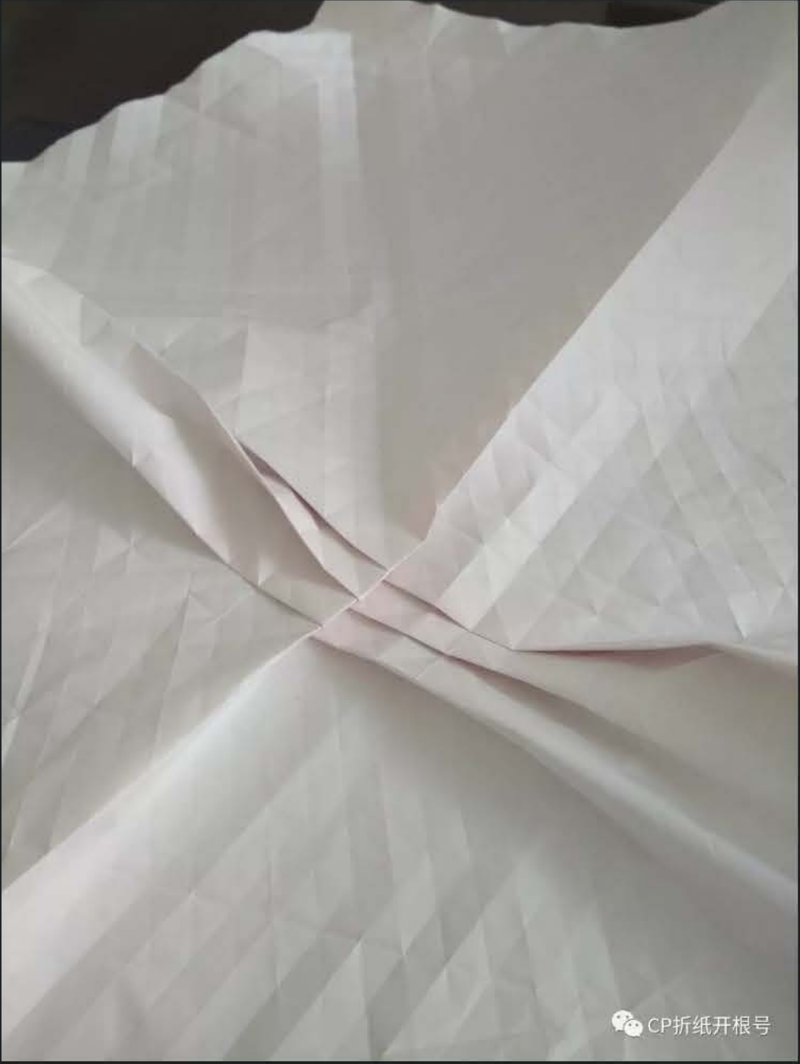

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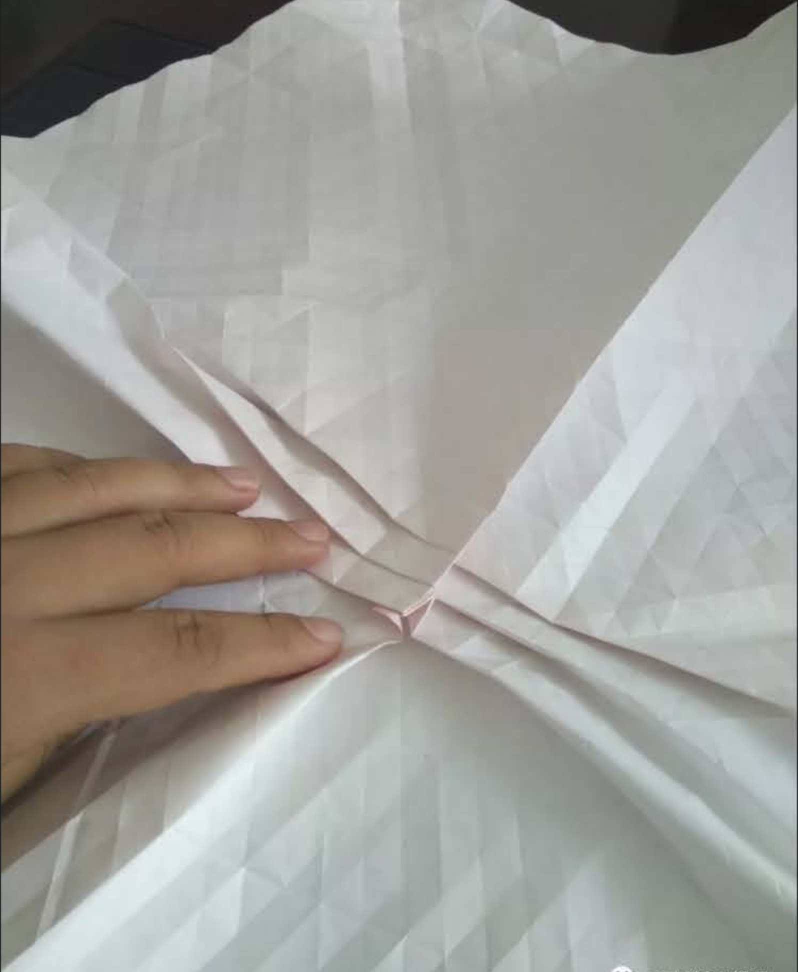
The key here is to open the bottom corner, and then compare the peaks and valleys of the CP when the corners are all open.



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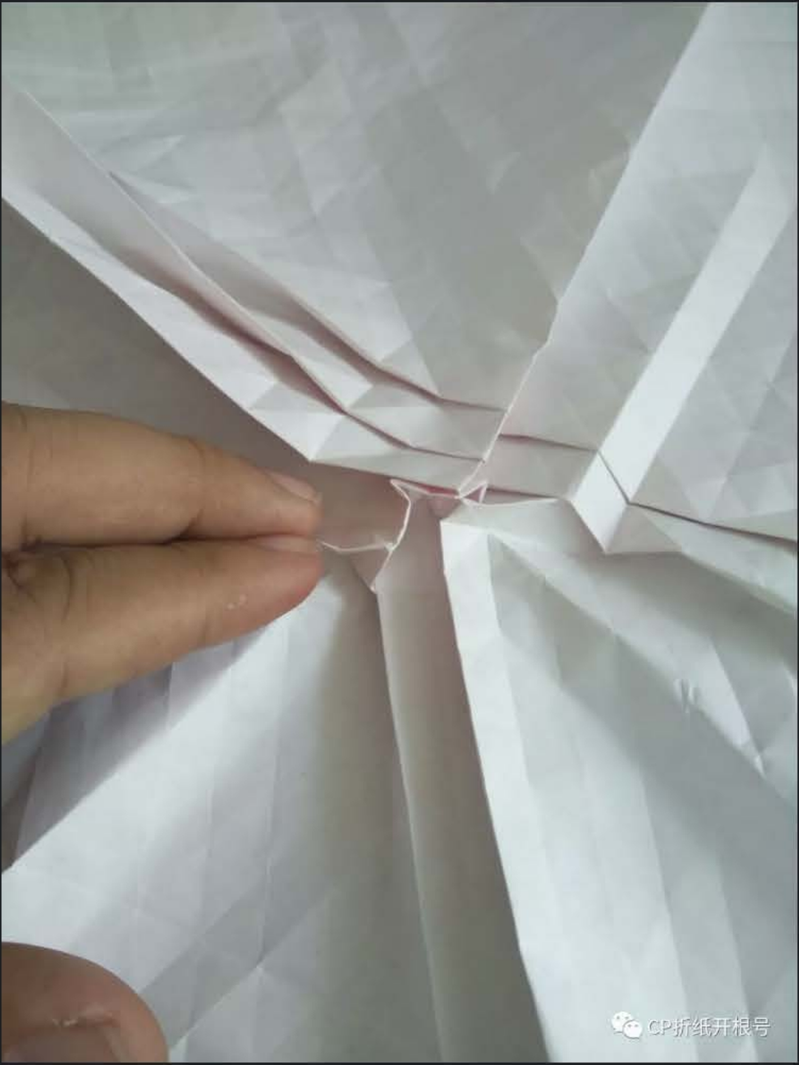

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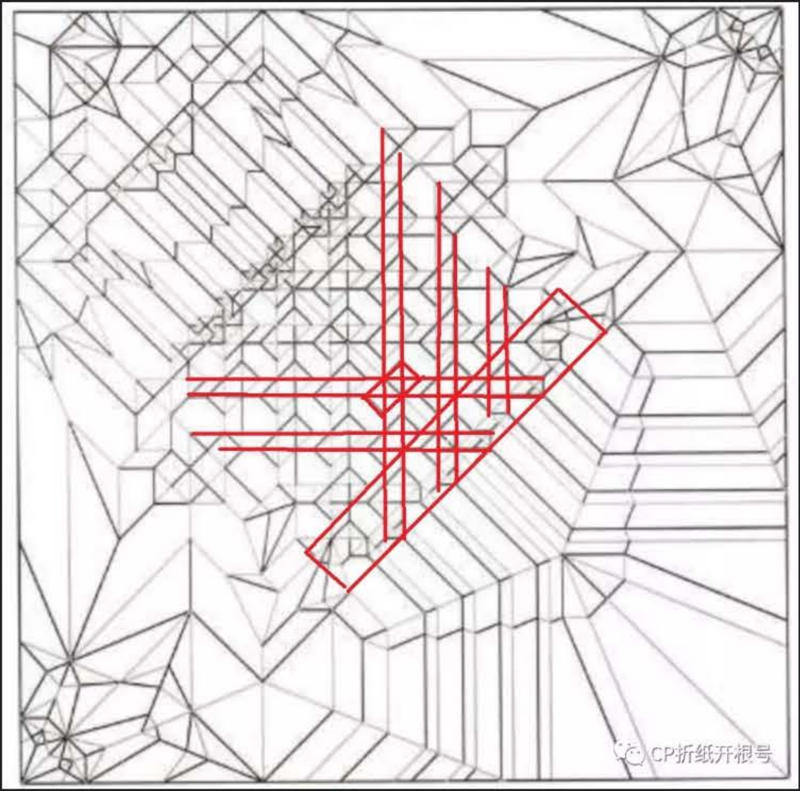
Below we deal with other lines in turn.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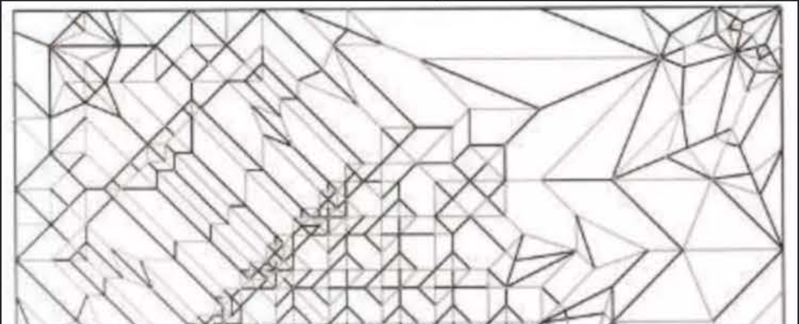
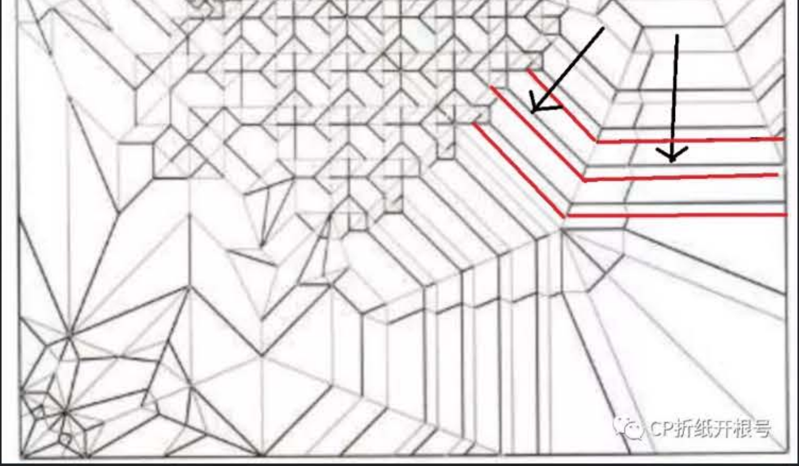
When the bottom row of aggregation occurs, it will interact with the 16th bisector in the other direction, so we have to deal with it together.





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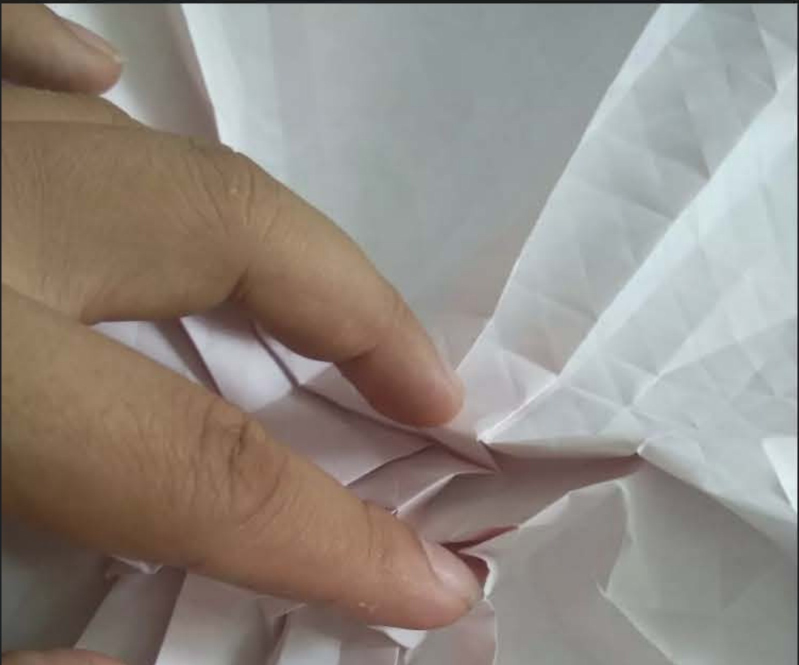

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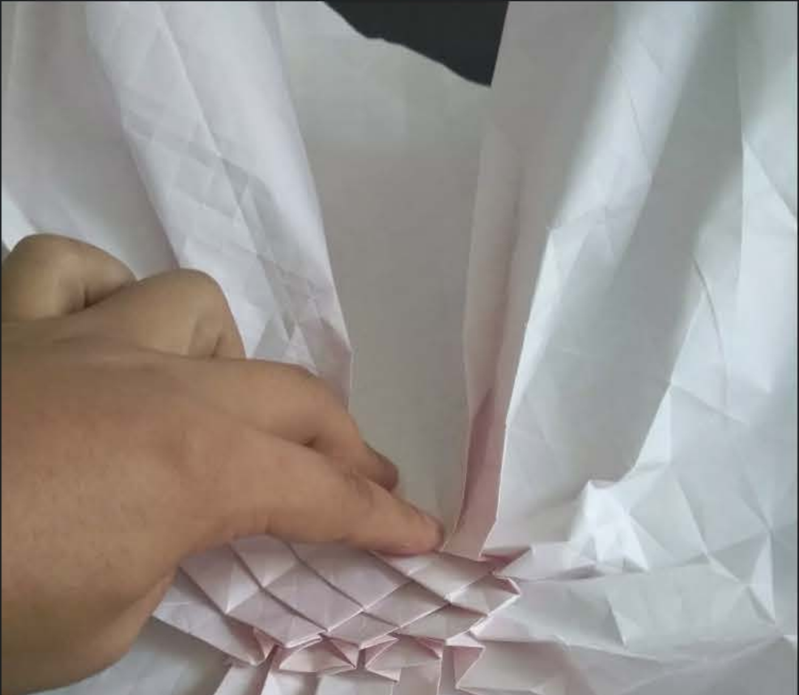

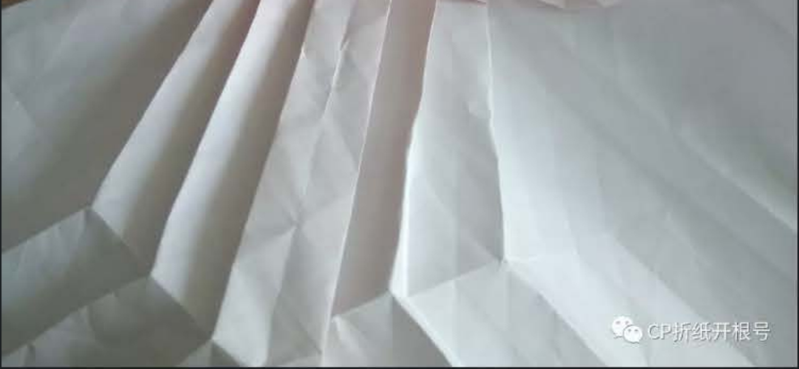

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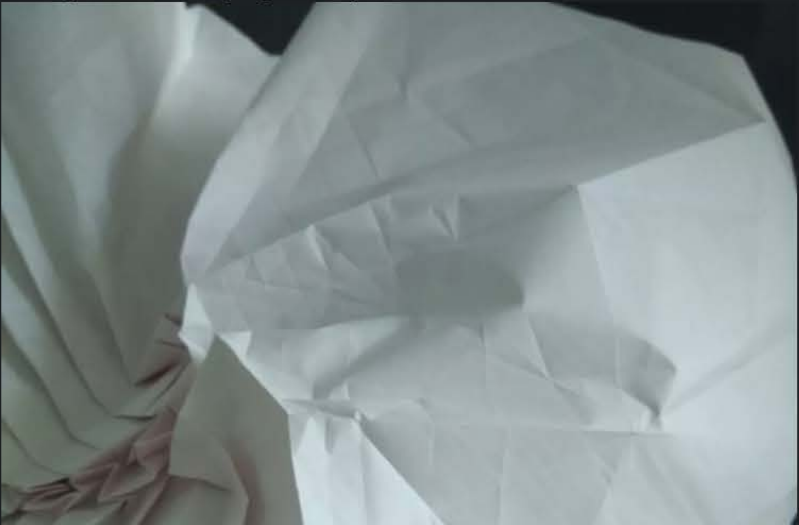
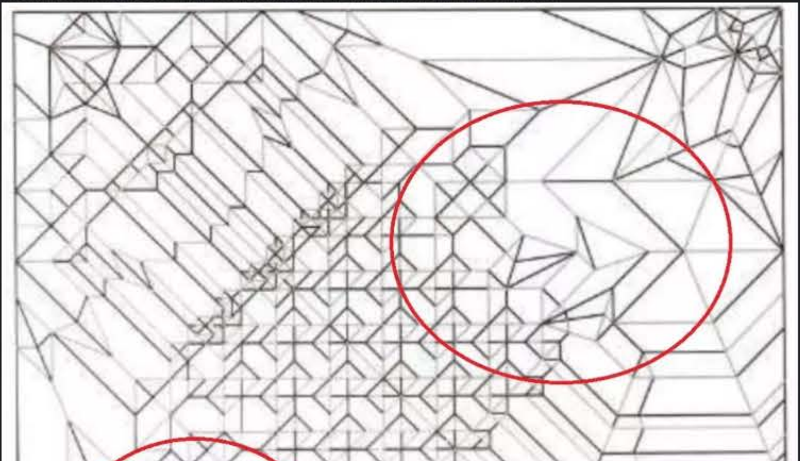
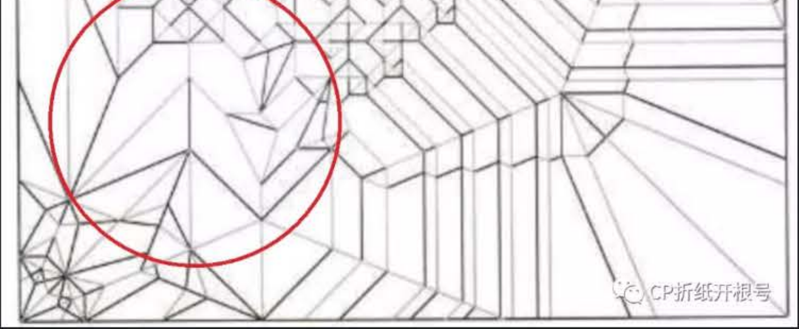
At this position, we are going to do a peak break below.



After we have folded the 16 equal parts below and the small grid in the middle, we will converge to the small grid on the neck of the chicken. However, before this, we will cooperate with the red lines on the sides (in the circle in the figure below) Aggregation, if you do not deal with it first, it will cause some trouble later, so we pinch the 16th bisector of the chicken tail below and deal with this part first.





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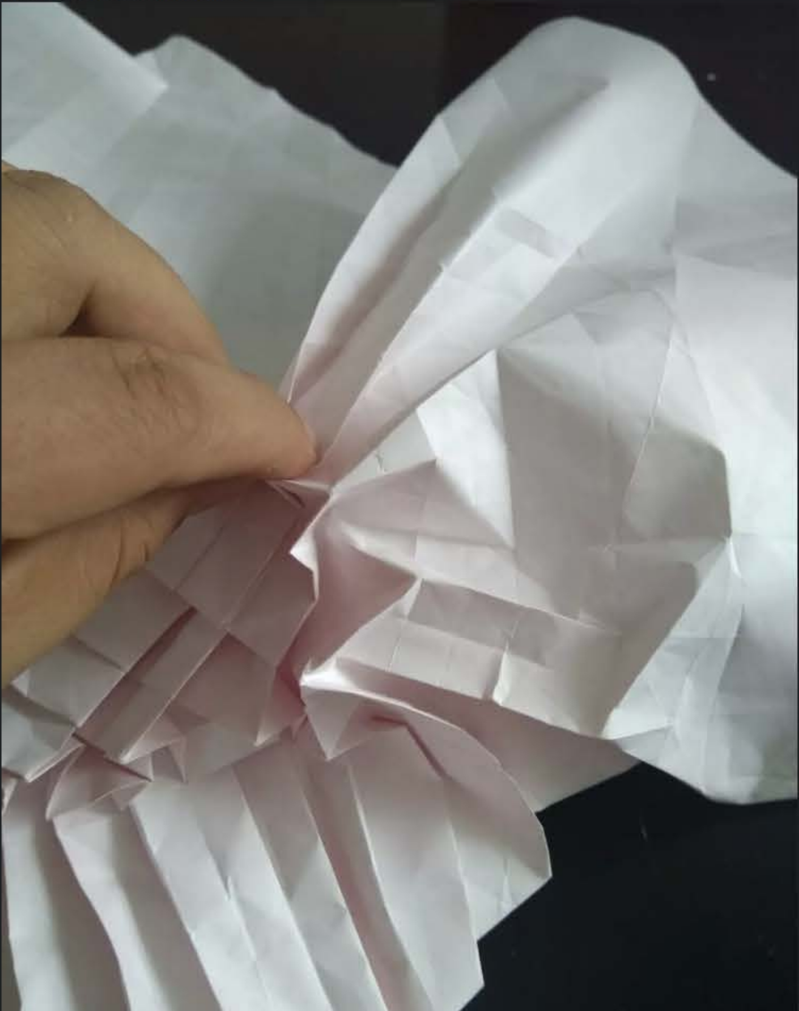
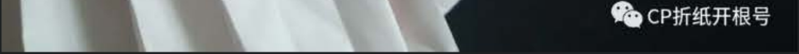
As shown below, we need to separate the pressed parts here, and then clear the position of each line by CP.





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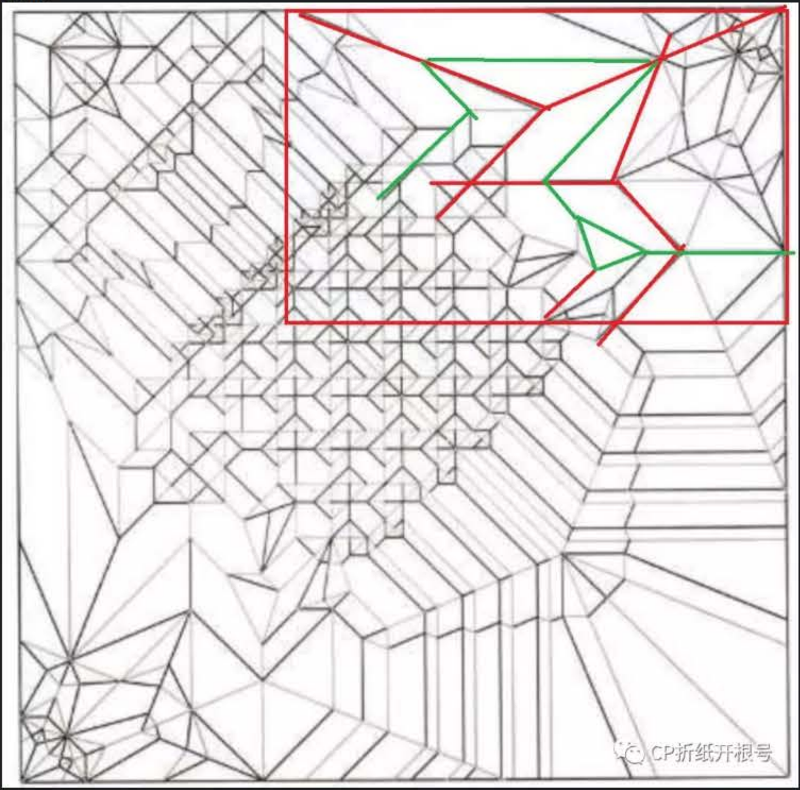
Of course, there are many short lines in our part. We don't need to aggregate directly. We only need to aggregate long lines, such as the red and green lines in the figure below.



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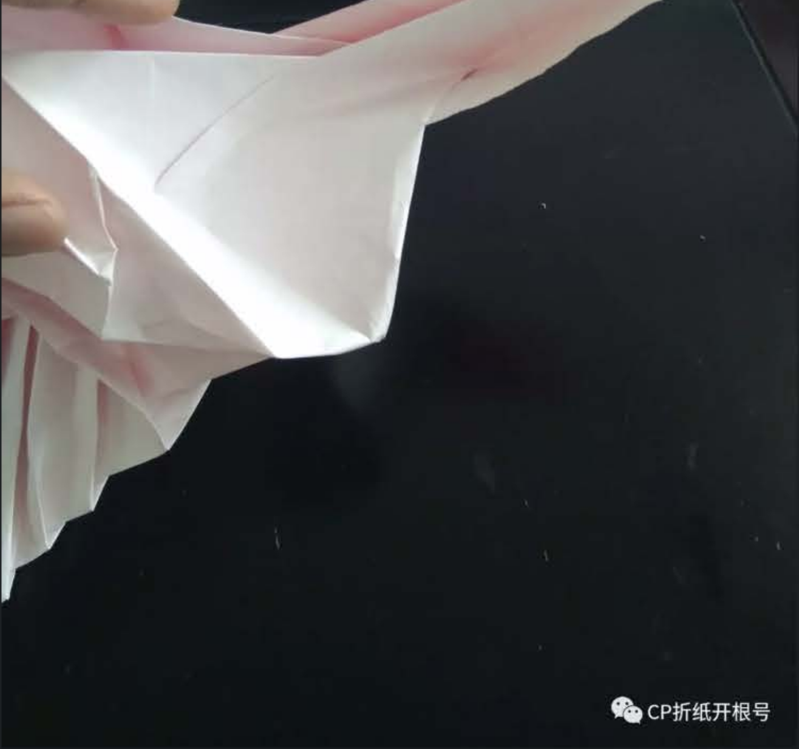

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Next, according to CP, here is a counter

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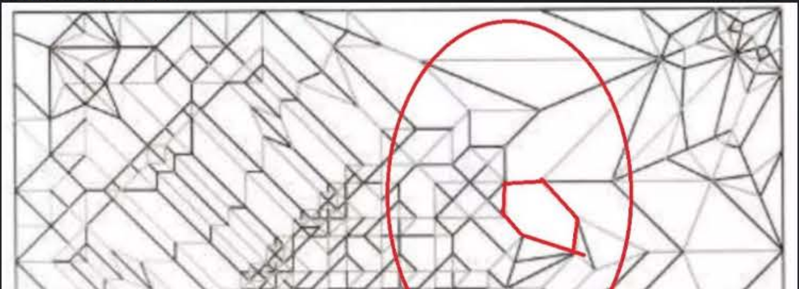
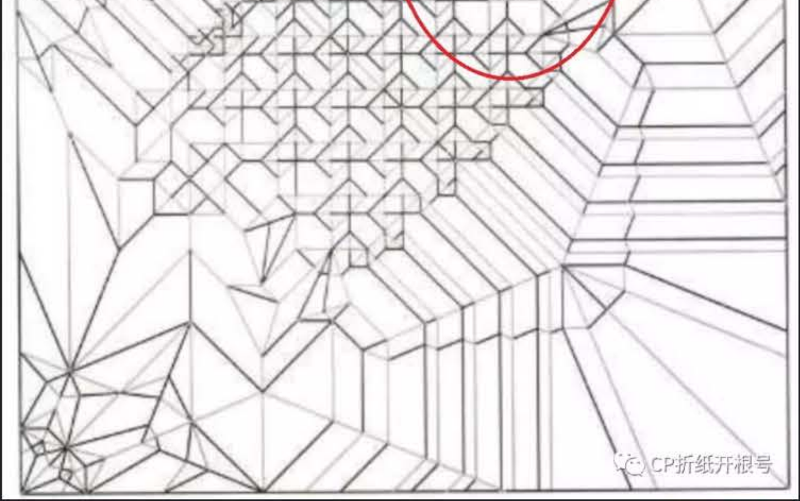
When we aggregate, we must always pay attention to this hexagon in the figure below, because this is a special figure, and its six sides are peaks, so we must pay attention to it when we aggregate.





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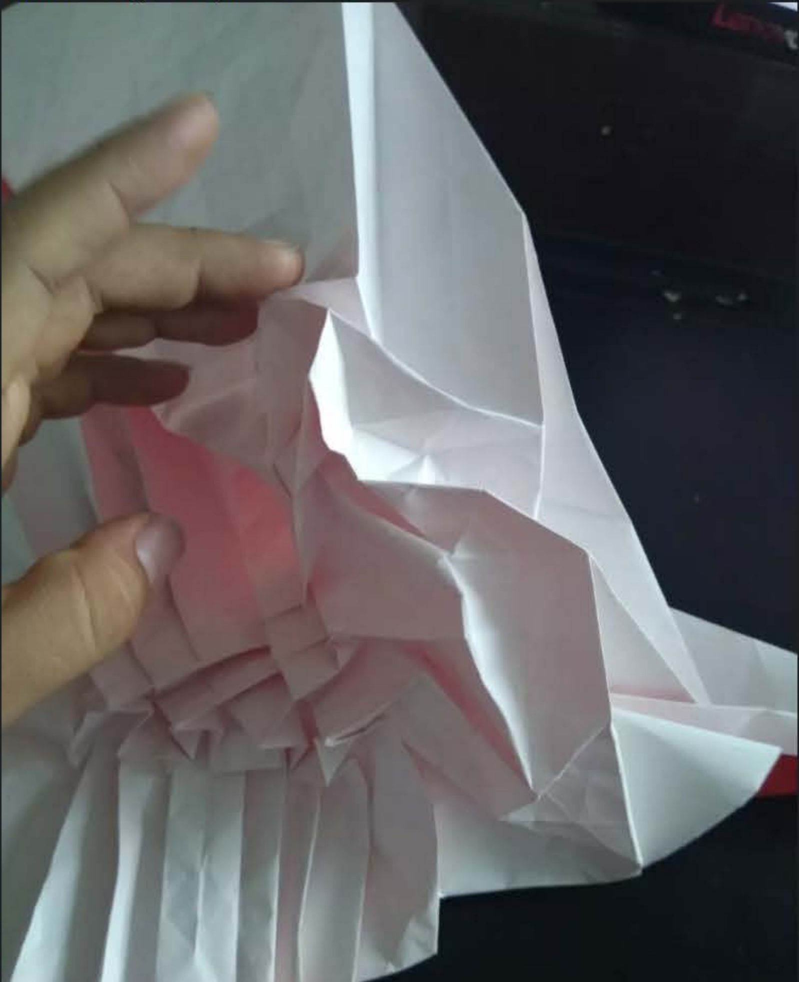
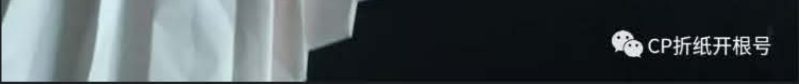
Continue to adjust the position.





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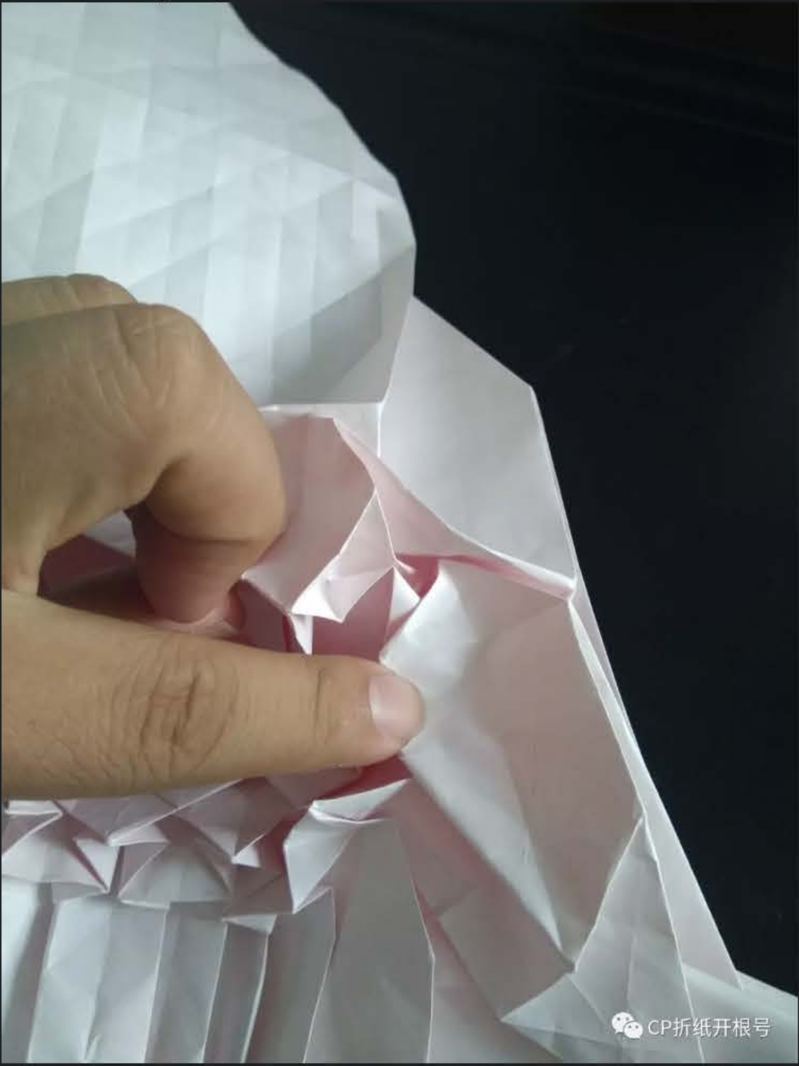
Guaranteed hexagonal peaks



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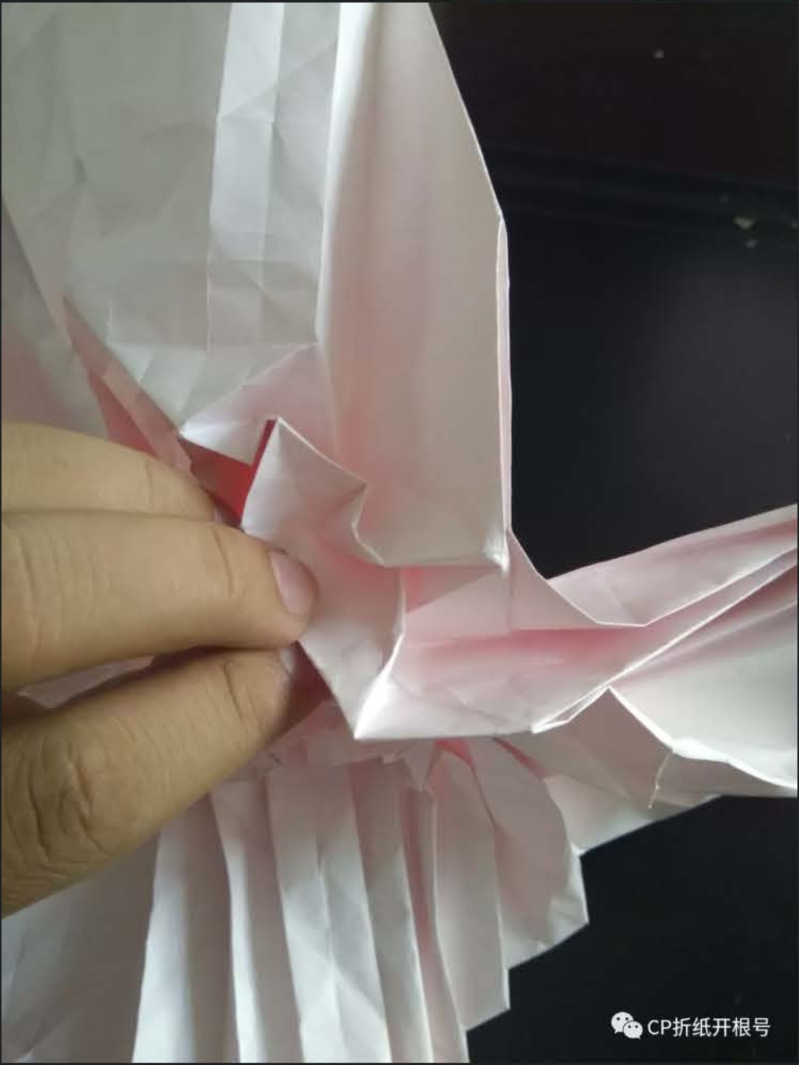

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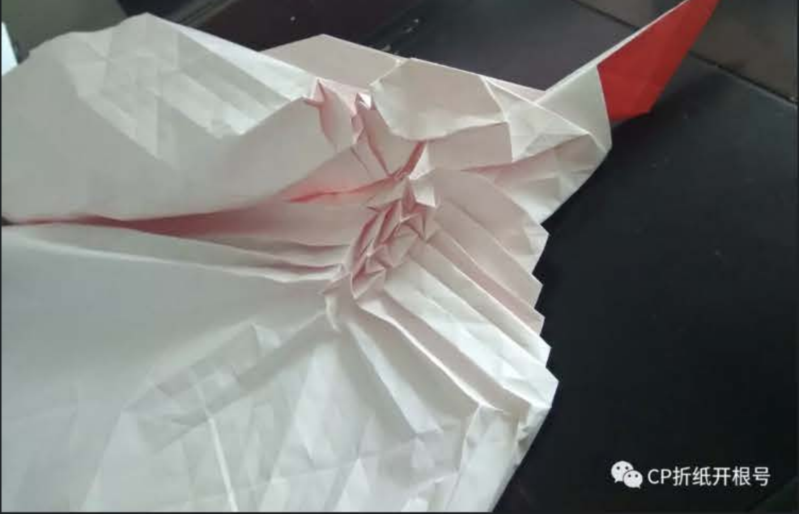
Hold the hexagonal peaks and adjust the position of the chicken legs.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Aggregate the other leg in the same way.

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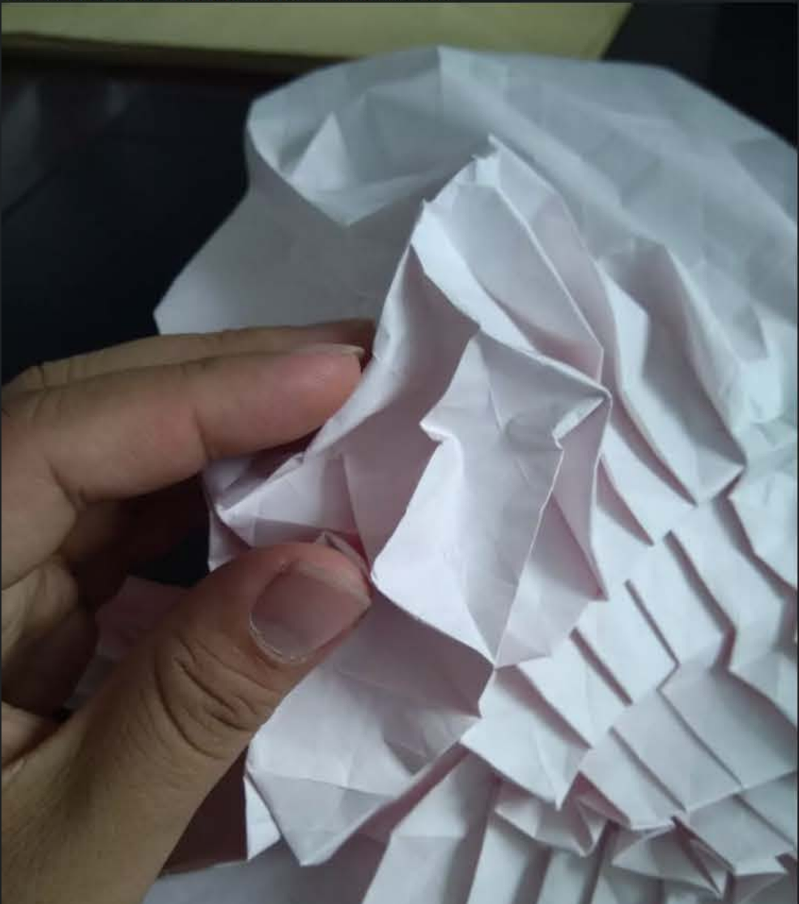
Also concerned about the existence of hexagons



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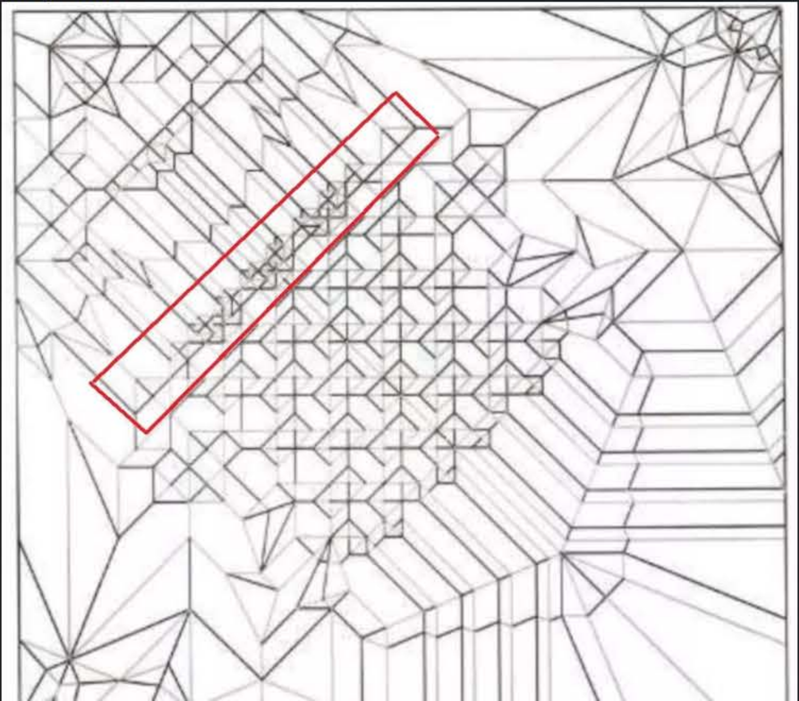
After the two sides are processed, we continue to aggregate upwards to complete the small cross lattice at the neck of the chicken. We often hate this kind of line, but it is the focus of direction and change during the aggregation, so this line needs to be carefully This is done, I suggest that you start with the long line above and correspond to the slashes one by one, and finally open the intersections one by one to solve these small problems.



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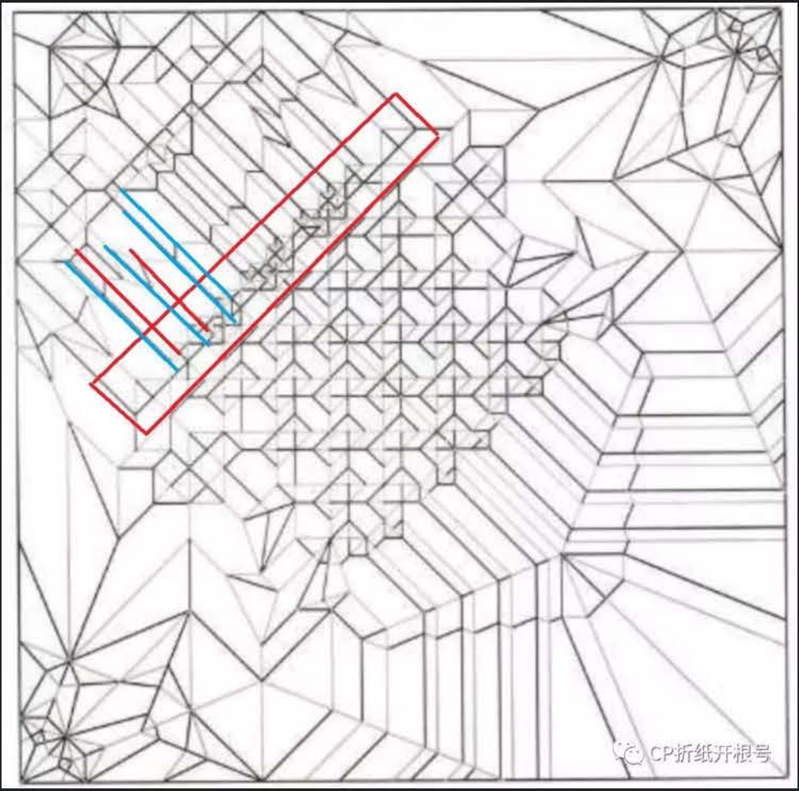
Start from the top and break the blue and red lines



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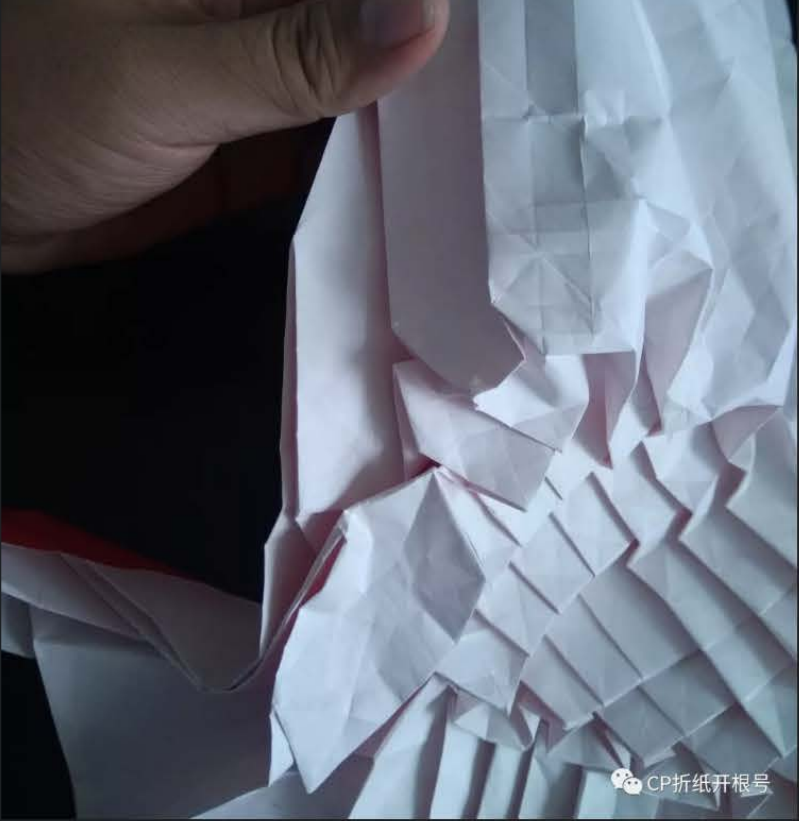

Pull from left to right and re-aggregate

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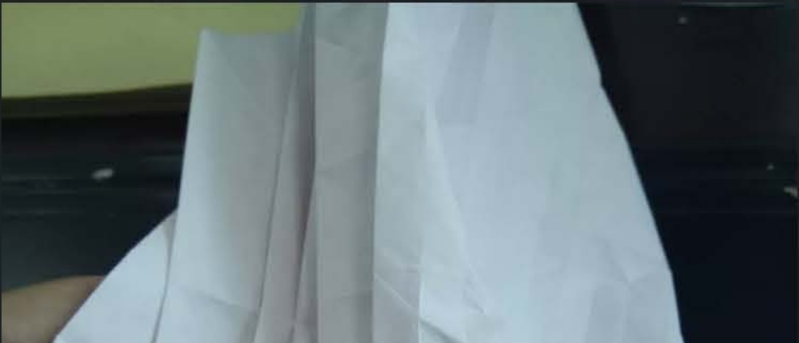

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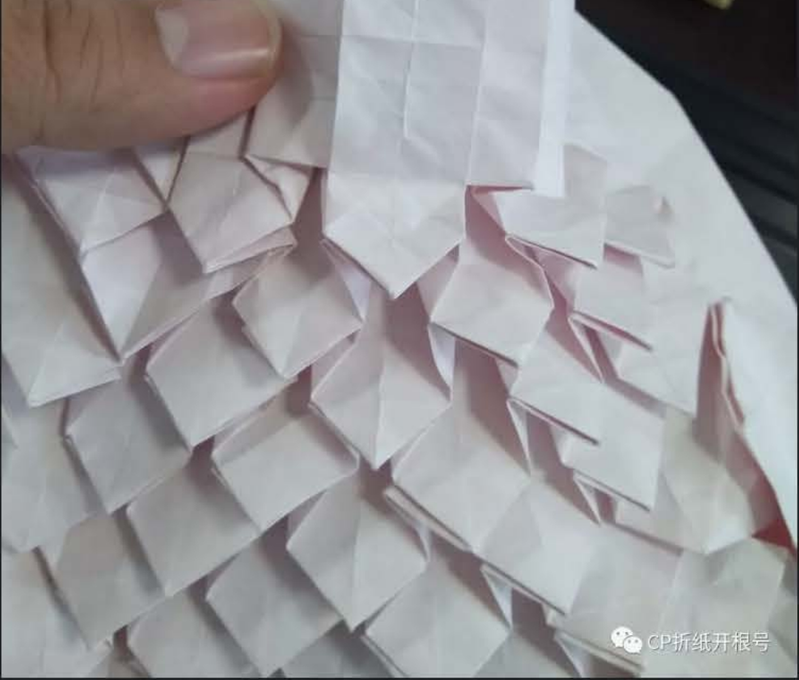

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Here are some close-ups

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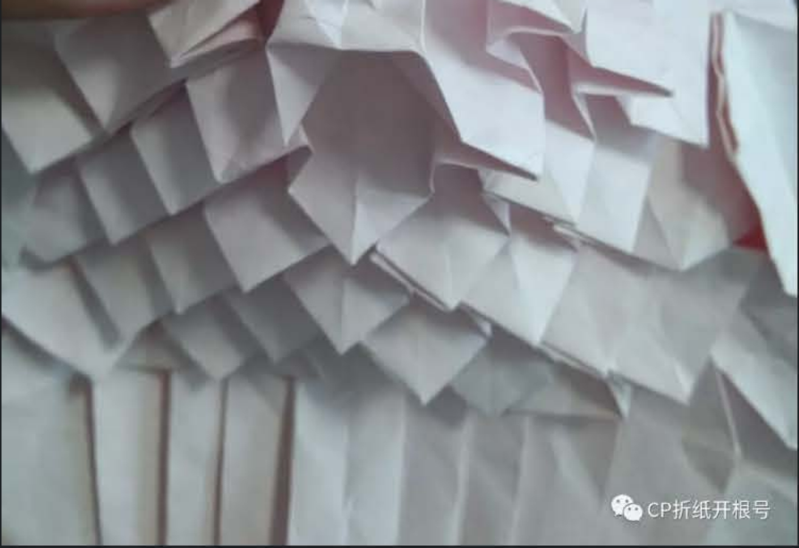

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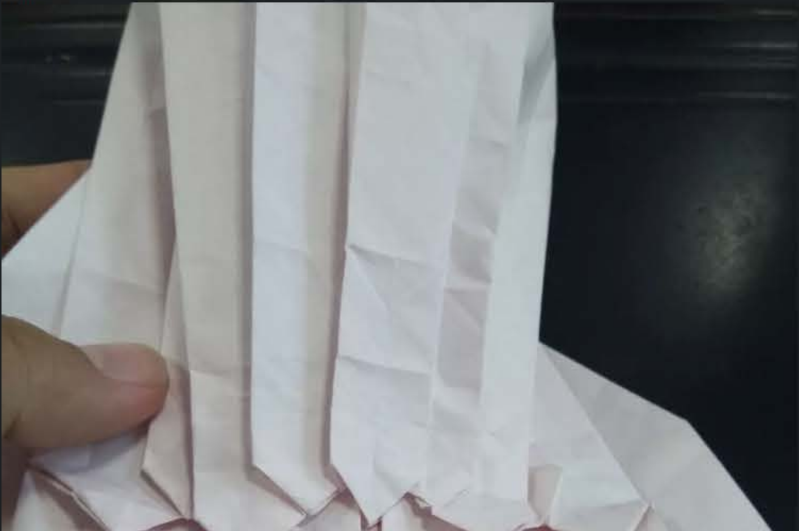
As shown in the figure, the lower part is retracted into it to form the structure shown below.



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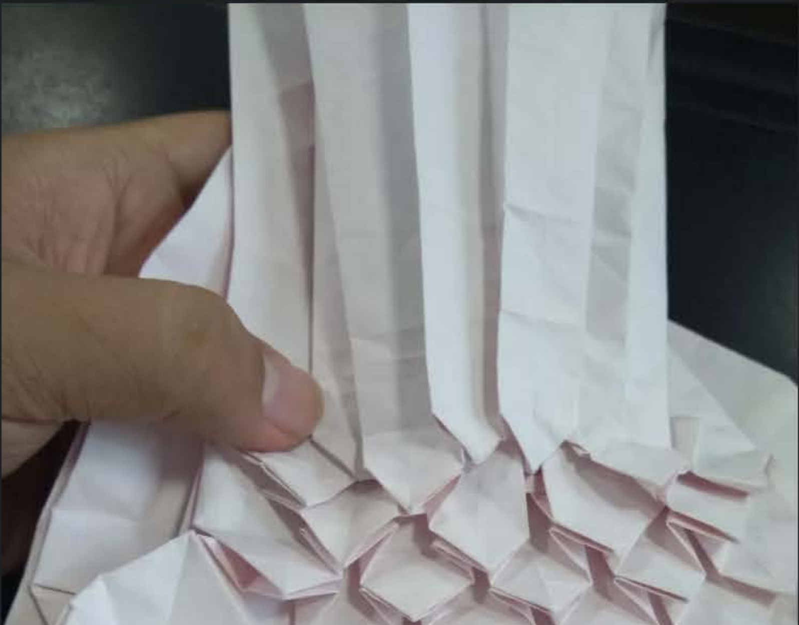

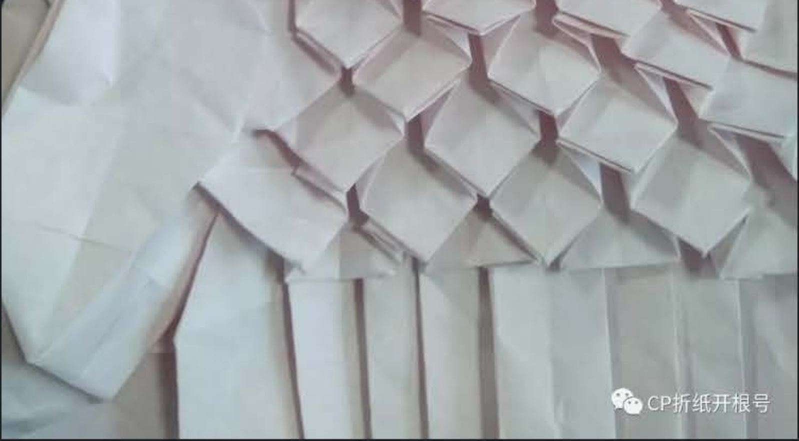
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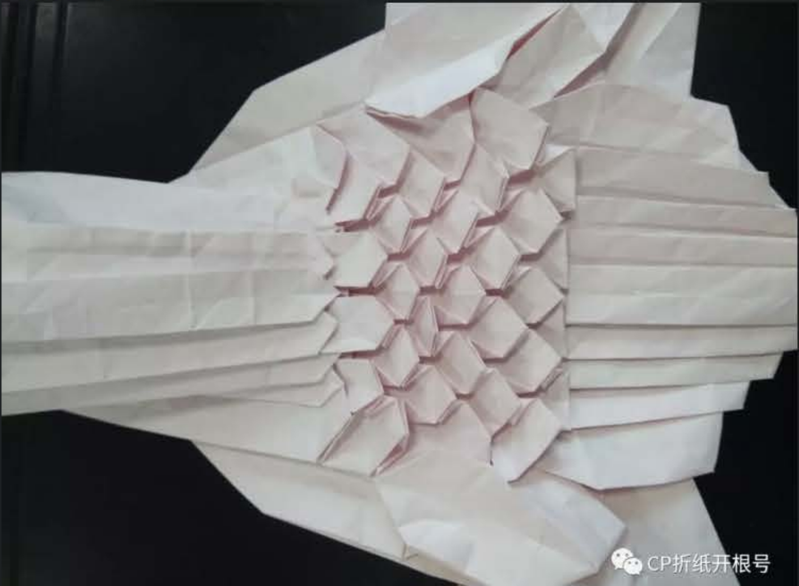
Continue adjusting other positions.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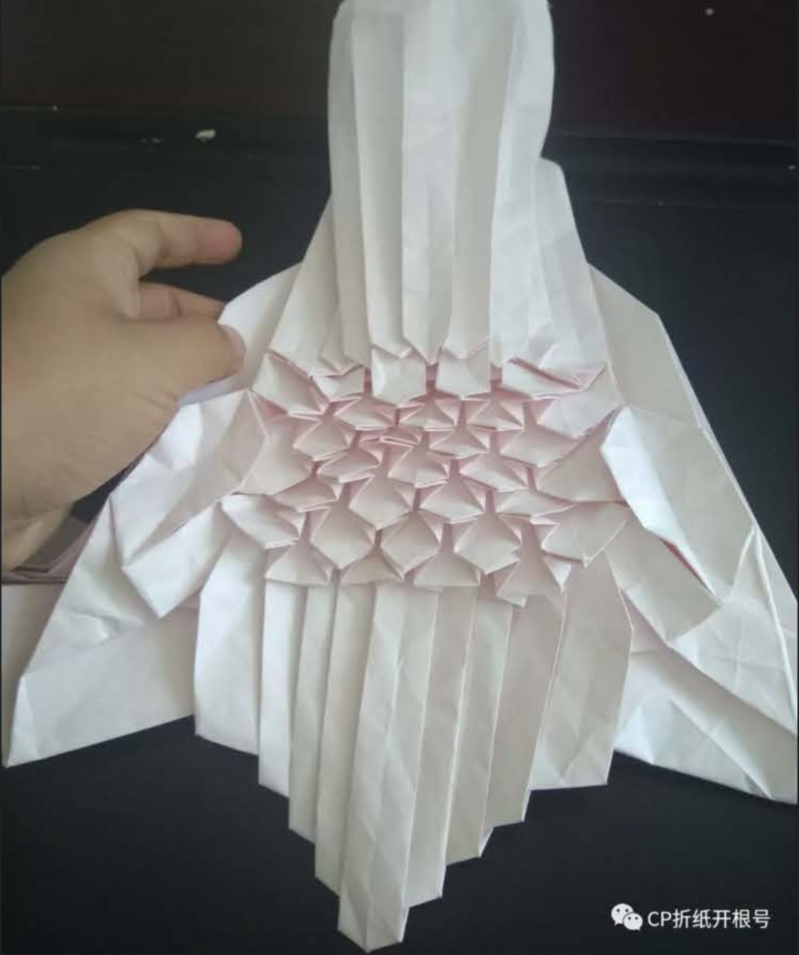
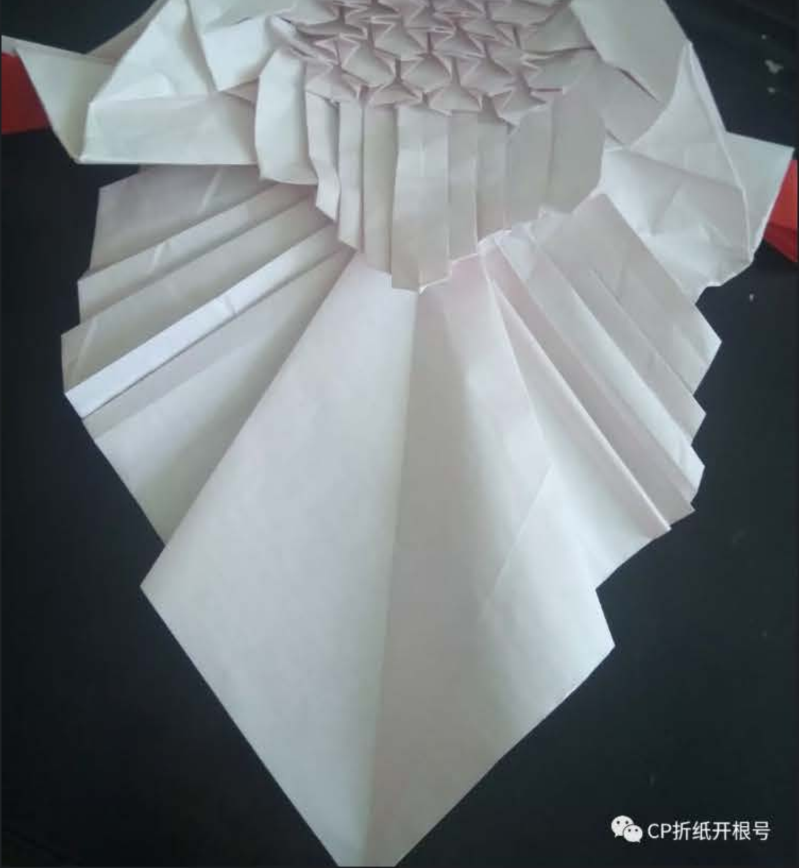
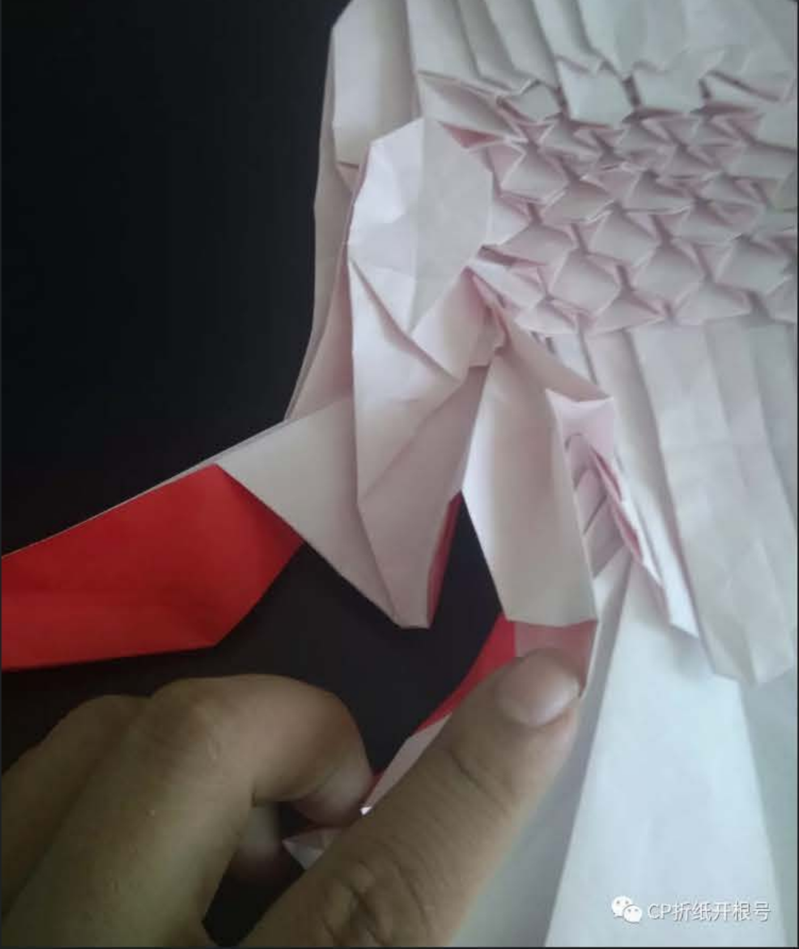


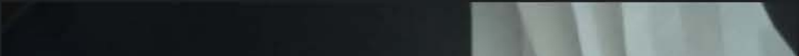
Pull out the lower tail part


CP折纸开根号

Adjust the connection between the chicken leg and the body.



On tail feathers



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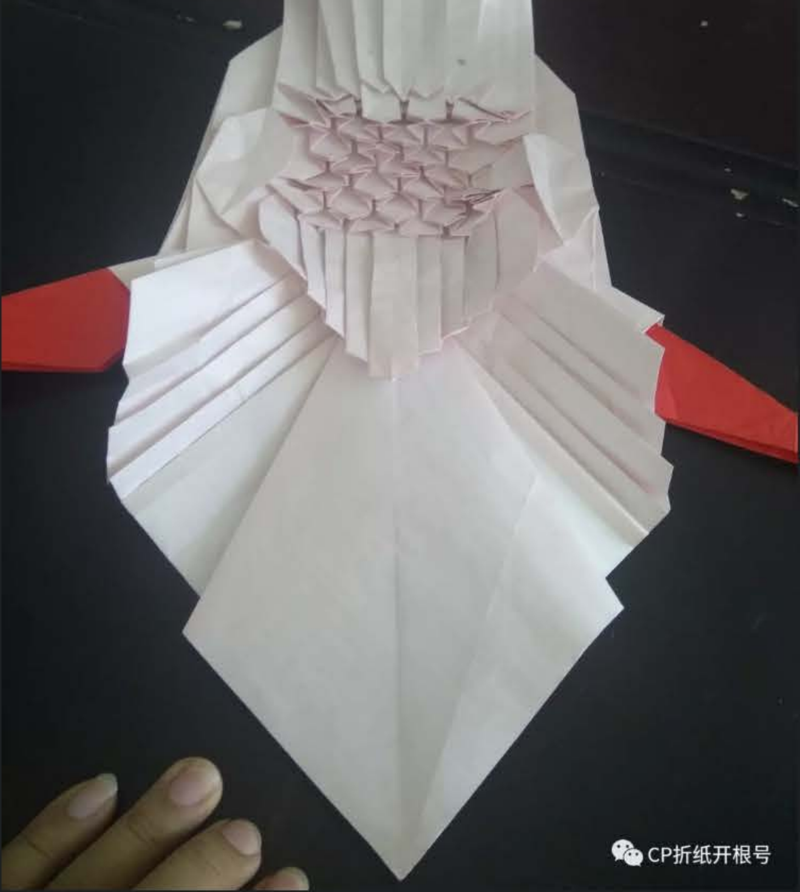
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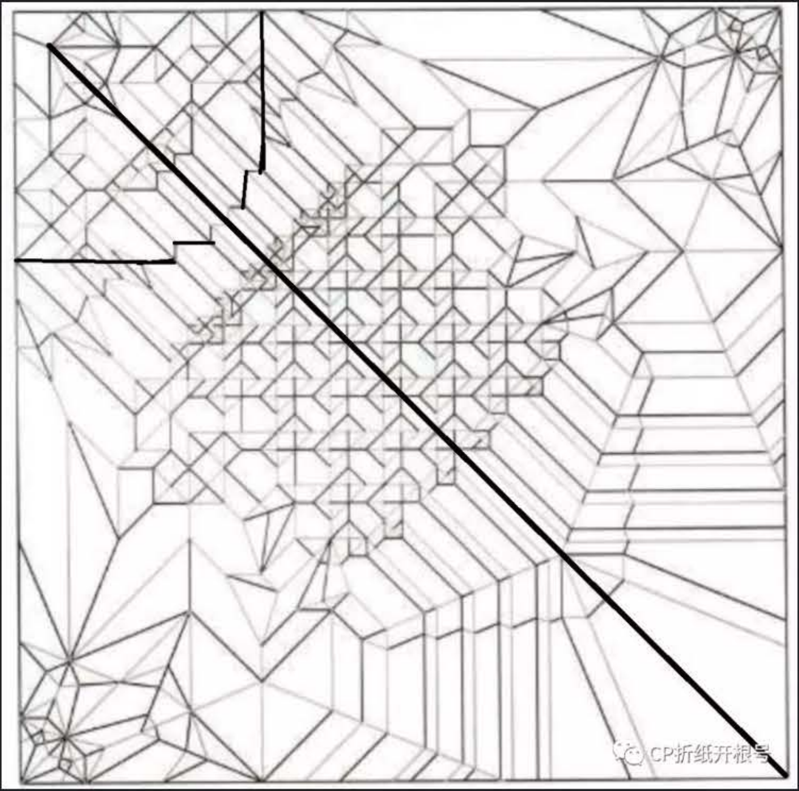
Below we fold the whole from the center line, and then fold down the neck as shown below



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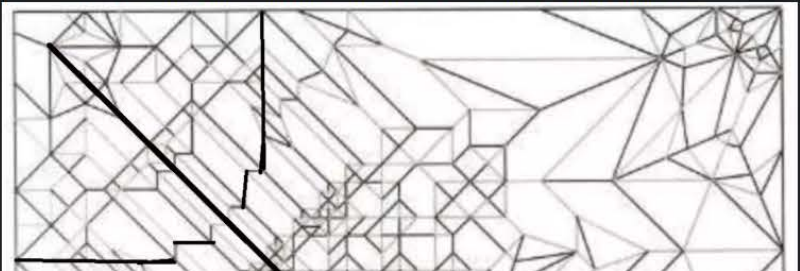
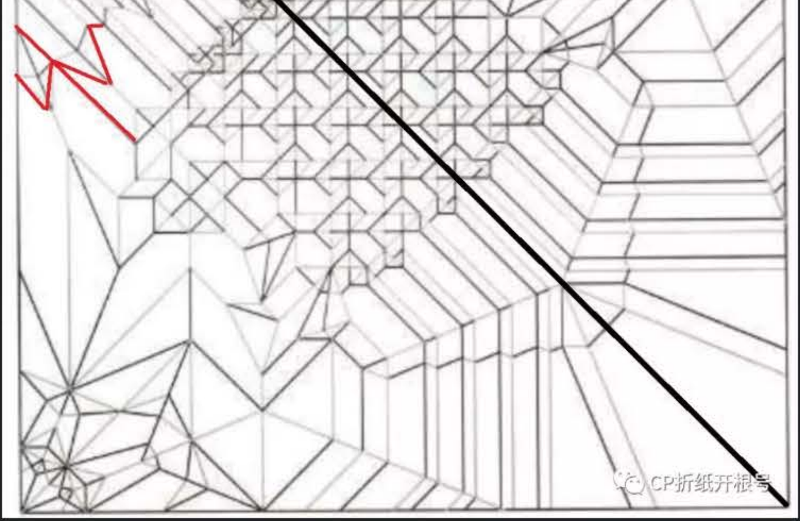
Next, the red line in the following figure is processed, mainly to make the connection between the head and neck and to better connect with the internal short line.





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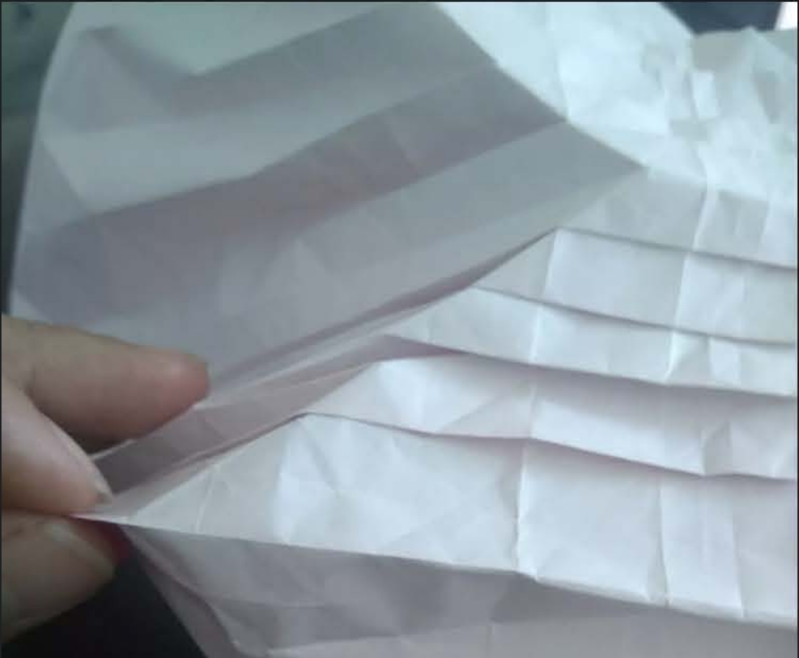

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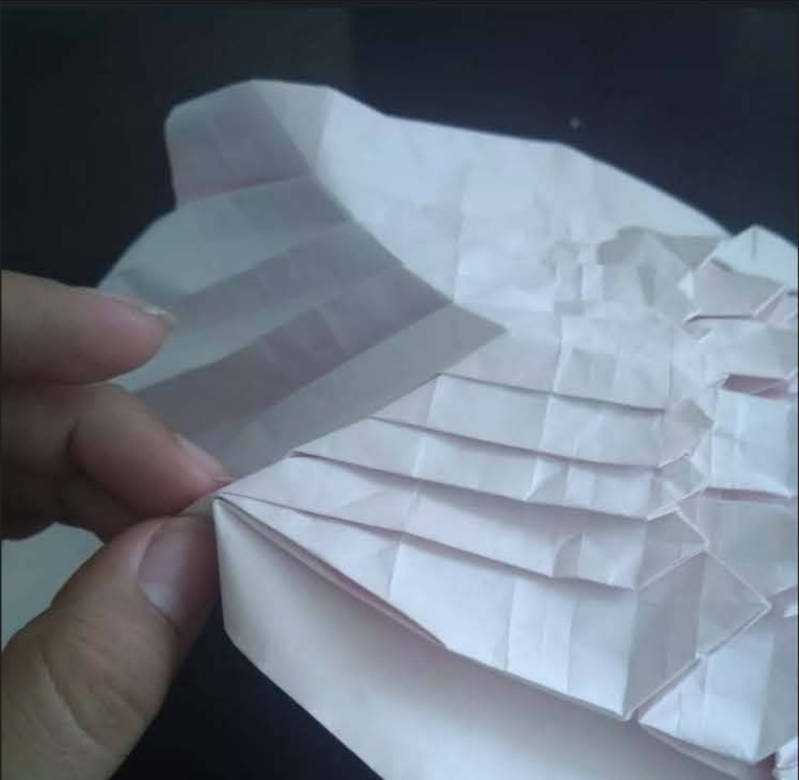

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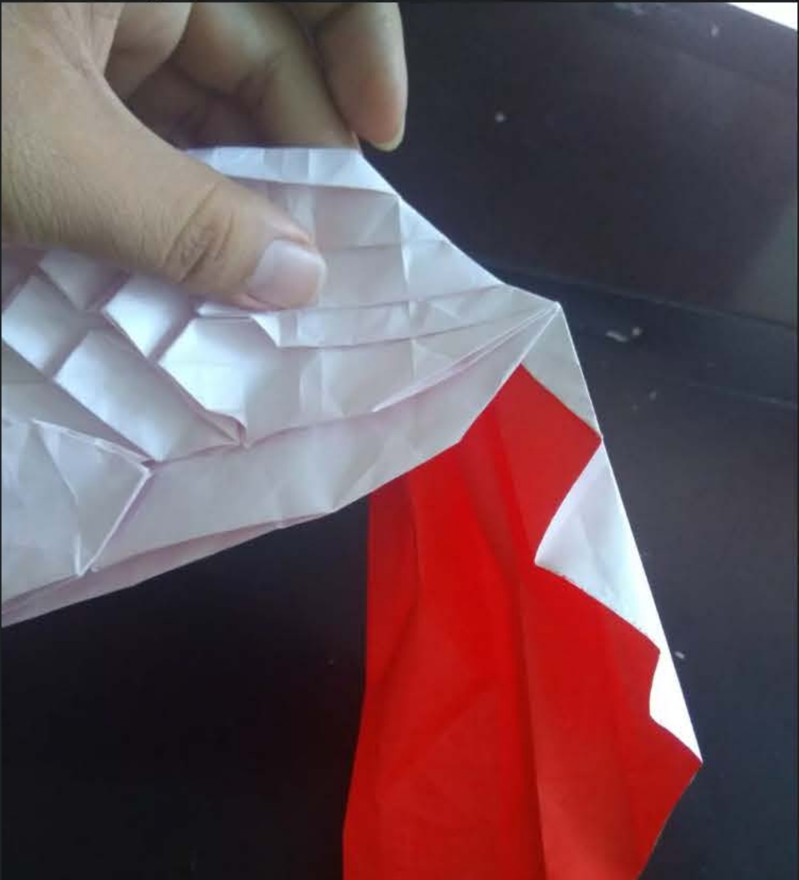
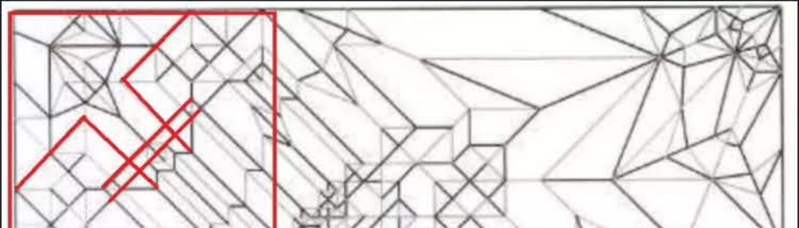
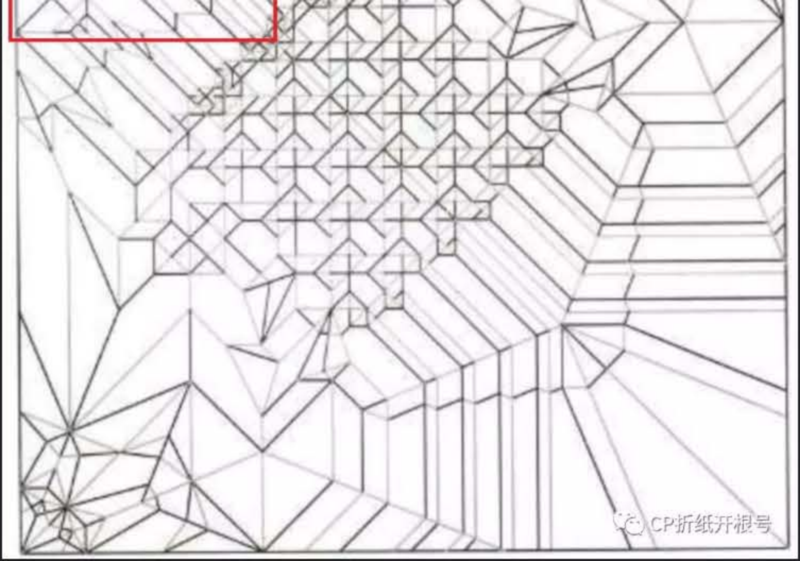
The same folding method on the other side



Below we focus on folding the head. Many of the lines in it are a bit messy. I said before that if the foundation is not good, friends recommend using a separate square or some paper to practice the line alone. I do n't know if it 's really there. How many people do this?

In short, let's start, whether it is the whole or alone ,,,,,,,





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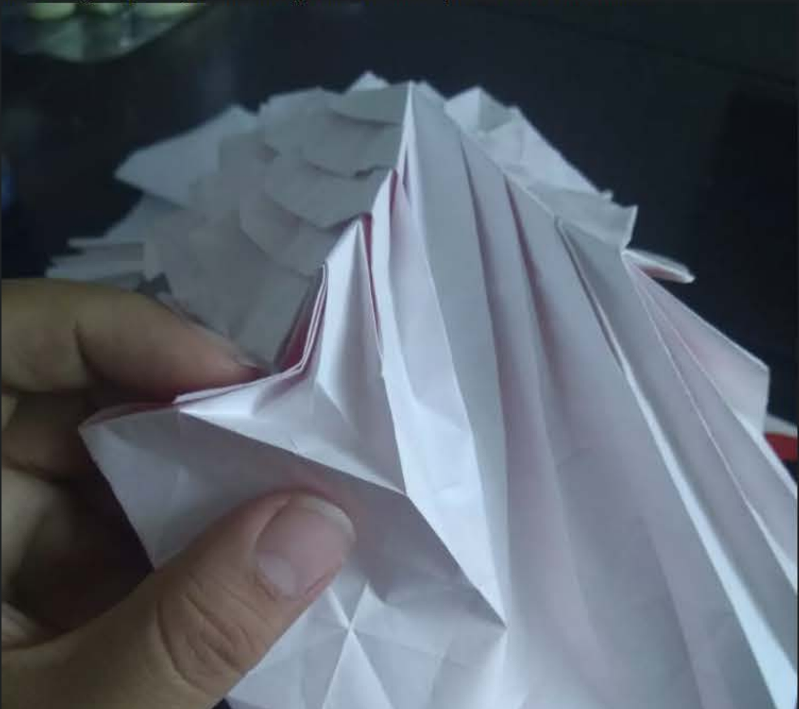
Here we give priority to the long-line structure, partition the interior first



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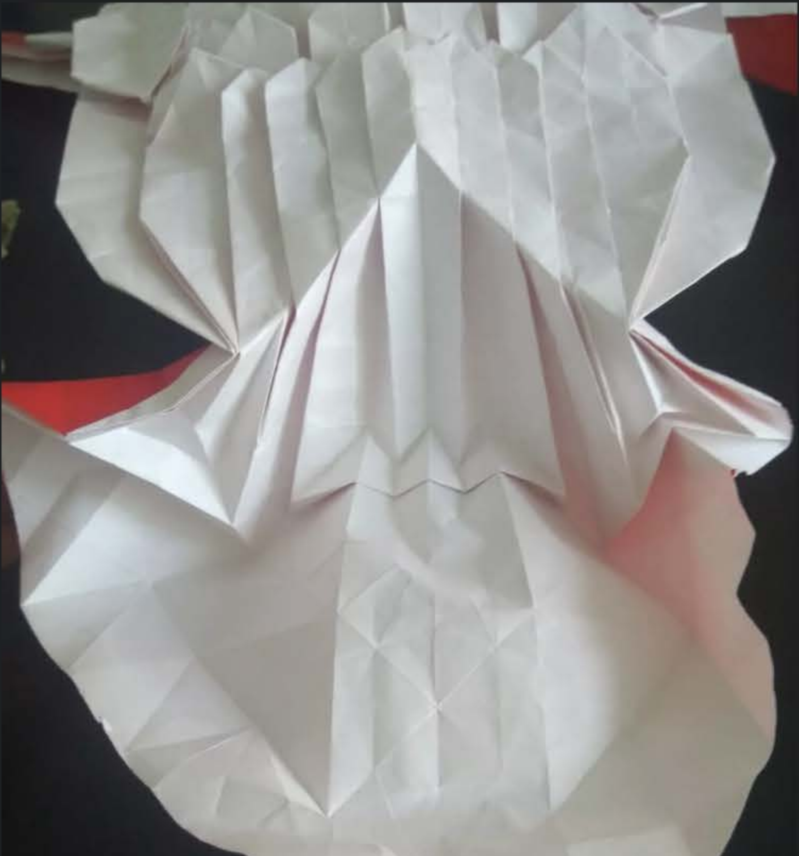
After pulling apart and partitioning, we start from the middle and get a double-layer synchronous crease inside.



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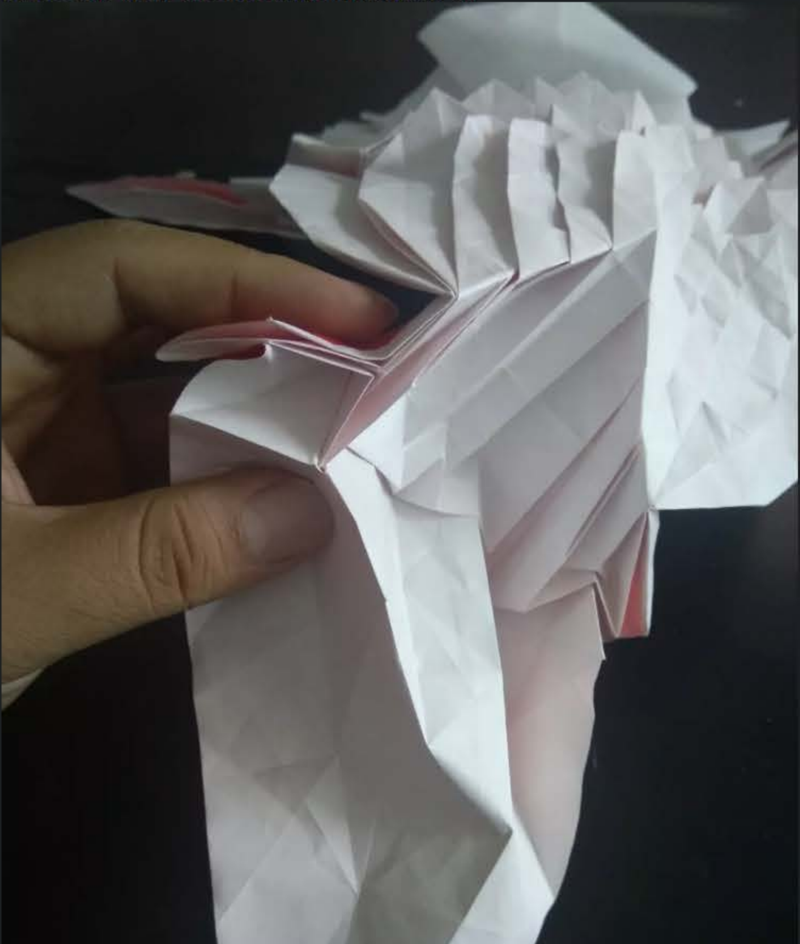
Process the upper part according to the line on Cp



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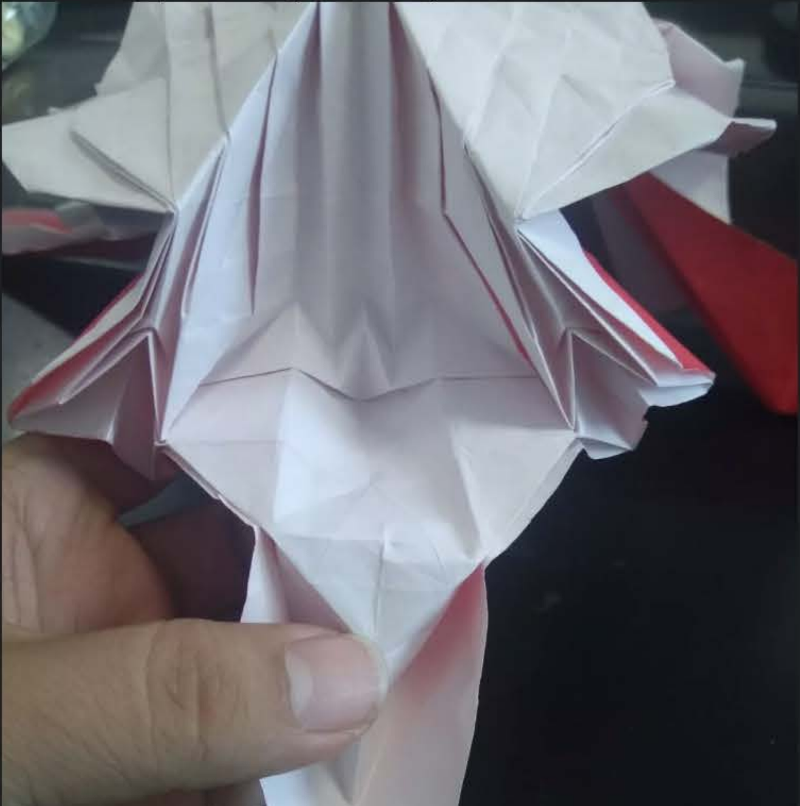
As shown in the figure above, we have processed the internals, and then we have to complete the inverse and outermost parts.

Here, first fold out the long line, especially the multi-layer synchronous long line, as shown in the two peak and valley lines in the figure below.



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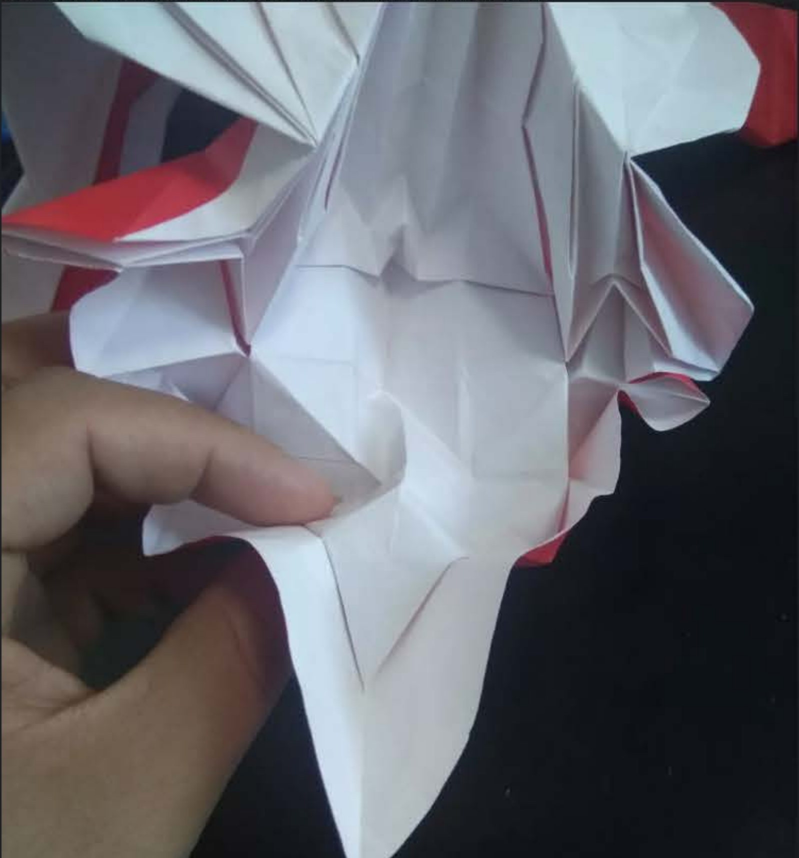
After the long wire is pressed, we gently pull away the middle part and start to divide it into four parts according to the paper crane structure in CP.



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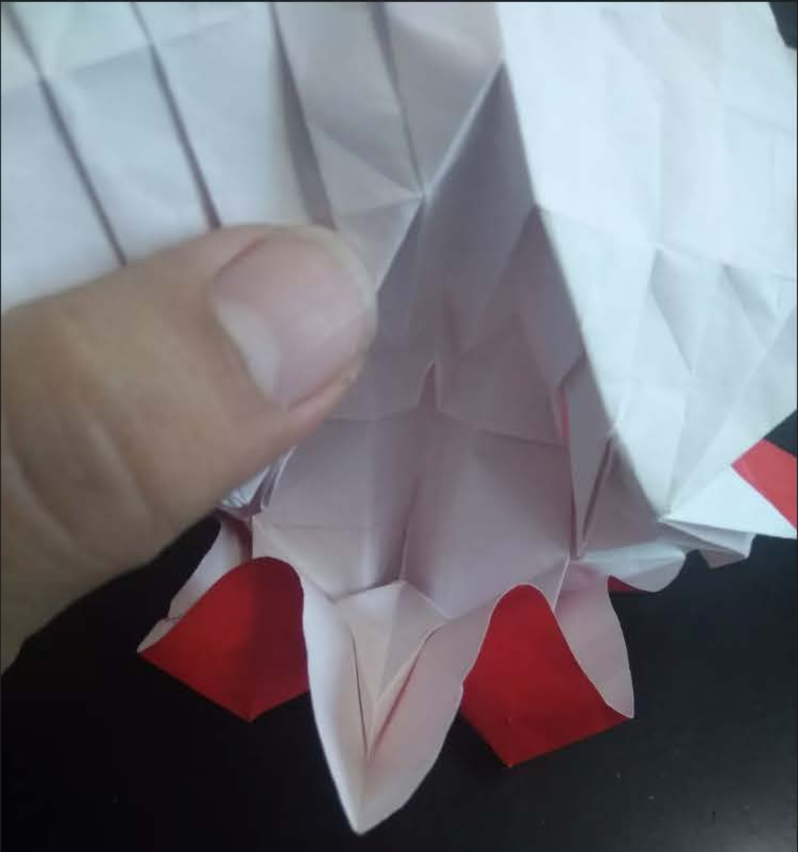
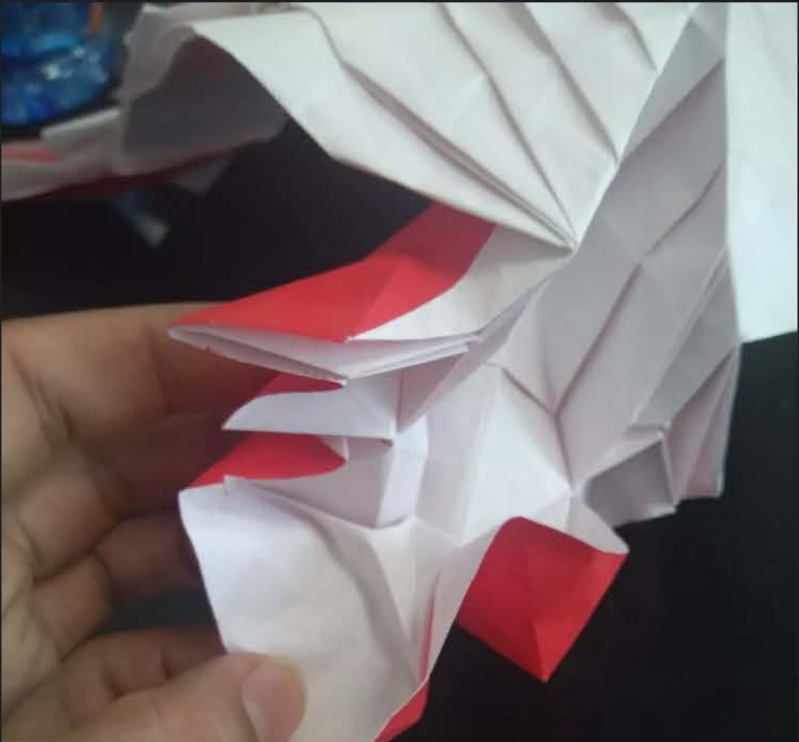


Let's break down each part



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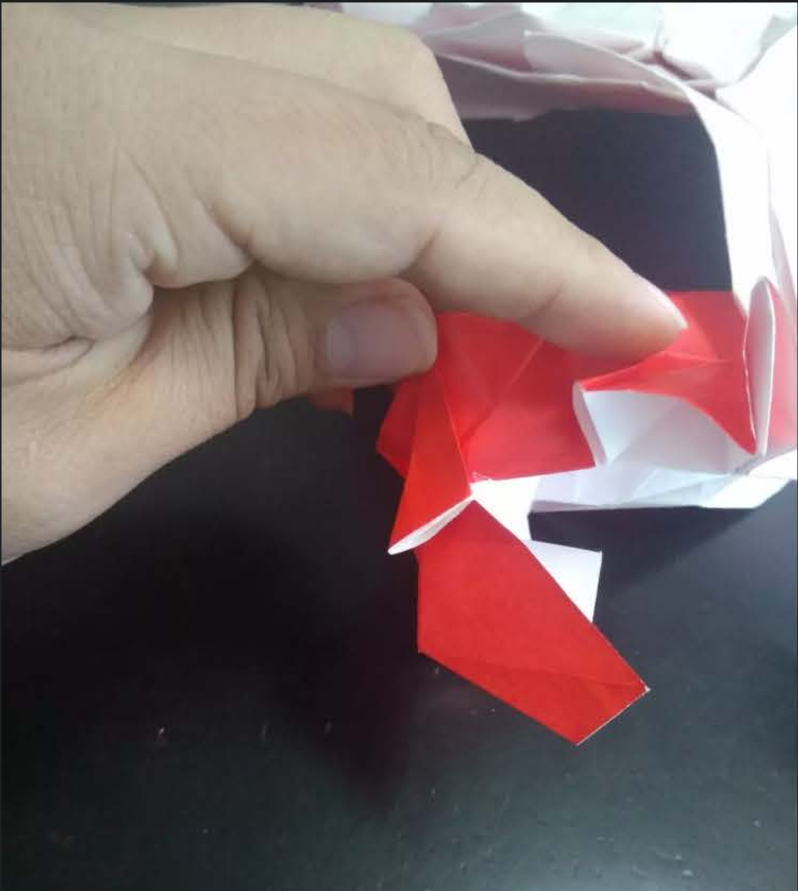

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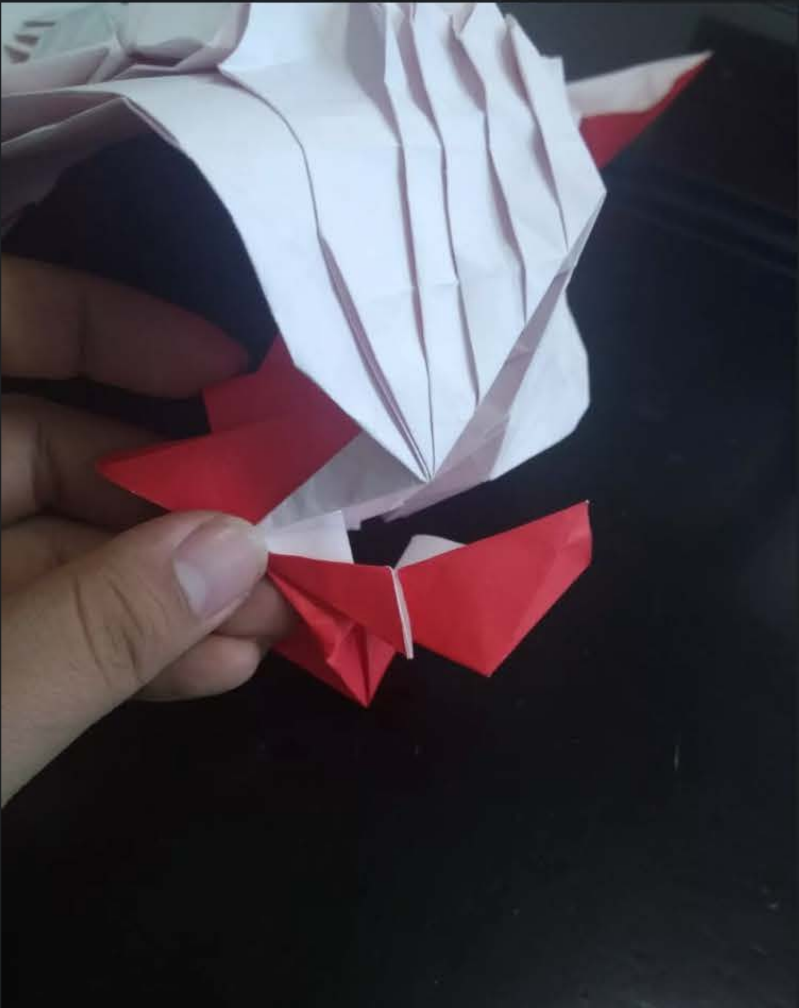

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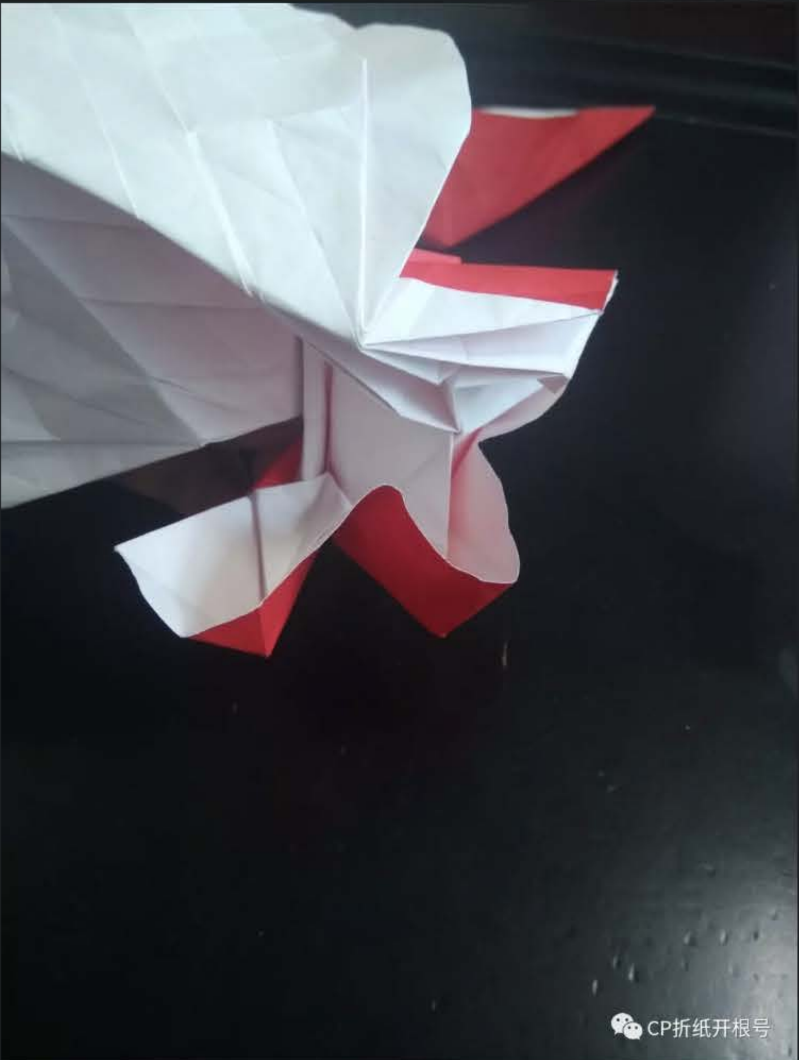

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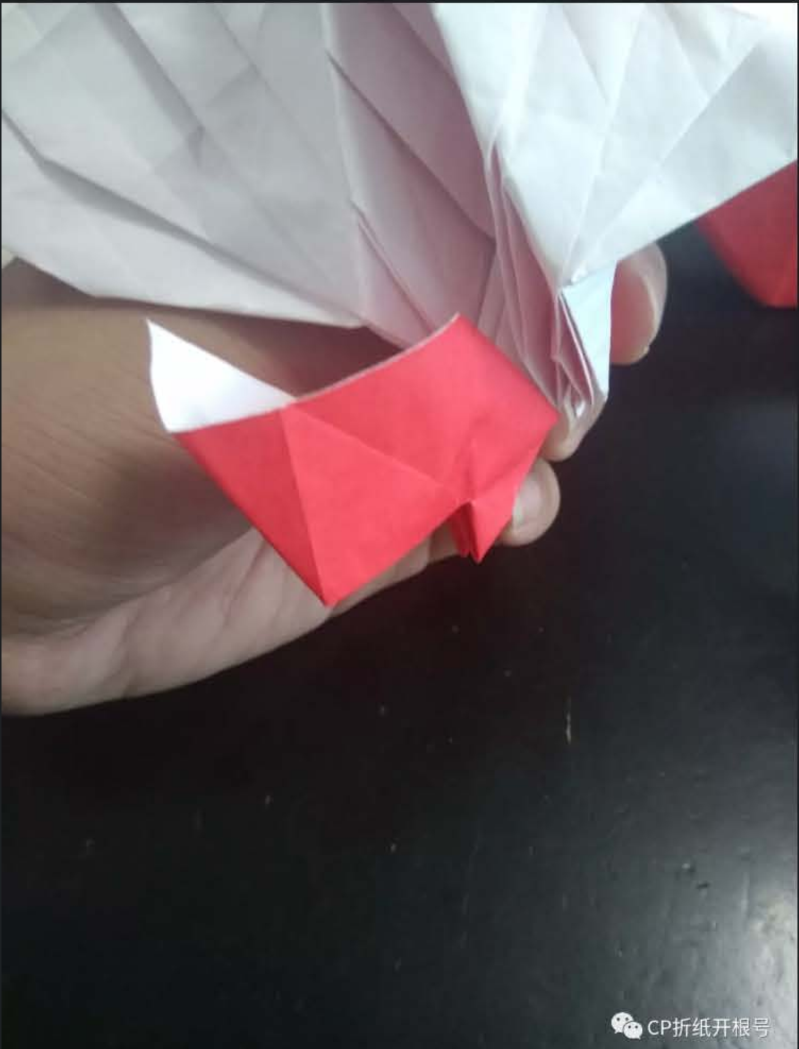

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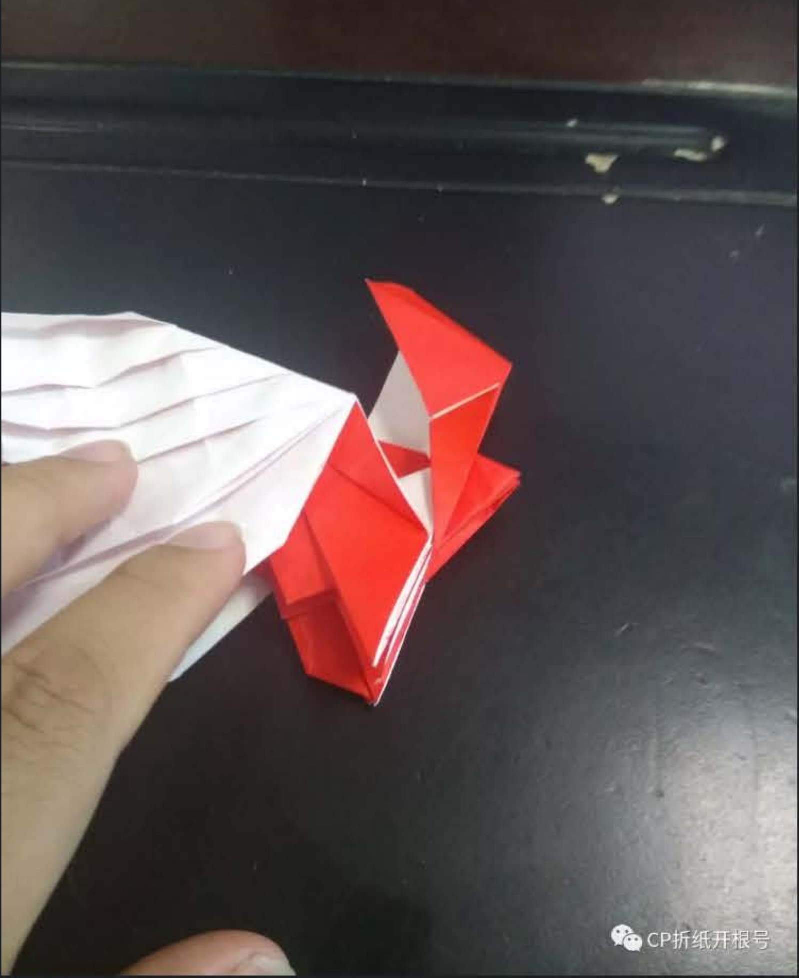
Another direction



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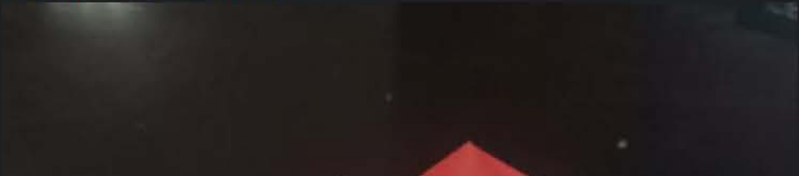
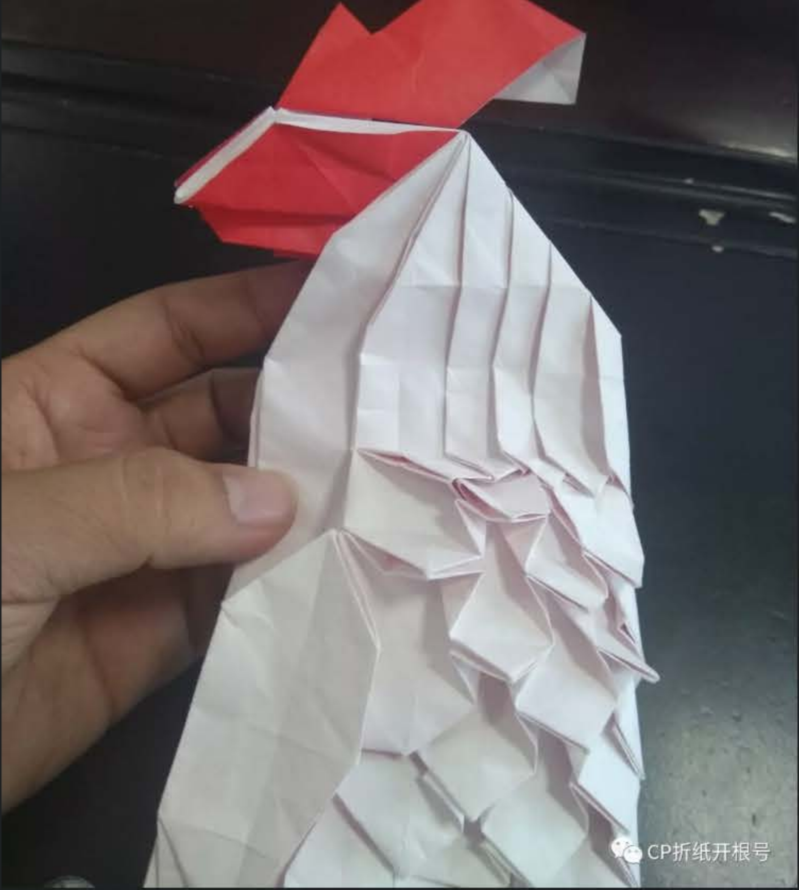
I have to reverse the color here





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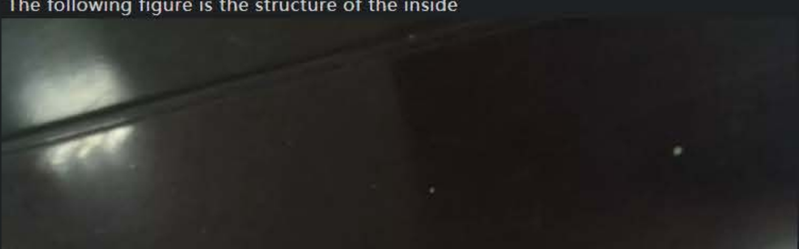
The following figure is the structure of the inside



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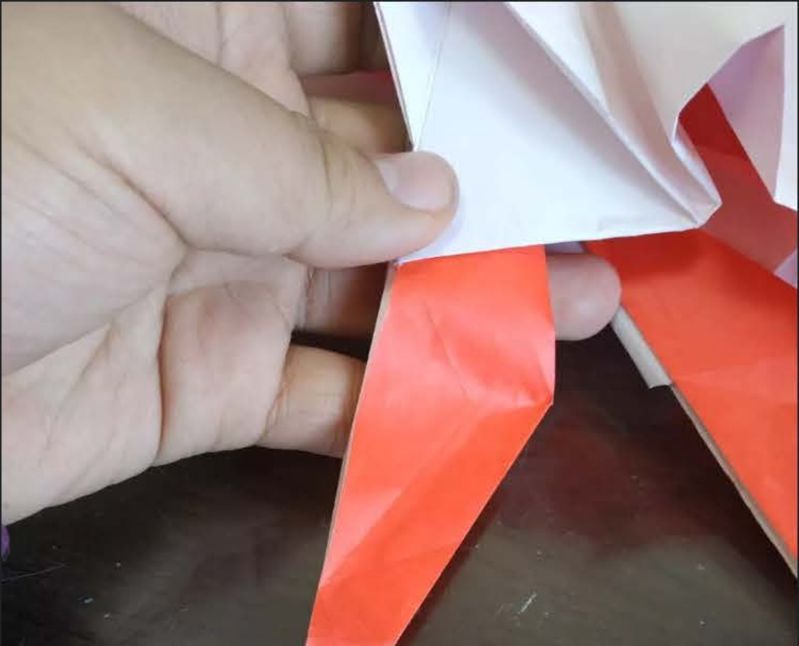
Next we have to fold the two legs in detail.
First we pull out a leg and pull the surface paper layer for local inversion



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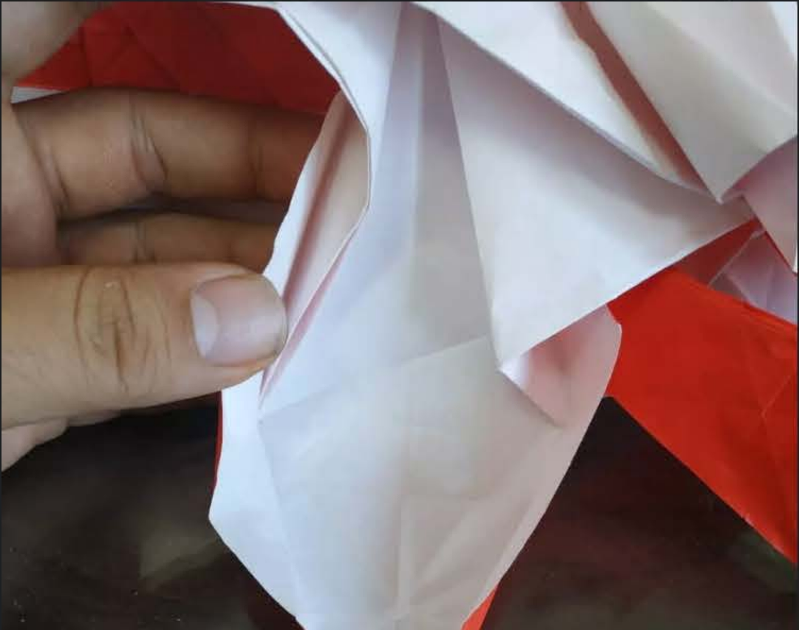

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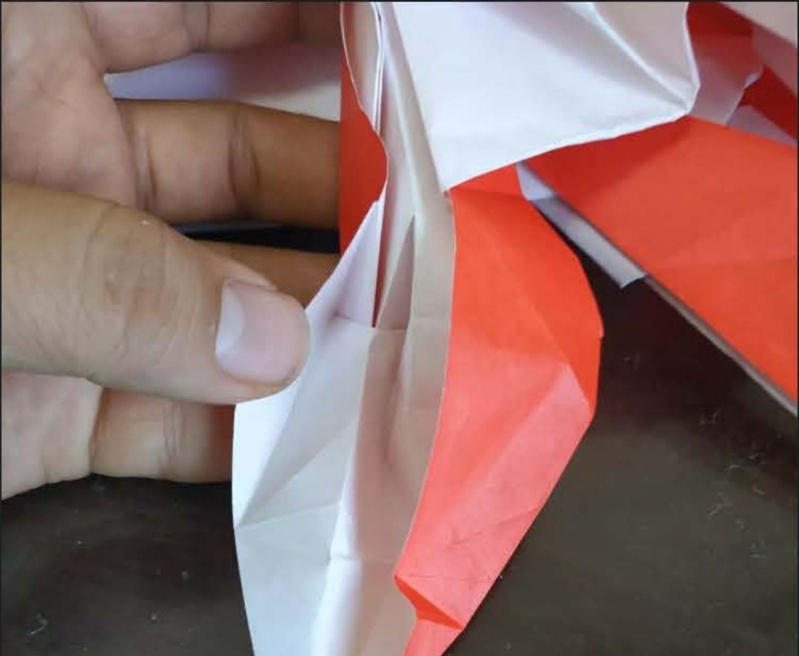

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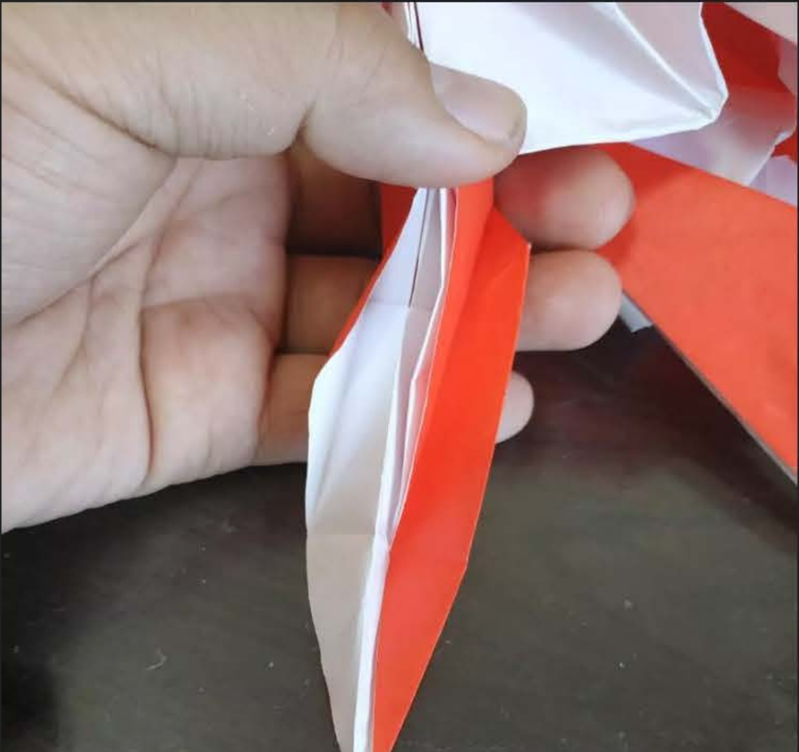

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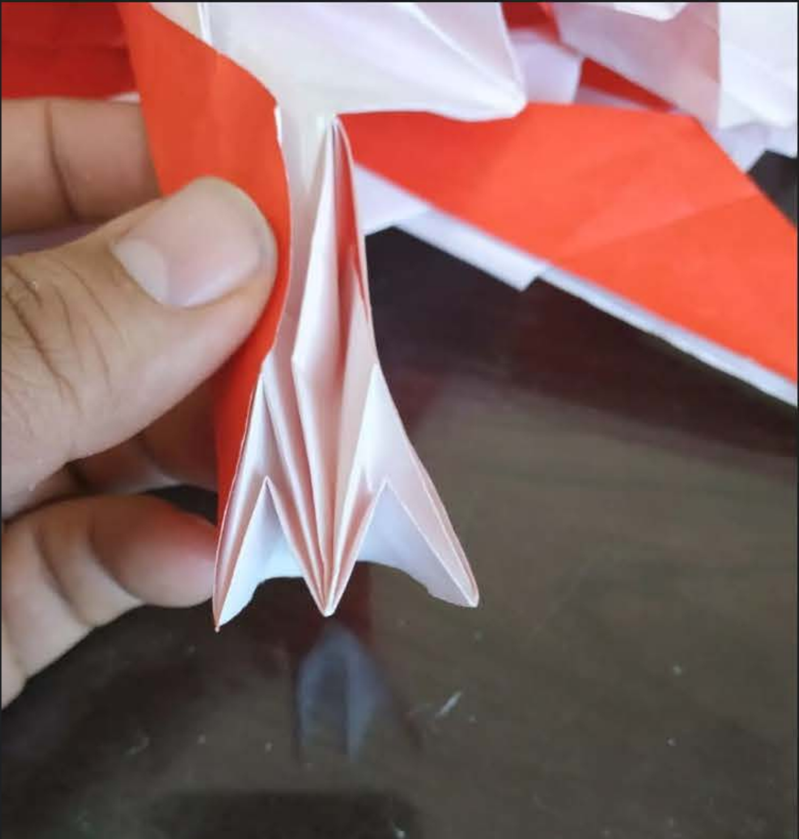

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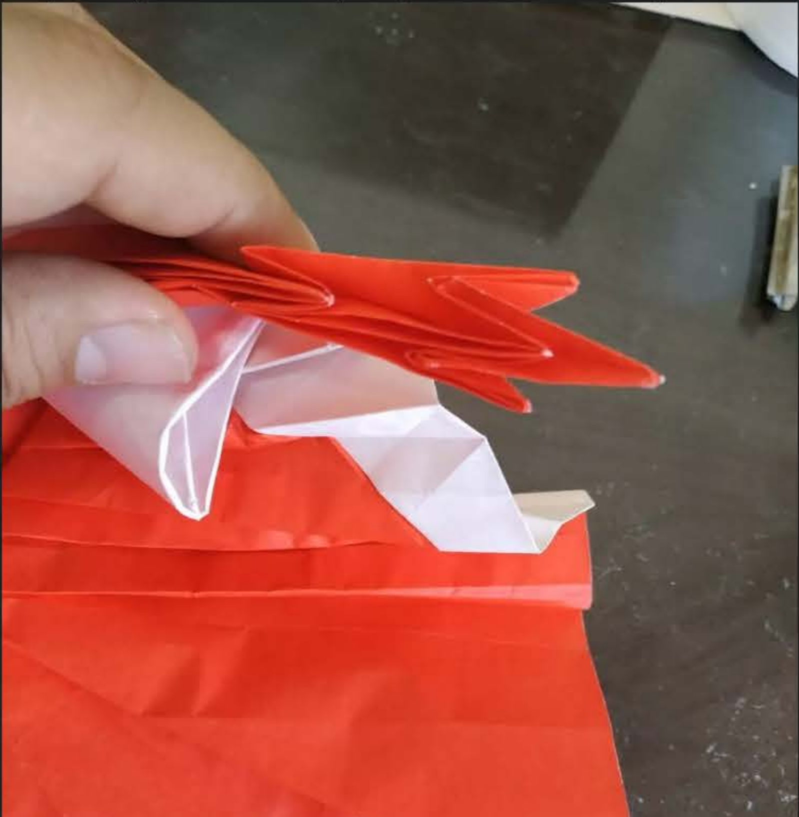
Pull up the long corner first according to CP, then fold out the remaining three corners



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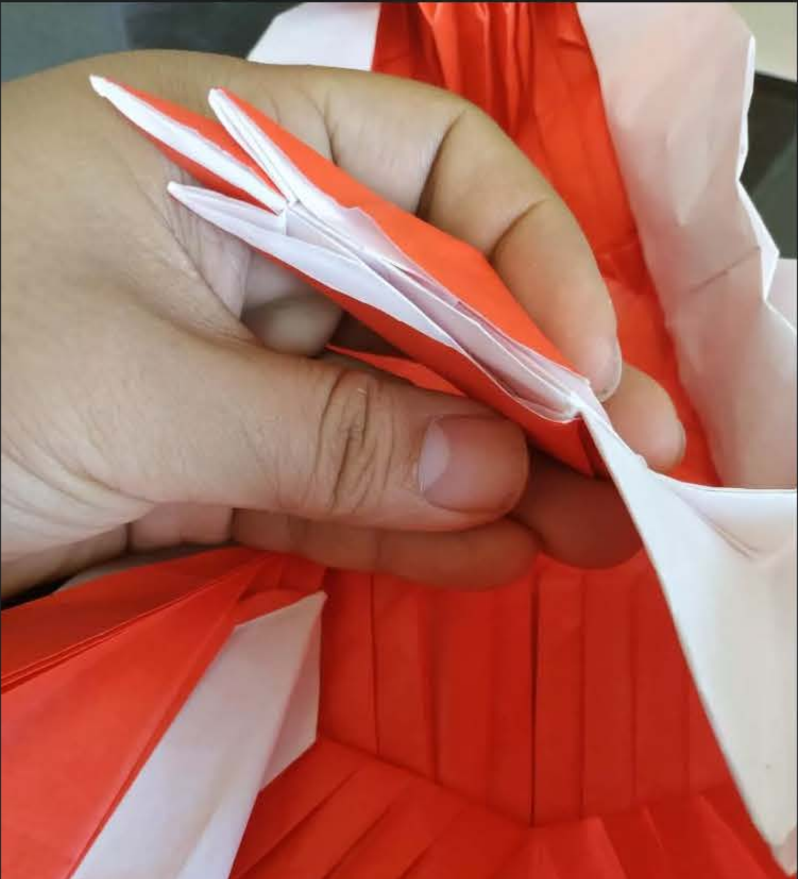

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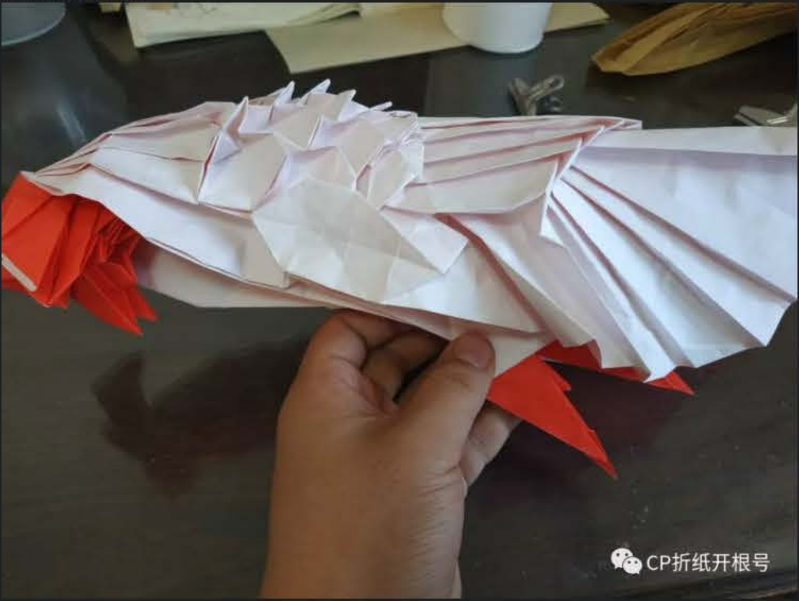
After the feet are adjusted, we open the whole chicken, smooth it out, and prepare for plastic surgery.


CP折纸开根号

The next plastic part is done by everyone!
The plastic surgery of my work will meet you in a future egg season! Stay tuned!

So this issue is over. Has everyone converged successfully?

See you next time!