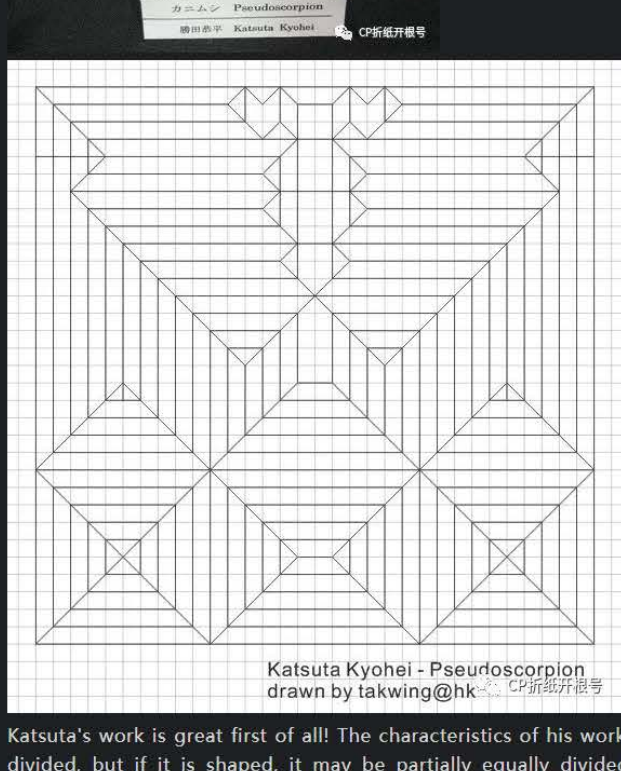
Explanation of No.19 Public Issue No. 19th CP Warm Knowledge 3 Discrimination Branch

Origami student Takayama CP origami opening number2018-03-03

Katsuda Kyohei ’s work should be commented by some netizens. In this issue, I will explain how to judge the branch, so I found a simple CP to talk about, and then we will take a look at the finished product according to the simple shape.
Let's get to know this picture.

カニムシ Pseudoscorpion
勝田恭平 Katsuta Kyohei
CP折纸开根号


Katsuta Kyohei - Pseudoscorpion
drawn by takwing@hk
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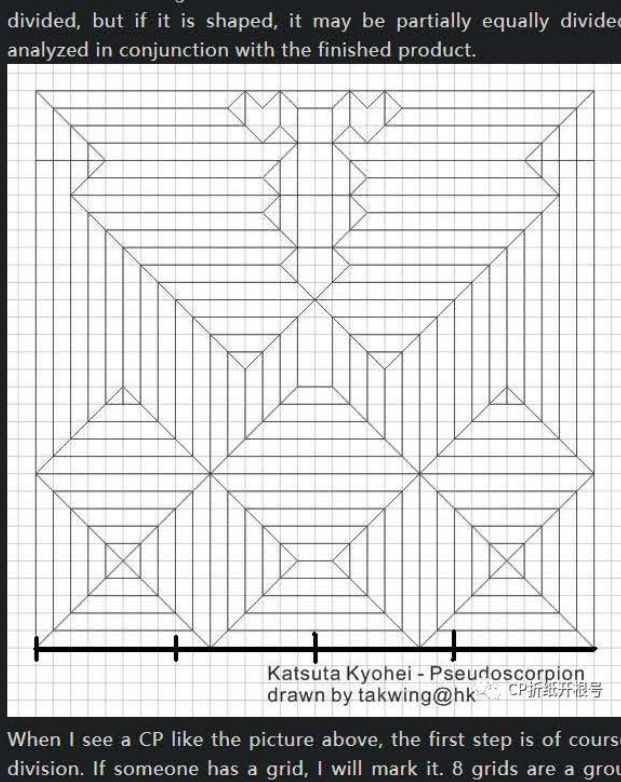
Katsuta's work is great first of all! The characteristics of his works are often not evenly divided, but if it is shaped, it may be partially equally divided. This picture can be analyzed in conjunction with the finished product.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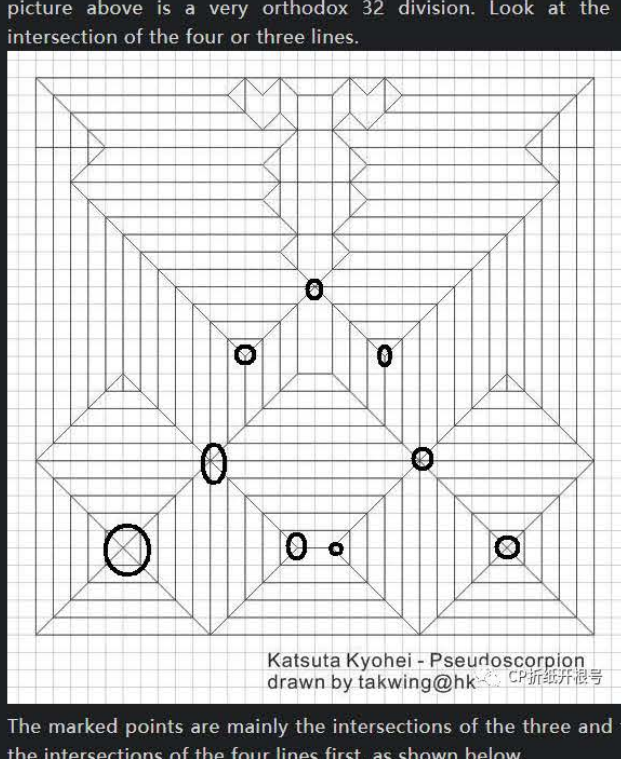
When I see a CP like the picture above, the first step is of course to visually divide the division. If someone has a grid, I will mark it. 8 grids are a group. Make sure that the picture above is a very orthodox 32 division. Look at the points, especially the intersection of the four or three lines.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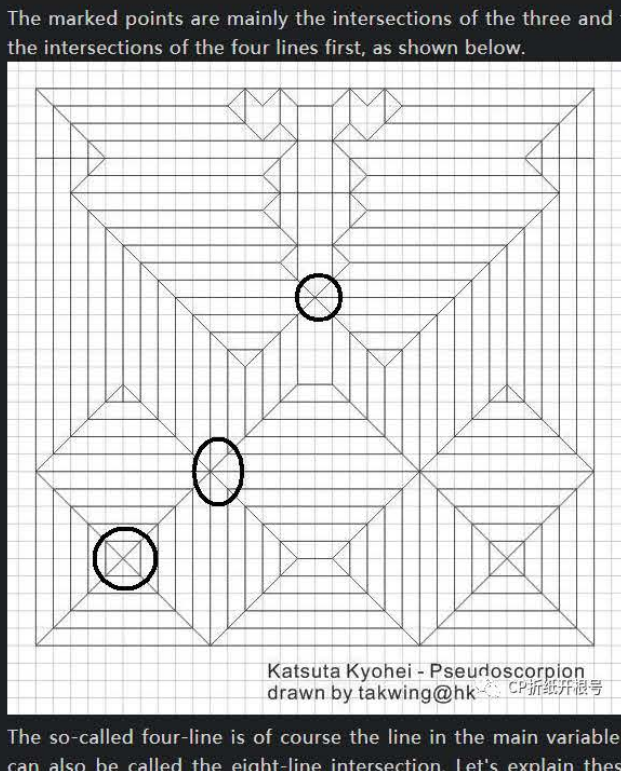
The marked points are mainly the intersections of the three and four lines. Let's look at the intersections of the four lines first, as shown below.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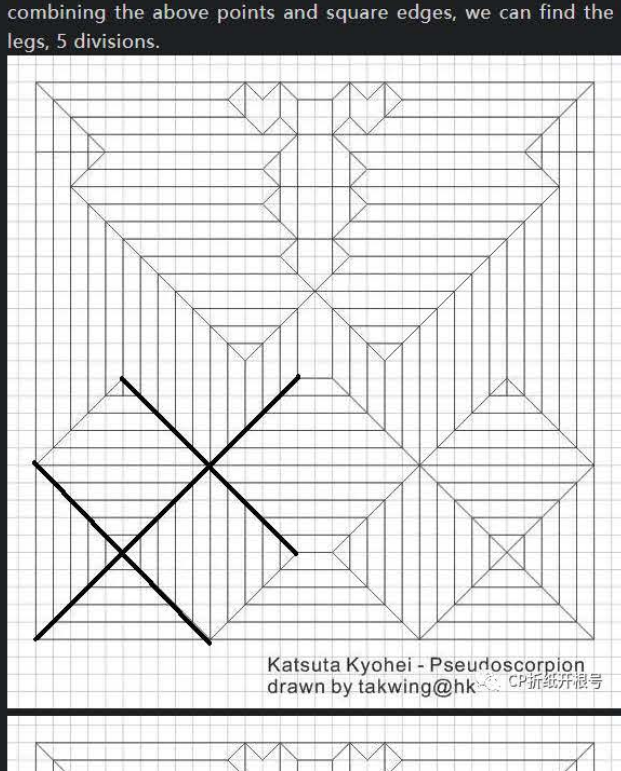
The so-called four-line is of course the line in the main variable direction, otherwise it can also be called the eight-line intersection. Let's explain these three points one by one. The uppermost point is formed by the intersection of square diagonal lines, and a line is passed horizontally, but no line passes vertically! why? This shows that there are no vertical creases in the closed graphic above and below this point, but the horizontal direction is blocked by the crossed diagonal lines. And what kind of situation will this blocking form after the aggregation? I believe that everyone has experienced it in the period of CP warming knowledge. Let's not talk about it here. The middle point, except that it is crossed by a diagonal line and also crossed horizontally and vertically, indicates that it is a protruding branch, otherwise how can the figures around it be folded? The bottom point is the most standard four-line point, and forms a layer of outwardly spreading quadrangular structure. This outward diffusion shows that it is the center of the diffusion and the innermost point, that is, the aggregation At the time it was hidden inside.

Finally, please take a look at the finished picture. It is not difficult to see that by combining the above points and square edges, we can find the length of the legs and legs, 5 divisions.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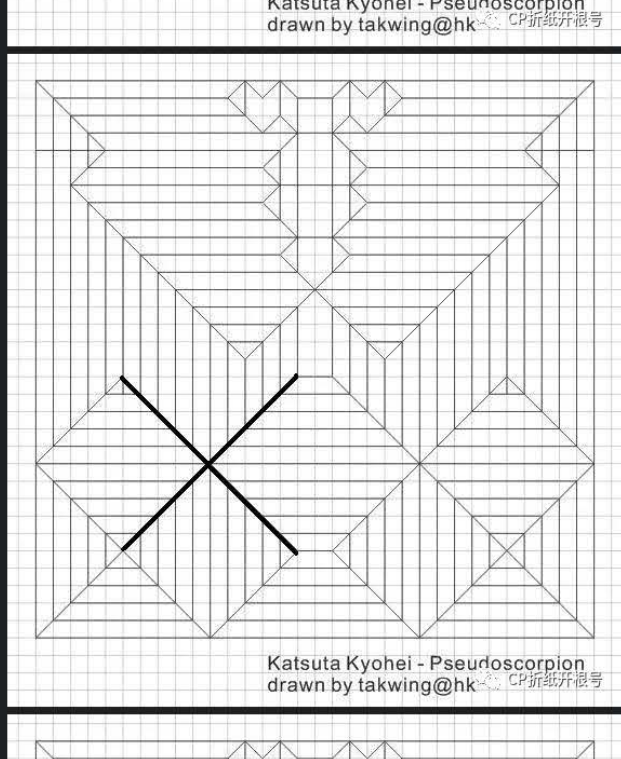
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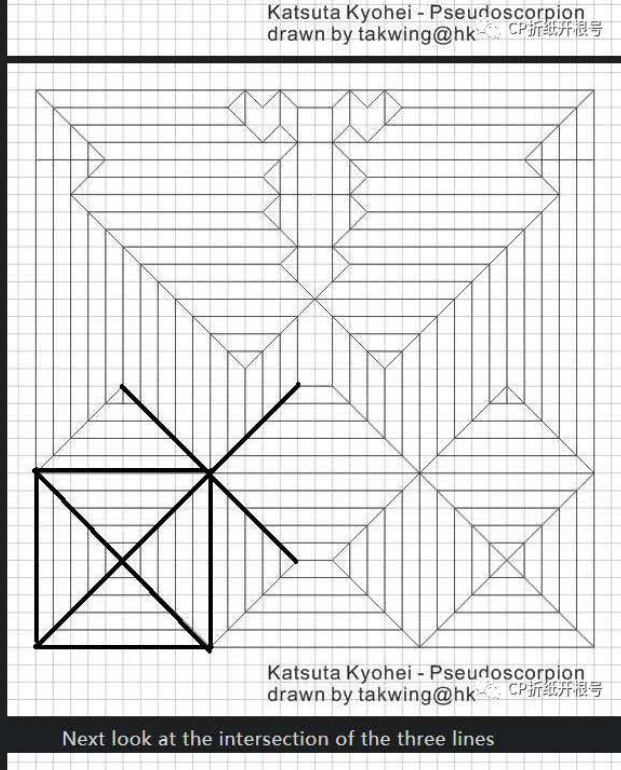
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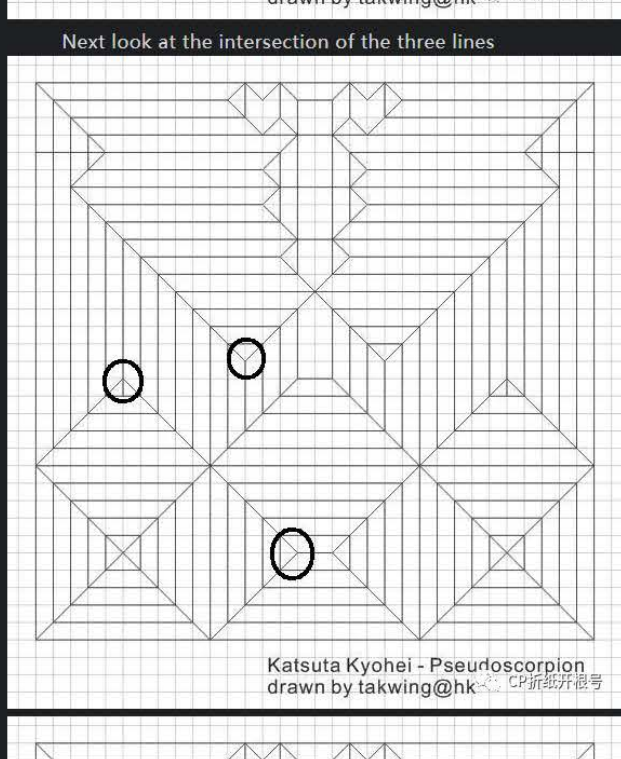
Next look at the intersection of the three lines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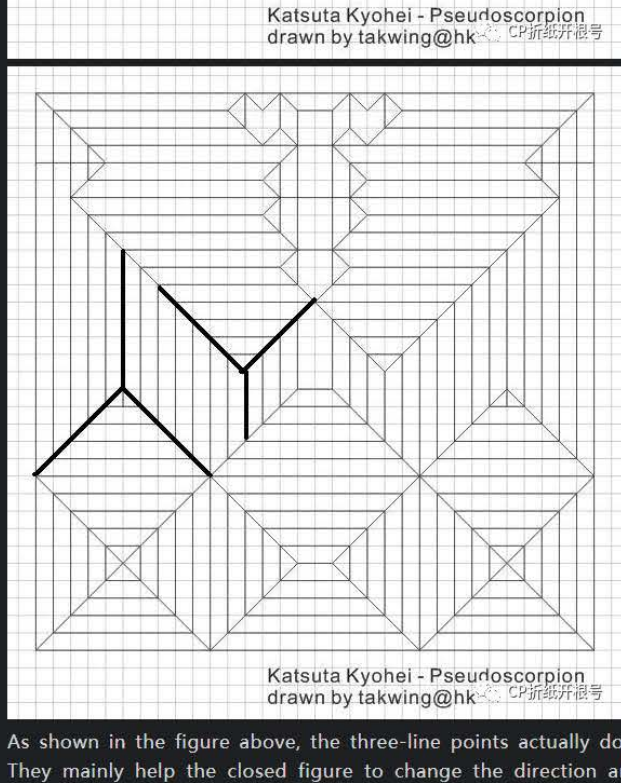
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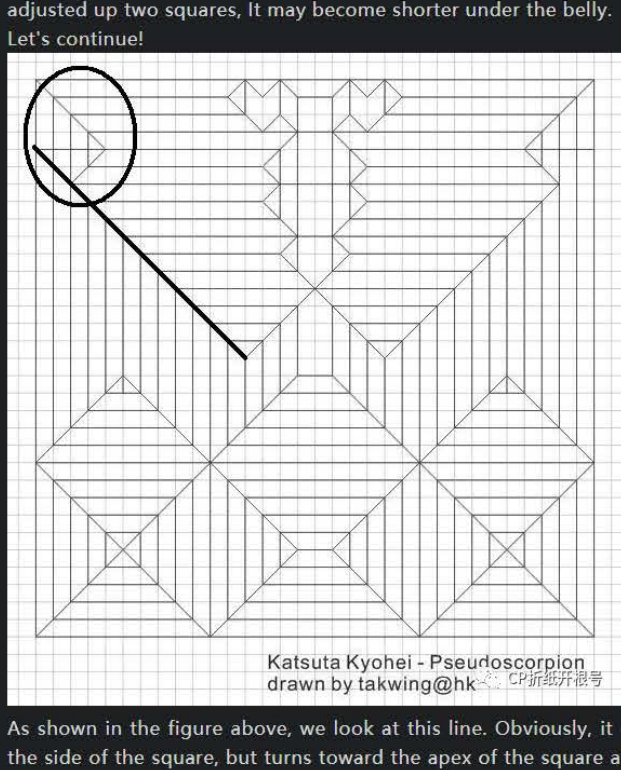
As shown in the figure above, the three-line points actually don't have much to say. They mainly help the closed figure to change the direction and make some length adjustments, so as to form an inflection point at a certain location to achieve the author's purpose. As shown in the above two points, the left one can be adjusted to be asymmetrical on the lower sides, such as the left four squares and the right six squares, which changes the length of the left leg; if the three line points on the right are adjusted up two squares, It may become shorter under the belly.
Let's continue!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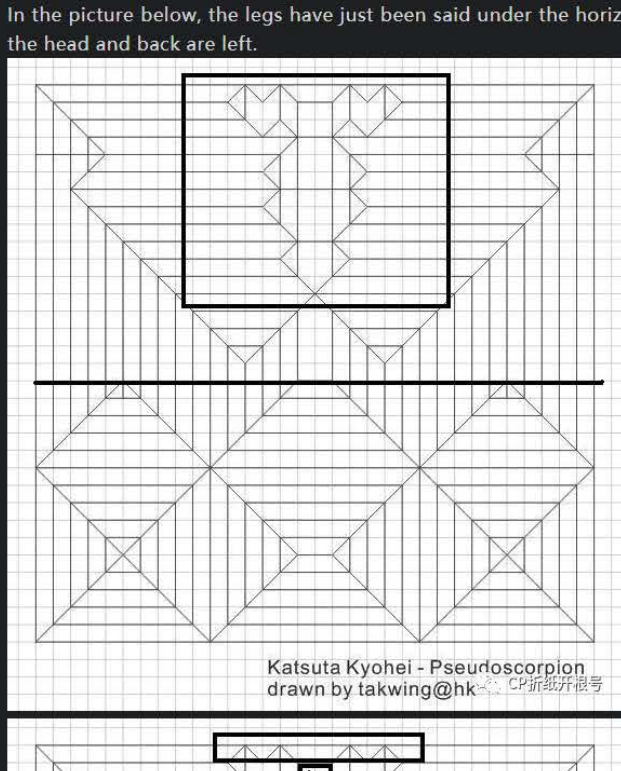
As shown in the figure above, we look at this line. Obviously, it does not extend along the side of the square, but turns toward the apex of the square and passes through this inflection point to form a pliers-like design.
In the picture below, the legs have just been said under the horizontal line, so now only the head and back are left.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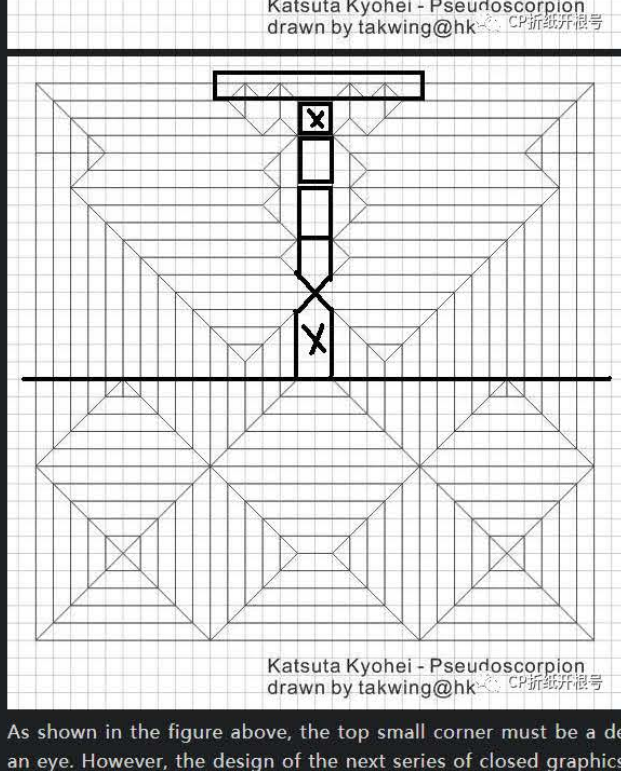
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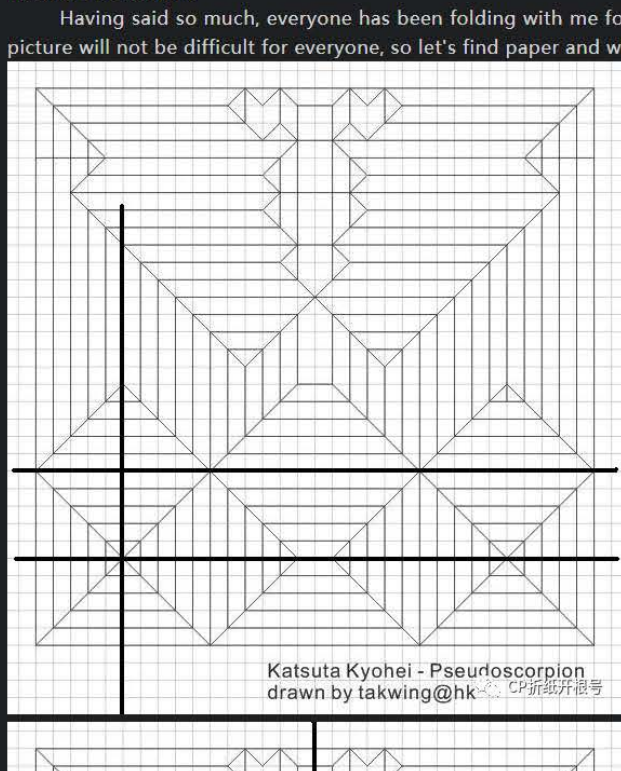
As shown in the figure above, the top small corner must be a design such as a foot or an eye. However, the design of the next series of closed graphics is very particular. The top-crossed graphic is completely independent, so the head is undoubted, of course, the bottom-crossed is the belly part. However, no matter how many rectangles there are, there must be mutual occlusions and overlapping relationships, so we have to observe the finished product. If it is a dark CP like this picture, we need to pay more attention to the belly or the back The edges appear, not enough, whether you need to refine it, etc. For this finished product, it is obviously not right here, so the follow-up needs to be shaped.

Having said so much, everyone has been folding with me for a while, I believe this picture will not be difficult for everyone, so let's find paper and wire by the way!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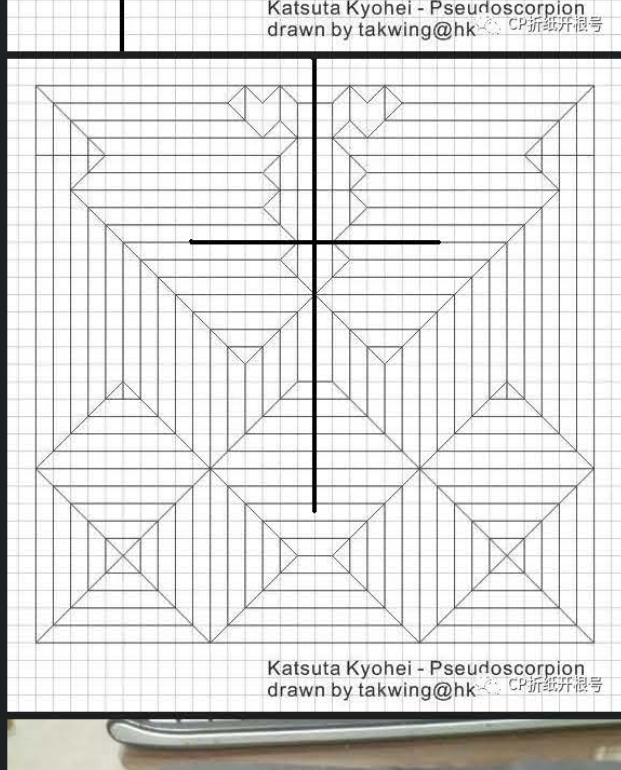
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Because the focus of the branch this time is not on aggregation and plastic surgery, but everyone can freely aggregate plastic surgery, and friends who are willing to reply to the information can write back to me!