Some studies about the golden ratio

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1. Abstract

I'm studying about the golden ratio which is famous for the most beautiful one. The representative examples are pyramid and business card. I tried making the most beautiful school badge and letters of alphabets, and I completed it.



- 2. A proof of the beauty of the school badge which is made of three golden rectangles

 If you can see some golden ratios in a figure, the figure is beautiful.

 Proof

 You draw a line on figure A like this.

 And you can see almost the same ratio as the golden ratio.

 So, figure A is beautiful.

 Golden ratio

 1 : 1.61803398874

 The ratio
 1 : 1.65125853844

4. The most beautiful letters of alphabets

I regard alphabets as figures and made them on the basis of similar parts. For example, "E"and"F","O"and"G".

5. Discussion

To prove the beauty of the letters of alphabets.