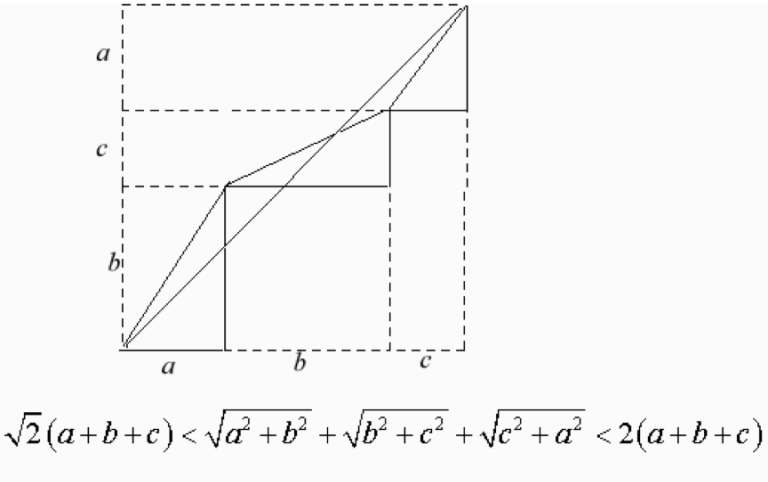
S-15-00034: PWW: An inequality

You submission is a nice illustration of an inequality for square roots of sums of squares. However, the double inequality for positive numbers *a, b, c*

$$2(a+b+c) \geq \sqrt{a^2+b^2} + \sqrt{b^2+c^2} + \sqrt{c^2+a^2} \geq \sqrt{2}(a+b+c)$$

was illustrated, with essentially the same figure, in the March-April 2007 issue (#115) of the French journal *Tangente*, p. 10 (the figure below was provided by the teacher of the lycée student who created it):



Hence I cannot recommend your submission for publication in the *College Mathematics Journal*.