

1035-51-1213

Shing S So* (so@ucmo.edu), Dept. of Mathematics and Computer Science, University of Central Missouri, Warrensburg, MO 64093, and **Alvin R Tinsley** (tinsley@ucmo.edu), Dept. of Mathematics and Computer Science, University of Central Missouri, Warrensburg, MO 64093. *A Characterization of the Interior of a Triangle.*

In absolute geometry, the interior of a triangle is usually defined in terms of the different sides of the side-lines of the triangle. In this paper, we characterize the interior of a triangle based on the between-ness axioms. (Received September 19, 2007)