

1096-C5-1213 **Violeta Vasilevska*** (violeta.vasilevska@uvu.edu), 800 W. University Parkway, Orem, UT 84058. *Math, Art and GeoGebra*. Preliminary report.

In this presentation, a math-art project that was used at a regional STEM conference for junior-high female students will be described. Part of this project could be adapted to a college Geometry class. It connects math (in particular geometry), origami, exploration with GeoGebra software, and art. First, some simple origami folds will be shown and the math behind it will be discussed. These origami moves produce tangents to some curves. This construction will also be demonstrated with GeoGebra software, and then used to construct some interesting art pictures. (Received September 13, 2013)