1111-00-781Luke Wolcott* (luke.wolcott@lawrence.edu) and Elizabeth McTernan
(emcternan@gmail.com). A classification of math-art work.

We present a rough classification of math-art pieces, based mainly on the relationship between math and art that they employ and demonstrate, as well as their subsequent functionalities. Hermann Hesse's 1946 novel *The Glass Bead Game* is invoked to clarify and illustrate our classification. This work is a collaboration between Luke Wolcott, a mathematician at Lawrence University, Wisconsin, and Elizabeth McTernan, an exhibiting fine artist based in Berlin, Germany. (Received February 10, 2015)