

1135-H5-1099 **James M. Henle*** (jhenle@smith.edu), 105 Prospect St, Northampton, MA 01060. *A Studio Course in the Mathematical Art*. Preliminary report.

The objects of the mathematical art are mathematical structures. A mathematical structure succeeds as art if it attracts interest, if members of the mathematical public are drawn to it and want to explore it, if they find intriguing or elegant aspects of it. The class I taught last Spring was for students with no special mathematical background. I will present some of the most successful structures the students created. (Received September 19, 2017)