

1096-Q1-261 **Edward F Aboufadel*** (aboufade@gvsu.edu), Dept of Mathematics, A-2-178 MAK, Grand Valley State University, Allendale, MI 49401. *3D Printing and Wavelets*. Preliminary report.

3D printing is sometimes called "additive manufacturing technology", and these printers can be used to create solid, three-dimensional objects. Recently, desktop 3D printers have become more accessible to faculty and students, and in this talk, we will describe how wavelets and other mathematical tools can be applied to create and print interesting objects. (Received August 24, 2013)