

1116-39-1698

William T Jamieson* (jamieson_william@wheatoncollege.edu), Dept. of Mathematics and Computer Science, Wheaton College, 26 East Main Street, Norton, MA 02766. *A Classification of the Local Dynamics of Some Real Analytic Nonhyperbolic Planar Maps.*

A complete classification of the qualitative behavior of real analytic planar maps in a neighborhood of an isolated fixed point with exactly one characteristic value equal to ± 1 will be presented. (Received September 21, 2015)