

1106-37-1691

Peter R Massopust* (massopust@ma.tum.de), Centre of Mathematics, Research Unit M6,
Boltzmannstr. 3, 85747 Garching b. Munich, Germany. *Self-Referential Descriptions of Analytic
Functions.*

We consider the representation of polynomials and analytic functions using analytic iterated function systems, and the consequences of these representations in numerical analysis. (This is joint work with Michael F. Barnsley and Markus Hegland.) (Received September 15, 2014)