

1046-03-1162 **C T Chong***, Department of Mathematics, National University of Singapore, Kent Ridge,
117543, Singapore. *Complex dynamics and Turing degrees*. Preliminary report.

Arising from the work of Braverman and Yampolsky, we study some recursion-theoretic aspects of complex dynamical systems, especially in the case of quadratic polynomials. (Received September 14, 2008)