1021-03-185   **Barbara F. Csima*** (`csima@math.uwaterloo.ca`), Department of Pure Mathematics, University of Waterloo, 200 University Avenue West, Waterloo, Ontario N2L 3G1, Canada, and **Richard A. Shore**. *The Settling Time Reducibility Ordering.*

To each computable enumerable (c.e.) set A with a particular enumeration $\{A_s\}_{s\in\omega}$, there is associated a settling function $m_A(x)$, where $m_A(x)$ is the last stage when a number less than or equal to x was enumerated into A. One c.e. set A is settling time dominated by another set B ($B >_{st} A$) if for every computable function f, for all but finitely many x, $m_B(x) > f(m_A(x))$.

In this talk we examine properties of the $<_{st}$ ordering. We show that any countable partial ordering embeds into it, that there are maximal and minimal sets, and that two c.e. sets need not have an inf or sup in the ordering. We will also examine a stronger settling time ordering. (Received September 05, 2006)