1078-30-326 **Austin Anderson*** (austina@hawaii.edu), 3810 Leahi Ave #104, Honolulu, HI 96815. *A Volterra type operator on H^∞.*

The operator T_g, with symbol g an analytic function on the disk D, is defined by $T_g f(z) = \int_0^z f(w)g'(w)\,dw, z \in D$. T_g appears in a few different settings in complex analysis, relating to the John-Nirenberg inequality, semigroups of composition operators, and weak factorization of spaces of analytic functions. Characterizing operator theoretic properties, such as boundedness and compactness, of T_g on various spaces has attracted interest, and much is still unknown regarding this. A natural open question is to ask for a characterization of the symbols g for which T_g is bounded on H^∞. We discuss possible answers to this question. (Received December 12, 2011)