1037-32-146 **Al Boggess*** (boggess@math.tamu.edu), **Roman Dwilewicz** and **Daniel Jupiter**. *A Global CR Approximation Theorem for hypersurface graphs in Several Complex Variables.* Preliminary report.

This work contains an improvement of earlier results of Boggess and Dwilewicz regarding global approximation of CR functions by entire functions in the case of hypersurface graphs. In this work, we show that if W, is an open subset of a real hypersurface in C^n, that is given as a graph over a convex subset in R^{2n-1}, then ω is CR-Runge in the sense that continuous CR functions on ω can be approximated by entire functions on C^n in the compact open topology of W. Examples are presented to show that this approximation result does not hold for graphed CR submanifolds in higher codimension. (Received January 30, 2008)