

COMPLEX ANALYSIS SEMINAR

CARLEMAN APPROXIMATION IN SEVERAL COMPLEX VARIABLES

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ABSTRACT: T. Carleman (1927) showed that for any continuous function f on the real line and any strictly positive and continuous error function e , there exists an entire function h such that $h(x) - f(x) < e(x)$ for all real x . We show how this result can be extended to approximation on totally real sets in Stein manifolds.

Date: Thursday, November 12, 2009

Time: 4pm-5pm

Place: UH 4500

Webpage: <http://math.utoledo.edu/~sonmez/complexseminar.html>