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Yi-Jen Lee*, Purdue University, Math Department, W Lafayette, IN 47907. *Extensions of Taubes's convergence theorem.*

The first part of Taubes's proof of SW=Gr consists of a convergence theorem which produces holomorphic curves from Seiberg-Witten solutions of large perturbations. We discuss some extensions of this theorem to the case of manifolds with cylindrical ends. (Received February 07, 2006)