1035-54-173   **Hueytzen J Wu*** (`kfhjw00@tamuk.edu`), MSC 172, Texas A&M University - Kingsville, Kingsville, TX 78363-8202, and **Wan-Hong Wu** (`didiwu@idd.org`), 14960 Omicron Drive, San Antonio, TX 78245-3217. *A modified Wallman method for compactifications of certain arbitrary topological spaces and an arbitrary Hausdorff compactification.*

Let X be an arbitrary topological space such that there is a subset D of C*(X) containing at least a non-constant function. For each x in X, let Cx be the union of x and the family of all closed sets containing x. Let X* be the set of all Cx for x in X and all closed C*D-filters that do not converge in X. Equip X* with the topology induced by a base consisting of all F*, where F is closed and F* is the set of all elements P in X* such that F meets each T in P. Then X can be embedded into the compact space X* as a dense subspace. Similarly, an arbitrary Hausdorff compactification (Z, h) of a Tychonoff space X can be obtained from a subset D of C*(X) by the modified Wallman method, where D is the restrictions of the functions of C(Z) to X. (Received August 10, 2007)