1077-54-440 **Hueytzen J. Wu*** (kfhjw00@tamuk.edu), Department of Mathematics, Texas A & M University - Kingsville, Kingsville, TX 78363, and **Wan-Hong Wu** (dd1273@yahoo.com), University of Texas at San Antonio, One UTSA Circle, San Antonio, TX 78249. *A P- and C*(D)-filters process of compactifications and any Hausdorff compactification.*

By means of a characterization of compact spaces in terms of open C*(D)-filters induced by a subset D of C*(Y), a P- and open C*(D)-filters process of compactifications of any topological space Y is obtained by embedding Y as a dense subspace of (Y*(S),T)(or (Y*(M),T)), where Y*(S) is the union of Y(E) and Y(S)(or Y*(M) is the union of Y(E) and Y(M)), Y(E)= Nx : Nx is a P-filter at x, x in Y, Nx is the union of x and O : O is an open set containing x, Y(S)= E : E is an open C*(D)-filter that does not converge in Y (or Y(M) = F : F is a basic open C*(D)-filter that does not converge in Y, T is the topology induced by the base B = U* : U is a nonempty open set in Y and U* = L : L is in Y(S)(or Y(T)) such that U is in L. Furthermore, an arbitrary Hausdorff compactification (Z, h) of a Tychonoff space X can be obtained from a subset D of C*(X) by the similar process. (Received September 01, 2011)