```
function oneThirdOBLevels = Compute_One_Third_Octave_Bands_44p1_kHz_Hd( Hd, pA )
% oneThirdOctaveBandLevel = each row is a 1/3 OB filtered version of the
% original time signal

oneThirdOBLevels( 1, : ) = filter( Hd( 1 ), pA );
oneThirdOBLevels = zeros( length( Hd ), length( oneThirdOBLevels ) );

% Filter
for ink = 1 : length( Hd )
    [ b, a ] = tf( Hd( ink ) ) ;
    oneThirdOBLevels( ink, : ) = filter( b, a, pA );
end

```