and Writing the terms in increasing DFT index b, we have: (2) × [n] = [2(e^{3.0})+2(e^{-3.0})]+2[2] (2) (2) Th/2-200 n/2] + 2 [1 (ej 3/4 + e-j 3/4)]+[1(ej 2/16 + e-j2/17)] Comparing with IDFT × [h] = 1/8 X [h]eizhk We obtain vector

X = [8,0,-8j,8,8,8,0]