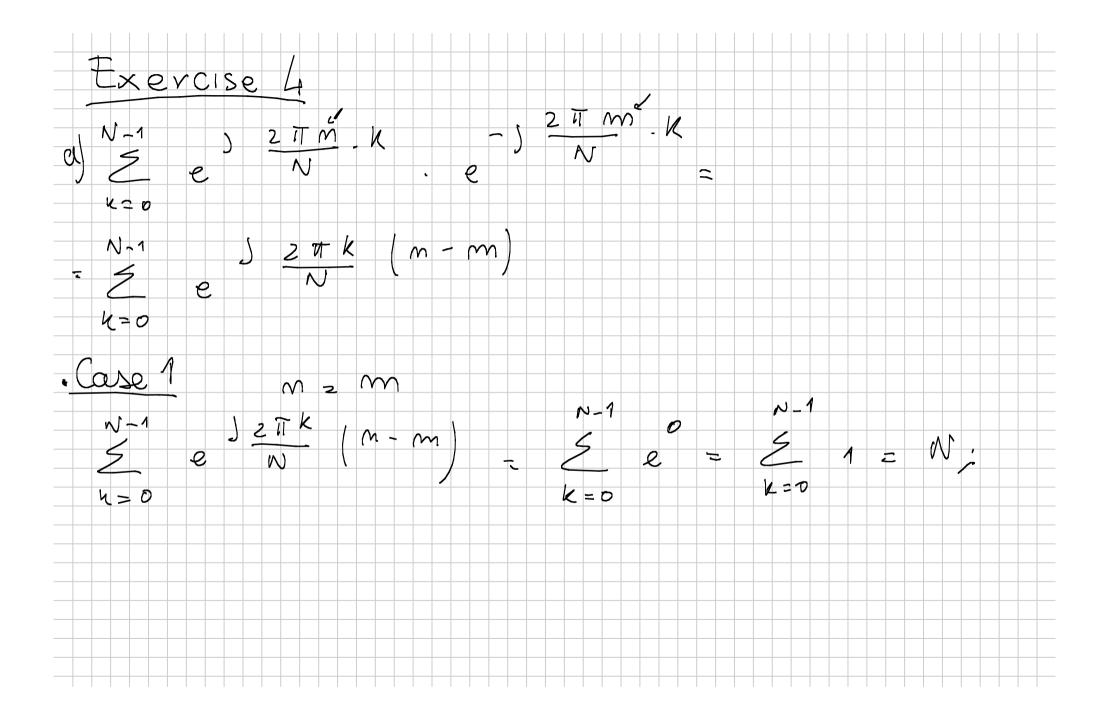
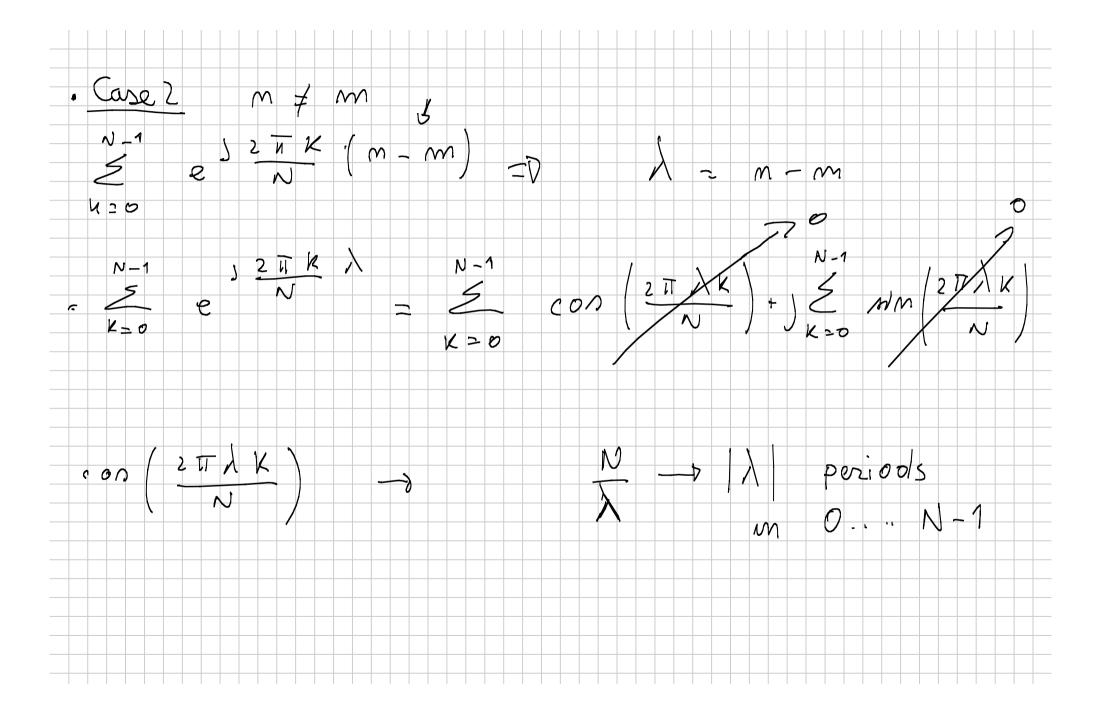
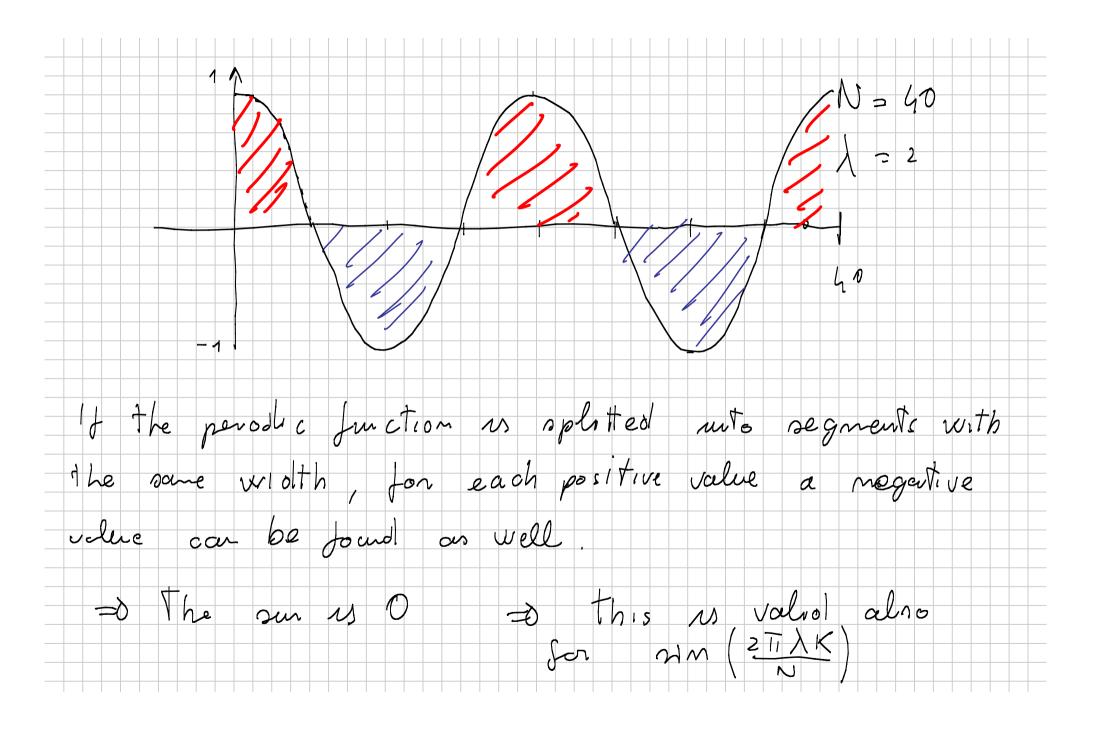
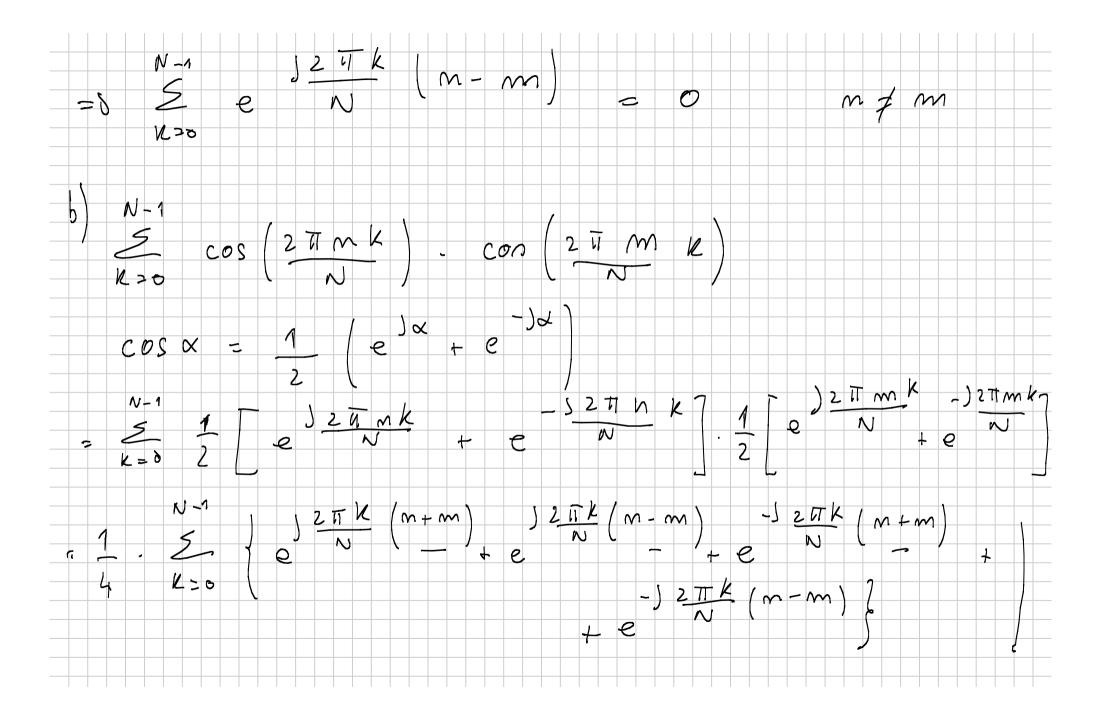
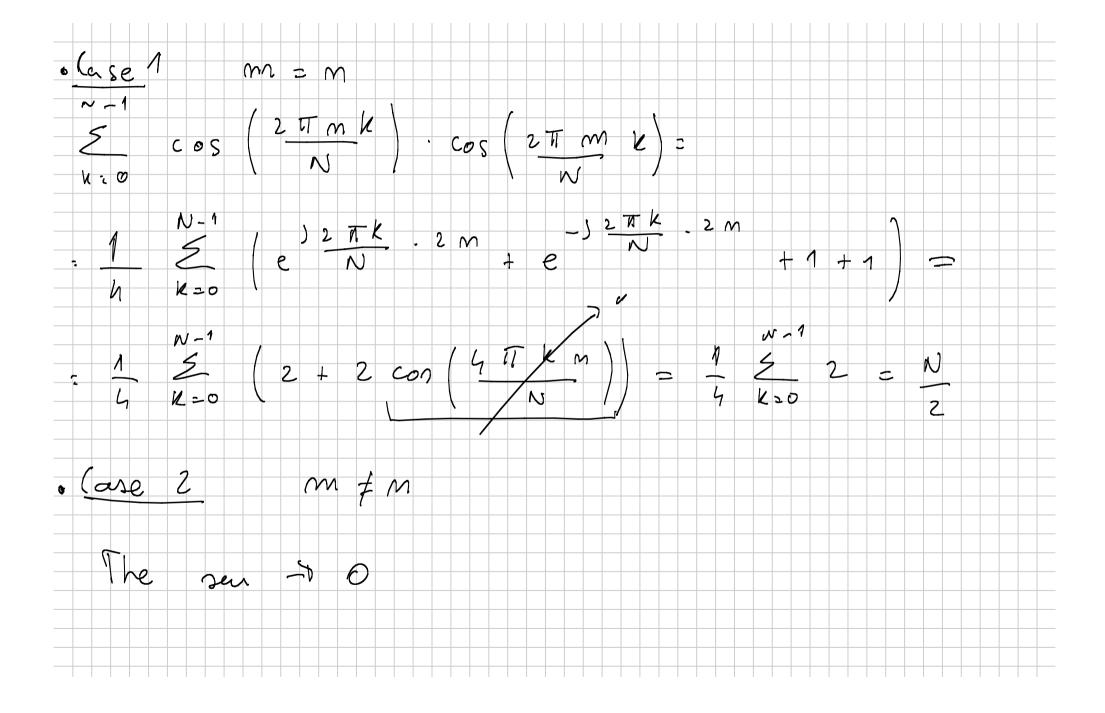
TUTORIAL 02 16.05.2014 Preprocessing That sformations in the frequency domain - Discrete Fouver Transformation (DF - Discrete Cosine Transformation (DC

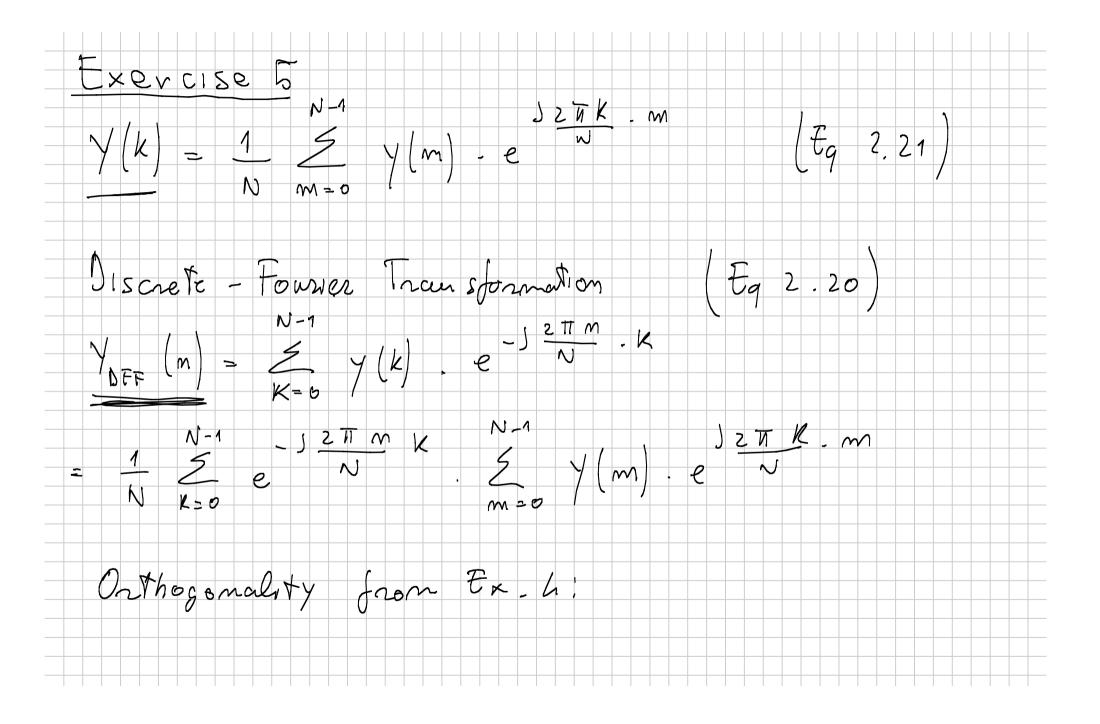


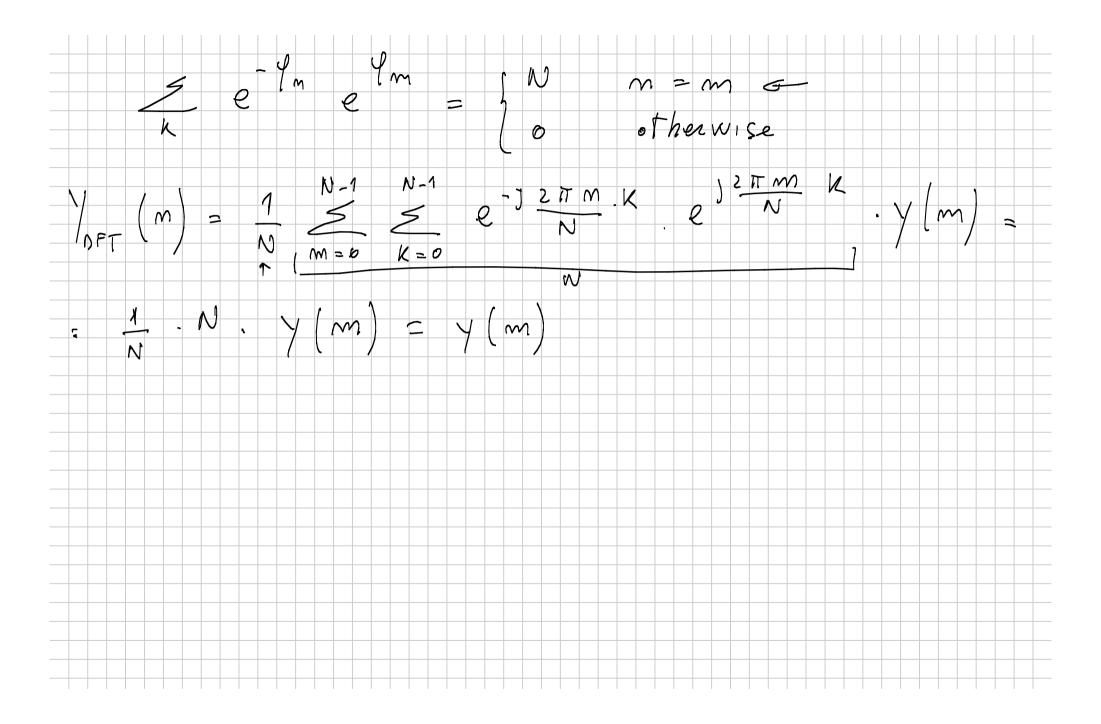


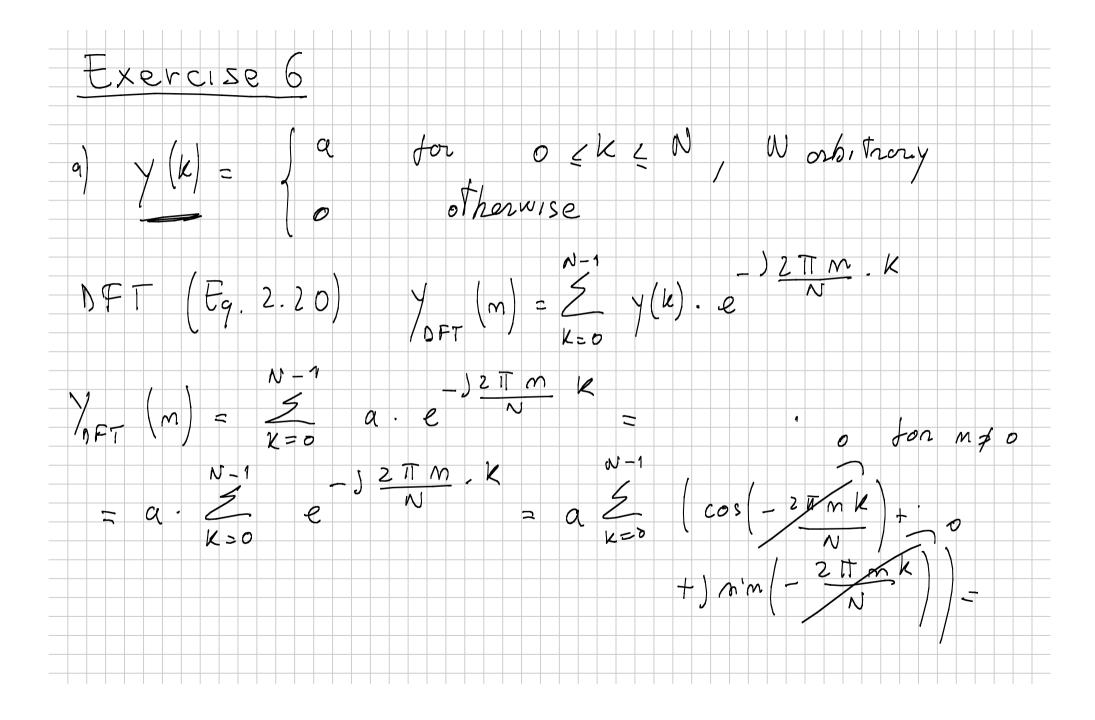












direct component a.N oscillation component otherwise MO 0 COS N-1 - ) 2 II m K 2 11 N W COS DET K = 0 - ) & ) ) K with CONX e -J 2 N ZUK 2TIM W N M C DFT

N-1 -) 2 TK J Z TI K 1 -m 1+m) e e + K 20 for ¥ 1  $\mathcal{M}$ - 1 and M 0  $\sim$ DFT N-1 N/2 0 M = 1٤ e` 2 = OFT K=0 1-1 N M = -1-1) > 7 DFT K=0 m > =)  $\wedge \wedge$ -10FT other wise

