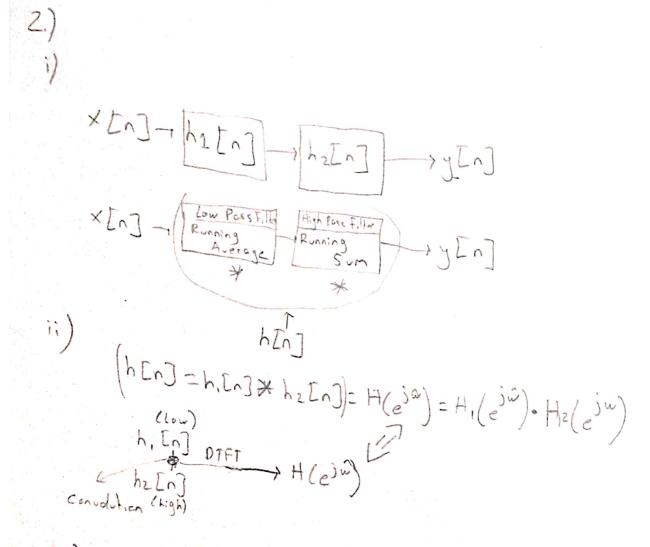
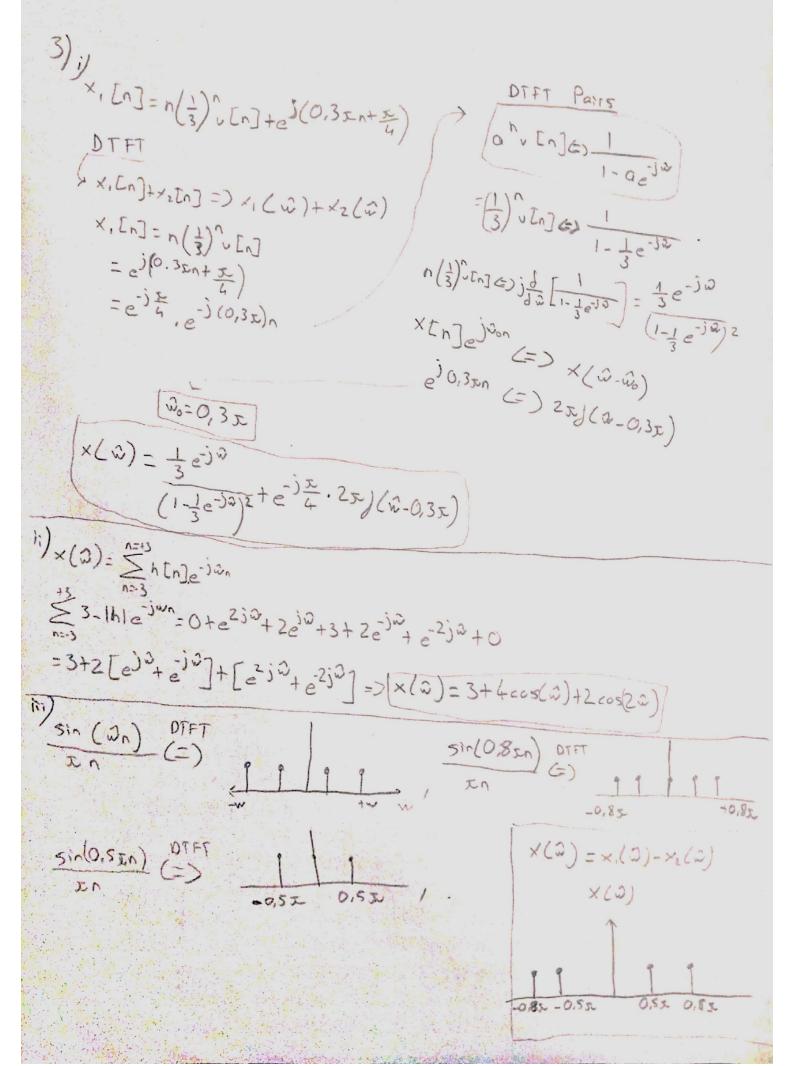
1.f) Blurs. Because of it is a Low-Pass filter. The image will be removes from high frequencies. Details will gone.



signal or pictures it will be smooth. After that with high poss filter you can do object detection", edge detection or line detection or signal process



CamScanner ile tarandı

$$(4)_{a} \times (e^{jw}) = \frac{2 + \frac{1}{4} e^{jw}}{-\frac{1}{8} e^{jw} + \frac{1}{4} e^{jw} + 1}$$

$$= \frac{2}{e^{jw} + 2} - \frac{4}{e^{-jw} + 4}$$

$$= (1 - (-\frac{1}{2}) e^{jw}) = (X_1) + (1 - \frac{1}{4} e^{-jw}) = (X_2)$$

$$= (X_1)_{a} \times (e^{jw}) + (X_2)_{a} \times (e^{jw})$$

$$= (X_1)_{a} \times (e^{jw}) + (X_$$