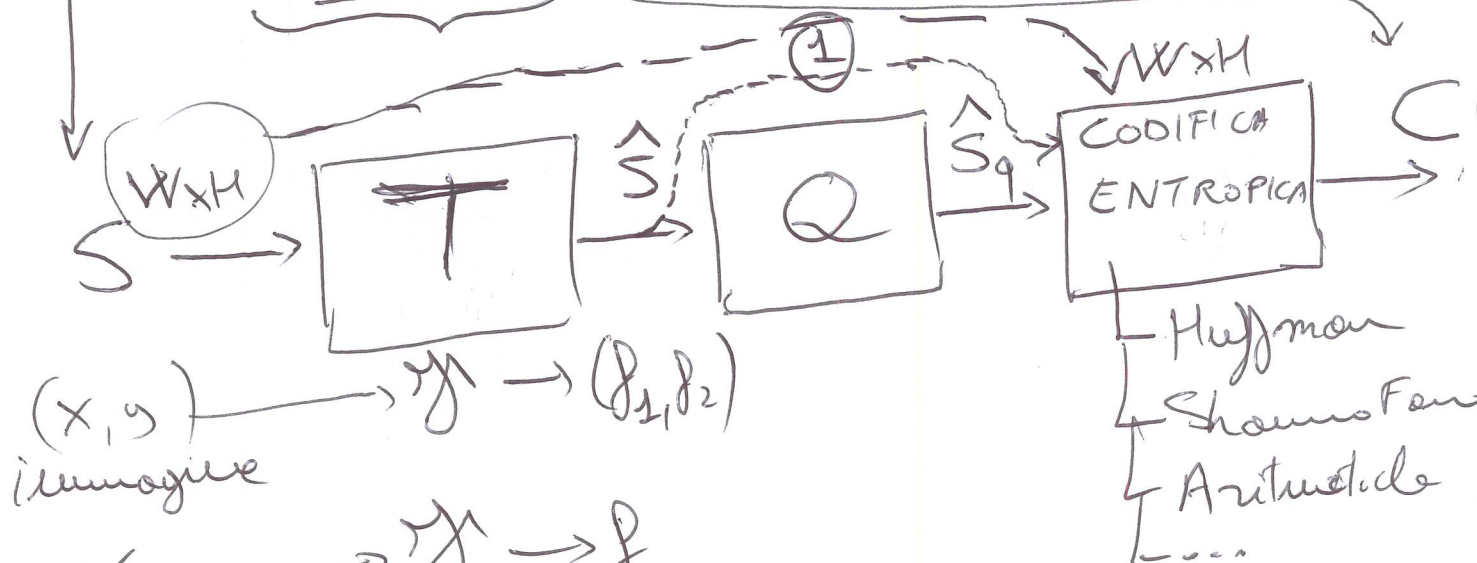


- W, H
- Bit sample size
- RGB

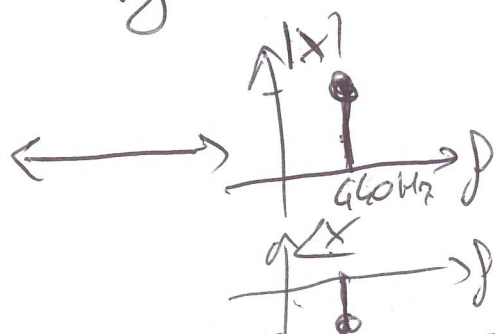
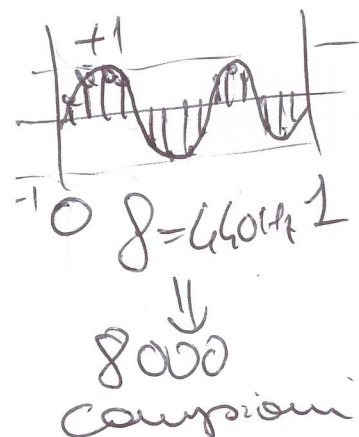
C (parameter, code stream)



SIMBOLI	CODICE
000001	1
000010	10
...	...
011111	1010101010
6 bit.	10 bit

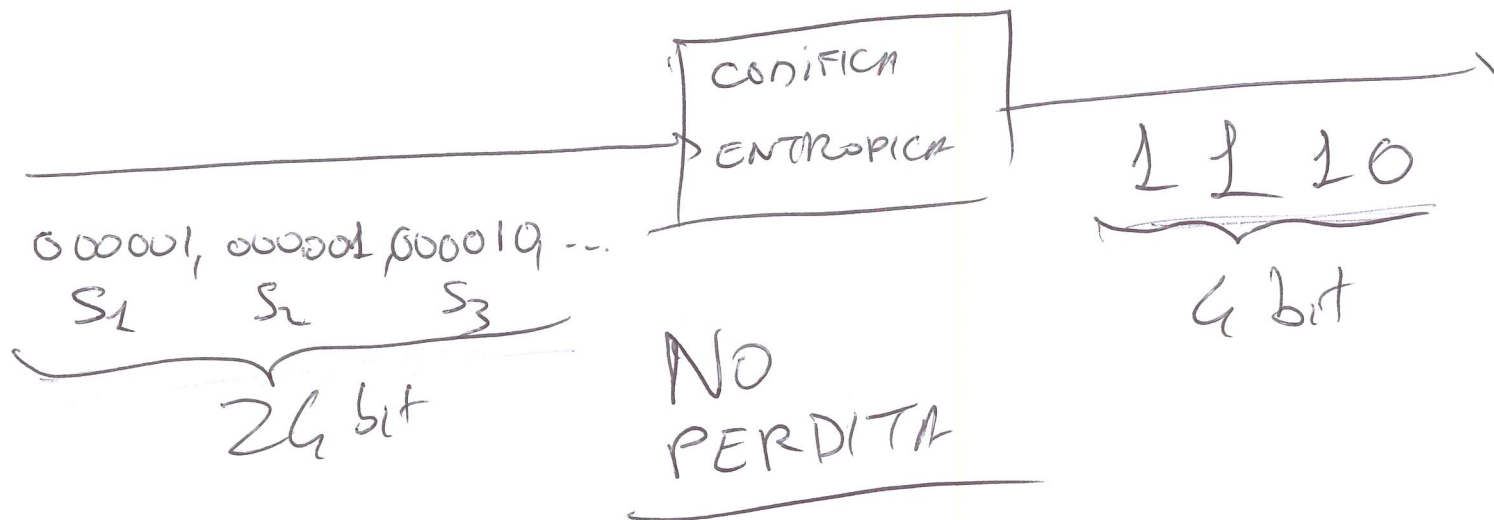
$(x, y)$  image  $\rightarrow f \rightarrow (p_1, p_2)$

X audio campion tempo  $\rightarrow f \rightarrow f$   
 $X \leftrightarrow f \rightarrow (A, \varphi)$



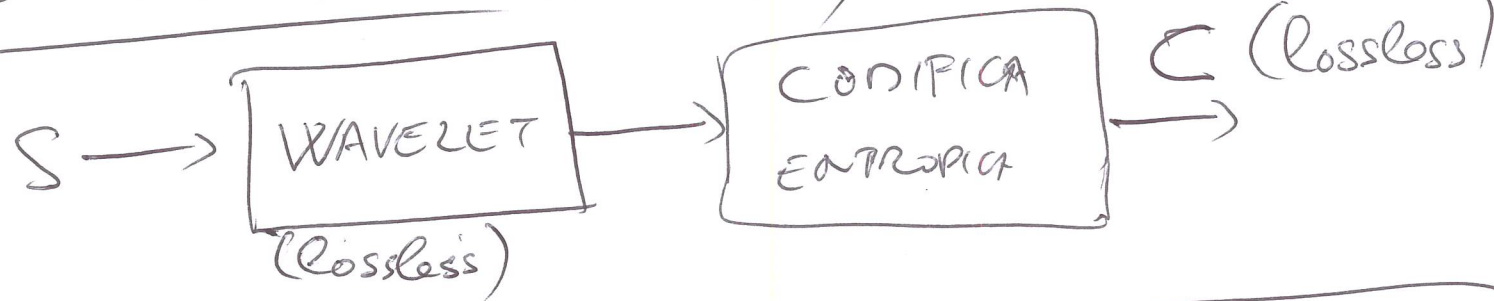
(2 campion)  
 $* f = 440 \text{ Hz}$   
 3 NUMERI

IMMAGINI  $\rightarrow$  Fourier  
 $\rightarrow$  DCT (Trasf. coseno discreto)  
 $\rightarrow$  Wavelet  
 $\dots$

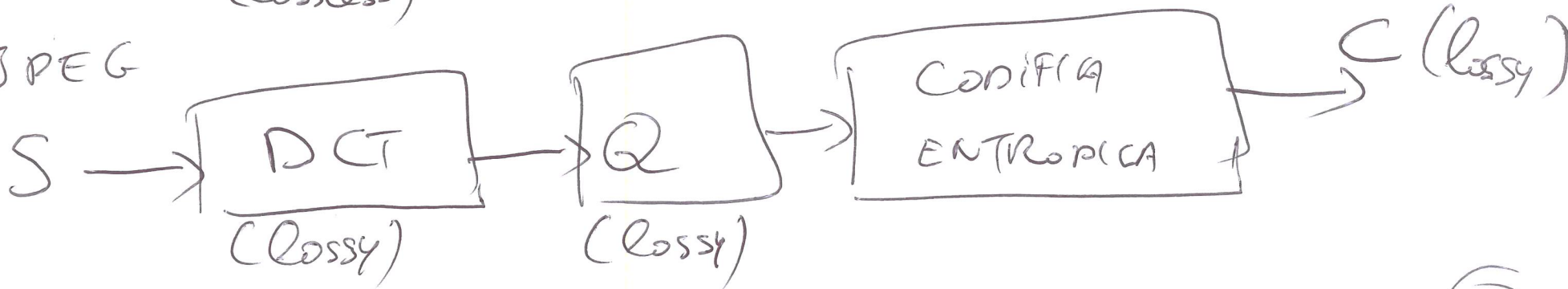


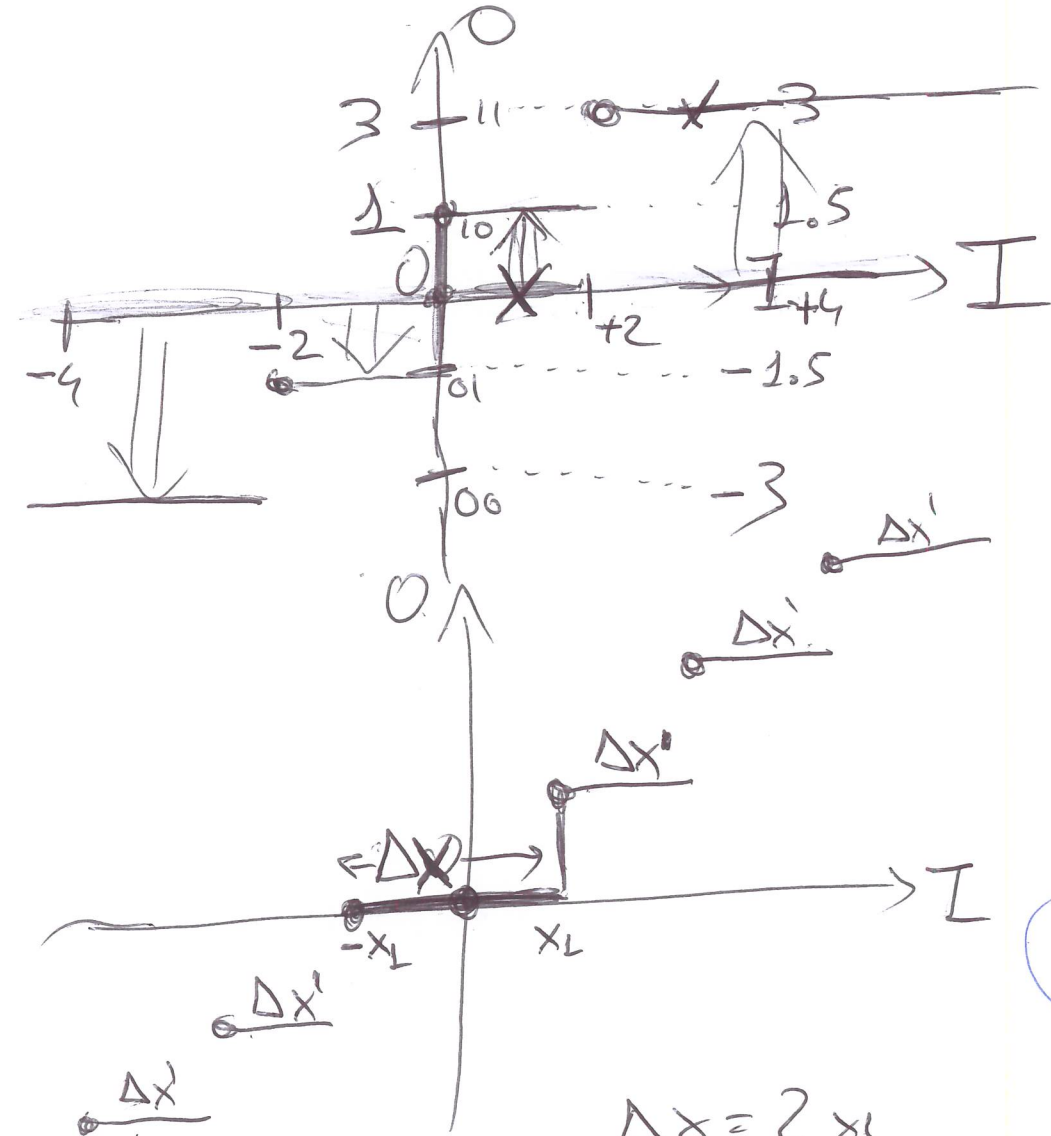
ZIP/RAR/... ..

JPER2000 (Lossless)



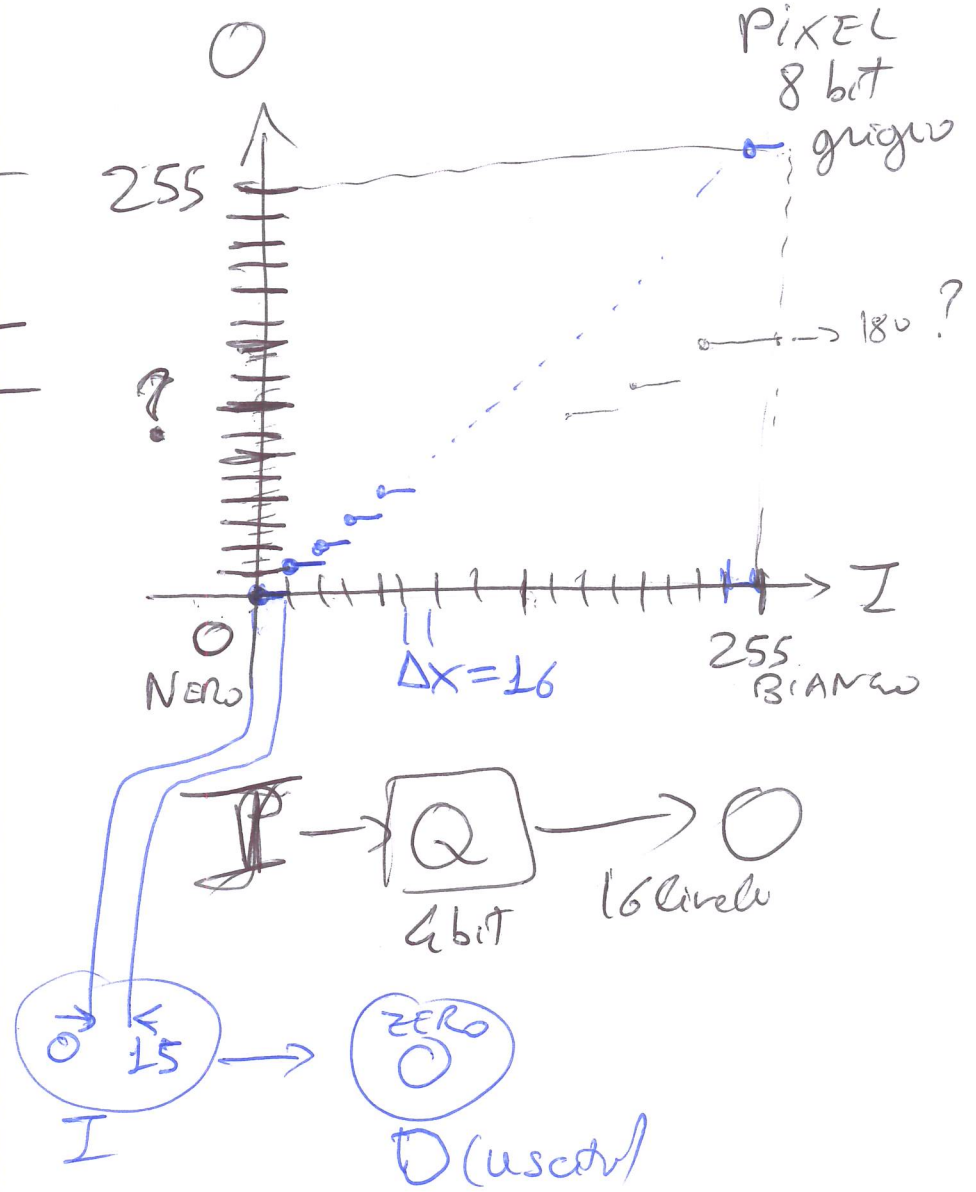
JPEG



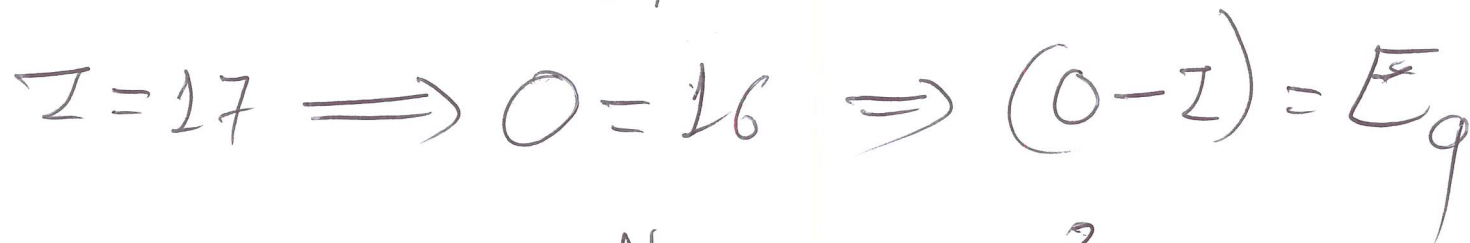


$$\Delta x = 2x_1$$

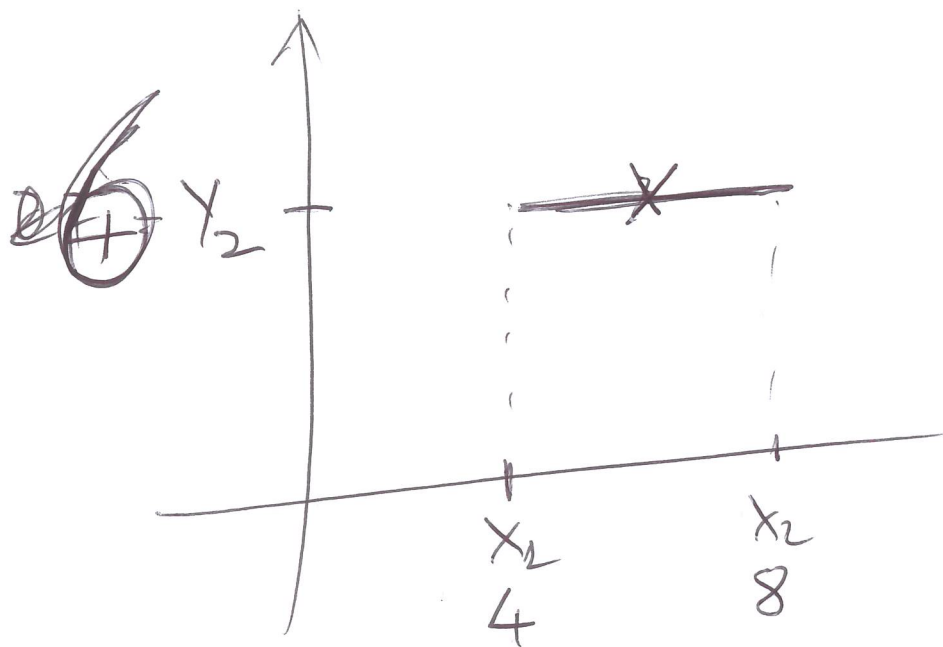
$$\Delta x' < \Delta x$$



3

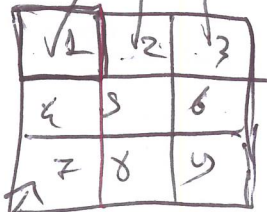
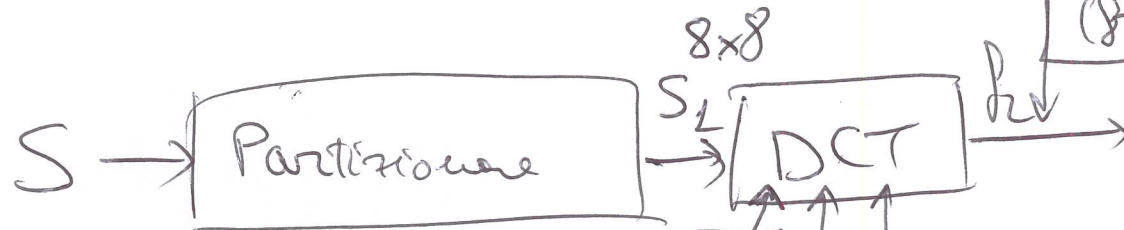
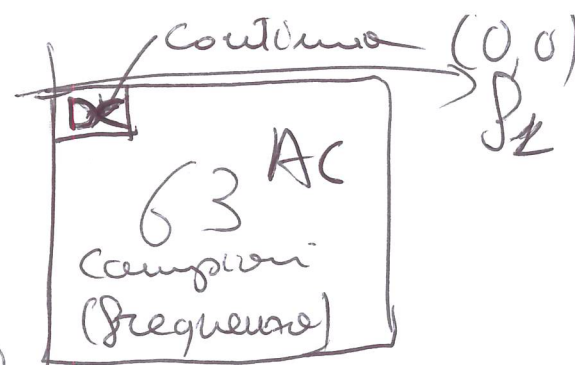


9

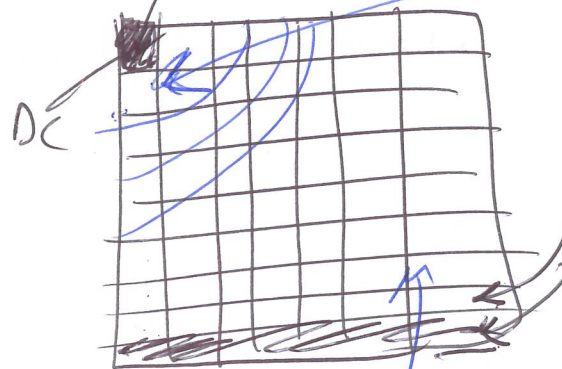


5





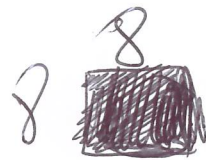
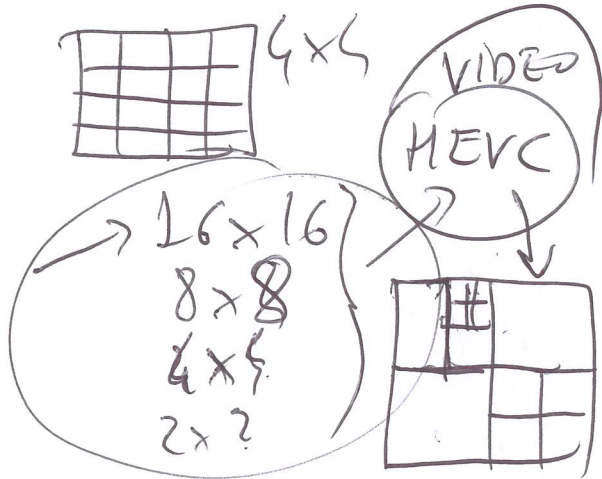
$(f_1, f_2) = (0,0)$  + energia



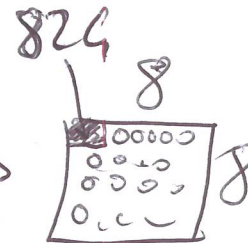
$(f_1, f_2) = (7,7)$

- energia

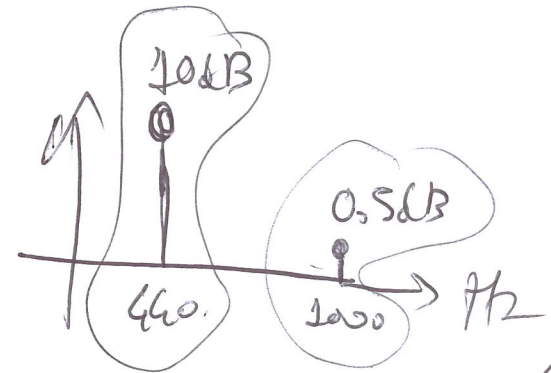
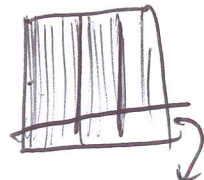
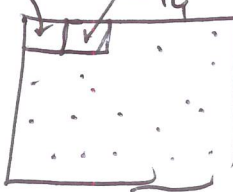
Correlazione  
spaziale



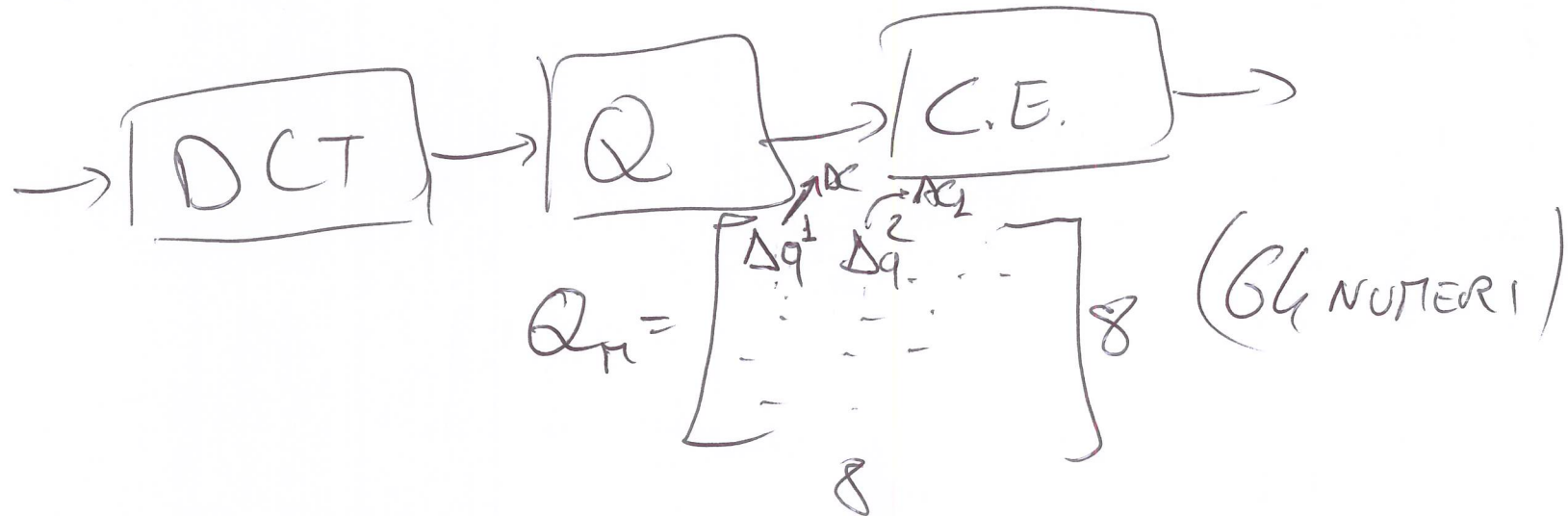
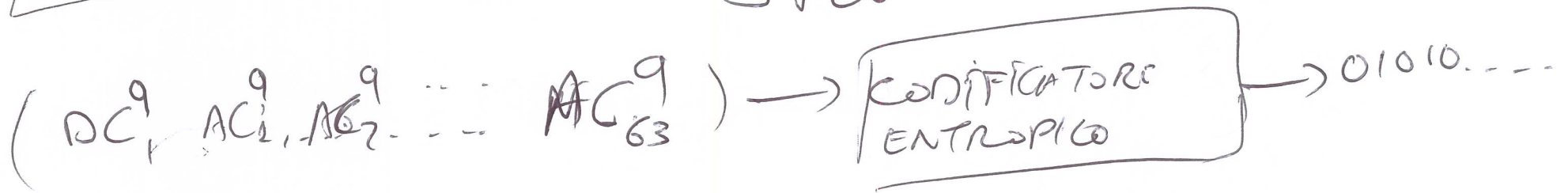
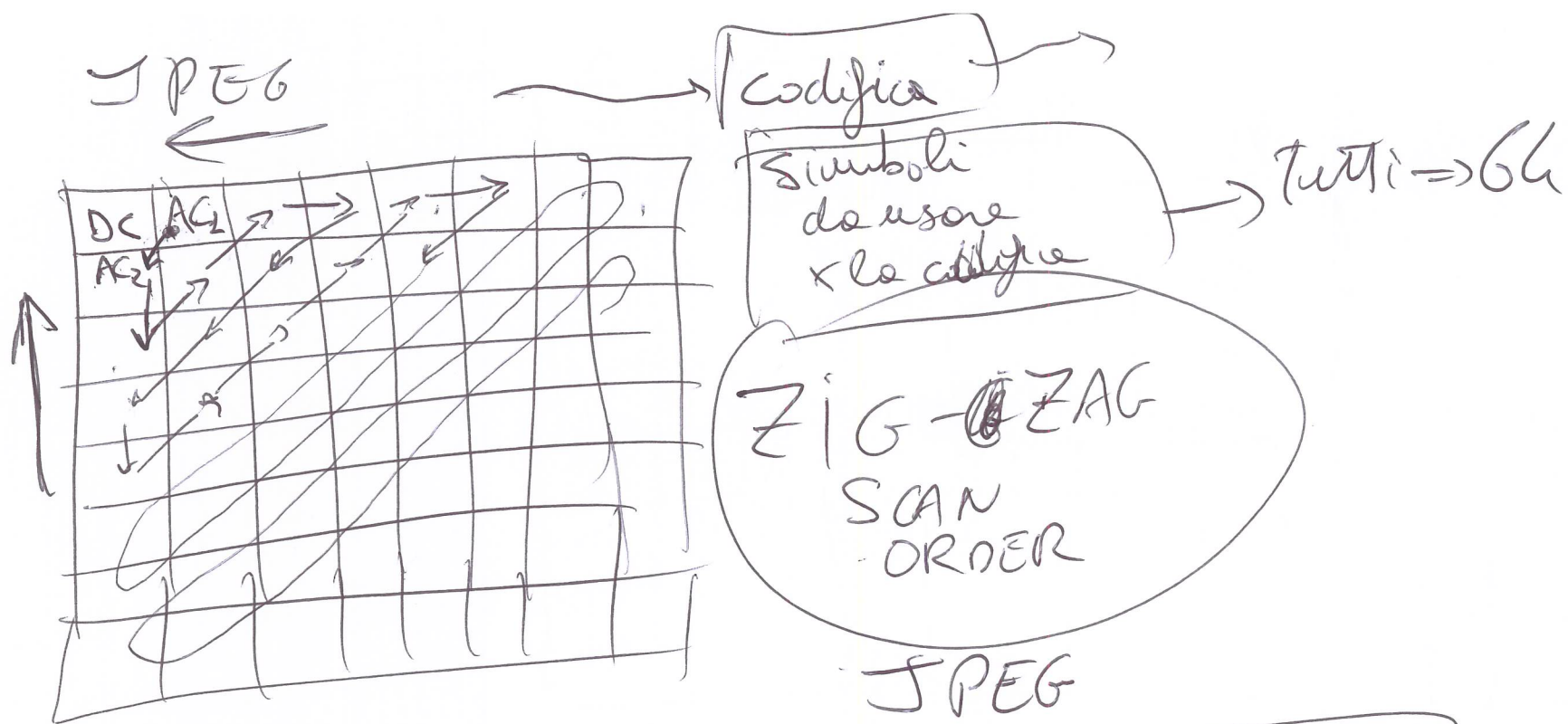
DCT

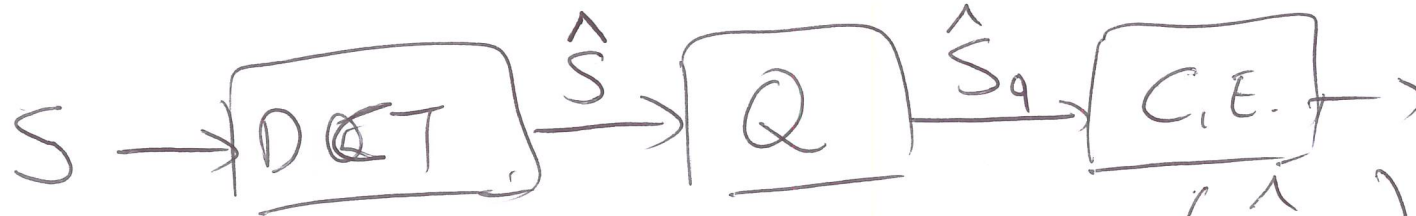


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6





$$\hat{S}_q = \text{int} \left( \frac{\hat{S}}{Q} \right)$$

$\hat{S}$

256	32	...

$Q$

8	16	...

$\Downarrow \hat{S}_q$

32	2	...

$\xrightarrow{\text{simplex}} 32, 2$