I was formation y incre lits each pixel is 8 hits (24 lite coulour). each lit is 6 dB. 8 hts = 48 db lowest lit is noise human usion is ~ 6 lits. y. inceg size - depends an application. are Herre quidelines? Sampling the ii). continuous Fourier transform. charges signals into frequency.

 $F(w) = \int_{-\infty}^{\infty} f(t) = \int_{-\infty}^{\infty} dt$ er frequery function of time e.g. sound. $e^{-j\omega t} = \cos(\omega t) - j\sin(\omega t) = J-1$ j = complex variable Q-1. hitting a closh -T/2 0 +T/2 F(w) = 5 T/2 A = just dt = -112 = -AZ jut | T/2 = 2A sin (wit)

F(w) = Real + j × imaginary.

Magnitude = Macl 2 + imaginary

phase = tail Real Imaginary

Veal.