9 Image Forntion 37-46 4. mage liks B/W each pixels has Blits Colour 3×8 = 24 Cits ecch lit is 6 DB i bardwidte = 48 DB lowest lift is noise (human vision is 5-6 hts) of ings size depends on tesh orbet is an appropriate resolution? 4. Fourier transforms represents an inch by torque ares reversible à complete

d). continuous Fourier transform definition of FW) = St(H) e dt

trequercy time

trection 25 - Cos(at) - i Sin(at) $F(\omega) = \int f(t) e^{-j\omega t} dt = \int f(t) e^{-j\omega t} dt - \int f(t) e^{-j\omega t} dt$ = Azjuth Azjuth = 2A sin (wT/2) complex number so has negative ephage can reconstruct the conjugated signal.