(續寫轉背頁)

f(x)=00+01,005=x+02,003-21/x + ... + 16,21/2x+ 16,51/2 2/2 x ... + 2030,005/2x+... Prouvier Series ⇒f(x)= 000 +0,000 xx+02 cos2xx +1b, sin xx x+b2 sin xx x+ speriodic function 3 ISL f(x) dx = 03+1 = (0+ bn) = Fourier Series ( Inst periodic function > [ or fixedx = ] on Film) dw = Fourier Transform @ > fortex) dx= for f(x) f(x) f(x) dx= for F(w) exmxdw) for ) dxdw = [ of B F(w), f(x) e inx dxdw = [ o F(w). ( ] o f(x) e inx) dw Fin) = Septimo e two ax Fin = Jertino etwadx + 20031SINEX + 20,1b, COSTESINEX+... = Jeo Film) Film dw = Jeo Felm) dw xx => I (++cx) dx =02+1 \$ (an+bn2) 2FT => {f(x)=5-80 F(w) exmxdw 6. Parvesal Theorem