CI7 import math def Texp (n): return complex (math. cos(n), math. sin(n)) def is-powz(n) return Fake if n==0 else (n==1 or is pow=(h>>1)) def dftixs) haive dt n=len(xs) return [sum((xstk) x Texp (-2 * moth.pi * T x k/h) for k in range (m)) for i in range (n)] def dftinv1257: haive dft" n= len(x5) return [sum (1xstk] * Texp (2 * moth. p; * i * + /n) fork in range (n))/n for i in range (n)]

| the name | section | the name | the name | section | the name | th

(3) 指出函數指積的傳运藥籍換的乘積、即一個 域中的指積對應於另一個域中的乘積。 L [ft+1+ gt+)]= 5°5 5°5 f(x)g(t-t) dt e^{-st} dt = 5°6 f(t) 5°2 g(t-t) e^{-st} dt dt 全t-T=X dt=dx = 5°6 f(t) 5°6 g(x) e^{-s(T+X)} dx dt = 5°6 g(x) e^{-sx} dx 5°6 f(tx) e^{-st} dt = G(s) · F(s)