经后成旗 西安山外 convolution

 $(f*g)(x) = [f(x-x)\cdot g(x)]dt$ +, 9: R → R 孙思子! J+49=9*5

(+*9)*h" (f*g)(x-t).h(x)dt

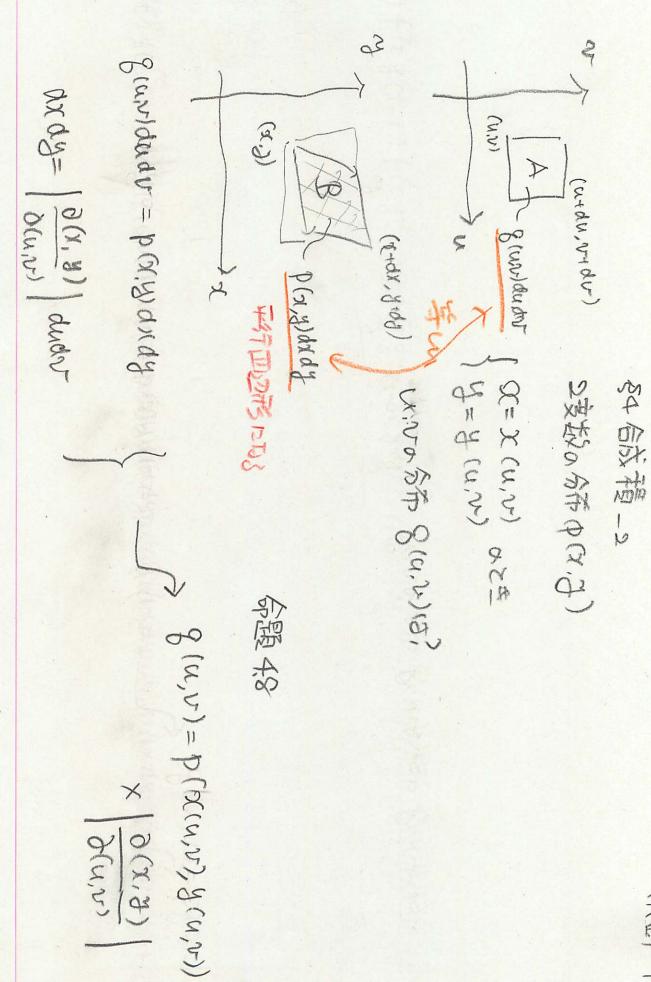
田田子

111) fx(g+h)=fxg++4h

(1) (F*8)*1=1*(8*1)

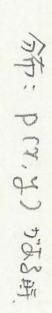
二、金丁さろ 0019

the CH-KD+ = (10) (B++) $=\int_{-\infty}^{\infty}\int_{-\infty}^{+\infty}f(x-t')g(t'-t)dt')$ = [0] for-t-s)g(s) ds) Hill at = (~f(t)g(1-t)/-dt) = \(f(x-t')\(gat'-t) W) = [g(x-t') f(t') de = (+0-t) (9*h)(t)di t'= t+5 而此陷 out at ht)dt



2001 = 1205.





回 或形部原

カナダーカ

(3) \p(u,v) = p(u-v; v)

Pluje /

pru-v,v)do

西日念

$$\varphi(u) = \int_{-\infty}^{\infty} p(u-v,v) dv$$

2.25243°

Throughto pole)

なとりできます」まち

$$\varphi(u) = (8*r)(u) = \int_{-\infty}^{\infty} 8(u-t)rH dt$$

(yo " rcy) (x) (x) (x)

Anna = (Rind)

कात्र क्षण विस्टान हो

2+4-12

ga)= [& p (u, v) do o > E