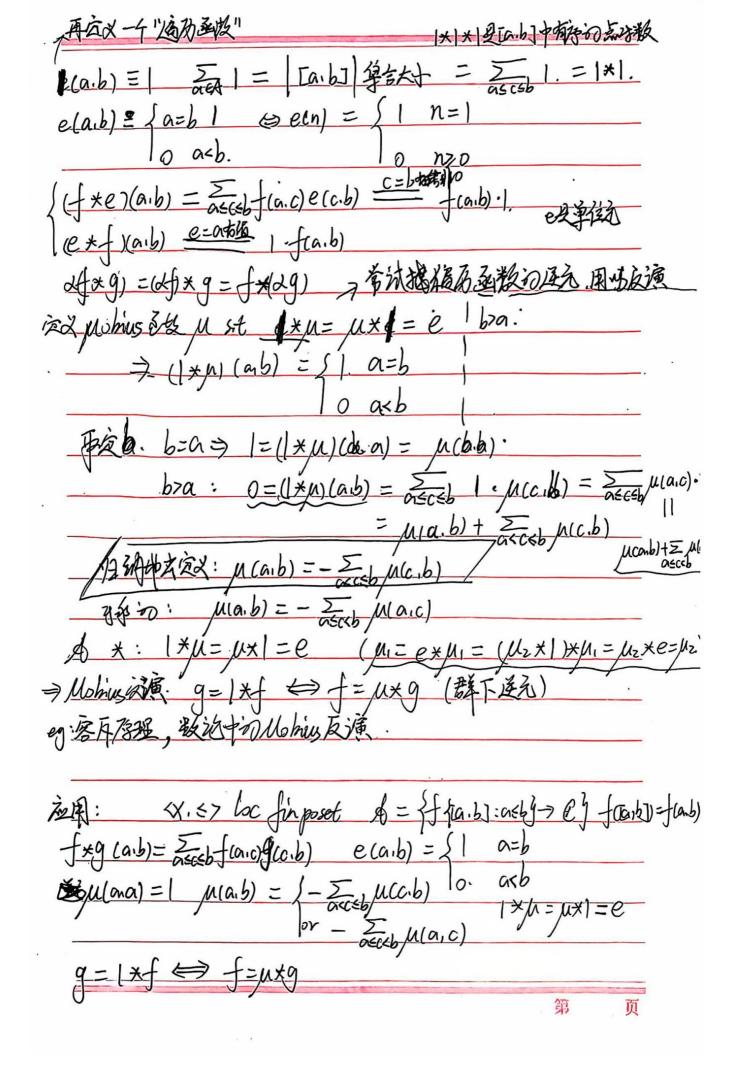
Mobile Site \* Rig  $\mu(1) = 1$  $\mu(n) = \mu(p_{x}^{n}p_{x}^{n}, p_{x}^{n}) = (-1)^{K} \quad \gamma_{\bar{x}} = 1$ (Un) = (Lp, r, ···p, r) = 0 ヨ ri>2 即有手句 M61=1. M(12)=M223)=0  $\mu(5) = \mu(3x5) = (-1)^2 = 1$  $n(h_5) = 0 \pm n(h) \cdot n(h)$ · 数,大新校老你 (f\*g)(n)= 如 f(d) g(n) = 元 f(d)g(e) = (g\*f)(n) \*X交接 送台: f\*g\*h= ac=nf(a) g(b) h(c)  $f \times I(n)$   $\overline{de}_n f(d) I(e) = \overline{de}_n f(d) I(e)$ exe=新ecd)e(会)=新1=展了正园数的个数号(a,b) abi (AN, 179[ , 们稳做) exexex te 18 notes kits not st 运: (1是统, P三)是一个移转 A: atn/ud) = (1. n=1. ★成就 P的准元). EXUIn) 之后。如白鱼 = 国奴一项 noz: g(pd1...pdk) = g(pd)...g(pdk). 新止 新水(d)=0· k>1. = y(1)+ μ(p)+ 0···+0·=1-1=0 1223: g(pid1...pid1) = 0. is ex 1= lin) Momus Dia: 9(d) = (uxf vn = In u(2) fed) 页

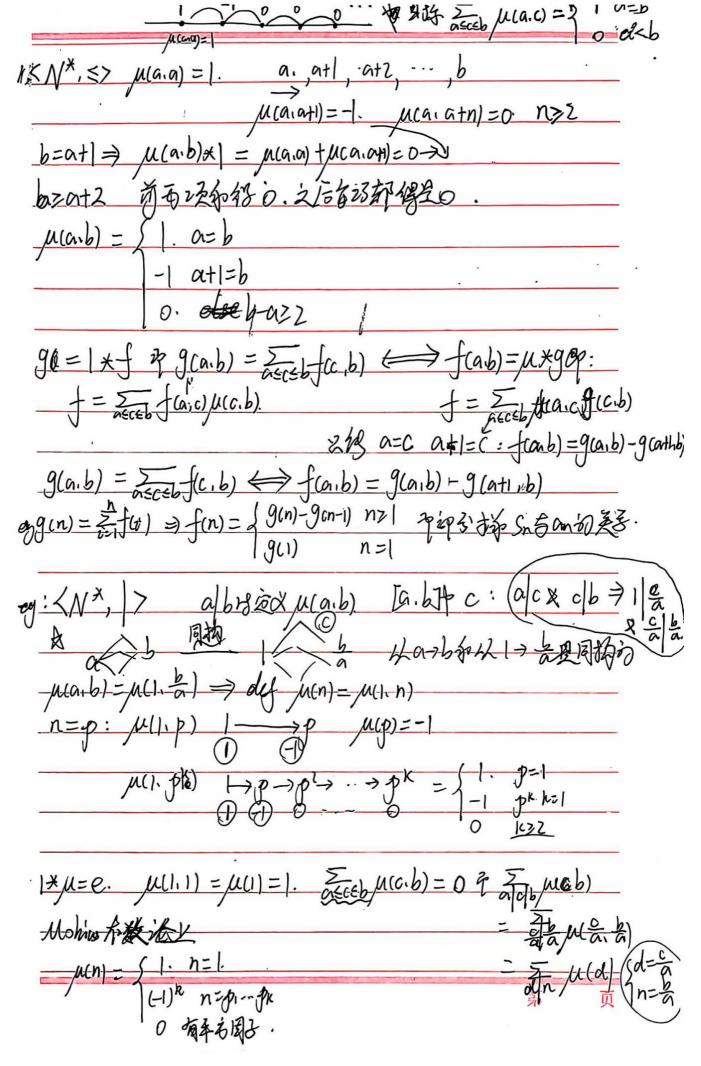


 $\Rightarrow f = e \times g$ ,  $f \times \mu = (\mu \times 1) \times g = 7 \times g = g$ €. 9 = uxf Pxu = exuxf = 1 \*f =f · 算术(数论) 函数 十· M → C |f(m+n)=f(m)+f(n) 党多和独 figato a...)=fip)fip)... = fin=0 · \*12. (m.n)= > forma)=fcm) +fcn) . n=pa1...pick f(n) = f(pa1) ... f(pan) 完全和军力(p). 安林·万川东J(ph) 此的是幸姓至 Xie gxe=ldatre=1) (Idenzn Pin n= 新yd)=新ych) [d=gcd(n.d)] = solfn 9x1 \* u= Id\*u  $(n) = \overline{a_n} \, \mu(d) \, \hat{d} = n \, \overline{a_n} \, \hat{d}$ 9=id\* n其中id与n均乘经 <u>Ψ(z,r.) φ(z,r.)... φ(z,z,k)</u>



是一个 Upbills 反演 (后居用在几个集合的再集上) } +: f[m.b]:a≤b €Xg → +(1g.b])=+(a.b) (af) (a.b)  $)(a.b) = \sum_{\alpha \in Ceb} f(\alpha,c)g(c.b)$ 在[a.b] (集中的fa.e)g(c.b) Second (a.c) (g \*h)(a.b) = 2 cel (a.c) [cedela](c.d) hid. = Secsols flaic)g(cd) h(db) = > f(a.c)f(gol) = 1 (d.b)



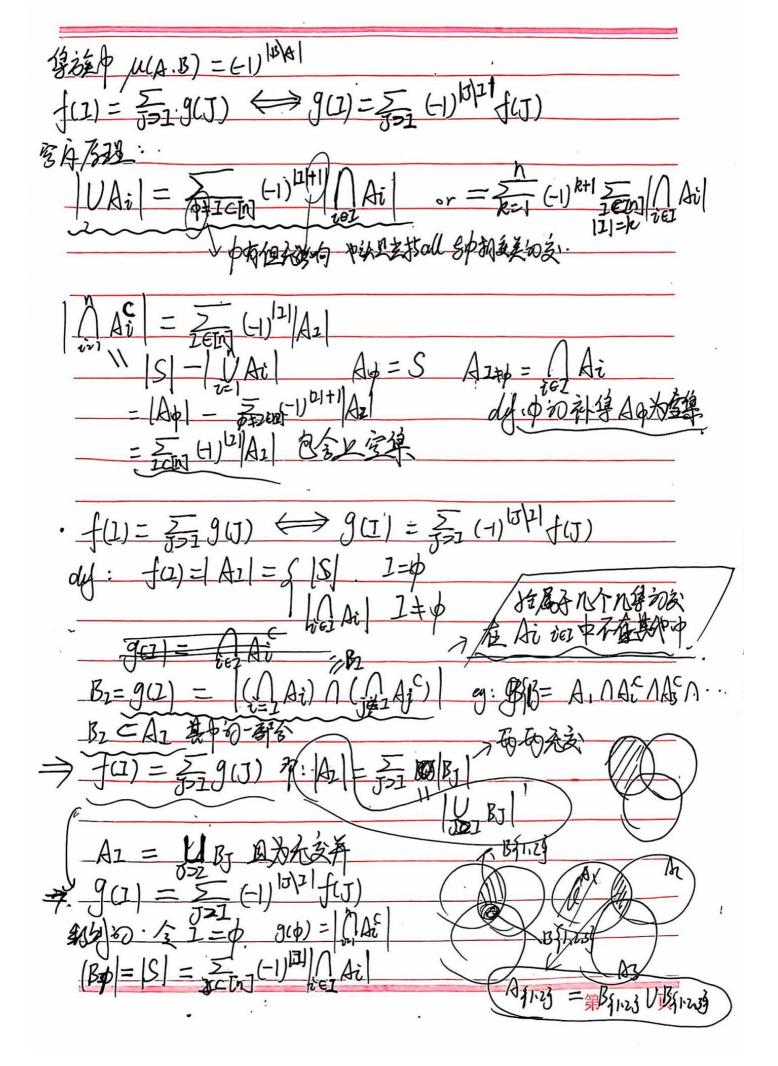




so that? ,...ng. 2<sup>M</sup>为的有效,<2<sup>M</sup>,C> 7 bill C st ALCECB ACCCB COC |A|=m,  $u(\phi, [m])=?$ (M(A)=(-1)A1 Si(AinAi)+ Si A Allohius 友海亚多月净理  $f(1) = \overline{f_1}g(1) \Leftrightarrow g(1) = \overline{f_2}(1)^{3r_1}f(1)$  $f(a) = \overline{E}ag(b) \iff g(a) = \overline{E}a \mu(a \cdot b) f(b)$ Exag(c) I(a=c) = g (a) 主题数.

页

第





客户外发生公记: or 直接数 页



