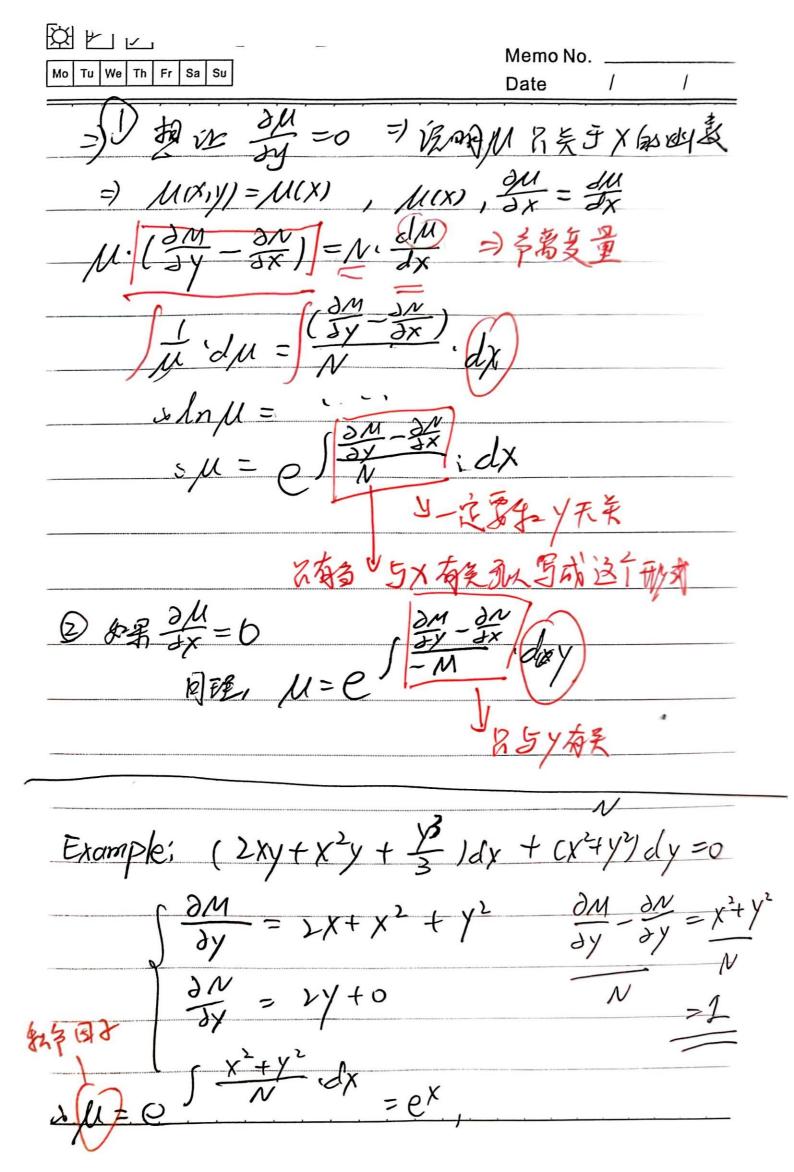
y=ax+alnxX+tcmx13x

$$\int_{-\frac{3}{3}}^{\frac{3}{3}} = \frac{7+6xy+3y^2}{4xy+3x^2}$$

$$=) f(x,y)dx - dy = 0 =) M(x,y)dx + N(x,y)dy = 0$$
个全线表於

图 图 网	
Mo Tu We Th Fr Sa Su	Memo No.
	Date /
(3) I D) (x) Mix, y, dx +	Syo Mayldy = C
强走 章	
3 Sy N(x) y) dy + Sx.	M(xx, y)dx = C
7 = 1	
$M(X_iy)$ MX_i	y /
$(4x^{3}y^{3}+1)dx + (3x^{4}y^{4})$	
一一到断是到红线产力经	
= 12 X3 y2 ==	DN - 12 x3 x2
Jy - 12 Ky	9x -15v /
Ix MIXIVIDIX + Sy N(X, Y)dy	, = C
-1	
$\int_{0}^{X} (4X^{3}y^{3}+1) dx + \int_{0}^{y} -2 dy$	y = C
[X4y4x]x + [-2y	
$x^{4}y^{4}+x-\lambda y$	
-	

Mo Tu We Th Fr Sa Su	Memo No/
(102) 主线等的维制等	3章因子.
Mixyldx + Nixyld	y >0
$\frac{\partial(M,y)}{\partial x} \neq \frac{\partial N(x,y)}{\partial x}$	22 一一 不可以用分型
ay 'a)	/
=) Suxy+M(x,y)dx-	+ M(x,y) Mx, y) dy 20
= JUMex + Lundy =	2
set $\frac{\partial UM}{\partial y} = \frac{\partial (UN)}{\partial x}$, 似: 据多国子
	地不,是全线系) 起的
	方经多为至党级多方程
2 (MM) - 2 (MM)	
7ay ax	D(M) 1 2M
all the second	Jy M Jy /M
34 / ZyXX	= 3x ·N+ dr. M
$\left(\frac{3y}{3y} - \frac{3y}{3x}\right)$	$= N \frac{3M}{3x} \left(-M \frac{3M}{8y} \right)$



母 图 图	Memo No
Mo Tu We Th Fr Sa Su	Date / /
sex (2 xy+ x2y+ 3	3)dx + ex(x2+ y ydy =0
=) 差 後 多 为 多 多	
=> Sendy + Sem (x	(a) dx = C
^	
o (xxxy) dy	y t /o odx = C
# [y.exx2 + fe	xy3 7 y = c
# [y.e*x² + zfe ; exyx²+ z	${\frac{1}{5}}e^{x}y^{3}=C$
A STATE OF THE PARTY 3	
(1013) 多级数约3月子	
1 M(x,y)dx + Ncxy)dy	
$d\mathcal{U} = M(x, y) dx + M(x, y)$	
	,
$\mu = e^{\int \frac{My - Nx}{N} dx}$ $\mu = e^{\int \frac{My - Nx}{N} dy}$	\mathcal{D}
LI= PS My-Nx dy	
if My-Nx is con	mplex =)
	1

=