```
105.2-6
(1) Ash= OEK= - Azx
  A群= (x 7 dx = (-26.4x-12.8x3) |x1 =-69.2]
   e. 120 = 69.27
2) -// X-030 X=100
 ①直接接 Agh=(24.4+12.8円)
@ 先枝至 X=1m. Ay= 12.8
12) A3 = 「X Pdx , 若先别 X A将=「X Pdx + Jx Pdx
 二是.
                                          = Jx Fdx = AZ
105, 2-7
P= F. 0 , P= Oti + bti = P= md=) d= 4ti + bti
\vec{V} = \int \vec{R} dt = (\frac{\alpha t^2}{2m} + C_1)\vec{i} + (\frac{bt^3}{3m} + C_2)\vec{j} = \vec{V}(0) = 0
(\vec{y} = \frac{\alpha}{2m}t^2\vec{i} + \frac{b}{3m}t^3\vec{j}) (\vec{y} = \frac{\alpha^2}{2m}t^3b + \frac{b^2}{3m}t^5)
105.28
 中的体在 y 5向上的底心 Xy (从桌面为 & U=O).
X_y = \frac{\frac{1}{4}m \cdot 0 + \frac{1}{4}m \cdot \frac{1}{8}}{\frac{1}{32}} = \frac{|\varpi|}{32} L
i. A = mg xy - my - 0 = 1 mg L
105.20
 F = k·ox + mg = Jmk Vo+ mg
```

105.2-10	
(1) 石马让闽西为论和:	
) [- 10	
TT TW = Macha	0
-CAB = CAB	
1/2 = 1/12 = 1/2 The Va + 1/2 1/	The state of the s
VA=V13 在经过至23.765	盖后,成为后一,成不可能。
TT X 7 5/57/13	品。以后一,加不到的。
「A=VB= Jimp+mB Xo	后鸟. IP X,=0
J matam (0	, 6% j
Water	