

9回はお柿重、たわみをみておて

EI dy = g(x)

y(x) = 2 x + 4 6 = 1 x + C = 2 = 1 x + C + C +

たわみ局のとすると

 $(O(x) = \frac{dy}{dx} = \frac{Q}{6EI} x^2 + \frac{C_1}{2EI} x^2 + \frac{C_2}{EI} x + \frac{C_3}{EI}$ 7 7(0)=005 C4=0

0(0)=0 to C3=0

F. + M(L) = 0

M(x) = EI dig

 $= \frac{\alpha}{2EI} \chi' + \frac{C_1}{EI} \chi + \frac{C_2}{EI}$

M(4) = 3 L2 + CIL + ET = 0

\$ 8L2 + 2C1L + 2C3 = 0

V(L) = 0

V(X): [137

VM = d3y = 8 x + C1

V(L) = 4 L + ET = 0

9L+ C1=0

F,7 C1: - 9L. C2: 32

シノ上サフ

0 (90) = 8 x3 - 81 x + 812 x