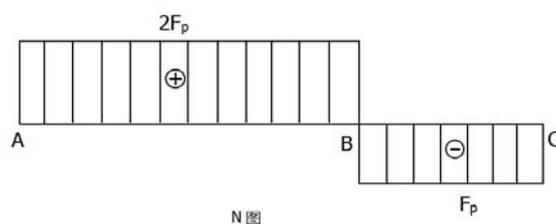


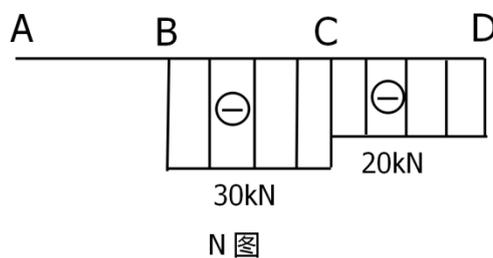
## 模块一 1.3 习题答案

### 1.3.1

(a) :



(b) :



### 1.3.2

(a)

1-1 截面 :  $V_{1-1} = 0(kN)$  ;  $M_{1-1} = -2(kN \cdot m)$

2-2 截面 :  $V_{2-2} = -5(kN)$  ;  $M_{2-2} = -12(kN \cdot m)$

(b)

1-1 截面 :  $V_{1-1} = 4(kN)$  ;  $M_{1-1} = 4(kN \cdot m)$

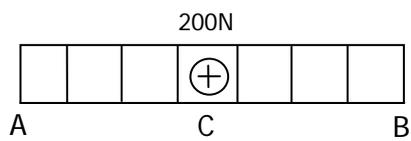
2-2 截面 :  $V_{2-2} = 4(kN)$  ;  $M_{2-2} = -6(kN \cdot m)$

(c)

1-1 截面 :  $V_{1-1} = 30(kN)$  ;  $M_{1-1} = -45(kN \cdot m)$

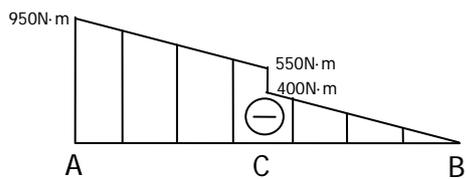
2-2 截面 :  $V_{2-2} = 0(kN)$  ;  $M_{2-2} = 40(kN \cdot m)$

### 1.3.3



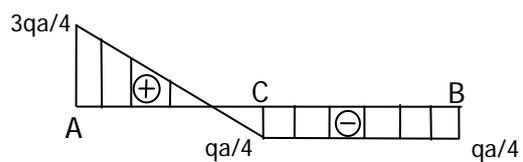
V 图

(a)

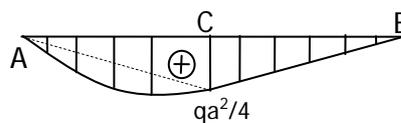


M 图

(b)

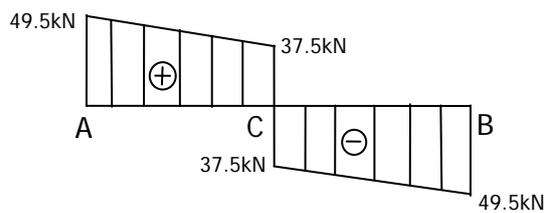


V 图

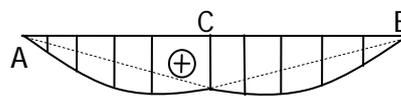


M 图

(c)



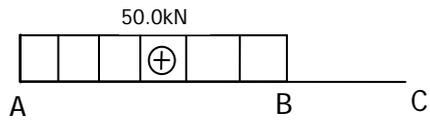
V 图



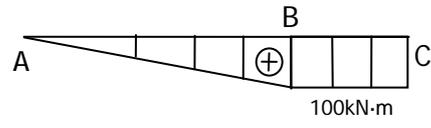
M 图

(d)

|

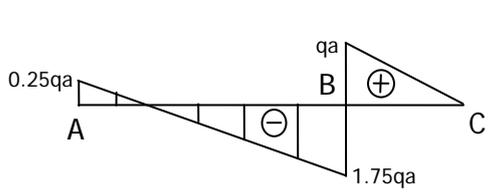


V图

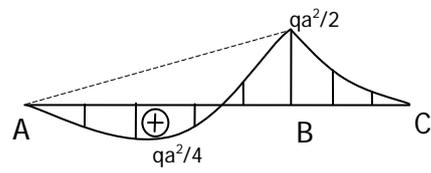


M图

(e)

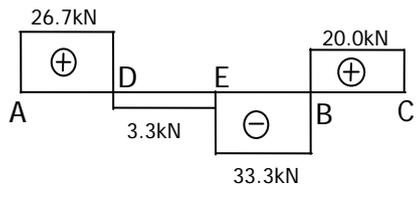


V图

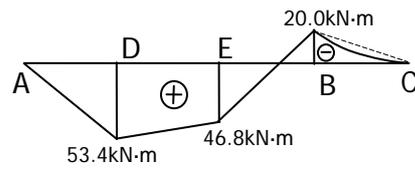


M图

(f)



V图



M图