

: () : ()

○ ○ ○ ○

(2)	(24) (80)	(150)		인
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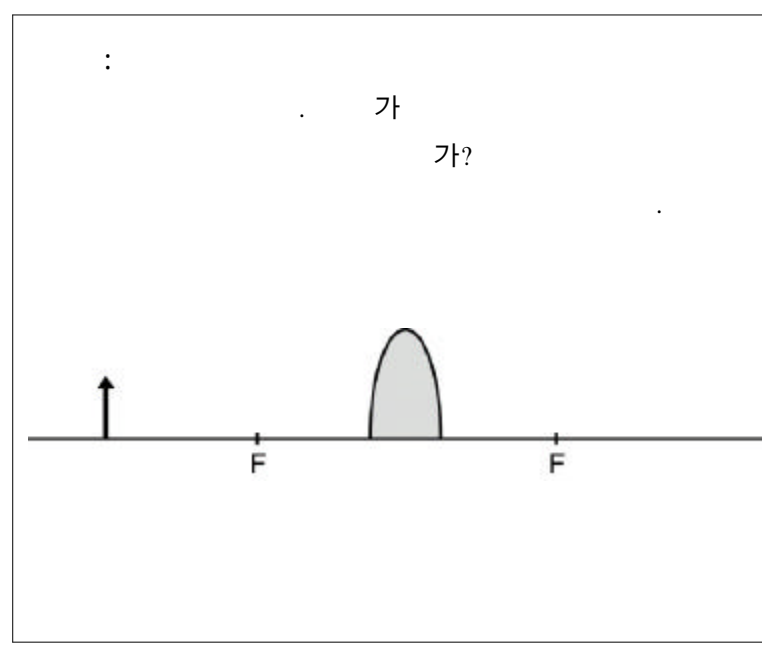
○ 가 .
○ (=)
○ 가
○
• 가
•
•
1. 7
•
2가
• (3)

2. 가 가
• 가
?'
• 가
가
가
가 가
가 가
• 가 가
2가 . (4)

가	가
---	---

3. 가
,
,
• ,
• . (3)
3 , 2
• :
• :

4. 가
,
2가 . (3)



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5.

K “
 ” 가
 “
 ”
 . K 가 가
 가

가
 , “ , — 가
 (3)

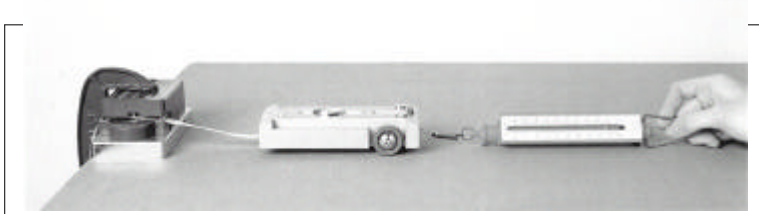
6.

(Bohr) (Rutherford)
 , 가 가
 1913
 ,
 .
 ,

가
 가
 2 . (3)

- :
- :

7. , ,



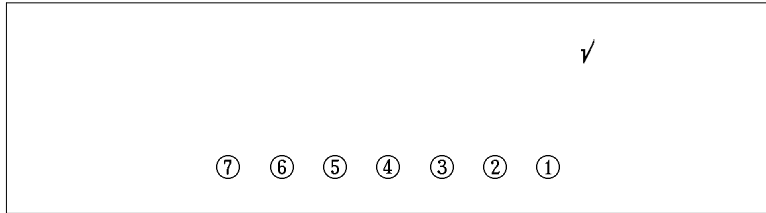
< >
 1 :
 1N 가
 ,
 2N, 3N, ... 가
 2 :
 2, 3, ... 1N ,
 가
 3 : ()
 4 :

1 2
 , 3

- (, ,
 7 ,
 .) (4)
- 1, 2 :
- 3 :
- 3 :

○ : () ○ : ()

8. Y 가 (semantic differential)

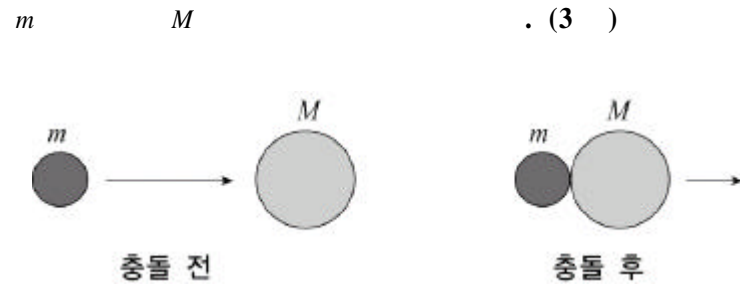


① ⑦ 1 7
A, B, C, 3
가 4.3, 5.3, 6.3 1 가 .
3 가
(Likert
scale) 5 . (3)

• 가:

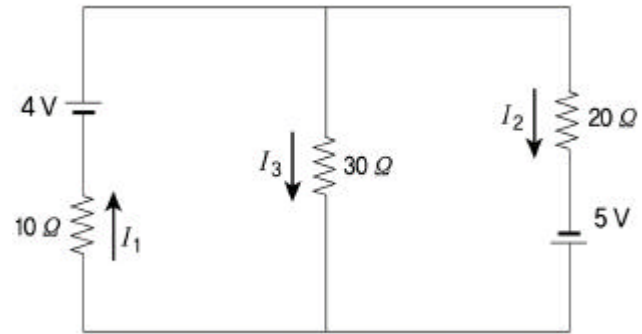
• :

9. m 가 M



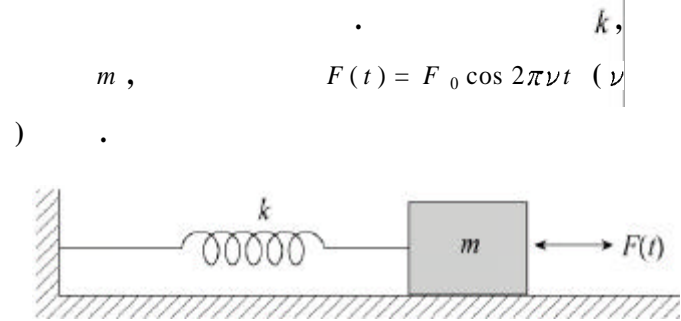
.
 $\frac{1}{4}$,
. (3)

10. 30
 I_3 . (4)

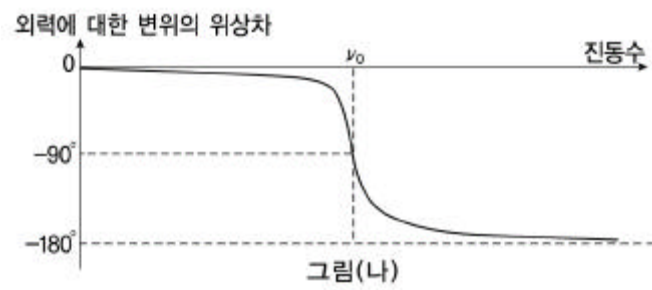
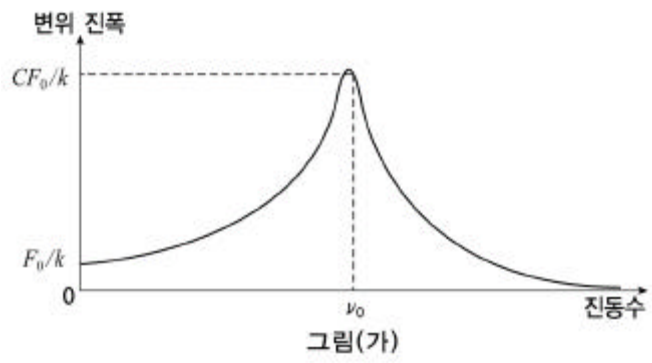


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15.

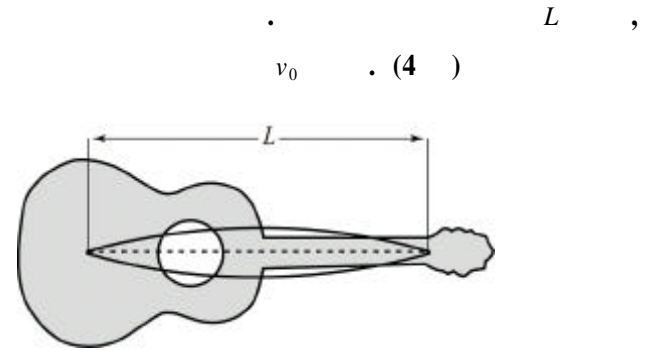


(가) , ()
 . (, F_0) (3)



- 1) ν 가 ν_0 가 A_1 , A_2 (, $F(t) = F_0$) , $\frac{A_1}{A_2}$.
- 2) ν 가 ν_0 , (,) 가 () .

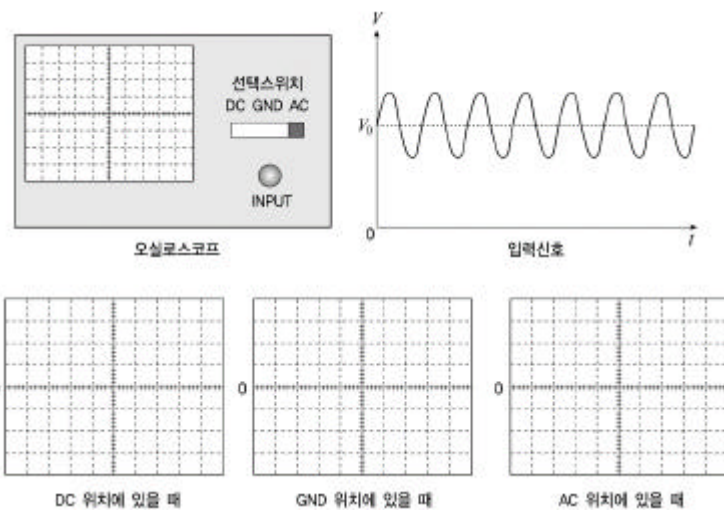
16.



- 1) (, v_s) .
- 2) (,) .

17.

AC , DC GND (3)



: () : ()

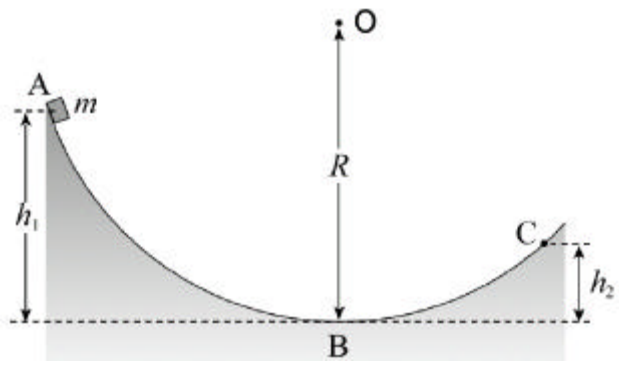
○

○

○

○

18. h_1 A m R 가
 가 g , \cdot (,
) (3)

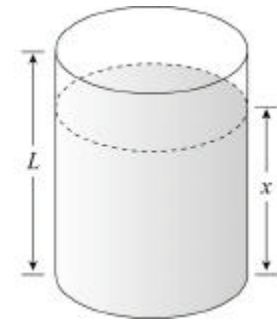


1) B \cdot

2) h_2 C 가 가
 \cdot (, $h_1 > h_2$)

19. 가 가
 \cdot

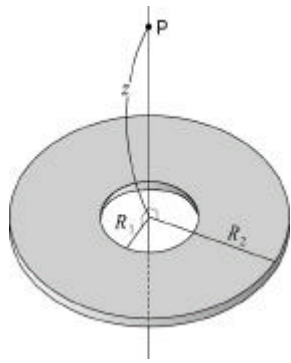
H 가
 L , \cdot (,
 $\frac{L}{2}$,
 M ,
 m ,
 $\frac{x}{2}$) (3)



: () : ()

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20. R_1 가 가
 R_2 가 가
 Q 가
 (4)



1) P z

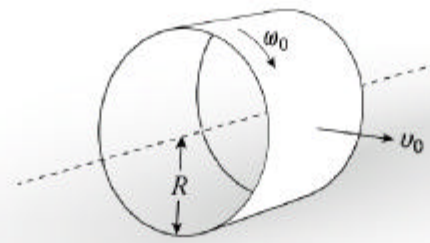
2) $z \gg R_2$

21. 가
 $t = 0$

M, R
 v_0, ω_0

가 g, μ

(4)

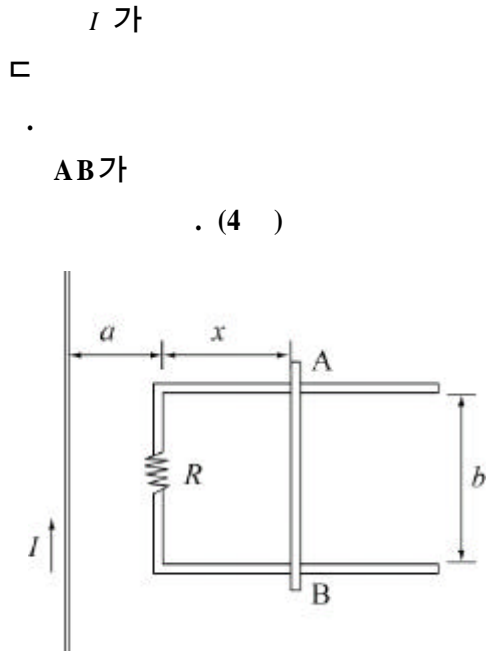


1) T

2) $t = 0$ $t = T$
 S

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22.



1) AB ,
 , (,
 .)

2) $t = 0$ AB $x = 0$,
 v_0 ,

R

23.

$0 < x < L$ $0 < y < 2L$ $z > 0$

0
3 가
 . (,
 .) (4)

