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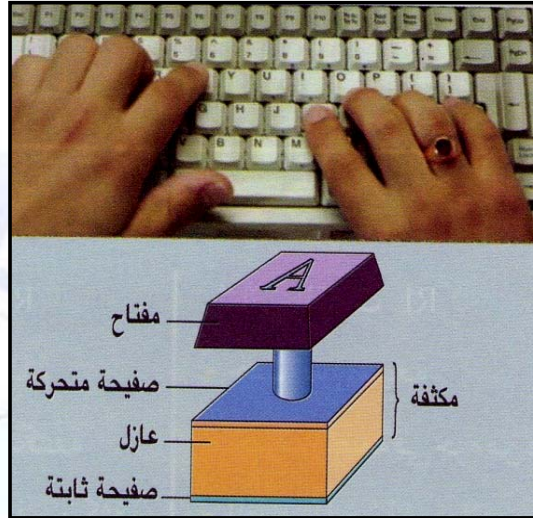
: 5

: 6

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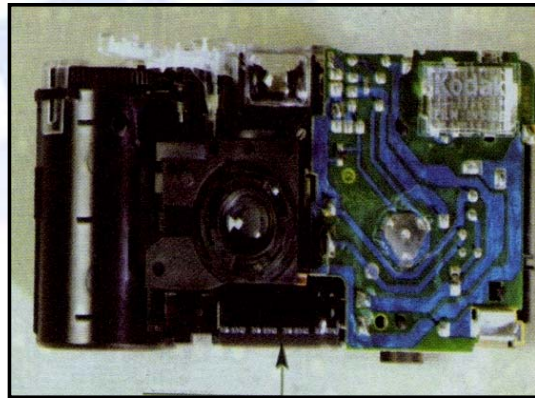
GBF

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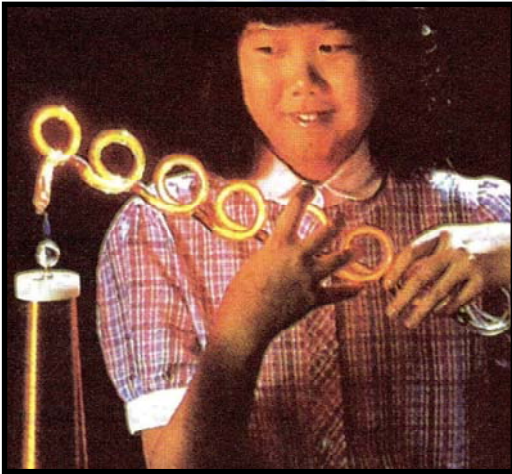


:6

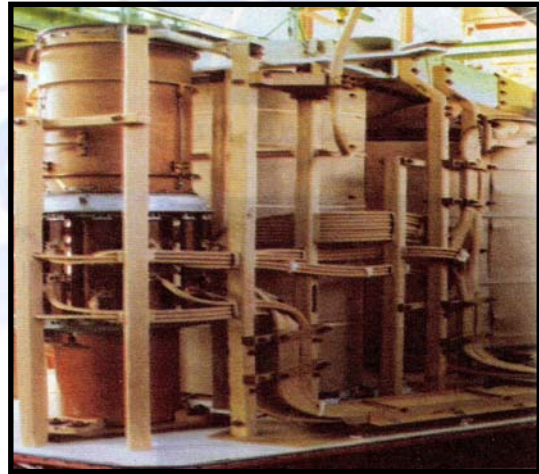


:5

Las Vegas



:8



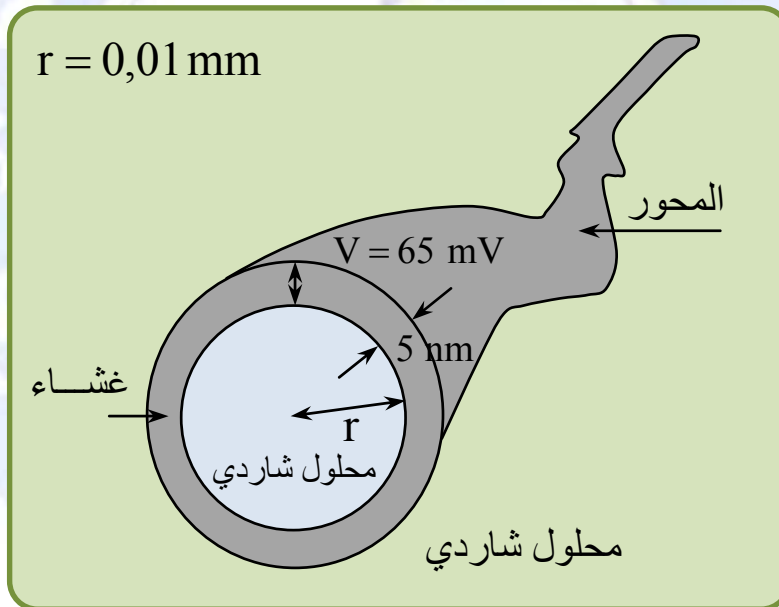
:7

( )

5 nm

 $\approx -65\text{mV}$ 

:

 $(\text{K}^+ \quad \text{Na}^+)$ 

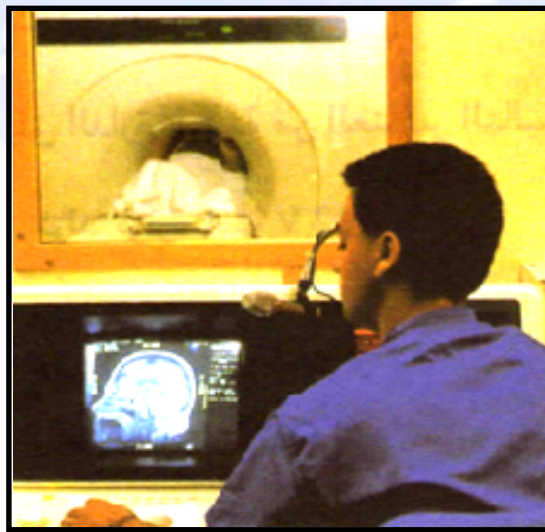
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0,8 .

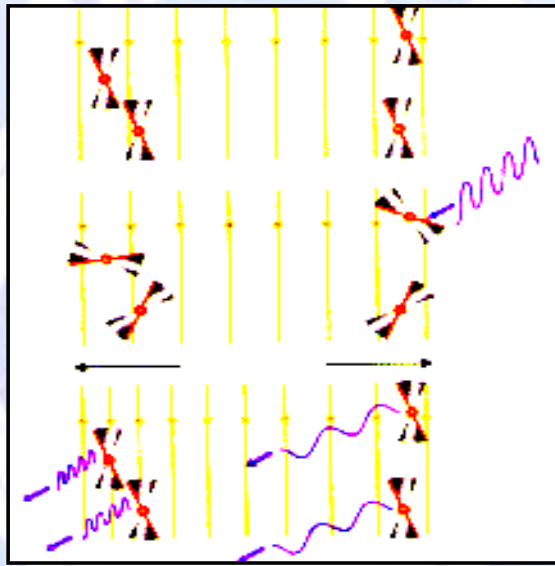
4 :

IRM



IRM

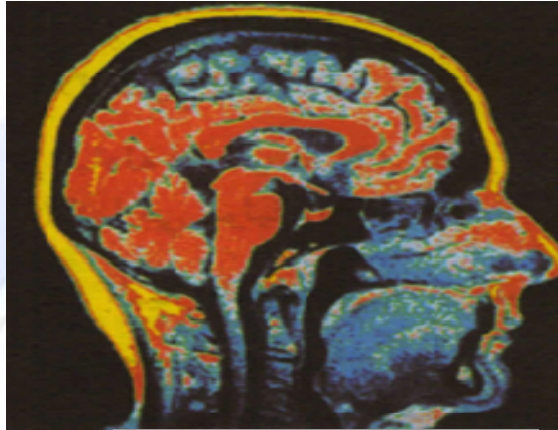
( )



IRM

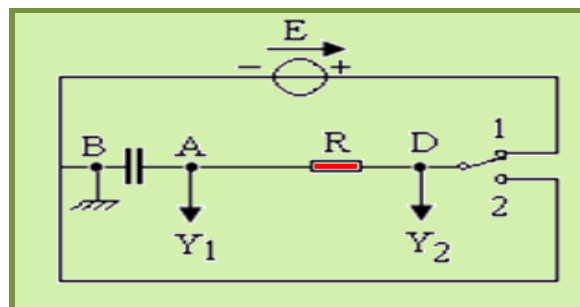
IRM

IRM



:5

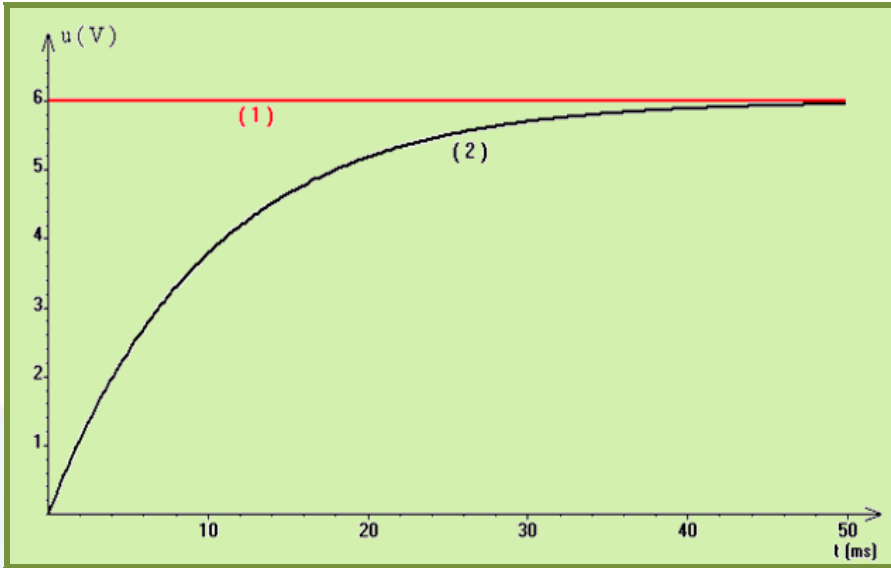
$R =$        $C = 16 \mu F$        $E = 12 V$       -  
10  $K\Omega$



- 1

1

:



$u_{DB}$   $u_{AB}$

$$i = f(t)$$

RC

-  
-  
-  
-  
-

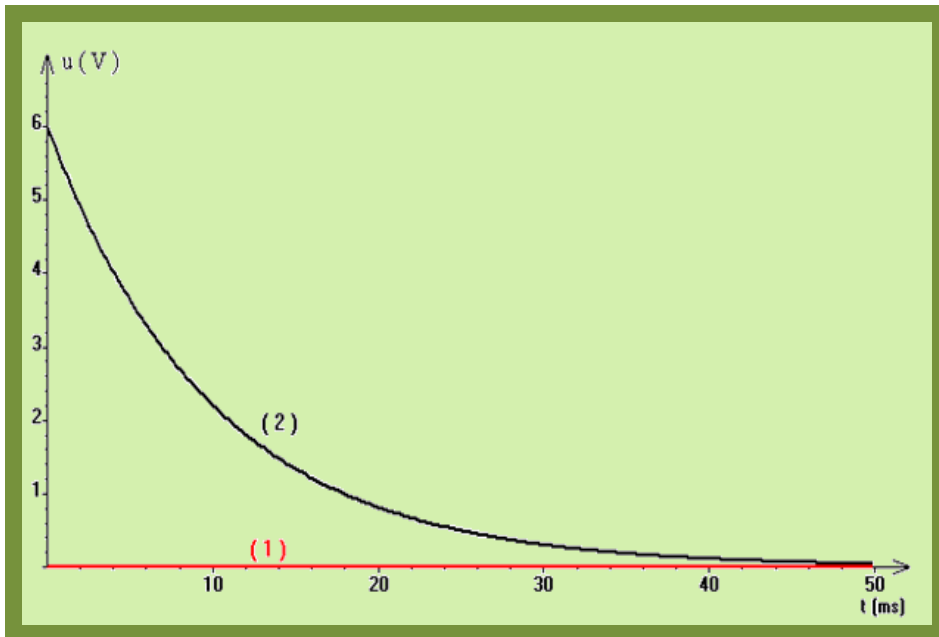
- 2

2

:

(2) (1)





$u_{DB}$

$u_{AB}$

- 
- 
- 

6:

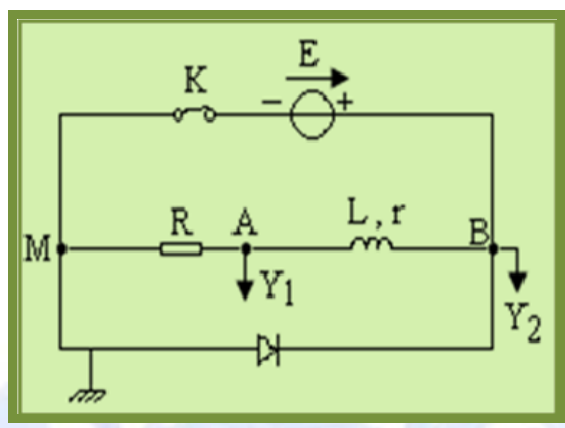
$E = 6 \text{ V}$

$r = 10 \ \Omega$        $L = 1 \text{ H}$

$R = 470 \ \Omega$

- 
- 
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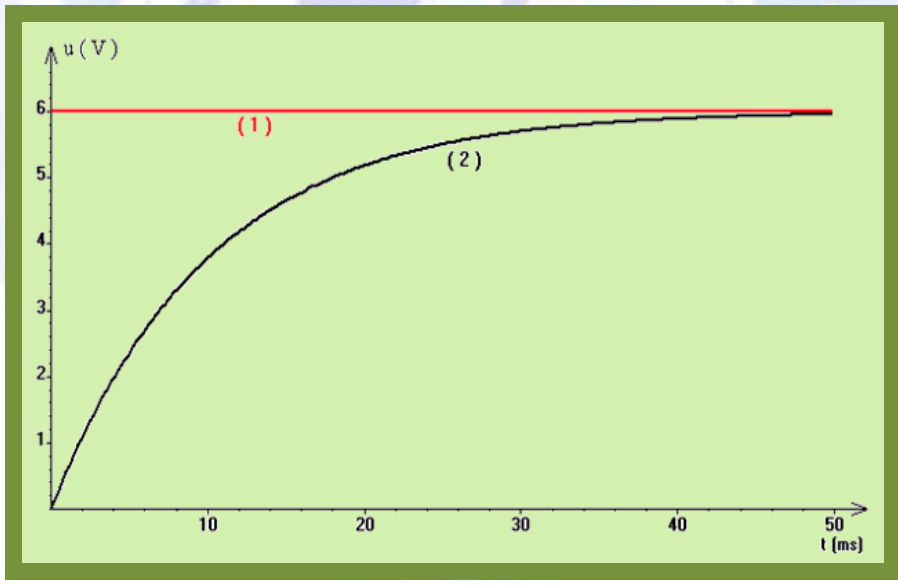
:



- 1

(2) (1)

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$u_{BM}$

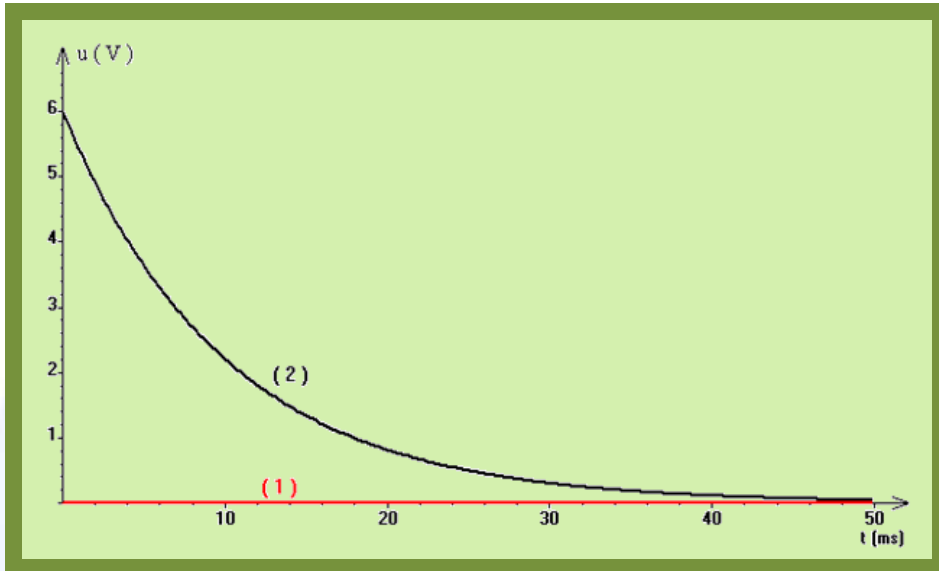
$u_{AM}$

$u_{AM}$

- 
- 
- 
- 
-

(2) (1)

:



$$u = f(t)$$

$$\frac{L}{R+r}$$