

2

$\mu\mu$

μ

1.

$$\begin{aligned}
 &= 75 \cdot 10^{-8} \mu^2 (12 \cdot 10^{10} t - 4 \cdot 10^4 x) \\
 &= 25 \cdot 10^{-8} \mu^2 (12 \cdot 10^{10} t - 4 \cdot 10^4 x) \quad (\text{SI}) \\
 &= 300 \cdot 10^{-8} \mu^2 (6 \cdot 10^{10} t - 2 \cdot 10^2 x) \\
 &= 100 \cdot 10^{-8} \mu^2 (6 \cdot 10^{10} t - 2 \cdot 10^2 x) \quad (\text{SI}) \\
 &= 150 \cdot 10^{-8} \mu^2 (9 \cdot 10^{10} t - 3 \cdot 10^2 x) \\
 &= 50 \cdot 10^{-8} \mu^2 (9 \cdot 10^{10} t + 3 \cdot 10^2 x) \quad (\text{SI})
 \end{aligned}$$

μ

μ

;

3

6

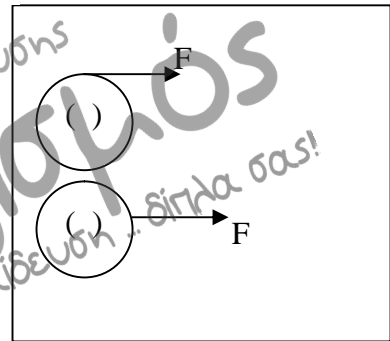
$$c = 3 \cdot 10^8 \text{ m/s.}$$

2.

() () μ

μ

μ μ μ μ



μ

$t > t$

$t = t$

$t < t$

() t , :

4

6

3.

μ μ

μ

μ

μ

μ

μ

$= 4$

μ

$\mu\mu$

6

3

μ

μ

μ

μ

μ

1

:

$$y_1 = A \mu 30 t \text{ (SI)}$$

μ

μ

2,

6 cm

μ

1,

:

