

Θέμα Α

A<sub>1</sub>. (γ)  $T' = 2T \rightarrow \omega' = \frac{\omega}{2}$

$V = NBA\omega$  ,  $V' = NBA\omega' = NBA\frac{\omega}{2} \rightarrow V' = \frac{V}{2}$

A<sub>2</sub>. (α)

A<sub>3</sub>. (γ)  $P_1 + \frac{1}{2}\rho v_1^2 = P_2 + \frac{1}{2}\rho v_2^2 + \rho g h$

$P_1 - P_2 = \frac{1}{2}\rho(v_2^2 - v_1^2) + \rho g h$

$v_2 > v_1$  άρα  $P_1 > P_2$

A<sub>4</sub> (δ)

A<sub>5</sub> α)  $\Sigma$

β) ~~Λ~~

γ) ~~Σ~~

δ)  $\Sigma$

ε) Λ