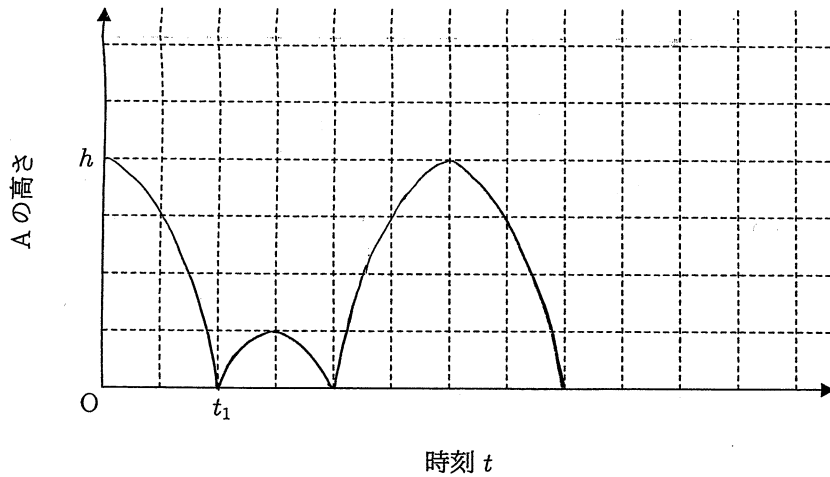


(I)	(ア)	$e\sqrt{2gh_0}$	(イ)	$(1+e)m\sqrt{2gh_0}$
	(ウ)	$\frac{M-m}{M+m}$	(エ)	$\frac{2(M-m)\sqrt{2h}}{M+m\sqrt{g}}$
	(オ)	$\frac{\pi^2(M+m)^2 Mg}{8(M-m)^2 h}$	(カ)	$\frac{8m(M-m)h}{\pi(M+m)^2}$
	(キ)	$m\sqrt{2gh}$		

解答図 (I-A)



(ア)	$-\frac{I_0}{\omega C} \cos \omega t$	(イ)	$\omega L I_0 \cos \omega t$
(ウ)	$\frac{C_1 C_2}{C_1 + C_2}$	(エ)	$\frac{\omega C_1 C_2 V_0}{C_1 + C_2} \cos \omega t$
(オ)	$\frac{C_1 V_0}{C_1 + C_2} \sin \omega t$	(カ)	$-\frac{V_0}{\omega(L_1 + L_2)} \cos \omega t$
(キ)	$\frac{L_2 V_0}{L_1 + L_2} \sin \omega t$	(ク)	$\frac{L_1}{L_2} C_1$
(ケ)	$\frac{1}{\sqrt{L_1 C_1}}$		

(ア)	$\frac{k_0 e^2}{r^2}$	(イ)	$\frac{k_0 e^2}{m v^2}$				
(ウ)	$\frac{L^2}{k_0 m e^2}$	(エ)	$-\frac{k_0 e^2}{r}$				
(オ)	$-\frac{k_0^2 m e^4}{2 L^2}$	(カ)	$\frac{E_n - E_{n'}}{h}$				
(キ)	$\frac{h}{m v}$	(ク)	$\frac{h L_n}{k_0 m e^2}$				
(ケ)	$\frac{h}{2m} \left( \frac{1}{\lambda_{n'}} - \frac{1}{\lambda_n} \right)$						
(a)	(z)	(b)	(3)	(c)	(1)	(d)	(6)