



PAUTES DE CORRECCIÓ SÈRIE 3	FISICA CURS 2005-06
a) $G \frac{M_S M_M}{R^2} = M_M \omega^2 R 0.5 \rightarrow$	
T = 81.814 s (22,7h) 0,2	
	10.21
$\frac{1}{2} \text{ Me} = 9 \frac{1}{\text{RM}} \frac{0.44}{\text{Ne}} \rightarrow \text{Ne} = \frac{1}{2} \frac{1}{\text{Ne}} $	V = 161 m/s
a) MCUA. Posseeix:  at perque vi varia  an perque descrii n	en el temps. [0,2] ma trajectó na circular [0,3]
b) MVHS.  Posseeix:  at perque  at mo, trojec	[n] varia en el temps [0,2] serque descrir ma toria rectilinea.
and the second of the second o	
$\lambda = 2\pi/\sqrt{\frac{0.2}{k}} \rightarrow \lambda = 2\pi/2\pi$	= $1  m$ $0,1$
	The state of the s
A	
a) $T \cos \theta - mg = 0$ $T \cos \theta - mg = 0$	
b) Tsino = mw2 (l. sino) [04] ->	$\omega = \sqrt{\frac{1}{ml}}  \boxed{0,4} \rightarrow \omega = 6,3 \text{ rad/s}$
c) $\overrightarrow{F} = T \sin\theta \left(-1,0\right) \left[0.7\right] \rightarrow$	$\vec{F} = (-3,38,0)  \text{N}  [0,3]$
	SERIE 3  a) G Ms MM = MM $\omega^2 R$ 0,5 $\rightarrow$ $T = 81.814 s$ (22,7h) 0,2  b) $g = G \frac{Mm}{R^2}$ 0,7 $\rightarrow g = 0,00$ c) $\frac{1}{2} m v_e^2 = G \frac{Mm \cdot m}{Rm}$ 0,4 $\rightarrow v_e =$ a) MCUA. Posseeix:  at perque descrie m  b) MVHS. Posseeix:  at perque descrie m $\Delta n$ perque descrie m $\Delta n$

	SÈRIE 3 (CONT.)	WRS 2005-06
Q3.	$\Delta u =  q_e  \cdot \Delta V$ $0,5$ $u = 0 + \Delta u$ $0,2$ $\rightarrow u = 0 + 1,602 \cdot 10^{-1}$	19 (1000 -0)
	0,2	$J = 10^3 \text{ eV}$
æ4·	a) $\lambda = c/\nu$ $0.3$ $\rightarrow \nu = c/\lambda = \frac{3.10^8}{6.10^{-7}}$ b) $E = h\nu$ $0.3$ $\rightarrow E = 3.3.10^{-19} J \simeq$ $E > E_0 (1 eV) \Rightarrow Si que es produeix$	2 eV
- Can	7	
OPCO	9 (10:10-6 -10:10-6	3 4 F <sub>1</sub>
P2.	a) $V = 9.0 \cdot 10^{9} \left( \frac{10 \cdot 10^{-6}}{\sqrt{3^{2} + 14^{2}}} + \frac{-10 \cdot 10^{-6}}{4} \right) = -4.5 \cdot 10^{-3}$ $U = 9. \sqrt{9.3} \rightarrow u = -4.5 \cdot 10^{-3} \text{ J} = 0.2$	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
	b) $\frac{7}{1} = 9.0 \cdot 10^{9} \frac{10 \cdot 10^{-6} \cdot 10^{-6}}{3^{2} + 4^{2}} \left( \frac{3}{\sqrt{3^{2} + 4^{2}}}, \frac{4}{\sqrt{3^{2} + 4^{2}}} \right)$	+ 1 2 + 2 ×
	$\overline{F_2} = 9.0 \cdot 10^9 \frac{10 \cdot 10^{-6} \cdot 10^{-6}}{4^2} \left( 0, -1 \right) \boxed{0.4}$	
	$\vec{F} = \vec{F_1} + \vec{F_2} = (2,16, -2,74) \cdot 10^{-3} \text{ N}$	
	c) Ambolds resultate quedarien dividits per	81. 0,5 + 0,5
Q3.	1.6, 2. a Correcta: [0,5]	total de Q3+Q4
24.	1.b, 2.a Em blanc: 0 ent Incorrecta: -0,25 (me	total de Q3+Q4 re Q i 2 punts puntu a crous megatives)