

2013-2012 :		01 :	
03:	:	. . :	1 :
/ :			

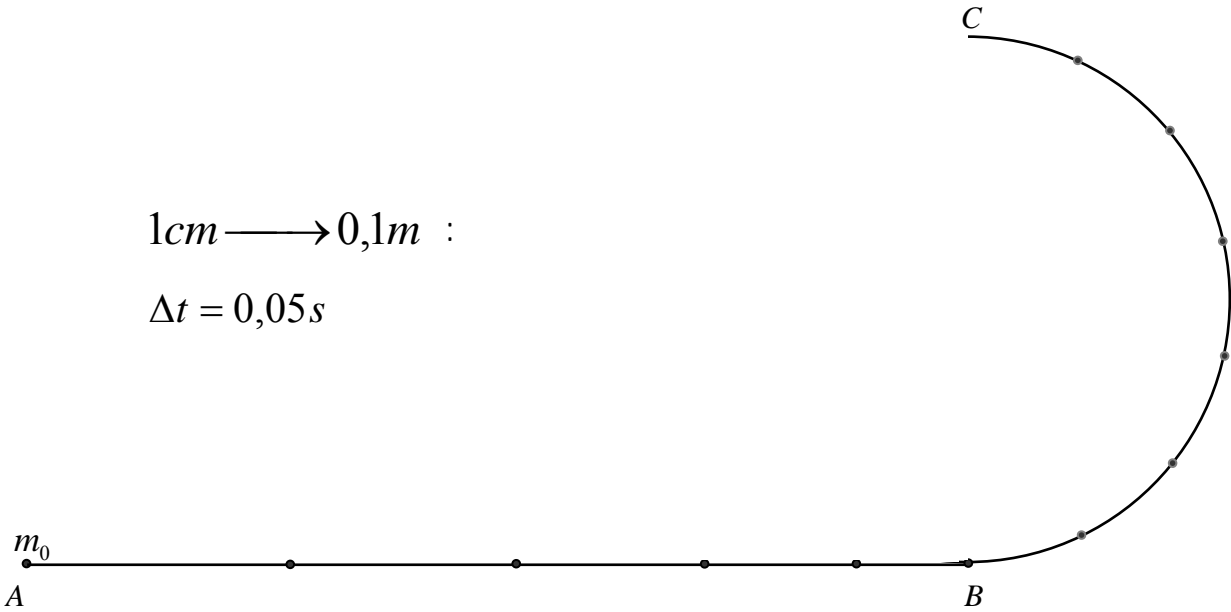
(7,5) :

.R BC AB ABC

Avistep

. (1-)

1cm→0,1m :
Δt = 0,05s



(1-) AB -I

. -1

M_1 , M_2 , M_3 , M_4 : -2

. -3

M_2 , M_3 : -4

M_2 : 1cm→1m / s : -5

M_0 , M_5 : -6

BC -II

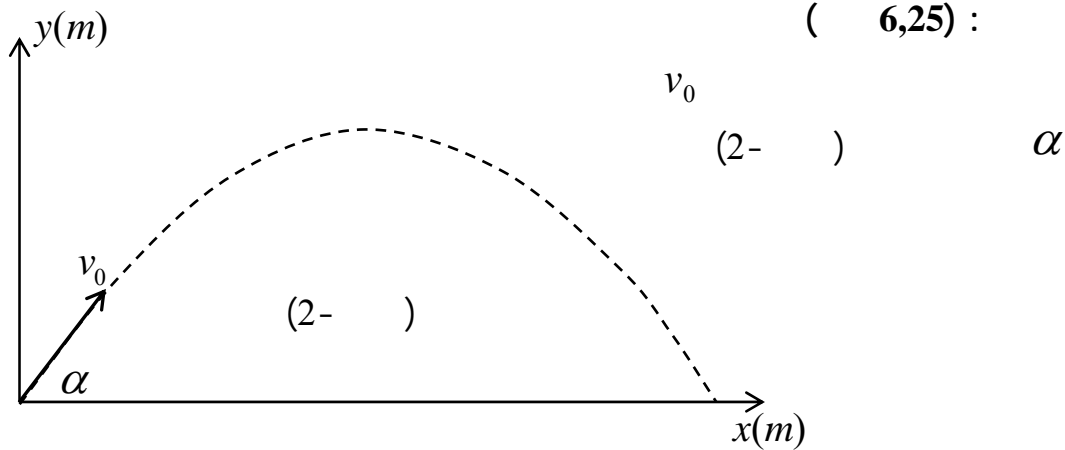
M_6, M_8, M_{10} : -1

. , -2

. , M_7, M_9 : -3

. BC R -4

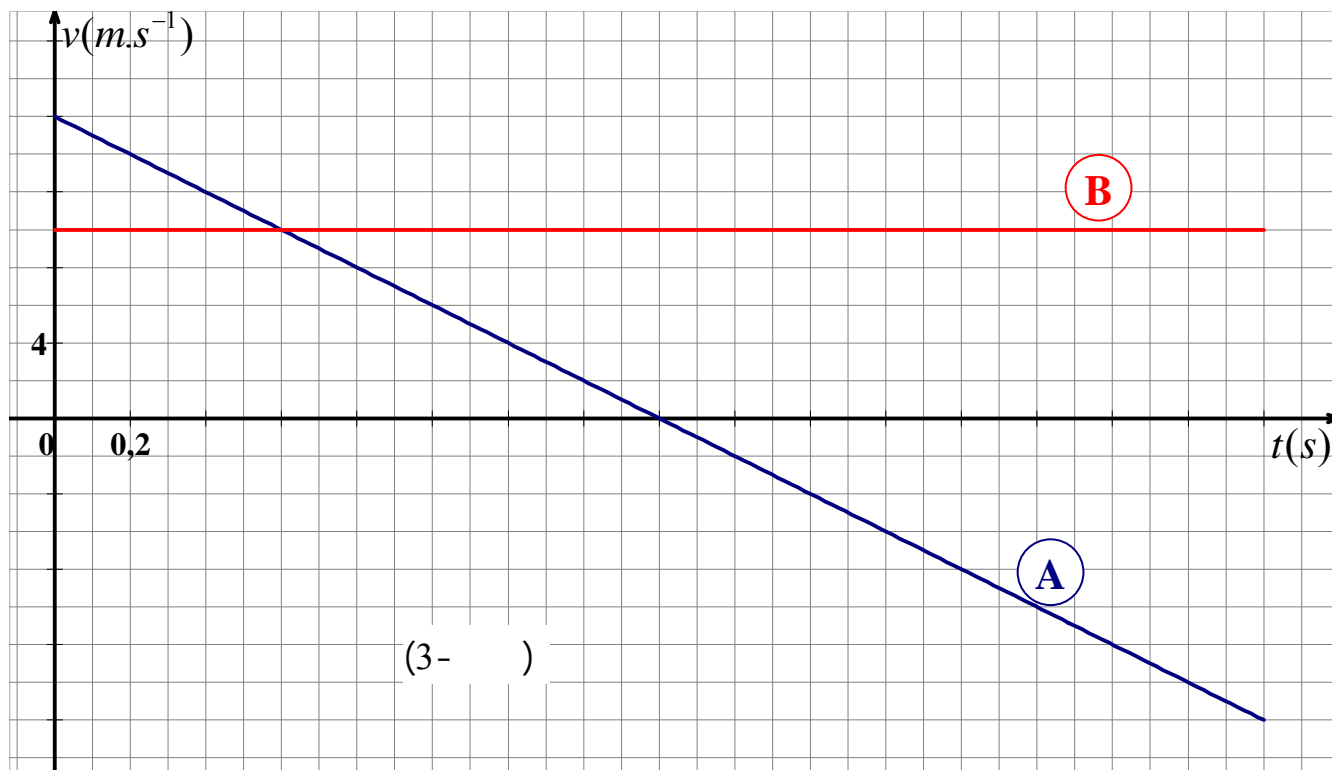
(6,25) :



:

v_y v_x

(3-)



v_y	v_x	-1
		- -2
		-
		-→
		- -3
		-
		-→
	$t = 0$	-4
v_{y0}	v_{x0}	-
	v_0	-
α		-→

(6,25):

)
 .(25% 75%
 2,00 g

		-1
$^{63}_{29}Cu$:	$^{197}_{79}Au$:	-2
		-
		-
		-→
		-3

. 1,60 g

-
 -
 -→

$$m_n = m_p 1,67 \times 10^{-24} \text{ kg} :$$