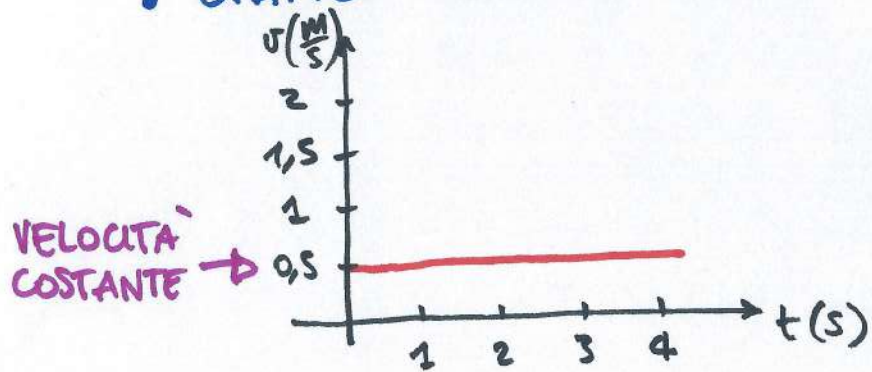


# GRAFICI DEL MOTO RETTILINEO UNIFORME

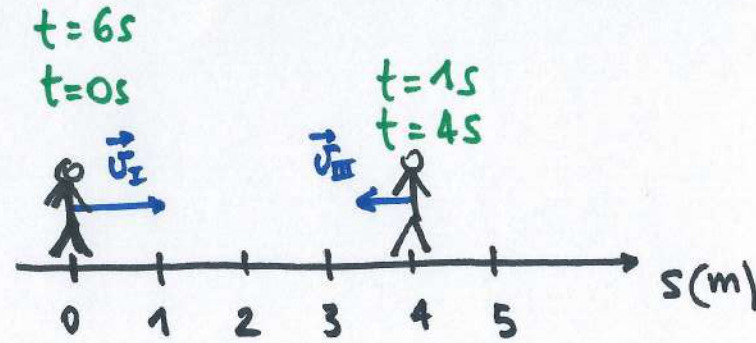
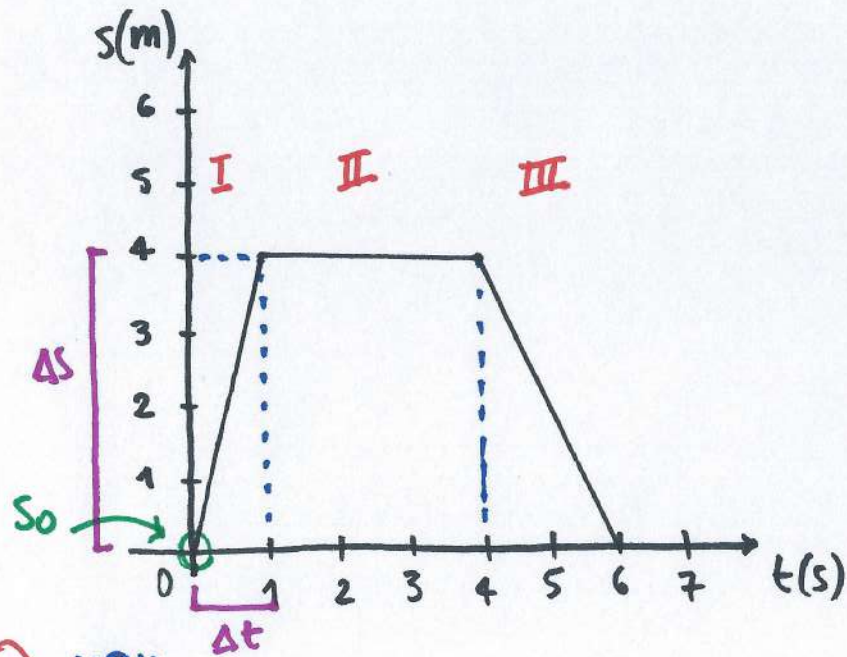
## • GRAFICO SPAZIO - TEMPO



## • GRAFICO VELOCITÀ - TEMPO



# ESEMPIO 1

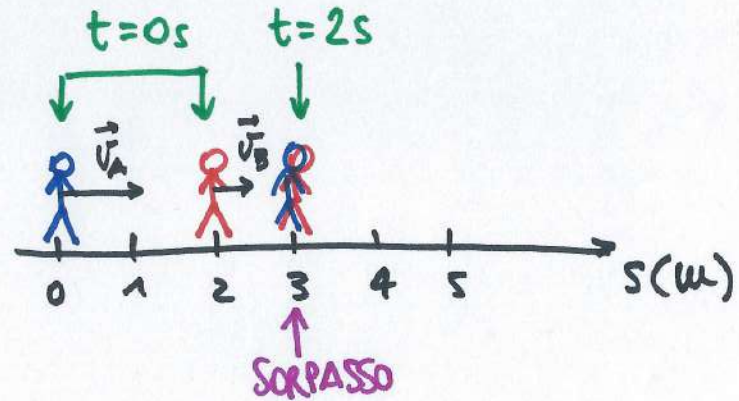
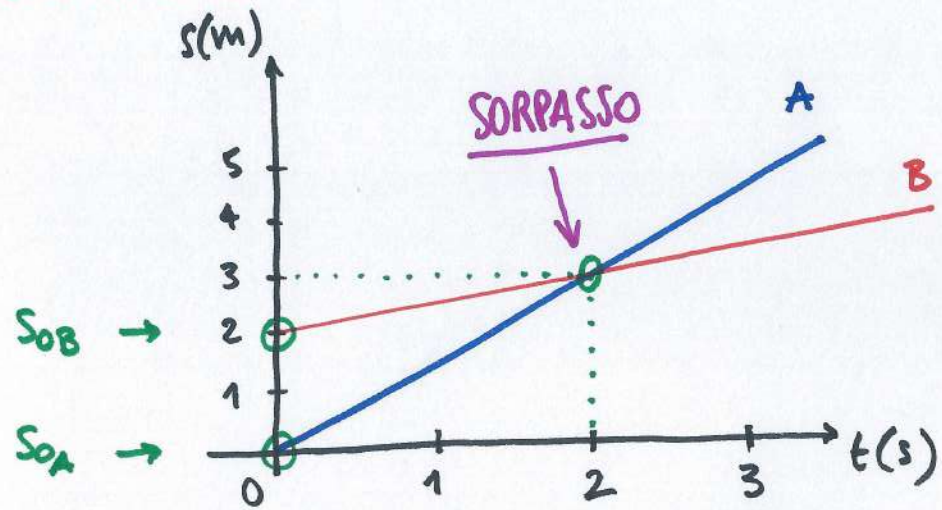


Ⓘ MRU.  
 $S_0 = 0\text{m}$   
 VELOCITA' POSITIVA  $v_I = \frac{\Delta s}{\Delta t} = \frac{4\text{m}}{1\text{s}} = 4 \frac{\text{m}}{\text{s}}$

Ⓙ  $v_{II} = 0 \frac{\text{m}}{\text{s}}$

Ⓚ M.R.U.  
 VELOCITA' NEGATIVA  $v_{III} = \frac{\Delta s}{\Delta t} = \frac{0\text{m} - 4\text{m}}{6\text{s} - 4\text{s}} = -2 \frac{\text{m}}{\text{s}}$

## ESEMPIO 2 - 2 MOTI NELLO STESSO GRAFICO S-T



POSIZIONI INIZIALI

$$s_{0A} = 0 \text{ m}$$

$$s_{0B} = 2 \text{ m}$$

VELOCITA'  $v_A > v_B$

$$v_A = \frac{3 \text{ m}}{2 \text{ s}} = 1,5 \frac{\text{m}}{\text{s}}$$

$$v_B = \frac{1 \text{ m}}{2 \text{ s}} = 0,5 \frac{\text{m}}{\text{s}}$$