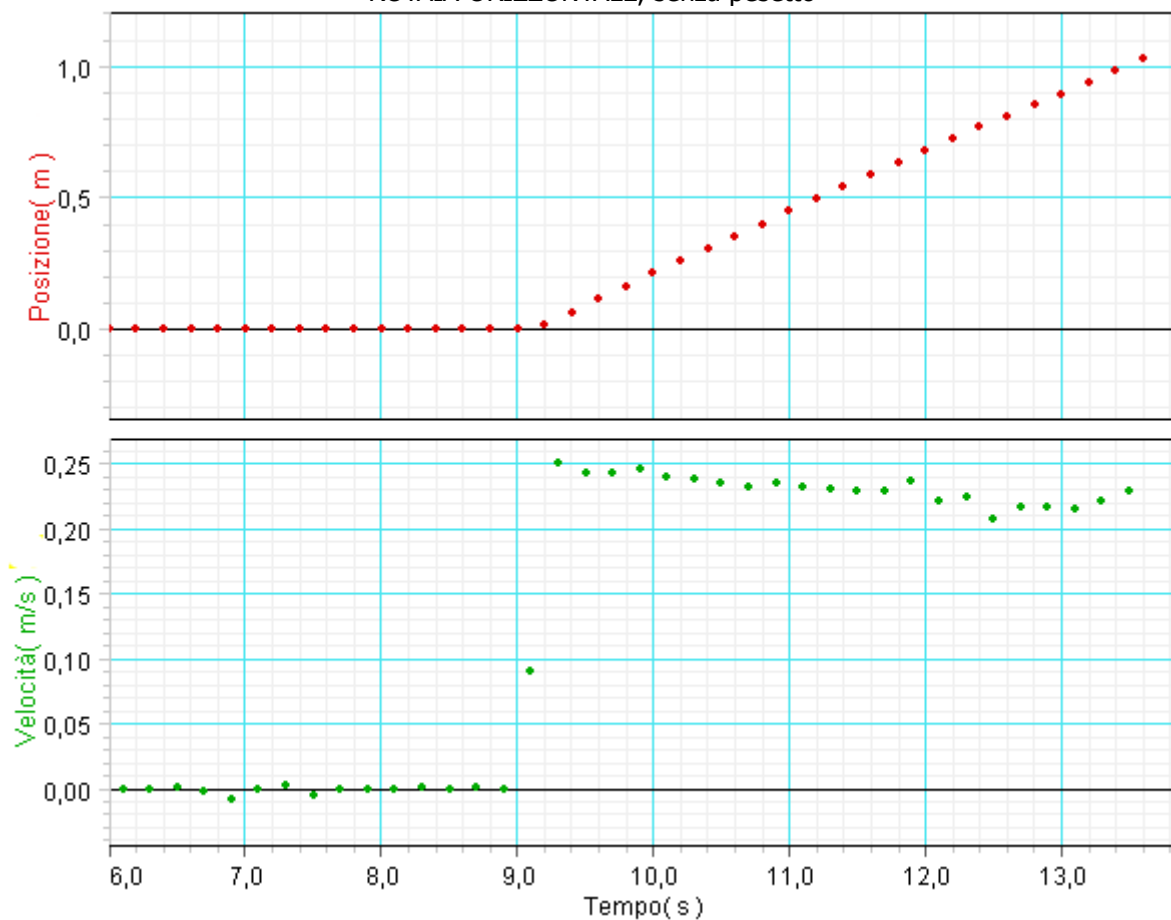
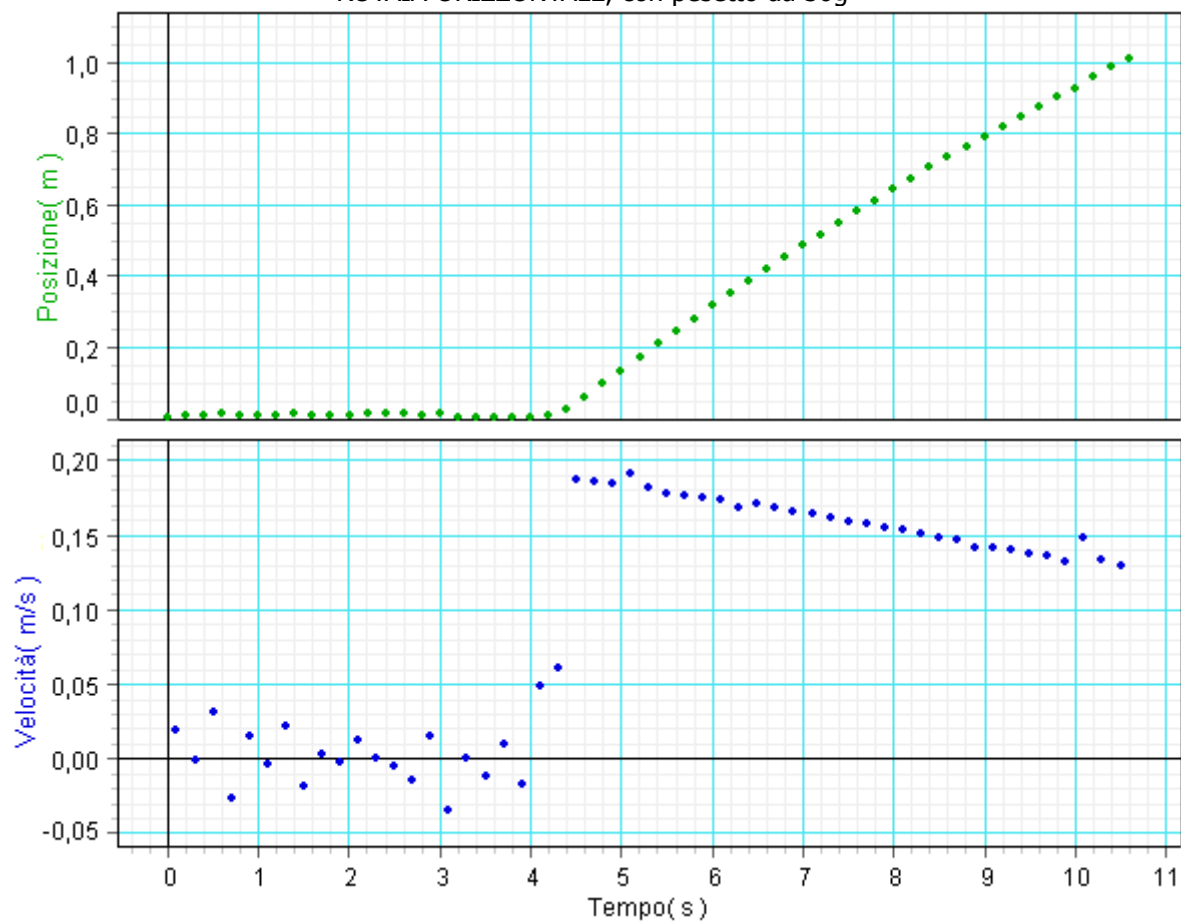


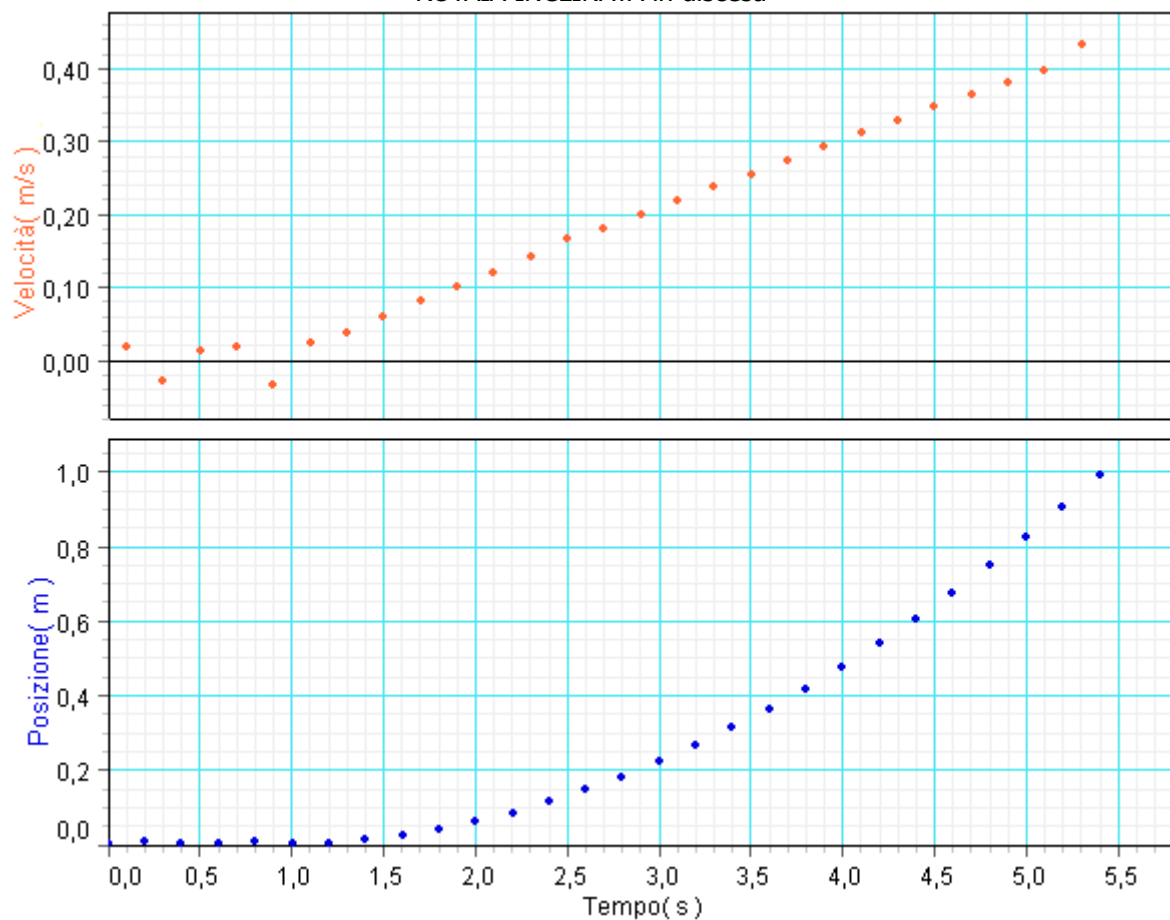
ROTAIA ORIZZONTALE, senza pesetto



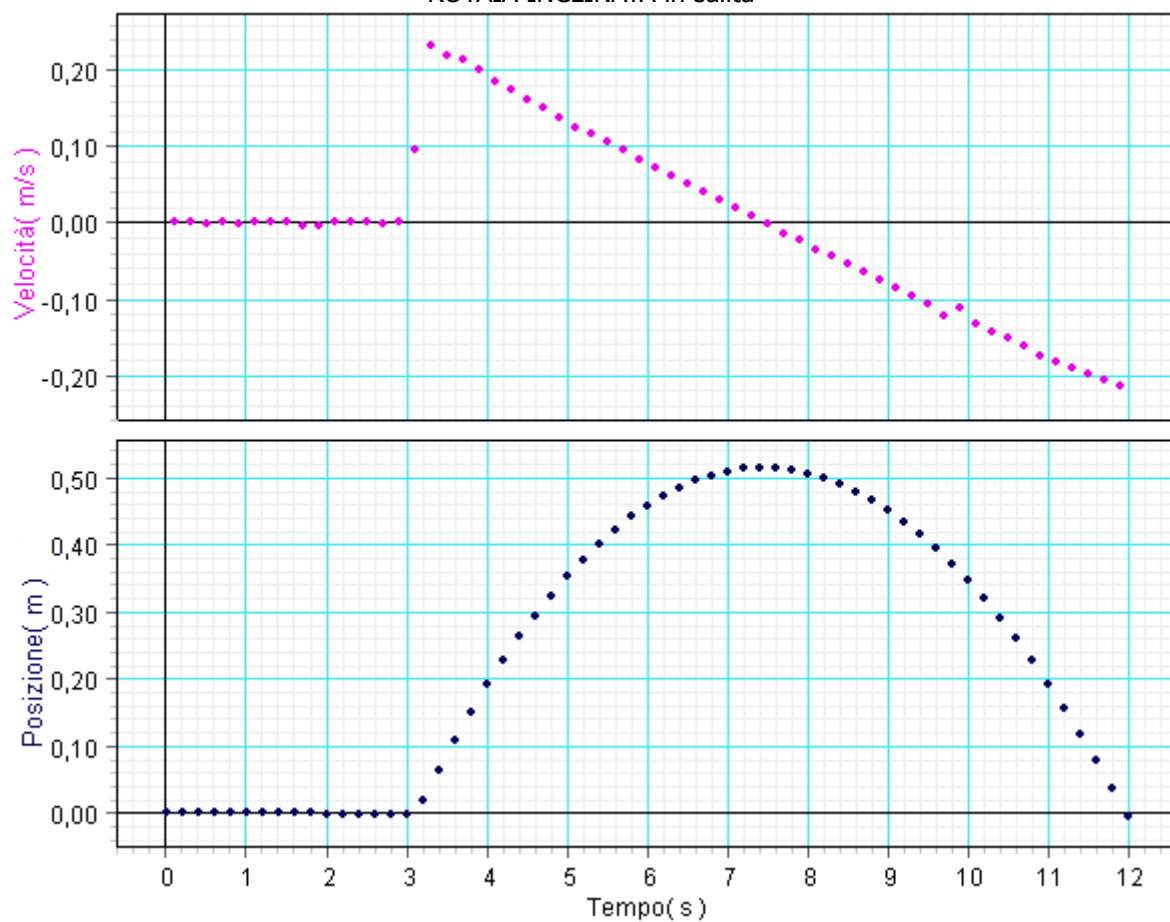
ROTAIA ORIZZONTALE, con pesetto da 50g



ROTAIA INCLINATA in discesa



ROTAIA INCLINATA in salita



## **EQUAZIONI**

ROTAIA IN DISCESA:

$$x = 0,0173 \text{ m/s} (t - 1,0\text{s}) + 0,0474 \text{ m/s}^2 (t - 1,0\text{s})^2$$

$$v = 0,0953 \text{ m/s}^2 (t - 1,0\text{s})$$

ROTAIA IN SALITA:

$$x = 0,215 \text{ m/s} (t - 3,2\text{s}) - 0,0261 \text{ m/s}^2 (t - 3,2\text{s})^2$$

$$v = 0,23 \text{ m/s} - 0,0524 \text{ m/s}^2 (t - 3,2\text{s})$$

NOTA BENE: nella relazione riportare anche le equazioni generiche per ogni tipo di moto.