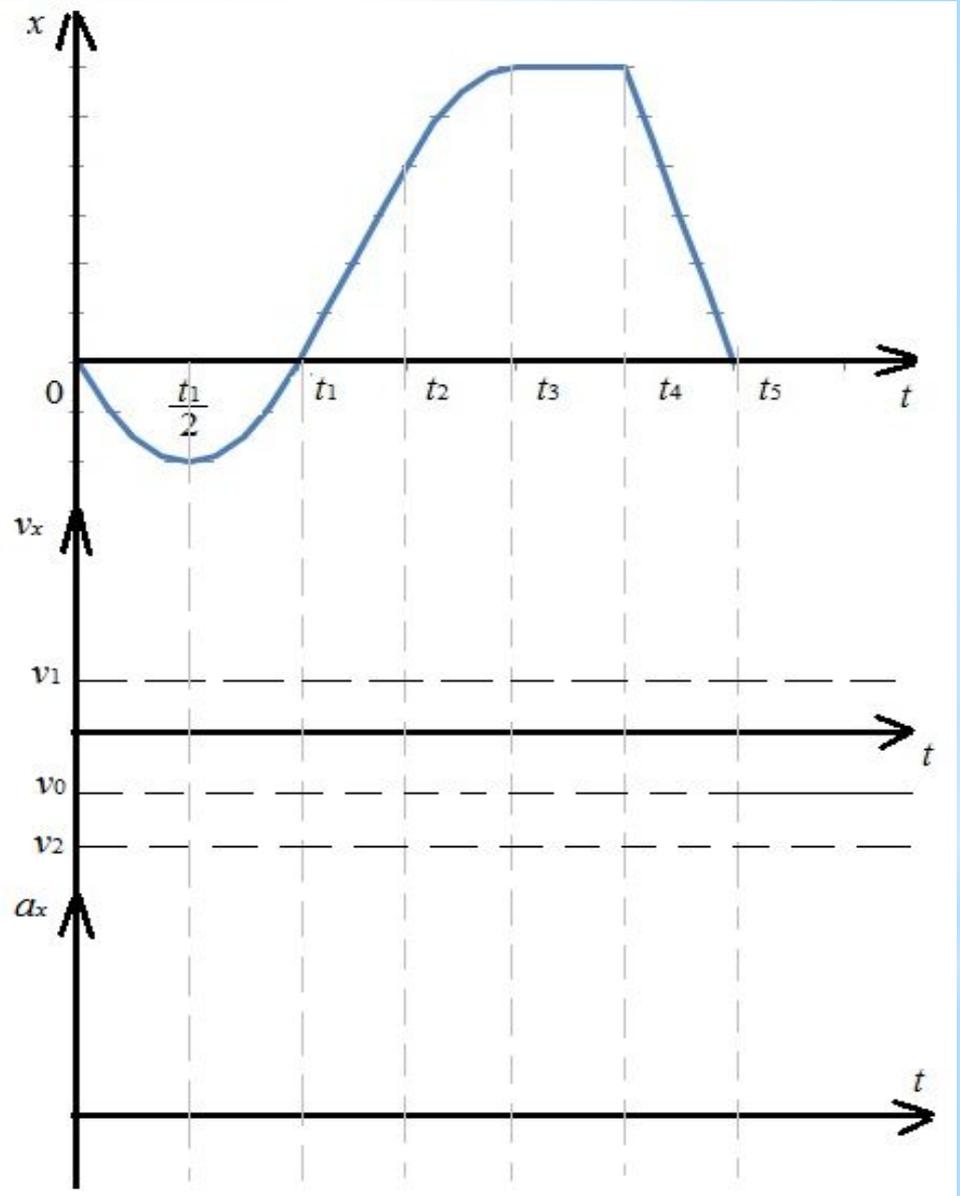
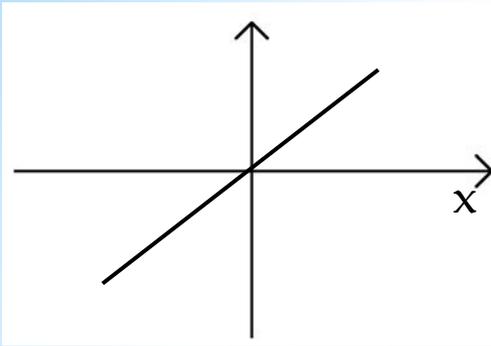


**\* Интегрированный  
урок по теме:  
«Исследование  
графика  
движения тела»**

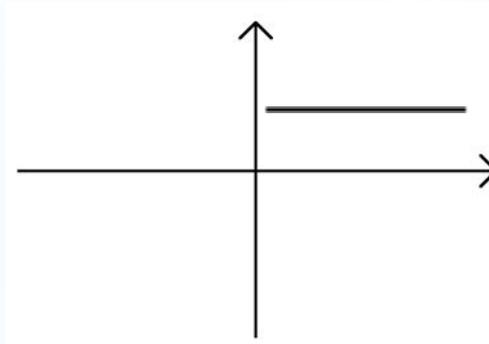
\* Построить графики зависимости скорости и ускорения от времени.





$$Y = kx$$

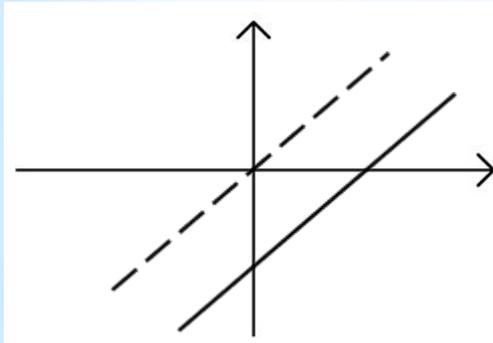
$$K > 0$$



$$Y = kx + b$$

$$K = 0$$

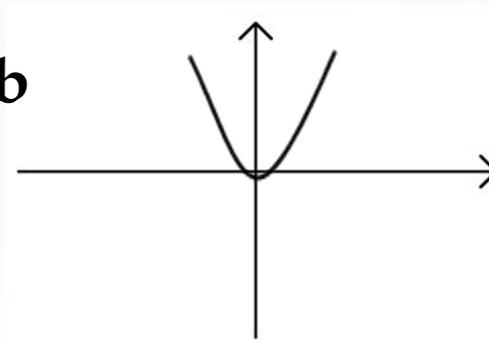
$$Y = b$$



$$Y = kx + b$$

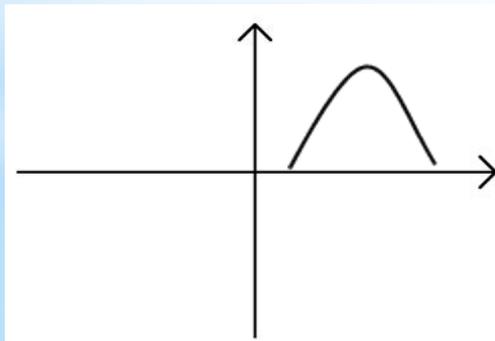
$$k > 0$$

$$Y = -b$$



$$Y = ax^2$$

$$a > 0$$

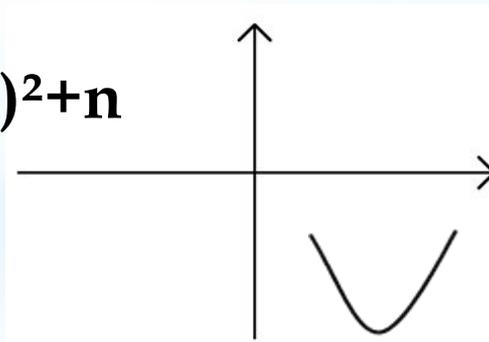


$$Y = a(x - m)^2 + n$$

$$a < 0$$

$$m > 0$$

$$n > 0$$



$$Y = a(x - m)^2 + n$$

$$a > 0$$

$$n < 0$$

$$m > 0$$

# Сопоставьте уравнения

1

$$V=at+V_0$$

$$Y=kx$$

а

2

$$V=at$$

$$Y=kx+b$$

б

3

$$x=a/2t^2+V_0t+x_0$$

$$Y=ax^2$$

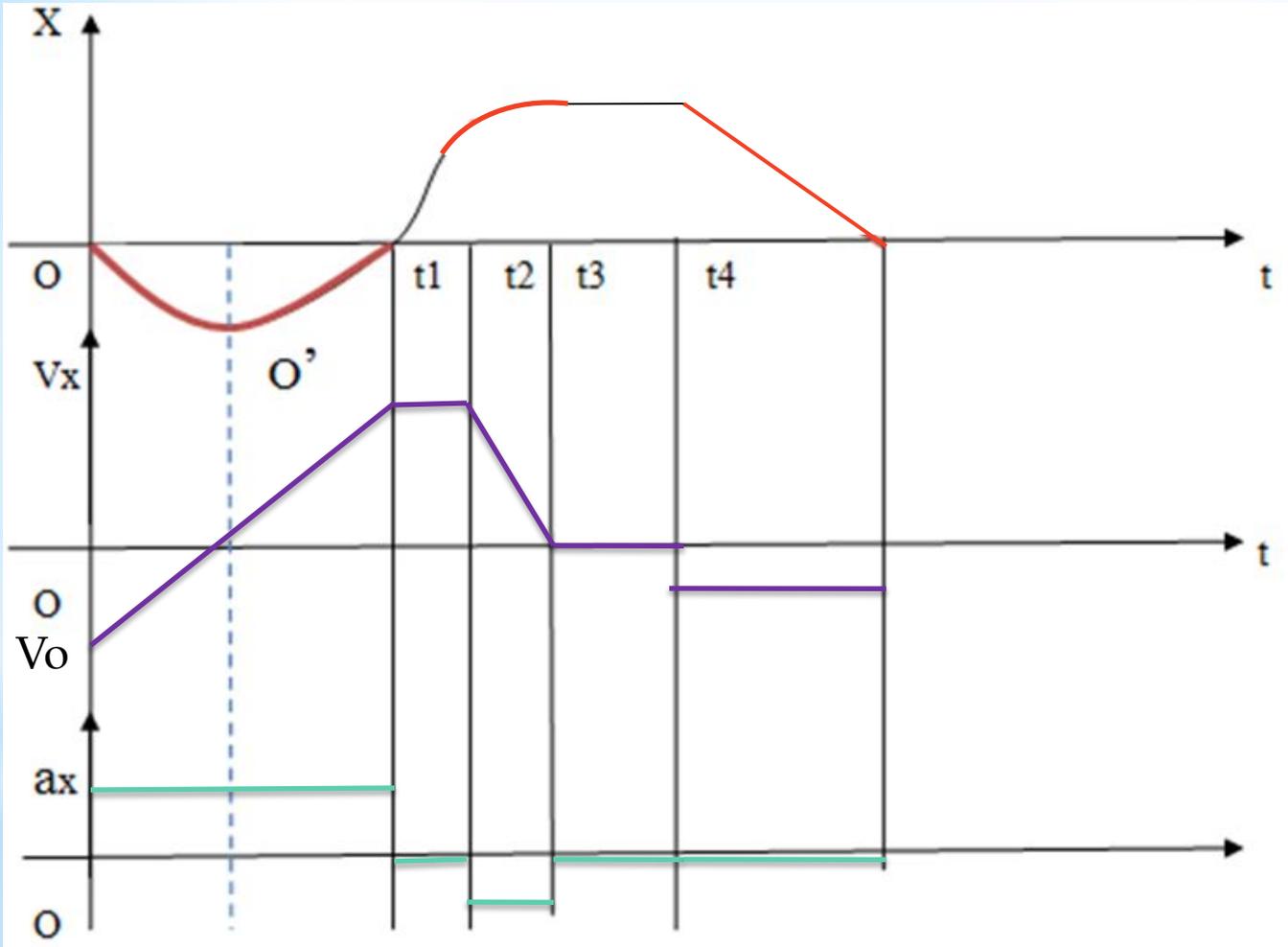
в

4

$$x=a/2t^2$$

$$Y=ax^2+bx+c$$

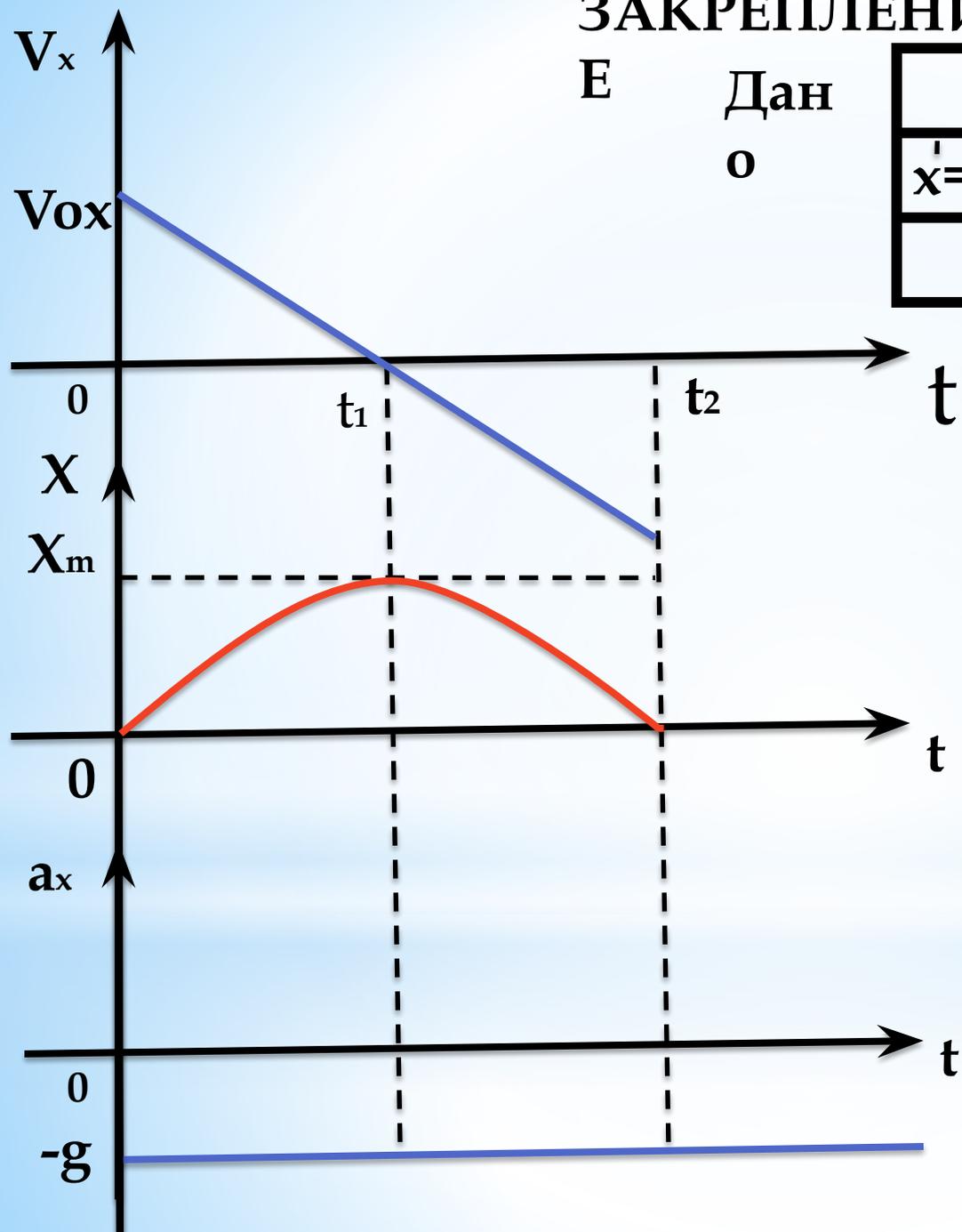
г



# ЗАКРЕПЛЕНИ

Е Дан  
0

t	(0;t <sub>1</sub> )	t <sub>1</sub>	(t <sub>1</sub> ;t <sub>2</sub> )
x' = V	+	0	-
x	↗	max	↘



Домашнее задание: по графику  
зависимости ускорения от времени  
построить графики зависимости

скорости от времени и координаты от

времени

