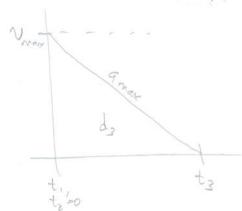
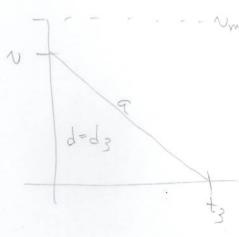
. No crisise or accel phases, only decel phase



Then,



overconstrained ul d, v, a. Pelax a.

$$v=at_3 \rightarrow a=\frac{v}{t_3}$$

$$t_1 = t_2 = 0$$

$$d_1 = dt_2 = 0$$

$$t_3 = 2d$$

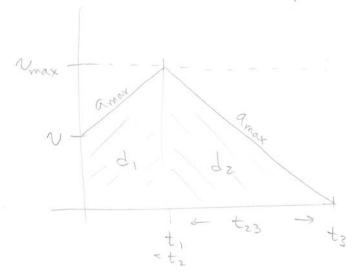
$$t_3 = 2d$$

$$t_3 = \sqrt{2}$$

$$t_3 = \sqrt{2}$$

$$t_3 = \sqrt{2}$$

No envise phase:



if d < d, + dz, no cruise phase.

$$t_{23} = t_3 - t_1 \quad (t_2 = t_1)$$

$$v_{nox} = a_{nox} t_{23}$$

$$t_{23} = v_{wox}$$

$$a_{nox}$$

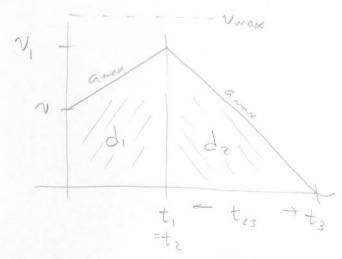
$$d_2 = \frac{1}{2} \cdot t_{23} \cdot v_{vox}$$

$$= \frac{1}{2} v_{wox}$$

$$a_{nox}$$

if d < voix - 202 no cruis phase.

Thou, redo ul vrax = v,, v, = N+array t;:



& this figure applies

-> (3)

t23 = t3 -t, (t2=t1)

V = amax tz3

tz3 = VI

d2 = { 2 0.00x

= (v +amanti) 2 Zamany

$$\frac{1}{2} = \frac{1}{2} \cdot \frac{1}$$

$$t_3 = t_1 + t_{23} = t_1 + \frac{v_1}{a_{max}} = t_1 + \frac{v_1 + a_1}{a}$$

$$dt_i = \left(\frac{2\nu + a_{max}t_i}{2}\right)t_i$$

Otherwise, we have a cruise phase:

$$d_1 = t_1 \cdot \frac{1}{2} (V + iv_{max})$$