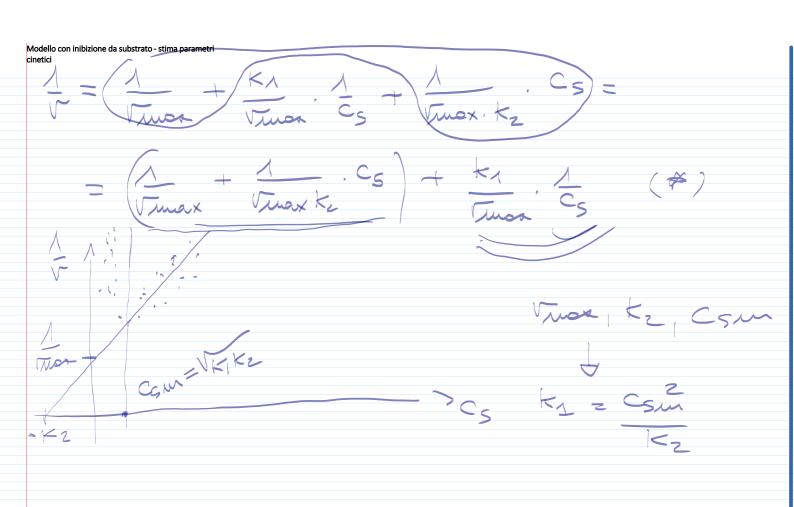


fodello con inibizione da substrato - stima parametri cinetici K1 + C5 + C5² Tmor, E, Ez 5 $C_{S}(t)$ Woolverdo Jovo Cs (t) s + Cs Kzrmax (Cs) Tuax Vinos Cs NK KU



$$= CECS \left(\frac{KCKS}{CCCS} + \frac{KS}{CS} + \Lambda \right)$$

$$= 7 \quad CECS = CEO \quad (A)$$

$$\frac{KcKS}{CCCS} + \Lambda + \frac{KS}{CS}$$

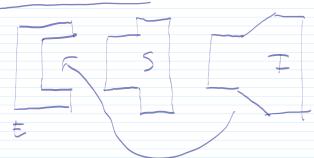
$$V = K CECS = \frac{K CEO CS}{KC KS + CS + KS} = \frac{KCEO CS}{KC KS + CS + KS} = \frac{KCEO CS}{KCC + 1} + CS$$

$$\frac{CC}{\sqrt{\sqrt{c}}} = \frac{\sqrt{c}}{\sqrt{c}} = \frac{\sqrt{c}}{\sqrt{c$$

$$\left(\frac{K_{c}K_{S}}{K_{S}+C_{S}}\right)+C_{c}$$

Cs 77 Ks

lubitione du attività entimatica

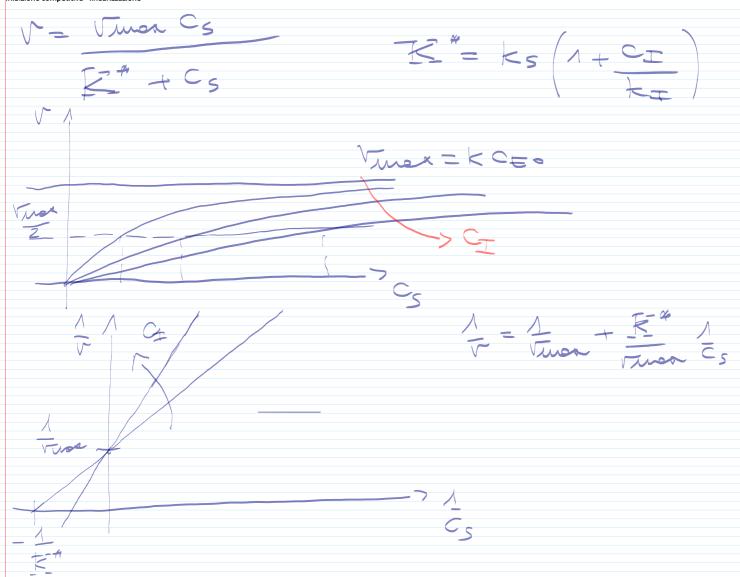


$$E + I = EI$$

$$E + S = ES$$

$$ES \longrightarrow E + P$$

$$\Gamma_2 \times CES$$



nibizione non competitiva

$$AE + S = ES$$
 $2)E + 1 = EI$
 $3)ES + I = EIS$
 $4)E1 + S = EIS$
 $5)ES - 7 P + E$

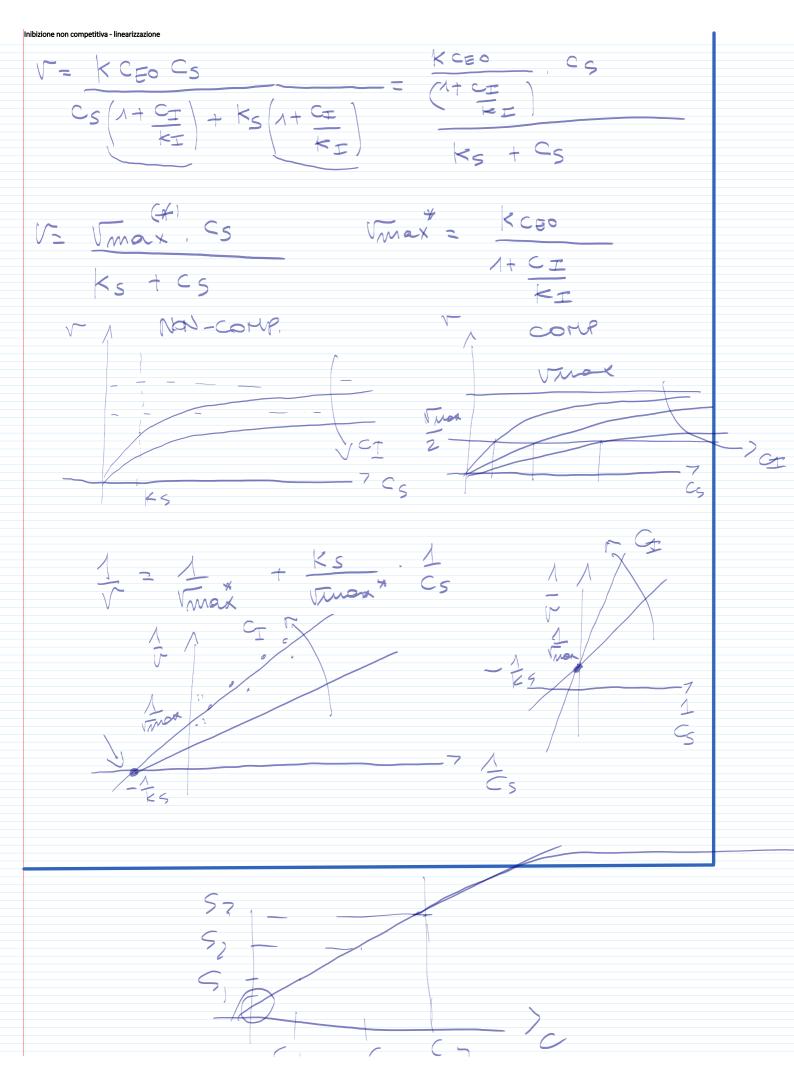
$$= C + S \left(1 + \frac{C_{\pm}}{C_{\pm}} + \frac{K_{5}}{C_{5}} + \frac{K_{5}}{K_{\pm}} \cdot \frac{C_{\pm}}{C_{5}}\right)$$

$$V_{\underline{-}} \times CES = \underbrace{KCEO CS}$$

$$= \underbrace{KCEO . CS}$$

$$(CS + Ct CS) + KS + \underbrace{KS} . Ct CS (1 + \underbrace{Ct} + KS (1 + \underbrace{Ct} + KS))$$

$$KET$$





Catalisi enzimatica - effetto pH

E1146 PH

$$= \underbrace{\left(\begin{array}{c} h^{+} \\ \hline k_{1} \end{array}\right)} + \underbrace{\left(\begin{array}{c} h^{+} \\ \hline k_{2} \end{array}\right)}$$

1 +1 + 1 +

(R+)2++++ +z

eo 2 ht htrekz

lim 1 2 0

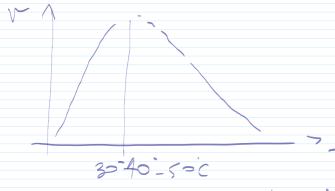
M(5) = Mmore S K+5+52/Kz

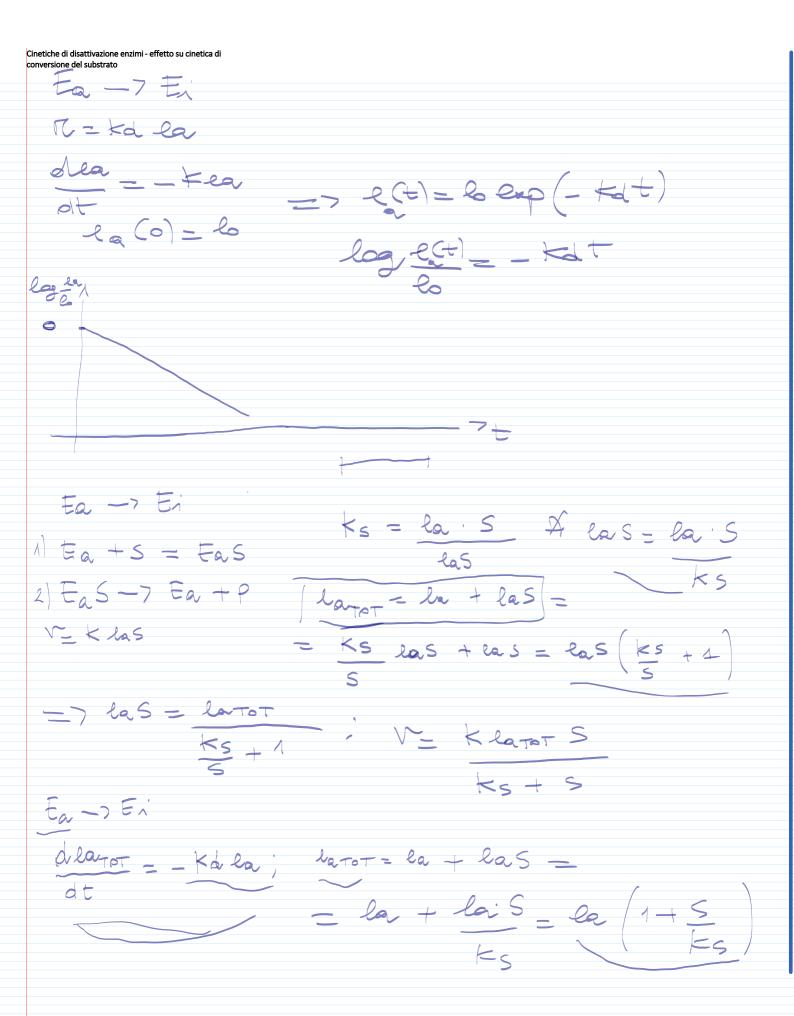
PH = - ROSIO VEIKE

Catalisi enzimatica - effetto temperatura

$$k = A exp\left(-\frac{E}{z+}\right)$$

$$= \log A - \frac{1}{2} = \log A - \left(\frac{1}{2}\right) \cdot \frac{1}{4}$$





la = latot

1+ 5

Ks

dlatot = kdlatot

1+ 5/ks

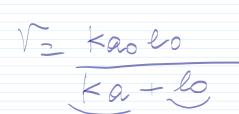
$$ka = \frac{l \cdot a}{la}$$
 (*)

$$a_0 = a + ea = \frac{ka \cdot ea}{e} + ea =$$

$$=$$
 la $\left(\frac{ka}{e} + 1\right)$

$$la = \frac{\alpha_0}{\frac{\kappa a}{e} + 1}$$

$$lo = l + ea$$
 $lo \leq l$





locka rrkaolo lotika rrkao