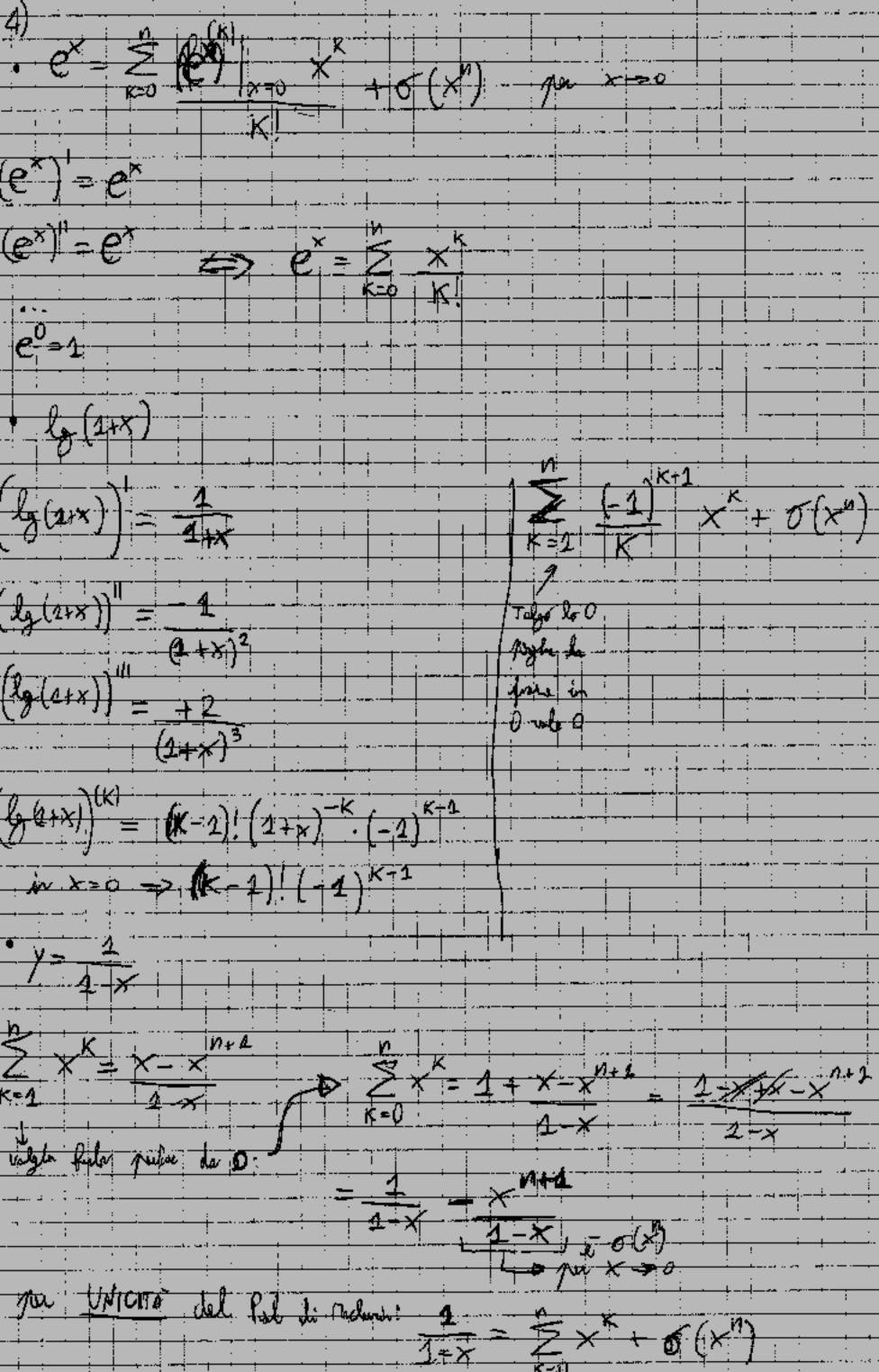
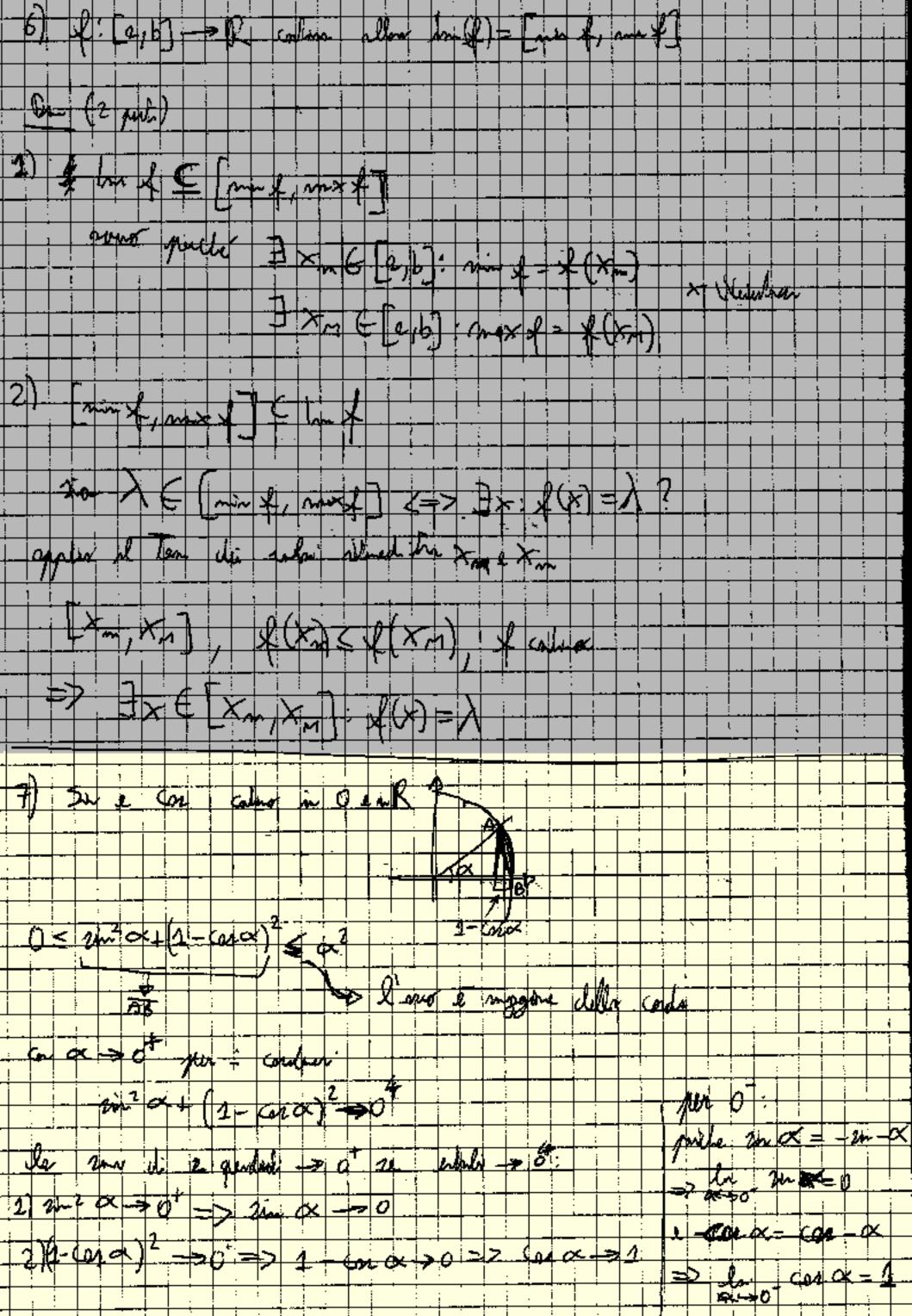


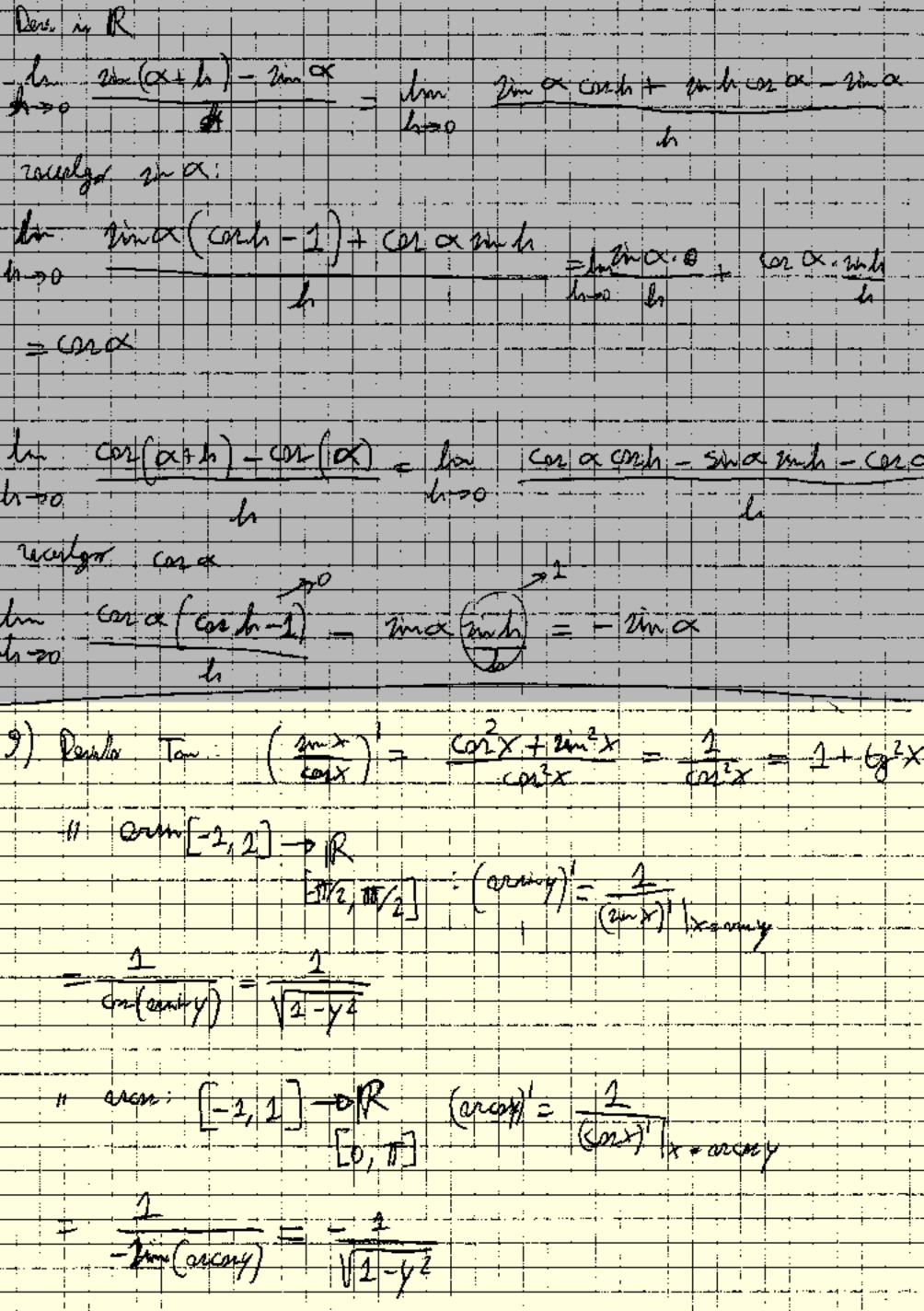
3)
$$f(x) = f_n(x) + G(x^n)$$
 $f_n(x) = G(x)$
 $f_n(x) = f_n(x) + G(x^n)$ $f_n(x) = G(x)$
 $f_n(x) = f_n(x) + G(x^n)$
 $f_n(x) = f_n(x)$
 $f_$

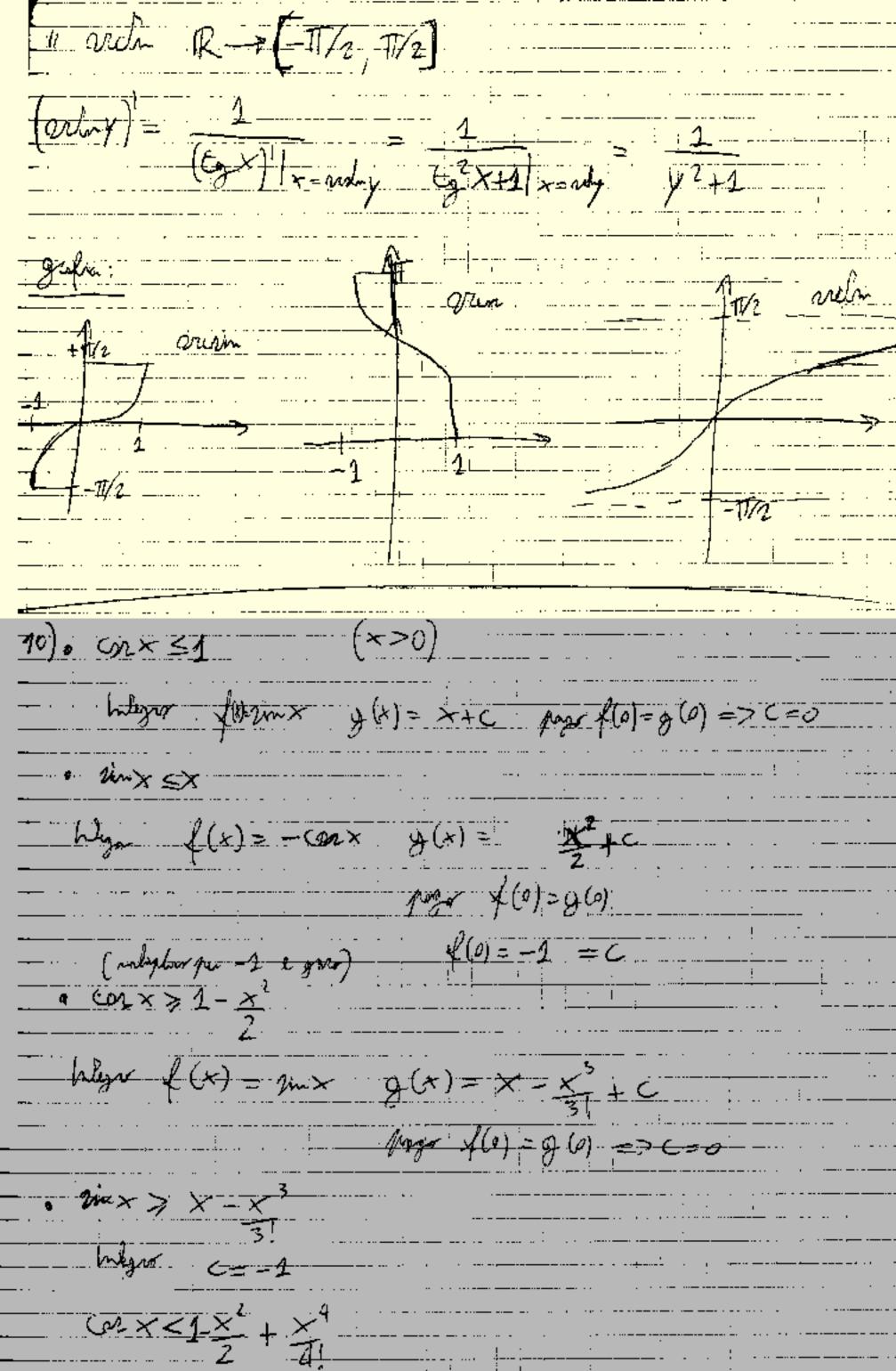


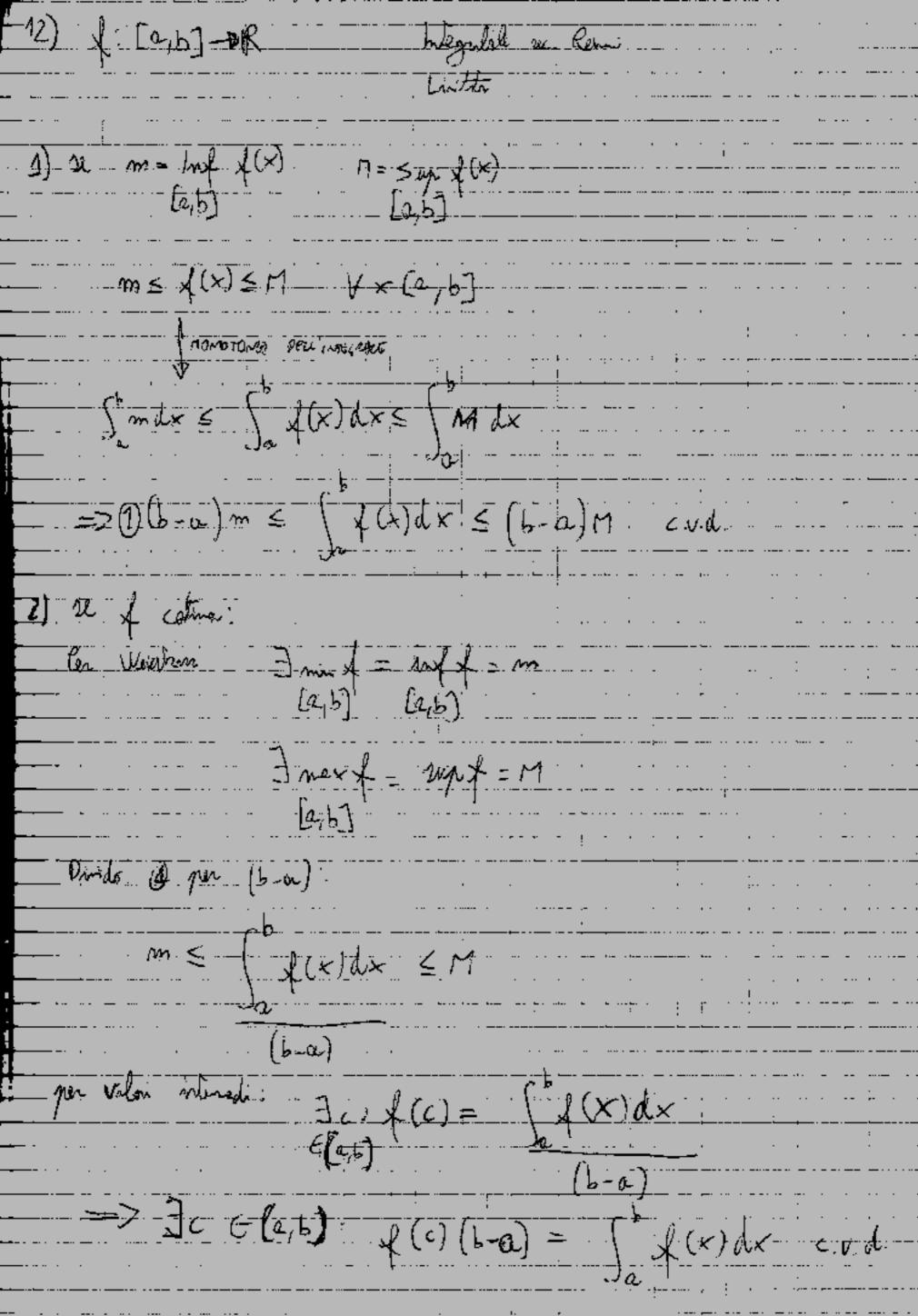
5) Flore Approx $\{\chi(x) < T(x)\}$ $\chi(x) > T(x)$, $\chi(x) > T(x)$ $\begin{cases} \chi(x) > T(x) & x > x_0 \\ \chi(x) < T(x) & x < x_0 \end{cases}$ $f(x) = f(x_0) + f(x_0)(x - x_0) + f'(x_0)(x - x_0)^2 + \dots + f^{(n)}(x_0)(x - x_0)^{\frac{1}{2}}$ $+ G((\times - \times_0)^{\nu})$ $\sum_{i=1}^{n} \sqrt{(x_i)} \left(x_i - x_i \right)^2 + \dots$ $\frac{2}{2} \left(\frac{1}{2} \left(\frac{1}{2} \right) \right) \neq 0 \quad \text{e} \quad \left(\frac{1}{2} \left(\frac{1}{2} \right) \right) = \left(\frac{1}{2} \left(\frac{1}{2} \right) \right) = \left(\frac{1}{2} \left(\frac{1}{2} \right) \right) = 0$ Ke tiper de feller + O(x-x0)11-K [divloter lists] $\frac{1}{(x-x_0)^K} = \chi^{(k)}(x_0) \pm ...$ $\frac{\sum_{y=1}^{n} \frac{\psi(x) - \overline{\chi}(x)}{(x - x_0)^n} = \sum_{y=1}^{n} \psi(x)$ 24-Ka dyn Kombin signa zi x e a dar o ex de xo parda de flor in K por & regul ligned quide porte c Kpu u f (xo) =0 In morned of mound haste (date the un pro even fler)

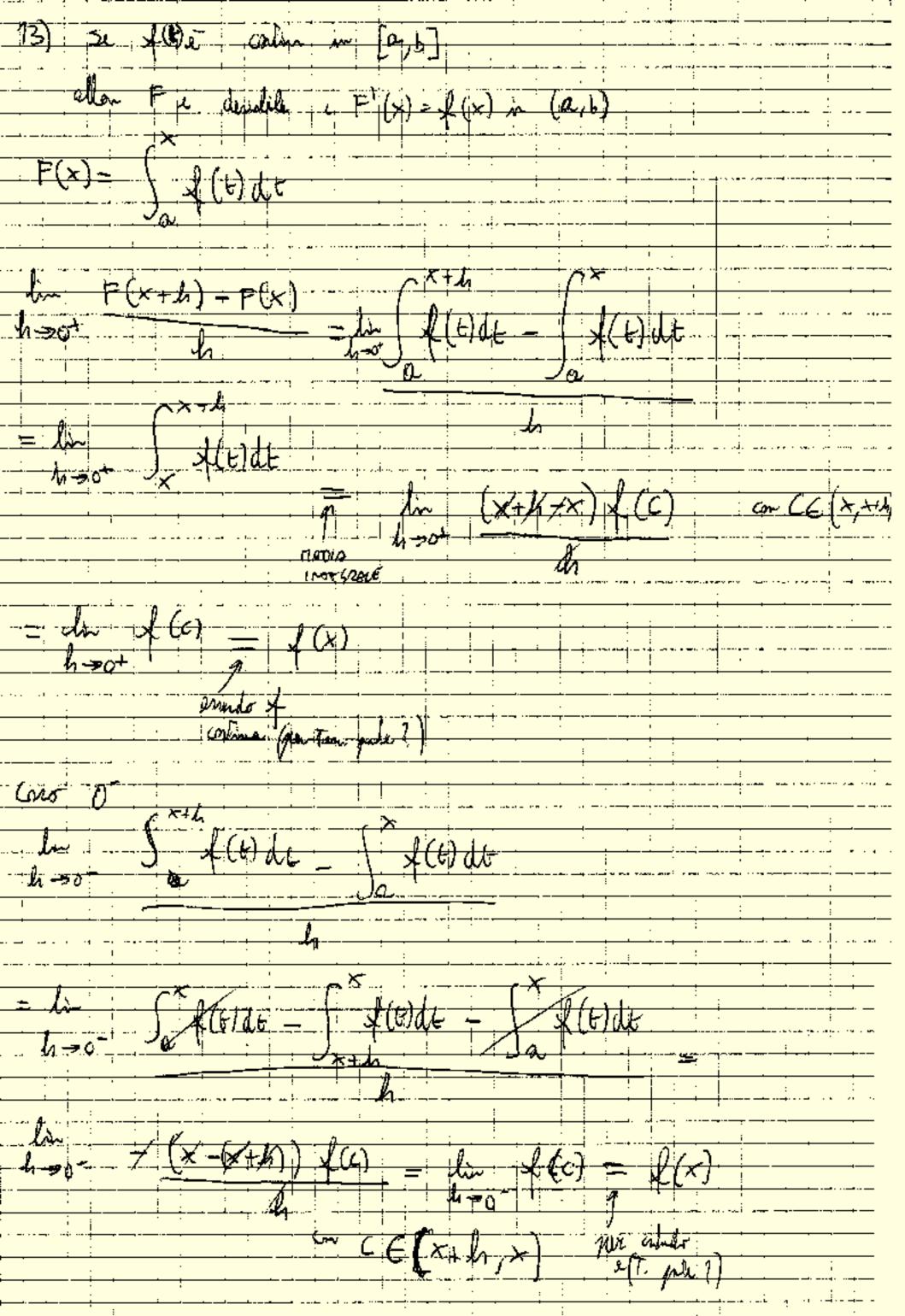


· de trobe du la subra contra 1 2 - 0 = 0 $\frac{1}{\alpha}$ $\alpha = 1$ Controlle in PR - lin 2m (x+h)= unce con h + cor of unh = unce $\frac{1}{h} \cos \left(\alpha + h\right) = \cos \alpha \cot h - 2m\alpha \sinh = \cos \alpha$ 8) desolibre en ecose in 0 , R -co 0600 07/2. 0 5 masas Tga _ thirty per con a CAL NO 0: 2-010 0-0 6 € 1 € € € <u>1</u> 00 € $\lim_{x\to 0} 1 - \left(0\right)^{2} \left(\frac{x}{z}\right) - 2m^{2} \left(\frac{x}{z}\right)$ 1 < 2ma < 1 la 2 san (x)









4) Bears
$$f(a_{1}) \rightarrow f(a_{2})$$
 solve

$$F(x) = f(x)$$

$$(P'(x) = f(x))$$

$$A(x) = \int_{a} f(x)dx$$

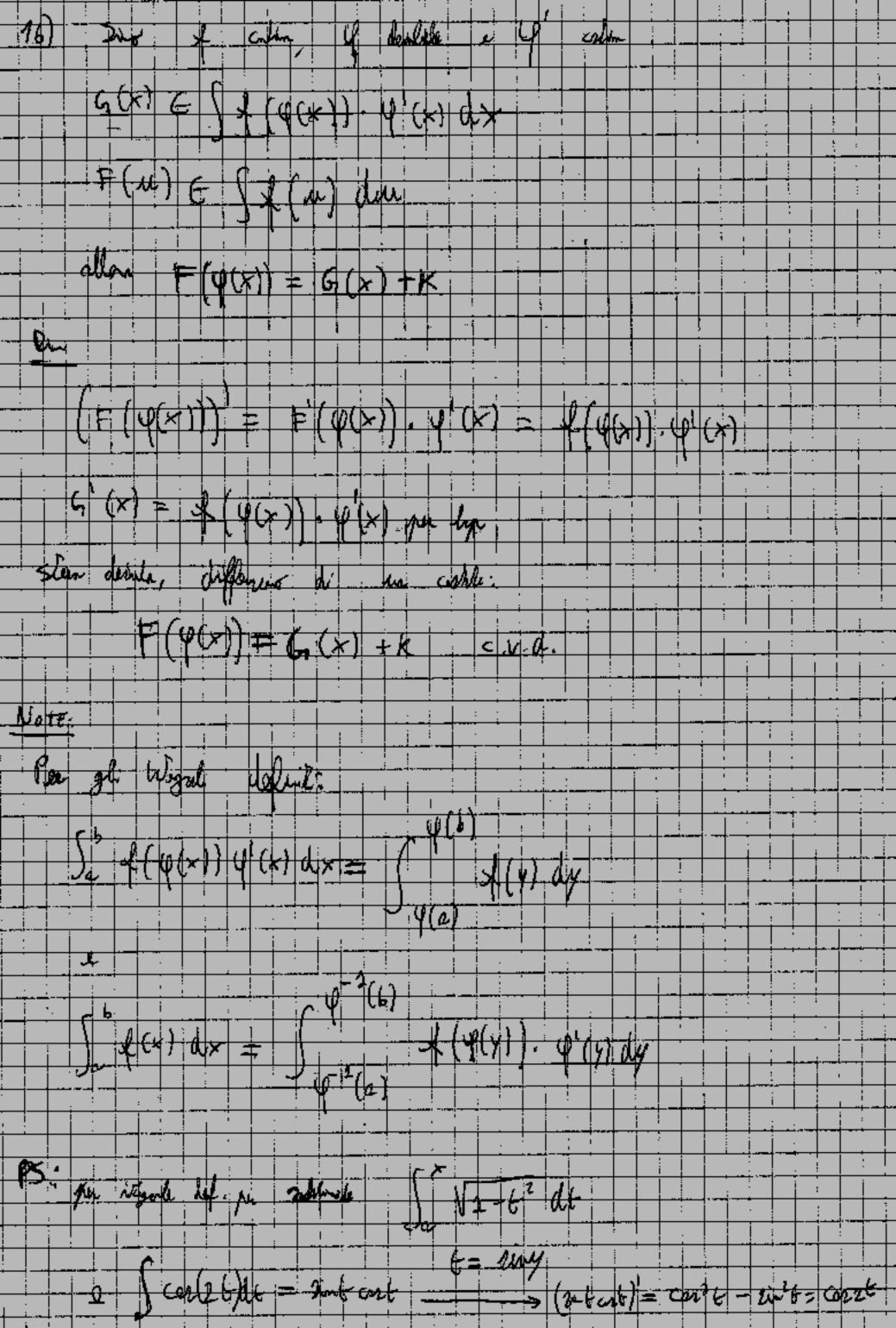
$$A(x) = \int_{a} f(x)dx$$

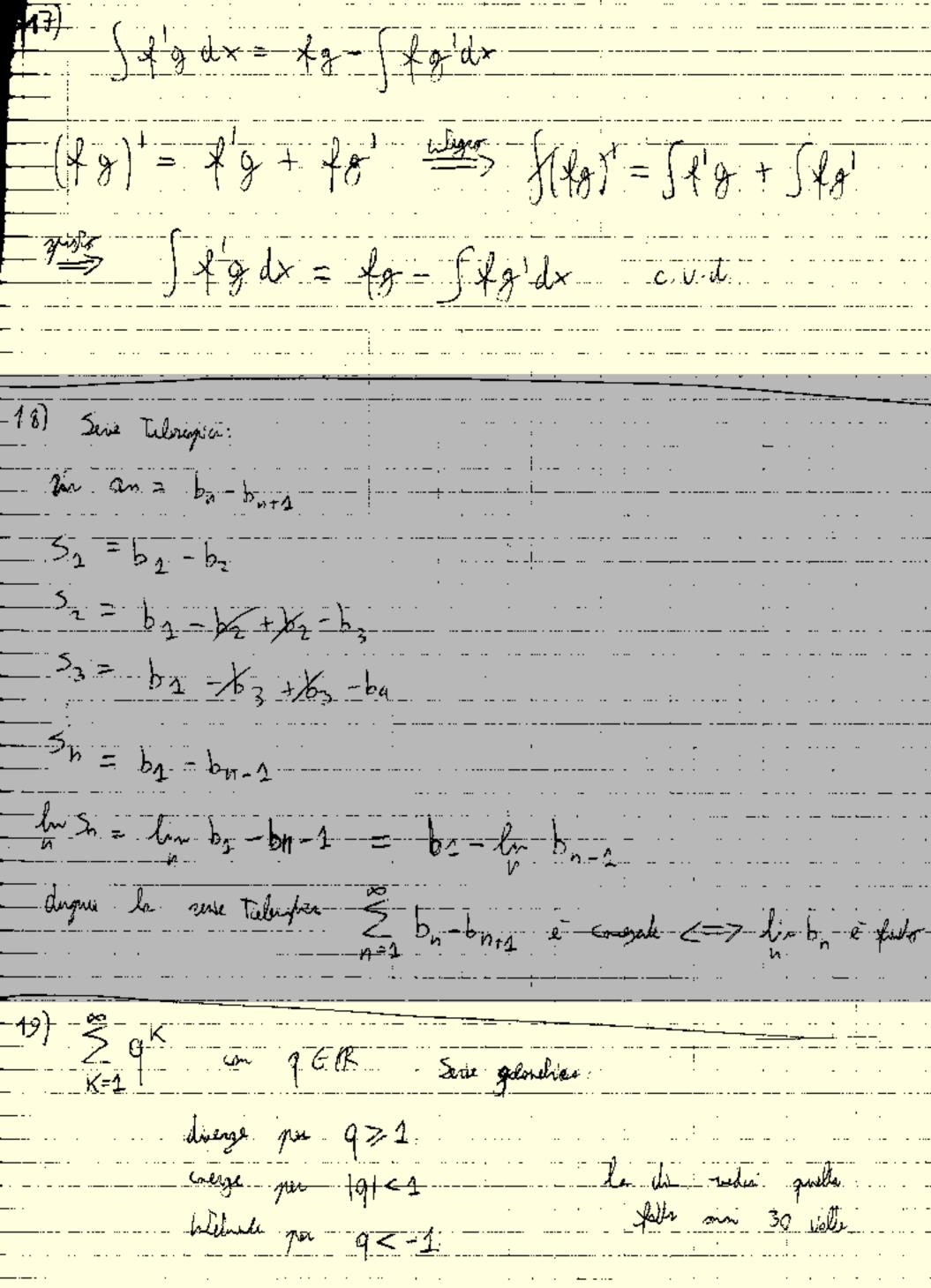
$$A(x) = \int_{a} f(x)dx$$

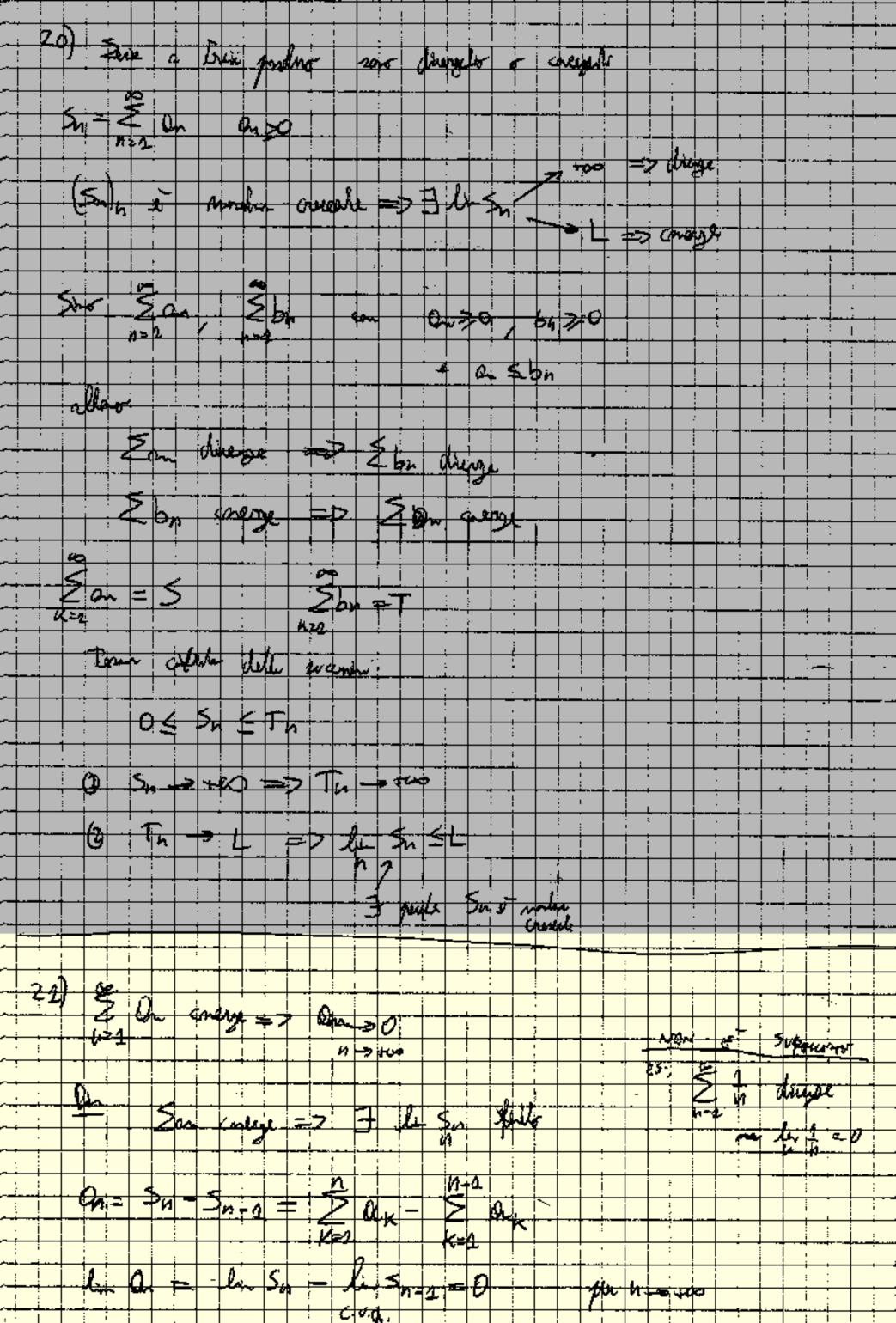
$$A(x) = F(x) + K$$

$$G = F(a) + K$$

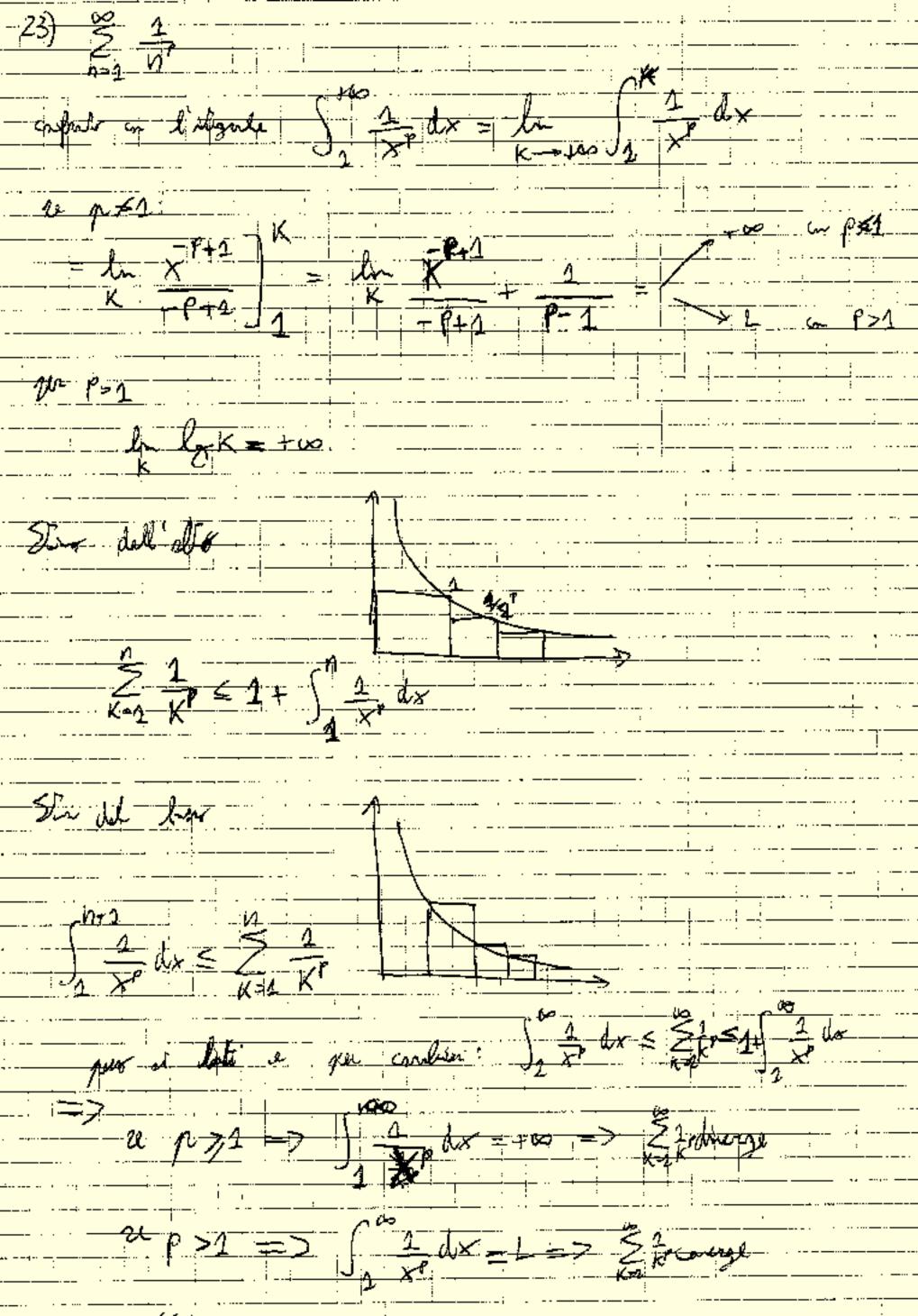
$$G$$



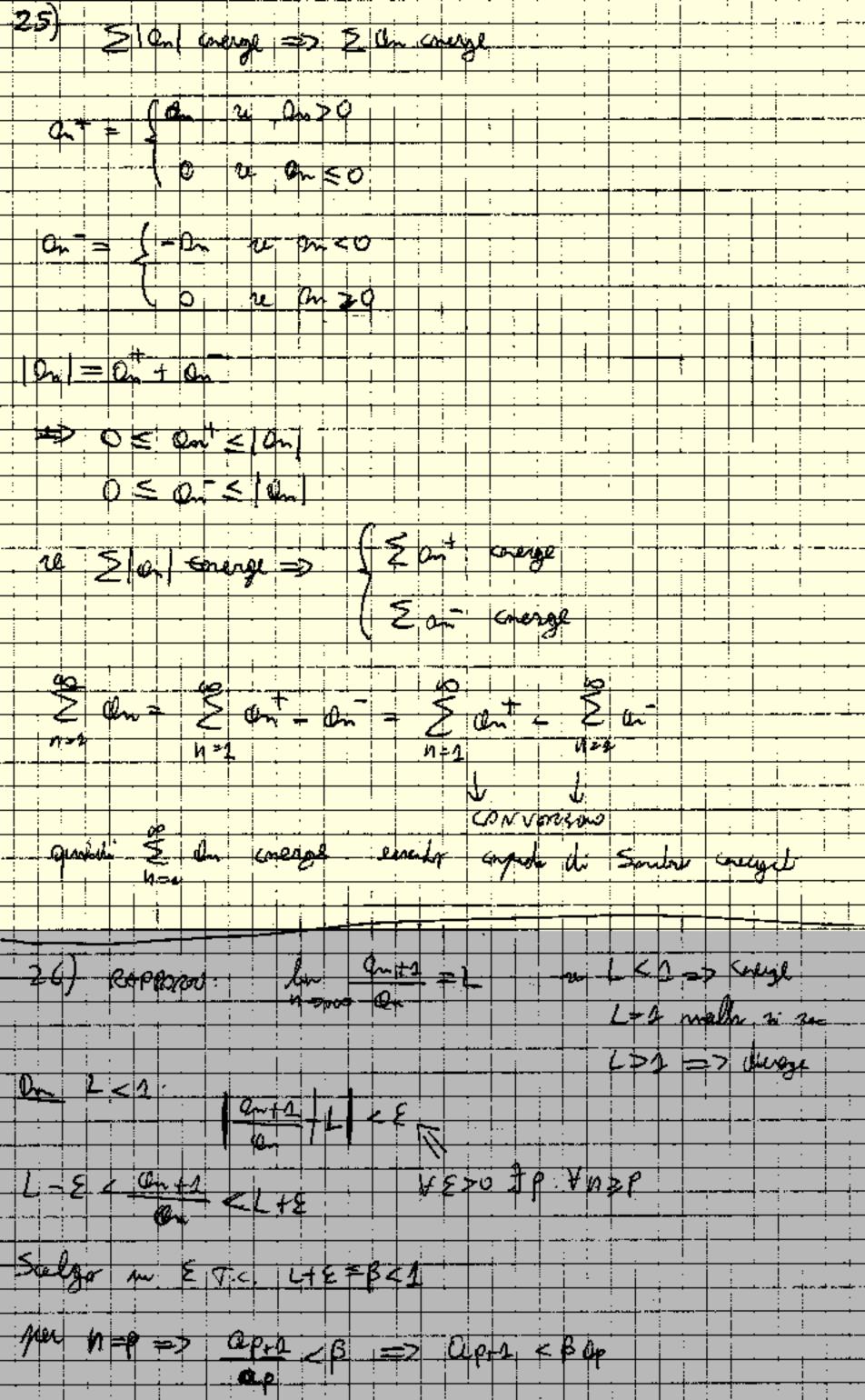




22) - Coder cont andrices	
Ž an Ž bn 0.20 by >0	
in by =1 allen har lo steer western	
₩ E>O F Vio Un > No 21 Lu	
$\frac{1-\xi \leq Q_{m} \leq 1+\xi}{b_{m}} \leq 1+\xi$	
$= (9-\varepsilon)b_n \leq 0n \leq (1+\varepsilon)b_n$	
De che se la code course contre la rece e se	
dieige deuge mile In come (I the pun Alla coda conor in morar faulo). - in morar faulo). - Sin = Sex 4 Sex 4 Sex 1 - Com. - Com. - Sluno continu	
2 Com. Karlin	
$\frac{C_n \leq b_n = 70}{2} \text{on druge} \text{on } \leq (0+\epsilon) b_n \Rightarrow b_n \text{druge}$ $= (1-\epsilon)b_n \leq (n-\epsilon)b_n \leq (n-\epsilon)b_n \text{orange}$	
-bn ≤an => 3 bn diverge: (1-E)bn ≤an => an diege	
_ (1+ε) b= => con converge . (2+ε) b= => con converge	
- · · · · · · · · · · · · · · · · · · ·	



| Light |
$$\frac{1}{2} = \frac{1}{2} = \frac{1}$$



The N=P+1 =>
$$\frac{\alpha_{f12}}{\alpha_{f11}} < \beta => \frac{\alpha_{f12} < \beta_{af12}}{\alpha_{f11}} => \frac{\alpha_{f12} < \beta_{af2}}{\alpha_{f12}}$$

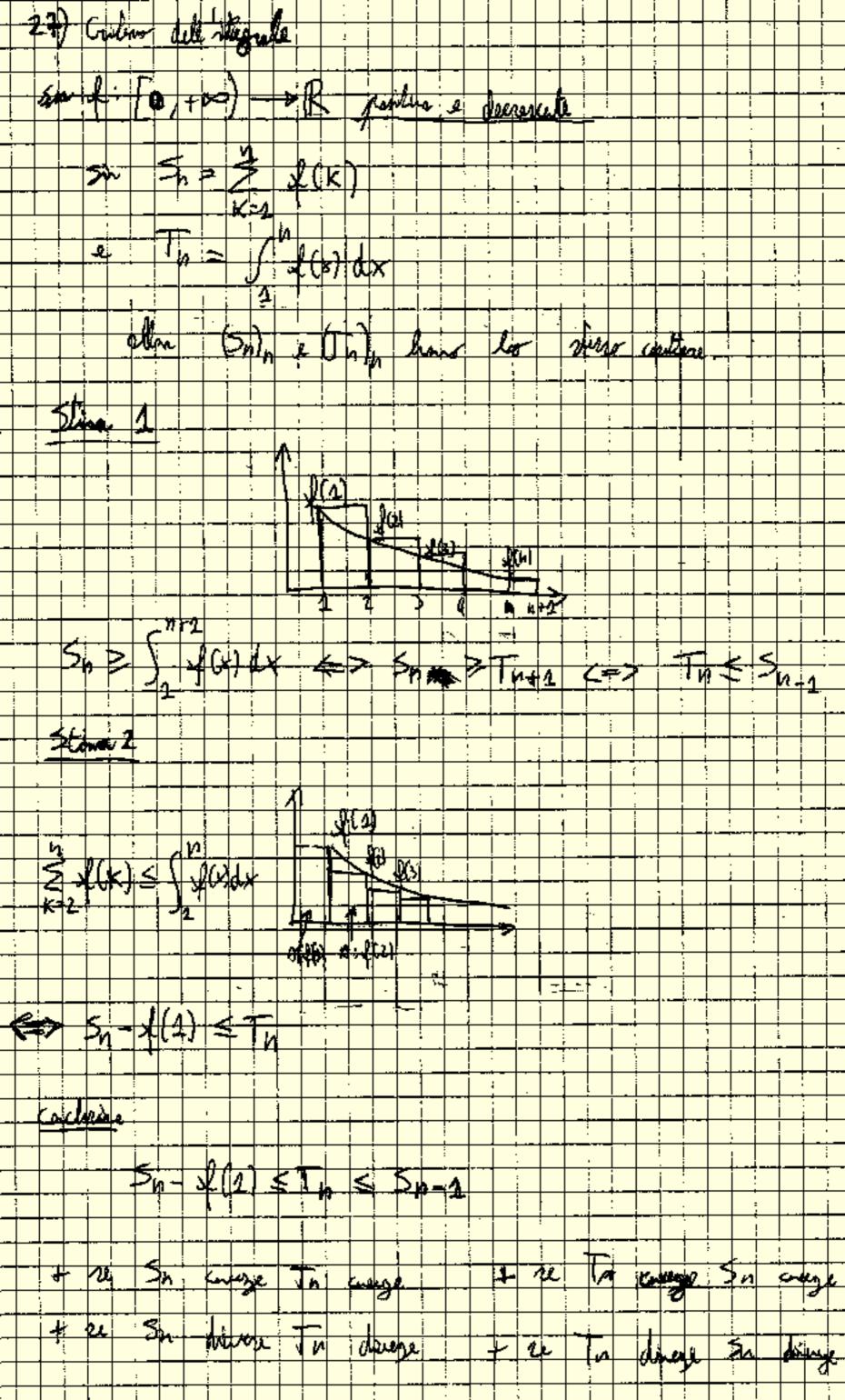
The N=P+K => $\frac{\alpha_{f+K+1}}{\alpha_{f+K}} < \beta => \alpha_{f+K+2} < \beta_{af2}$

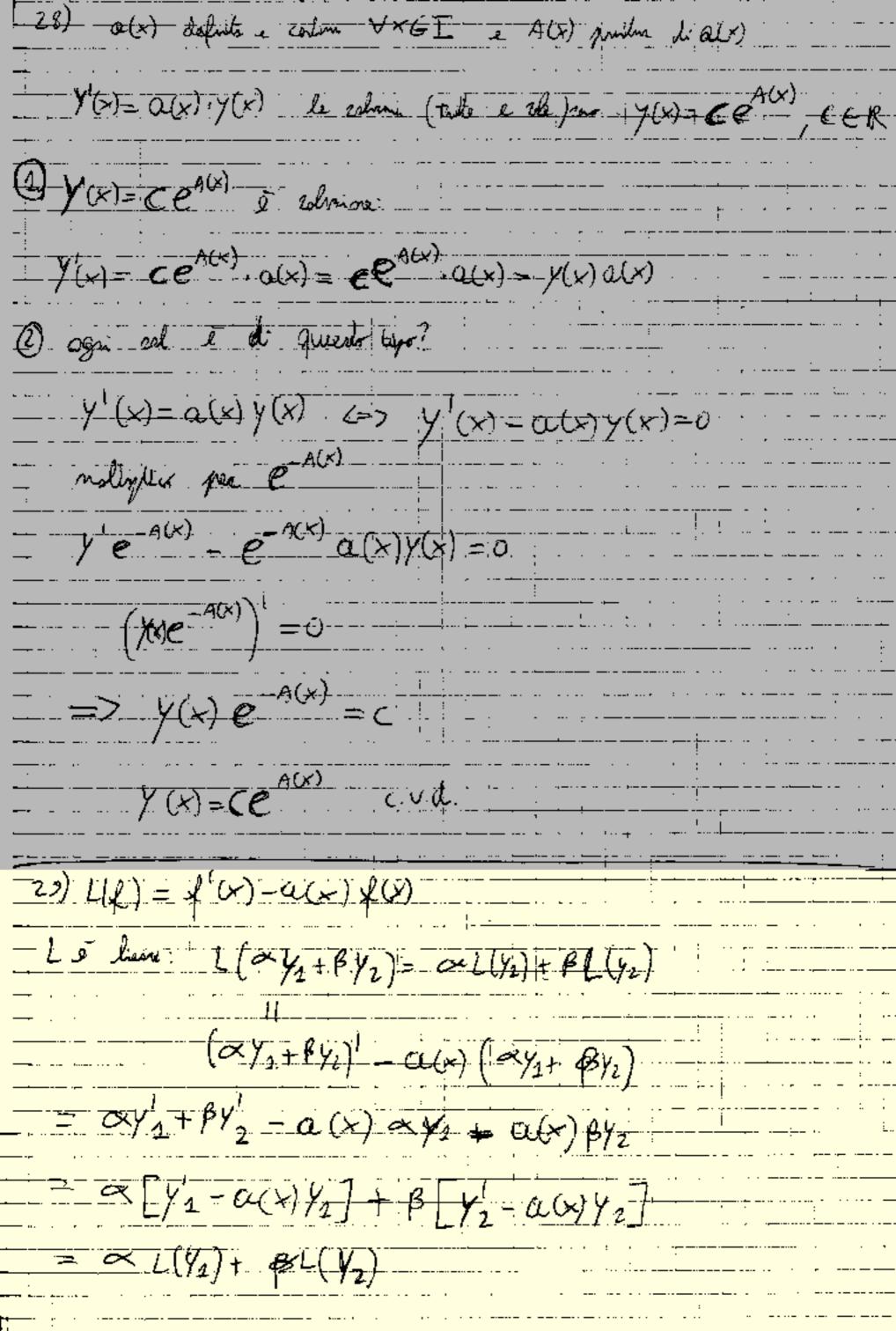
The n=P+K => $\frac{\alpha_{f+K+1}}{\alpha_{f+K}} < \beta => \alpha_{f+K+2} < \beta_{af2}$

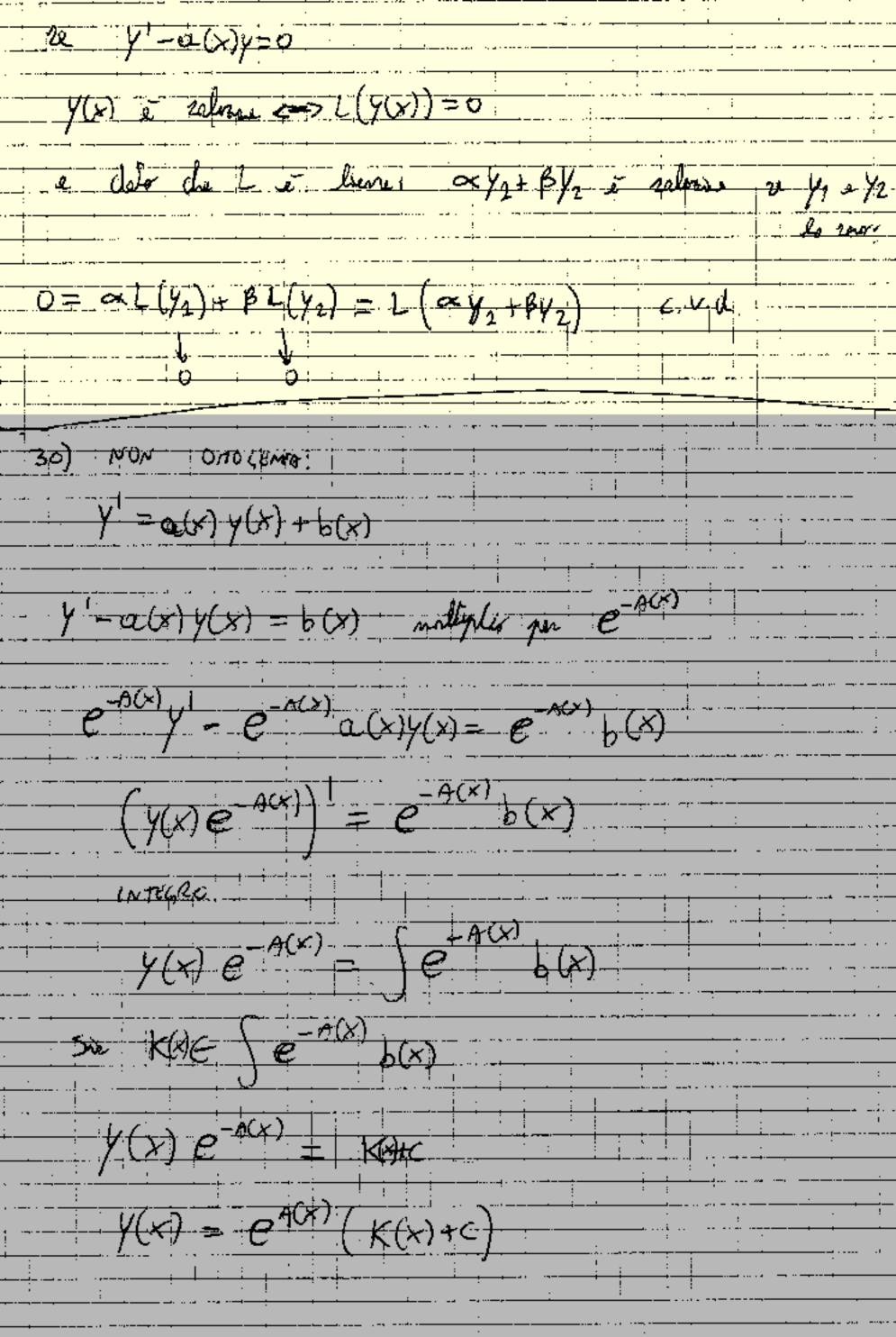
The n=P+K => $\frac{\alpha_{f+K+1}}{\alpha_{f+K}} < \beta => \alpha_{f+K+2} < \beta_{af2}$

The n=P+K => $\frac{\alpha_{f+K+1}}{\alpha_{f+K+2}} < \beta_{af2}$

The n=P+K => $\frac{\alpha_{f+K+1}}{\alpha_{f+K+1}} < \frac{\alpha_{f+K+1}}{\alpha_{f+K+1}} <$







- Che to 2 almer the one in the y(x) = e A(x) (K(x)+c) & alme $y' = e^{A(x)} \cdot a(x) \left(k(x) + c \right) + e^{A(x)} \cdot e^{A(x)} b(x)$ $= e^{A(x)} a(x) (K(x) + b(x) + b(x) + c + d + (K(x))$ VAL .- SEPARATH 2 Johns - h, (x) = a(x) & (h(x)) a.I. VR who g IR - JR colus 1 Solven - court $\lambda_i(x) = 0 \quad \forall x \in I = > 0 = \sigma(x) \cdot \delta(x)$ 2 (x) ≠0 y(x)=yo = 20l ∠=> g(y.)=0 10 man cept ne y(x) x yo] in lendr n in g(y(x)) x o dudo per g(y(x)): $\frac{Y'(x)}{2^{(y(x))}} = \omega(x)$ $\int \frac{dz}{9^{(z)}} = \int a(x) dx$ - تعروشا calondo della. y'antx=dz =A(x)+C & rolling

A VAL. SEP con a I the from Lx - I almo un relience re a com in I e g. Colum - 3 - to Unica - satisfien se meltre g E (D) (PC) (Y=a(x) y(x)+ b(x)-\(\forall \(\forall \) = \(\forall \) re a e b zono costre Vallar la solvane e Dato W & a prison entirele 10 rede 12-line $\sqrt[4]{W} = \left\{ \frac{1}{2}, \frac{1}{2}, \frac{1}{2} \right\}$ W= 7 (a 0+1 sin 0) cona + i ma) = [(con (na) + 1 sin (na) = W Na=Q+ZKIT VKE

