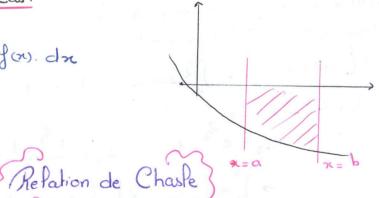
2) Calcul d'aire:

$$A = \int_{\alpha}^{b} |f(\alpha)| d\alpha = \int_{\alpha}^{b} f(\alpha) d\alpha$$



3 eme Cas:

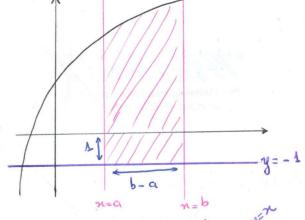
$$A = \int_{\alpha}^{b} |f(n)| dn = -\int_{\alpha}^{c} f(n) dn +$$

$$\int_{c}^{b} f(n) dn$$

4 eme Cas

$$A = \int_{a}^{b} |f(n)+1| dn$$

$$= -(b-a) \times 1 + \int_{a}^{b} f(n) dn$$
rectangle.

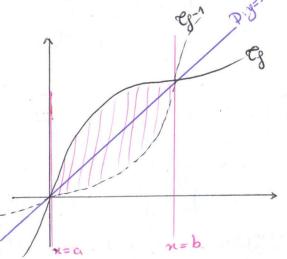


5 eme Cas:

$$A = \int_{a}^{b} |S(n) - S(n)| dn$$

$$= 2 \int_{a}^{b} |S(n) - n| dn$$

$$= 2 \int_{a}^{b} |S(n) - n| dn$$



B.M Take Eddine 23.390.248