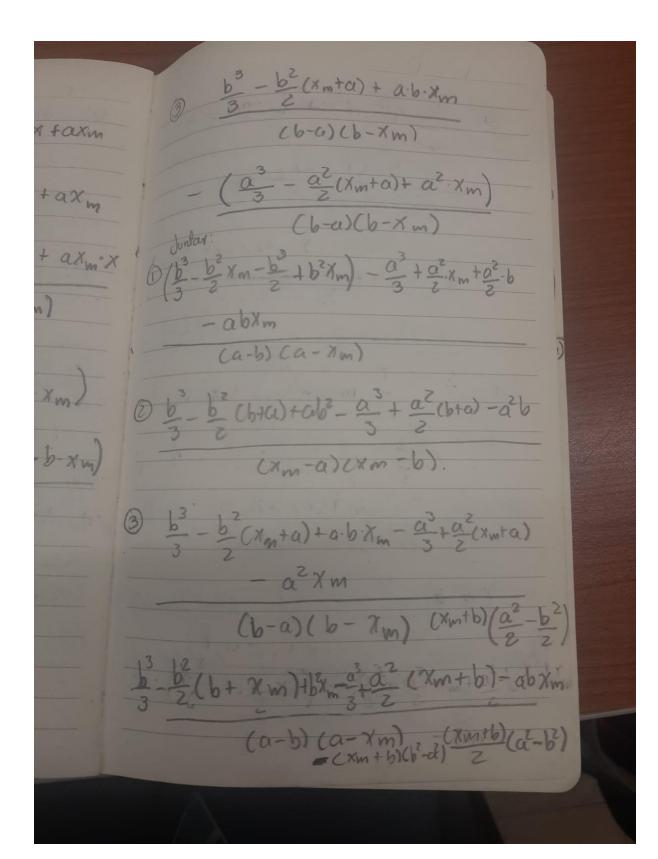
I = 5 5 (x) dx & Pe(x) Ja (ca-b)(a-xm) 5(a) + (x-a)(x-b) f(xm) + (x-a)(x-xm) 5(6)) dx & (5(x) Ja (a-b) (a-xm) s(a) + (b (x-a)(x-b) dx $\frac{1}{a} \int_{a}^{b} \frac{(x-a)(x-x_{m})}{(b-a)(b-x_{m})} dx$ $\frac{1}{a} \int_{a}^{b} \frac{(x-a)(x-x_{m})}{(x-x)(a-x_{m})} dx$ $(a-b)(a-x_m)$ $(x^3-x^2-x_m-x^2-b+bx_m)$ $\frac{(x_{m-a})(x_{m-b})}{(x_{m-a})(x_{m-b})} \int_{a}^{b} x^{2} - (b + a) + ab}$ $\frac{(x_{m-a})(x_{m-b})}{(x_{m-b})} \int_{a}^{b} x^{2} - x(b + a) + ab}$



(b-a) (b+ab+a² - (xm+b) (b+a)+ bxm)
(a-b) (a-xm) f (Xm) (b-a)(b² + ab + a²) - (a+b) (a+b) (a+b) - 5(Xm) (xm-a)(xm-b) 3 (b-a) (b+ab+a2 - (Xm+3) (b+a) + axm) . fcb) (10-a) (6-xm) ((b-a) (21+ b2+ab+a2) - (xm+b)(b+a) S(a) +26 xm) (a-b)(a-xm) (3 (b-a) [2 [b3ab+a2] - ca+b)2 + 2ab] (Ymi-a) (xm-b)

[4(Xma)(xmb)]. f(xm) b(4f(xm)) 1=(b-a)(b-xm)