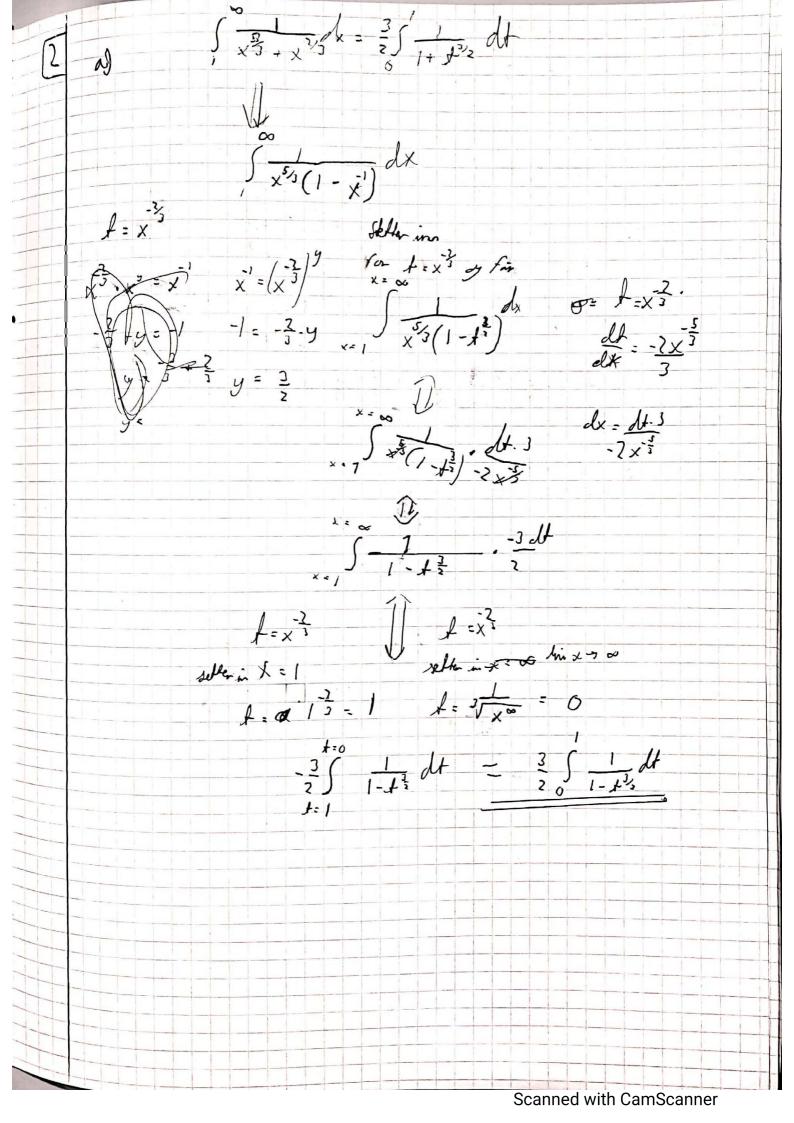
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£ 6)	$f(x) = \int_{-\infty}^{\infty} \frac{dx}{x^{\frac{1}{3}} + x^{\frac{1}{3}}}$	$= \frac{3}{2} \int \frac{\lambda}{1+1}$	J. J. 31,2	
	St(x) dx & Spc			(3) +'K(xy)
X	$= i \cdot 0 \times = \times = 2 \cdot 2$		u = 1	
	5 r(x) dx = \frac{1}{3} (10		() 4 4x(3) + A(1))	
	$= \frac{1}{9} \cdot \frac{1}{3} \cdot \frac{3}{2} \left(\frac{1}{1 + (9)} \right)$	1 + 4 1 + (1/3 +	2 1+(+/-)=+ 71	1 / 1
	×_1,119767			
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f(x) = cos(x), $0 \le x \le M$ $(, \in (1, \pi/2) \quad q:(1, 0)$ \overrightarrow{rq} : (c, f(c)) - 4 / (| +4/ PÚ : 00000 - 10 - 40 - 1 1 = 40+0P = PO+OP = Oy - OP = [1-x, -cox] | | | | | = (1-4) + (-cos(x)) = (x-1) + (cor2x) $\left(\begin{pmatrix} 1-x \end{pmatrix}^2 = \left(\begin{pmatrix} x-1 \end{pmatrix}^2 = \begin{pmatrix} x-1 \end{pmatrix}^2 \right)$ $g(x) = |94|^2 = (x-1)^2 + cs^2x$ $g'(x) = 2(x-1) + (-2 \cos(x)) \sin(x) = 2(x-1) - \sin(2x)$ \$ g'(x) = 2x - sin(2x) -2 2x 12x ->= G g(1) = cos(1) = 0,29 $g'(1) - 2 - \sin(2) - 2 = -\sin(2) = -\cos(2) = -\cos(2)$ g'(T/2) = 71-2in(T)-2= 17-2= 1,14 oft of vi set med selantsetonger sider grafer g' en hortmerly at def times en (stip at g'().

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