		۰ ۹	ρ <u>β</u>
1)	Ι =	(pax)	$dbs \cong \int_{a}^{b} p_{1}(x) dbs = \frac{b-a}{2} \left(f(a) + f(b) \right)$
) a	J ₀
) .	, , , , ,
		$\mathcal{L} = \left\{ \left(0 \right) \right\}$	a, f(a)), (b, f(b))
		J(x)	$ > p_1(x) = x - b \qquad f(a) + x - a \qquad f(b) $
			Ja
			$\int_{a}^{b} p_{4}(x) dy$ $\int_{a}^{x-b} \frac{x-b}{a-b} f(a) + \frac{x-a}{b-a} f(b) dy$
			Ja .
			$f(a)$ $\int_{a}^{b} \frac{x-b}{a-b} dx + f(b) \int_{a}^{b} \frac{x-a}{b-a} dx$
			$\int_a^a - b$ $\int_a^b - a$
			$\frac{f(a)}{a-b} \int_{a}^{b} x - b dx + \frac{f(b)}{b-a} \int_{a}^{b} x - a dx$
			$ \frac{f(a)}{a-b} \left(\frac{1}{2} \times^2 - b \times \right) \Big _{a}^{b} + \frac{f(b)}{b-a} \left(\frac{1}{2} \times^2 - a \times \right) \Big _{a} $
			$\frac{f(a)}{a-b} \left(\left(\frac{b^2}{2} - \frac{b^2}{2} \right) - \left(\frac{a^2}{2} - ab \right) \right) + \underbrace{f(b)}_{b-a} \left(\left(\frac{b^2}{2} - ab \right) - \left(\frac{a^2}{2} - a^2 \right) \right)$
			a-b $(2$ $) (2$ $)) b-a (2$ $))$
			$\frac{f(a)}{a-b} \left(\begin{array}{ccccc} -b^2 & a^2 \\ \hline 2 & 2 \end{array} \right) + \frac{f(b)}{b-a} \left(\begin{array}{ccccc} b^2 & -ab & +a^2 \\ \hline 2 & 2 \end{array} \right)$
			(1) (1) (2) (4) (4) (4)
			$\frac{f(a)}{a-b} \left(-\frac{(a-b)^2}{2} \right) + \frac{f(b)}{b-a} \left(-\frac{(a-b)^2}{2} \right)$
			$f(a)\left(\frac{-(a-b)}{2}\right)$ $f(b)\left(\frac{-(a-b)}{2}\right)$
			$f(a)\left(\frac{b-a}{2}\right) + f(b)\left(\frac{b-a}{2}\right)$
			$\frac{b-a}{2}\left(f(a)+f(b)\right)$