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$$\int_{\mathbb{R}^{2n}} \int_{\mathbb{R}^{2n}} \Delta_{t,\infty}(t) \qquad \int_{\mathbb{R}^{2n}} \int_{\mathbb{R}^{2n}} \Delta_{t,\infty}(t) = \frac{f(t) - f(\infty)}{t - \infty}$$

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$$\Delta_{t,n}: \mathbb{R} \setminus \{a\} \to \mathbb{R} \qquad , \alpha \in \mathbb{R} \qquad f(x) = C \qquad , f: \mathbb{R} \to \mathbb{R} \qquad \boxed{\mathfrak{I}}$$

$$\Delta_{f,\infty}(t) = \frac{f(t) - f(\alpha)}{t - \alpha} = \frac{C - C}{t - \alpha} = 0$$

$$f(x) = x^2$$
 , $f(x) = x^2$, $f(x) = x^2$

$$(x) = x^2$$

$$\Delta_{f,x}(t) = \frac{f(t) - f(x)}{t - x} = \frac{f(t) - f(x)}{t - x} = \frac{f(t) - f(x)}{t - x} = \frac{f(t) - f(x)}{t - x}$$

 $f(x) = |x| \qquad , f: \mathbb{R} \to \mathbb{R}$

$$Q^{4/x}(+) = \frac{+\cdot x}{|\cdot| \cdot |x|} \qquad 3x \cdot x \qquad y > 0 \qquad |x \cdot y|.$$

$$D^{4'x}(4) = \frac{4-x}{4-x} = 1 = 9 \quad \xi_1(x) = 1$$

$$\mathbb{D}_{\xi,x}(t) = \frac{-t - (-x)}{\xi - x} = -7 \qquad \Longrightarrow \qquad \lim_{t \to x} (t) = -7 \qquad \Longrightarrow$$

$$\Delta_{\xi,0} = \frac{|t| \cdot -|0|}{t - 0} = \sum_{i=1}^{n} \frac{t}{t} = \sum_{i=1}^{n} \frac{t}{t} = 0$$

$$f'(x) = \begin{cases} 1 & 1/0 \\ -1 & 1/0 \end{cases}, f': \mathbb{R} \setminus \{0\} \to \mathbb{R} \quad \text{and} \quad \text{sign} \quad$$

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| | | | · · · | · • | | f(4)-f(a) |) t ; | . a . | י. הלצי פ | , 19D | . ef inc |
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$$0.3 \quad \text{1)-5l} \quad f \qquad \text{0.1.7} \qquad f(x) = \begin{cases} 0.0 & 0.0 \\ 0.0 & 0.0 \end{cases} \quad x \neq 0.$$

$$\bigcap_{f_i \circ} (t) = \frac{f(t) - f(v)}{t - o} = \frac{t \cdot Sin\left(\frac{n}{t}\right)}{t} = Sin\left(\frac{n}{t}\right)$$

$$10.5 3.567 4 6 6 7.00 4 6 7.00$$

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$$f'(0) = 0$$
 $f(0) = 0$ $f(0) = 0$ $f(0) = 0$ $f(0) = 0$

$$\sum_{f,x} \frac{s_{f,x}}{t-x} = \frac{$$

$$V_{1,0} = V_{1,0} = V_{1$$

$$K(2) = \frac{5:h(2)}{2}$$
 $g(k) = \frac{4-x}{2}$

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יחשלה הופיחה:

$$f(t) = f(w) + (t-w) \frac{t-w}{t(t)-t(w)}$$

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$$f(w) = f(w) + (t-w) \frac{t-w}{t(t)-t(w)}$$

$$f(w) = f(w) + (t-w) \frac{t-w}{t(t)-t(w)}$$

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$$f(x) = 1$$
 $f(x) = x$ $\lambda \lambda \lambda a$

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$$\Delta_{t:y,u}(t) = \frac{(t+y)(t)-(t+y)(u)}{t-u} = \frac{\dot{t}(t)-\dot{t}(u)}{t-u} + \frac{\dot{y}(t)-\dot{y}(u)}{t-u} = D_{t,u}(t) + D_{y,u}(t)$$

$$(f + g)(a) = \lim_{t \to \infty} \int_{f + g_1 \infty} (t) = f'(\infty) + g'(\alpha)$$

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$$D^{+,a,a}(+) = \frac{1}{t^{+}(+) \cdot a^{-}(+) - t^{+}(a) \cdot a^{-}(a)} = \frac{1}{t^{+}(+) \cdot a^{-}(a) - t^{+}(a) \cdot a^{-}(a)} = \frac{1}{t^{+}(+) \cdot a^{-}$$

$$= f(t) \frac{g(t) - g(n)}{t - n} + g(n) \frac{f(t) - f(n)}{t - n} = f(t) \cdot \mathcal{O}_{g,n}(t) + g(n) \cdot \mathcal{O}_{f,n}(t)$$

| f(| (x) = (| λ° | ٠ ره | • | , и | e N | ٠ | | • | ٠ | אינצולְצִינִ | د | לנטווח | . <i>P</i> i |
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