



[2].

1.

$$q = f(p)$$

$$p = f(q)$$

2.

3. ( )

$x -$

$K(x)$

$\frac{K(x)}{x}$

$\Pi(x)-$

$$f(x) = \frac{K(x)}{x}$$

4. ( )

$q$

$$U = p \times q = q \times f(q)$$

5.

( )

$$u = u(t)$$

$u -$

$$u_0 = u(t_0)$$

$$u_0 + \Delta u = u(t_0 + \Delta t)$$

$$z = \frac{\Delta u}{\Delta t}$$

$$z = \lim_{\Delta t \rightarrow 0} \frac{\Delta u}{\Delta t}$$

$t_0$

$\Delta y,$

$$\frac{\Delta y}{\Delta x}$$

$$y' = \lim_{\Delta x \rightarrow 0} \frac{\Delta y}{\Delta x}$$

( )  $x -$

( )

[3].

$$C(x) = D(x) - S(x) \quad x = x_0$$

$$C'(x_0) = 0, \quad C'(x) = D'(x) - S'(x)$$

$$D'(x_0) = S'(x_0).$$

[4].

$$U = U(x).$$

$x$

$U$

$$y = f(x)$$

$$\frac{\Delta y}{\Delta x}$$

$\Delta x$

$x$

$\Delta y$

»

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