

1

• $F(x) = f(x) + g(x)$. f g μ ,
 $F'(x) = f'(x) + g'(x)$.

• $f'(x) = \frac{f(x) - f(x_0)}{x - x_0}$; 8 μ

• $f'(x_0) = \lim_{x \rightarrow x_0} \frac{f(x) - f(x_0)}{x - x_0}$; 5 μ

• $f'(x_0) = \lim_{h \rightarrow 0} \frac{f(x_0 + h) - f(x_0)}{h}$; 5 μ

) $f'(x_1) = \lim_{x \rightarrow x_1} \frac{f(x) - f(x_1)}{x - x_1}$; μ

) $(\ln 2)' = \frac{1}{2}$

) $f'(x_0) = \lim_{x \rightarrow x_0} \frac{f(x) - f(x_0)}{x - x_0}$; μ

) $f'(x_i) = \lim_{x \rightarrow x_i} \frac{f(x) - f(x_i)}{x - x_i}$; μ

) f_1, f_2, \dots, f_K ; $f_1 + f_2 + \dots + f_K = 100$; μ

) $f'(x) = \lim_{x \rightarrow x_0} \frac{f(x) - f(x_0)}{x - x_0}$; μ

) $f'(g(x)) = f'(g(x)) \cdot g'(x)$; 7 μ

2

• $P(x) = \frac{1}{3}$; μ

• $P(x) = 2^{-2}$; $P(x) = -2$; $-\frac{5}{6}$; μ

• $33 < x < 39$; μ

B1. $(x) = 36$; 6

B2. $(x) = \mu$; 8

B3.

, μ

μ

6

B4.

μ

μ

,

5

3

- 40%) μ μ 4 5,4,3,2 X_{1,X2,X3,X4} 10%,20%,30% μ
-) μ X_{1,X2,X3,X4} 5 μ
-) μ S² X_{1,X2,X3,X4} 4 μ
-) μ CV X_{1,X2,X3,X4} 4 μ
- X_{1,X2,X3,X4} μ X_{1,X2,X3,X4} 4 μ
- 0,3 μ 10% , : 4 μ
-) μ μ μ 4 μ
-) μ X_{1,X2,X3,X4} 4 μ

4

$$f(x) = \epsilon^3 x^2 + \frac{2}{x}, x \in (0,1),$$

μ μ >1

A. .

f

μ

f

μ

8

·

μ

x ∈ (0,1)

f

f(x)

3

5

B.

μ

μ

= {1, 2, ..., }

μ

μ

$$\epsilon^3 C^2(R) + \frac{2}{p(A)} = 3\epsilon$$

$$N(A) = \epsilon^2 - 6\epsilon - 6$$

()

()

$$() = \frac{1}{7}$$

.

μ μ
 μ \cup

$$\mu (\quad) = \frac{1}{8},$$

7
5