



$\Delta$  (1), (2).

$$\sum \Delta P_1 = \sum \Delta P_2 = 1,0,$$

$$\sum \Delta P_1 = \Delta_1^2 + \Delta_1; \quad (4)$$

$$\sum \Delta P_2 = \Delta_2^2 + \Delta_2. \quad (5)$$

(4) (5) :

$$Z_1 = \Delta_1^2 + \Delta_1; \quad (6)$$

$$Z_2 = \Delta_2^2 + \Delta_2. \quad (7)$$

$= 1,0$

$$Z_1 = \Delta_1 + \Delta_1,$$

$$Z_2 = \Delta_2 + \Delta_2,$$

$Z_1 = Z_2,$

,  $\Delta_1 > \Delta_2$   $\Delta_1 < \Delta_2,$

$$\Delta_1 + \Delta_1 = \Delta_2 + \Delta_2. \quad (8)$$

(6), (7)

$$Z_1 = Z_2 \quad (6) \quad (7)$$

$$\Delta_1^2 + \Delta_1 = \Delta_2^2 + \Delta_2. \quad (9)$$

(9)

$$\begin{aligned}
(c_1 - c_2)^2 &= c_2 - c_1, \\
&= \sqrt{\frac{c_2 - c_1}{a_1 - a_2}}, \tag{10}
\end{aligned}$$

$$\begin{aligned}
\frac{c_2 - c_1}{a_1 - a_2} &> 0 \\
x &= \pm 1. \tag{11}
\end{aligned}$$

$$\begin{aligned}
(6) \quad (7), \\
= -1 \quad = +1.
\end{aligned}$$

$$0 \leq \leq 1, 0 \tag{11}$$

[1]

$$R = \frac{\left[1 + \left(\frac{dZ}{dx}\right)^2\right]^{\frac{3}{2}}}{\frac{d^2Z}{dx^2}} = \frac{\left[1 + \left(\frac{dZ}{dx}\right)^2\right] \sqrt{1 + \left(\frac{dZ}{dx}\right)^2}}{\frac{d^2Z}{dx^2}}. \tag{12}$$

$$\frac{dZ_1}{dx} = 2a_1x; \quad \frac{d^2Z_1}{dx^2} = 2a_1;$$

$$\frac{dZ_2}{dx} = 2a_2x; \quad \frac{d^2Z_2}{dx^2} = 2a_2.$$

(6) (7):

$$R_1 = \frac{\left[1 + (2a_1x)^2\right] \sqrt{1 + (2a_1x)^2}}{2a_1}; \tag{13}$$

$$R_2 = \frac{\left[1 + (2a_2x)^2\right] \sqrt{1 + (2a_2x)^2}}{2a_2}. \tag{14}$$

$$R_1 \quad R_2 \quad = 1:$$

$$R_1 = \frac{\left[1 + 4a_1^2\right] \sqrt{1 + 4a_1^2}}{2a_1}; \tag{15}$$

$$R_2 = \frac{[1 + 4a_2^2] \sqrt{1 + 4a_2^2}}{2a_2}. \quad (16)$$

,  $4 \frac{2}{1}, 4 \frac{2}{2} \gg 1,0$ , -  
:

$$R_1 = \frac{4a_1^2 \cdot 2a_1}{2a_1} = 4a_1^2; \quad (17)$$

$$R_2 = \frac{4a_2^2 \cdot 2a_2}{2a_2} = 4a_2^2. \quad (18)$$

$$, \quad a_1 > a_2, \quad 4 \frac{2}{1} > 4 \frac{2}{2} \quad R_1 > R_2. \quad (6)$$

$$(7) \quad > 1,0 \quad (6).$$

> 1,0

$\Delta$

$\Delta$

$$1,0 > > 0.$$

$$= 1,0$$

1. 624 . . . . . - . : , 1953. -

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