

A 6.

(a) 定率

(b) 減率

(c) 一定 (= 保持) せしむ

(d) 減少

(e) 支配

(f) 1) 7) 7) $\int R = k \cdot w$, $k = 1$ [m²·h/kg·乾] $0.2 < w < 0.5 = 0.2 < w < w_c$
 $R = 0.5$ $0.5 \leq w \leq 0.6$

1) $w_1 = 0.6$ 1) $w_c = 0.5$ 1) 乾燥時間は, $R = \text{一定}$ 1)

$$t_{1c} = -\frac{m}{A} \int_{w_1}^{w_c} \left(\frac{1}{R}\right) dw = -\frac{m}{A} \times \frac{1}{R} \times (w_c - w_1) \\ = 0.533 \text{ h}$$

$w_c = 0.5$ 1) $w_2 = 0.2$ 1) 1)

$$t_{c2} = -\frac{m}{A} \int_{w_c}^{w_2} \left(\frac{1}{R}\right) dw = -\frac{m}{A} \int_{w_c}^{w_2} \frac{1}{w} dw = \frac{m}{A} \ln\left(\frac{w_c}{w_2}\right) = 2.44$$

よ. $t_{12} = t_{1c} + t_{c2} = 2.97 \approx 3$ //