P.209.6. 两菜等分别为asb的河垂直相交。若一般能从一河 2011年—96. 转入另一条河,问其收定至多为?

$$\frac{1}{2} \cdot \frac{1}{2} \cdot \frac{1$$

 $= \alpha \cdot \frac{\sqrt{a_{\overline{3}}^{2} + b_{\overline{3}}^{2}}}{a_{\overline{3}}^{\frac{1}{3}}} + b \cdot \sqrt{\frac{b_{\overline{3}}^{2} + a_{\overline{3}}^{2}}{b_{\overline{3}}^{\frac{1}{3}}}} = \sqrt{a_{\overline{3}}^{2} + b_{\overline{3}}^{2}} (a_{\overline{3}}^{2} + b_{\overline{3}}^{2}) = (a_{\overline{3}}^{2} + b_{\overline{3}}^{2})^{\frac{2}{3}}.$

 $\frac{1}{14} : V(x) = \frac{1}{3} \pi x^2 (a + \sqrt{a^2 x^2})$

$$V(x) = \frac{2\pi}{3} \chi (\alpha + \sqrt{\alpha^2 - \chi^2}) + \frac{1}{3} \pi \chi^2 \cdot (\frac{-2\chi}{2 \sqrt{\alpha^2 - \chi^2}})$$

$$= \frac{2\pi \chi}{3} (\alpha + \sqrt{\alpha^2 - \chi^2}) - \frac{1}{3} \pi \chi^3 \cdot \frac{1}{\sqrt{\alpha^2 - \chi^2}}$$

$$= \frac{\pi \chi}{3} \int 2(\alpha + \sqrt{\alpha^2 - \chi^2}) - \frac{\chi^2}{\sqrt{\alpha^2 - \chi^2}} \int$$

 $\frac{1}{3} v(x) = 0, \quad \mathcal{Z}_1 = \frac{\chi^2}{\sqrt{a^2 \eta^2}} = \frac{\chi^2}{\sqrt{a^2 \eta^2}}$

$$2a \cdot \sqrt{a^{2}x^{2}} + 2(a^{2} - x^{2}) = x^{2}$$

$$2a \sqrt{a^{2}x^{2}} = 3x^{2} - 2a^{2}$$

$$4a^{2}(a^{2} - x^{2}) = 9x^{4} - 12a^{2}x^{2} + 4a$$

$$9x^{4} = 8a^{2}x^{2}, \quad 9x^{2} = 8a^{2}, \quad x = \frac{2\sqrt{2}a}{3}.$$

$$\sqrt{3} = 3x + \sqrt{3} = 4a$$