東工大 2007前期 ②

(1)
$$y = \chi^{2}$$

$$A(a a^{2})$$

$$C(a, o)$$

$$lost 14. y-l^2 = \frac{245l-1}{2l+13}(x-l), y = \frac{245l-1}{2l+13}x + \frac{-245l^2+12l^3}{2l+13}x + \frac{-245l^2+12l^3}{2l+13}x + \frac{245l-1}{2l+13}x + \frac{245l$$

(2)
$$S(A) = \int_{0}^{A} x^{2} dx = \left[\frac{x^{3}}{3}\right]_{0}^{A} = \frac{1}{3}A^{3}$$

$$\chi^{2} = \frac{245 R - 1}{24 + 73} \chi + \frac{24^{3} - 154^{2} + 1}{24 + 13} \cdot (24 + 15) \chi^{2} + (-2434 + 1) \chi - 24^{3} + 154^{2} - 4 = 0$$

$$\chi - \lambda = \frac{(24 + 15) \chi^{2} + (-2434 + 1) \chi - 24^{3} + 154^{2} - 4}{(24 + 15) \chi^{2} + (-2434 + 1) \chi - 24^{3} + 154^{2} - 4}$$

$$(2-4)$$
{ $(20+13)$ $(20+20^{2}-130+1$ }=0 =1).

$$T(A) = \frac{1}{6} \left(A - \frac{-2A_1^2 + 13A_1 - 1}{2A_1 + 13} \right)^3 = \frac{1}{6} \left(\frac{2A_1^2 + 13A_1 + 2A_2 - 13A_1 + 1}{2A_1 + 13} \right)^3 = \frac{1}{6} \left(\frac{4A_1^2 + 1}{2A_1 + 13} \right)^3$$

$$\frac{T(\Delta)}{S(\Delta)} = \frac{1}{Z} \left(\frac{4\lambda^2 + 1}{Z\lambda^2 + \sqrt{3}\lambda} \right)^3 = \frac{1}{Z} \left(\frac{4 + \frac{1}{A^2}}{Z + \frac{\sqrt{3}}{A}} \right)^3 \qquad \lim_{\Delta \to \infty} \frac{T(\Delta)}{S(\Delta)} = 4$$