$$\int_{0}^{\infty} f(x)dx = T(h) - \frac{(b-a)h^{2}}{(2a)} f'(x)$$

$$\int_{0}^{\infty} f(x)dx = C_{0}f(0) + C_{1}f(h)$$

$$\int_{0}^{\infty} xdx = \frac{1}{2}x^{3} \Big|_{0}^{\infty} = \frac{h^{2}}{2} = C_{0}f(0) + C_{1}f(h)$$

$$\int_{0}^{\infty} xdx = \frac{1}{2}x^{3} \Big|_{0}^{\infty} = \frac{h^{2}}{2} = C_{0}f(0) + C_{1}f(h)$$