1.
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$$\frac{P}{P$$

(4)
$$\Delta t = \frac{4V}{V \cup S} = (00.5S)$$

(5) 若绝然,则随着分色均多,
 $dN = V dn = -\Gamma \triangle S dt = -n(t) \int_{2\pi m}^{k T(t)} \triangle S dt$

而出射地 多的平均 / 根 $\frac{m}{2}$ / $\frac{m}{2}$ /

母本
$$\frac{\Delta S}{V} \sqrt{\frac{PA}{2\pi m}} = 6 \left(\frac{n_0}{2} \right)^{-\frac{1}{6}} - \frac{n_0^{-\frac{1}{6}}}{n_0^{-\frac{1}{6}}} \right)$$

(4.解: (1) $\frac{1}{3}AV_0^3 = 1$ $A = \frac{3}{V_0^3}$

(2) $V = \int_0^{V_0} AV^3 dV = \frac{3}{4}V_0$
 $V^2 = \int_0^{V_0} AV^4 dV = \frac{3}{2}V^2$