

$$-\frac{1}{2}\left(\frac{3}{30}\right)^{2} = D\frac{3}{30}^{2} - 2 + \frac{1}{2}\frac{1}{30}$$

$$-\left(\frac{3}{30}\right) \cdot \left(\frac{3}{30}\right) = D\frac{3}{30}^{2} - 2 + \frac{1}{2}\frac{1}{30}$$

$$-\left(\frac{3}{30}\right) \cdot (\frac{3}{30}\right) = D \cdot \frac{3}{30}^{2}$$

$$-\left(\frac{3}{30}\right) \cdot (1 - D \cdot \frac{3}{30}^{2}) - D \cdot \frac{3}{30}^{2}$$

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$$S(7) - S(\frac{7}{2}) \cdot \int_{\frac{\pi}{2}}^{\pi} = \alpha T' = \frac{3}{2} N + 8 \log 2$$

$$2.$$

$$(i) C = \frac{2}{N} \times 2e^{\beta NN} = 2e^{\beta} \left(\frac{1}{N} \left(\frac{2\pi N}{\beta} \right)^{3} e^{\beta N} \right)$$

$$J - \frac{1}{\beta} \log 2 = -\frac{1}{\beta} \frac{1}{i} \left(\frac{2\pi N}{\beta} \right)^{3} e^{\beta N}$$

$$M = -\frac{1}{\beta} \log 2 = -\frac{1}{\beta} \frac{1}{i} \left(\frac{2\pi N}{\beta} \right)^{3} e^{\beta N} = \frac{N}{3} e^{\beta N}$$

$$N = -\frac{1}{3} \log 2 = -\frac{1}{\beta} \frac{1}{i} \left(\frac{2\pi N}{\beta} \right)^{3} e^{\beta N} = \left(\frac{\pi}{1} \right)^{3} e^{\beta N}$$

$$N = -\frac{1}{3} \log 2 = \frac{1}{3} e^{\beta N} \left(\frac{2\pi N}{\beta} \right)^{3} e^{\beta N} = \left(\frac{\pi}{1} \right)^{3} e^{\beta N} = \left(\frac{\pi}{1} \right)^{3} e^{\beta N}$$

$$N = -\frac{1}{3} \left(\frac{2\pi N}{\beta} \right)^{3} e^{\beta N} = \left(\frac{\pi}{1} \right)^{3} e^{\beta N} = \frac{1}{3} e^{\beta N} = \frac{1}{3}$$