分說精分期主才 F74094083 資訊多113 #\$AZIN

$$A = \frac{1}{2}, B = -2$$

$$| (et w = 2x, v = \frac{3}{2}) | (et w = 2x, v = 2) | (et w = 2x, v =$$

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\begin{cases} x = r\cos\theta\sin\beta \\ \frac{1}{2} = r\sin\theta\sin\beta \\ \frac{1}{2} = r\cos\theta \end{cases}, 0 \le r \le 2, 0 \le \theta \le 2\pi, 0 \le \theta \le \pi \\ \frac{1}{2} = r\cos\theta \end{cases}
\begin{cases} \int_{0}^{2\pi} \left(\frac{3}{3}x^{2} + \frac{1}{3}\right) \frac{1}{4\pi^{2}y^{2}} dxdydz \\ = \int_{0}^{\pi} \int_{0}^{2\pi} \left(\frac{3}{3}(r\cos\theta\sin\theta)^{2} + (r\sin\theta\sin\theta)^{2} \frac{1}{3}(r\cos\theta\sin\theta)^{2} + (r\cos\theta)^{2} - r^{2}\sin\theta drd\theta d\theta \right) \\ = \int_{0}^{\pi} \int_{0}^{2\pi} \left(\frac{1}{3}x^{2}\cos^{2}\theta\sin^{3}\theta + \frac{1}{6}x^{2}\sin^{2}\theta\right) r^{2}\sin\theta drd\theta d\theta \\ = \int_{0}^{\pi} \int_{0}^{2\pi} \left(\frac{1}{3}x^{2}\cos^{2}\theta\sin^{3}\theta + \frac{1}{6}x^{2}\sin^{2}\theta\right) d\theta d\theta \\ = \int_{0}^{\pi} \int_{0}^{2\pi} \left(\frac{1}{3}\cos^{2}\theta\sin^{3}\theta + \frac{3}{2}\sin^{2}\theta\right) d\theta d\theta \\ = \int_{0}^{\pi} \frac{3^{2}}{3}\sin^{3}\theta d\theta \\ = \int_{0}^{\pi} \frac{3^{2}}{3}\sin^{3}\theta d\theta \\ = \int_{0}^{\pi} \frac{1}{3}\sin^{3}\theta d\theta \\ = \int_{0}^{\pi} \frac{1}{3}\sin^{3}\theta d\theta \\ = \int_{0}^{\pi} \left(\frac{1}{3}\cos^{2}\theta\cos^{2}\theta\cos^{2}\theta\right) \sin\theta d\theta \\ = \int_{0}^{\pi} \left(\frac{1}{3}\cos^{2}\theta\cos^{2}\theta\cos^{2}\theta\right) \sin\theta d\theta \\ = \int_{0}^{\pi} \frac{1}{3}\sin^{3}\theta d\theta \\ = \frac{1}{3}\pi \left(-\left(\frac{1}{3}\cos^{2}\theta\cos^{2}\theta\cos^{2}\theta\cos^{2}\theta\cos^{2}\theta\right) - \left(\frac{1}{3}\cos\theta\cos^{2}\theta\cos^{2}\theta\cos^{2}\theta\cos^{2}\theta\cos^{2}\theta\cos^{2}\theta\cos^{2}\theta\cos^{2}\theta\cos^{2}\theta\cos^{2}\theta\cos^{2}\theta\cos^{2}\theta\cos^{2}\theta\cos^{2}\theta\cos^{2}\theta\cos^{2}\theta\cos^{2}\theta\cos^{2}\theta\cos^{2}\theta\cos^{2}\theta\cos^{2}\theta\cos^{2}\theta\cos^{2}\theta\cos^{2}\theta\cos^{2}\theta\cos^{2}\theta\cos^{2}\theta\cos^{2}\theta\cos^{2}\theta\cos^{2}\theta\cos^{2}\theta\cos^{2}\theta\cos^{2}\theta\cos^{2}\theta\cos^{2}\theta\cos^{2}\theta\cos^{2}\theta\cos^{2}\theta\cos^{2}\theta\cos^{2}\theta\cos^{2}\theta\cos^{2}\theta\cos^{2}\theta\cos^{2}\theta\cos^{2}\theta\cos^{2}\theta\cos^{2}\theta\cos^{2}\theta\cos^{2}\theta\cos^{2}\theta\cos^{2}\theta\cos^{2}\theta\cos^{2}\theta\cos^{2}\theta\cos^{2}\theta\cos^{2}\theta\cos^{2}\theta\cos^{2}\theta\cos^{2}\theta\cos^{2}\theta\cos^{2}\theta\cos^{2}\theta\cos^{2}\theta\cos^{2}\theta\cos^{2}\theta\cos^{2}\theta\cos^{2}\theta\cos^{2}\theta\cos^{2}\theta\cos^{2}\theta\cos^{2}\theta\cos^{2}\theta\cos^{2}\theta\cos^{2}\theta\cos^{2}\theta\cos^{2}\theta\cos^{2}\theta\cos^{2}\theta\cos^{2}\theta\cos^{2}\theta\cos^{2}\theta\cos^{2}\theta\cos^{2}\theta\cos^{2}\theta\cos^{2}\theta\cos^{2}\theta\cos^{2}\theta\cos^{2}\theta\cos^{2}\theta\cos^{2}\theta\cos^{2}\theta\cos^{2}\theta\cos^{2}\theta\cos^{2}\theta\cos^{2}\theta\cos^{2}\theta\cos^{2}\theta\cos^{2}\theta\cos^{2}\theta\cos^{2}\theta\cos^{2}\theta\cos^{2}\theta\cos^{2}\theta\cos^{2}\theta\cos^{2}\theta\cos^{2}\theta\cos^{2}\theta\cos^{2}\theta\cos^{2}\theta\cos^{2}\theta\cos^{2}\theta\cos^{2}\theta\cos^{2}\theta\cos^{2}\theta\cos^{2}\theta\cos^{2}\theta\cos^{2}\theta\cos^{2}\theta\cos^{2}\theta\cos^{2}\theta\cos^{2}\theta\cos^{2}\theta\cos^{2}\theta\cos^{2}\theta\cos^{2}\theta\cos^{2}\theta\cos^{2}\theta\cos^{2}\theta\cos^{2}\theta\cos^{2}\theta\cos^{2}\theta\cos^{2}\theta\cos^{2}\theta\cos^{2}\theta\cos^{2}\theta\cos^{2}\theta\cos^{2}\theta\cos^{2}\theta\cos^{2}\theta\cos^{2}\theta\cos^{2}\theta\cos^{2}\theta\cos^{2}\theta\cos^{2}\theta\cos^{2}\theta\cos^{2}\theta\cos^{2}\theta\cos^{2}\theta\cos^{2}\theta\cos^{2}\theta\cos^{2}\theta\cos^{2}\theta\cos^{2}\theta\cos^{2}\theta\cos^{2}\theta\cos^{2}\theta\cos^{2}\theta\cos^{2}\theta\cos^{2}\theta\cos^{2}\theta\cos^{2}\theta\cos^{2}\theta\cos^{2}\theta\cos^{2}\theta\cos^{2}\theta\cos^{2}\theta\cos^{2}\theta\cos^{2}\theta\cos^{2}\theta\cos^{2}\theta\cos^{2}\theta\cos^{2}\theta\cos^{2}\theta\cos^{2}\theta\cos^{2}\theta\cos^{2}\theta\cos^{2}\theta\cos^{2}\theta\cos^{2}\theta\cos^{2}\theta\cos^{2}\theta\cos^{2}\theta\cos^{2}\theta\cos^{2}\theta\cos^{2}\theta\cos^{2}\theta\cos^{2}\theta\cos^{2}\theta\cos^{2}\theta\cos^{2}\theta\cos^{2}\theta\cos^{2}\theta\cos^{2}\theta\cos^{2}\theta\cos^{2}\theta\cos^{2}\theta\cos^{2}\theta\cos^{2}\theta
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