$$\frac{\sum_{i=1}^{n} \sum_{j=1}^{n} \sum_{i=1}^{n} \sum_{j=1}^{n} \sum_{i=1}^{n} \sum_{j=1}^{n} \sum_{j=1}^{n} \sum_{j=1}^{n} \sum_{i=1}^{n} \sum_{j=1}^{n} \sum$$

2;(si) = poiku an aux (E(5;) ~N(0,5;)

So Cor Lesso, pokum ~-, Just repla (5) u/ JE(51)

Explos
$$p(y|y)$$
 + · los $\frac{p(b|s)}{q(s)}$ +

We have:
$$\int_{0}^{\infty} Z^{2} \left(\frac{\lambda}{y}\right) \left(\frac{1}{3\pi x^{3}} \exp\left[-\frac{\lambda x}{2y^{2}} - \frac{\lambda}{2x}\right]\right)$$

$$= \int_{0}^{\infty} T^{2} \frac{1}{|x|} \exp\left[-\frac{\lambda}{y}\right] \left[\frac{1}{2}C(\lambda,y)\right]$$

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$$= \int_{0}^{\infty} \exp\left[-\frac{\lambda}{y}\right] \left[\frac{1}{y^{2}} + \frac{y^{2}}{y^{2}}\right]$$

$$= \int_{0}^{\infty} \exp\left[-\frac{\lambda}{y}\right] \left[\frac{1}{y^{2}} + \frac{y^{2}}{y^{2}}\right]$$

$$= \int_{0}^{\infty} \exp\left[-\frac{\lambda}{y}\right] \left[\frac{1}{y^{2}} + \frac{y^{2}}{y^{2}}\right]$$

$$= \int_{0}^{\infty} \left(\frac{1}{3\pi x^{2}} - \frac{\lambda}{x^{2}}\right) \left[\frac{1}{y^{2}} + \frac{y^{2}}{y^{2}}\right]$$

$$= \int_{0}^{\infty} \left(\frac{1}{3\pi x^{2}} - \frac{\lambda}{x^{2}}\right) \left[\frac{1}{y^{2}} + \frac{\lambda}{x^{2}}\right]$$

$$= \int_{0}^{\infty} \left(\frac{1}{3\pi x^{2}} - \frac{\lambda}{x^{2}}\right) \left[\frac{1}{y^{2}} + \frac{\lambda}{x^{2}}\right]$$

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$$= \int_{0}^{\infty} \left(\frac{1}{3\pi x^{2}} - \frac{\lambda}{x^{2}}\right) \left[\frac{1}{y^{2}} - \frac{\lambda}{x^{2}}\right]$$

$$= \int_{0}^{\infty} \left(\frac{1}{3\pi x^{2}} - \frac{\lambda}{x^{2}}\right) \left[\frac{1}{y^{2}} - \frac{\lambda}{x^{2}}\right]$$

$$= \int_{0}^{\infty} \left(\frac{1}{3\pi$$

E(65) = 2 + yy = 5 x x x 5 = 5 b; (x x); b;

= 5 b; b; X, X, x;