$$T_{2,a}p_{T}(p) = T(p+1) \Rightarrow p_{T}(p) \Rightarrow 1, p \Rightarrow 0 \Rightarrow T(p) \sim \frac{1}{p}, p \Rightarrow 0$$

$$T_{3} \cdot d\int_{0}^{\infty} dy \int_{0}^{\infty} \frac{\sin x}{x} dx = \int_{0}^{\infty} dx \frac{\sin x}{x} \int_{0}^{\infty} dy = \int_{0}^{\infty} \sin x dx = 2$$

$$B\int_{0}^{\infty} (x_{1}t - \frac{1}{2}x_{1})^{2} dx_{1} ... dx_{n} = a^{n-1} \int_{0}^{\infty} x^{2} dx \cdot n + 2na^{n-2} \int_{0}^{\infty} xy dx dy = 2na^{n-2} \left( \frac{x_{1}}{x_{2}} \right)^{2} + a^{n-1} \int_{0}^{\infty} x^{2} dx \cdot n + 2na^{n-2} \int_{0}^{\infty} xy dx dy = 2na^{n-2} \left( \frac{x_{1}}{x_{2}} \right)^{2} + a^{n-1} \int_{0}^{\infty} x^{2} dx \cdot n + 2na^{n-2} \int_{0}^{\infty} xy dx dy = 2na^{n-2} \left( \frac{x_{1}}{x_{2}} \right)^{2} + a^{n-1} \int_{0}^{\infty} x^{2} dx \cdot n + 2na^{n-2} \int_{0}^{\infty} xy dx dy = 2na^{n-2} \left( \frac{x_{1}}{x_{2}} \right)^{2} + a^{n-1} \int_{0}^{\infty} x^{2} dx \cdot n + 2na^{n-2} \int_{0}^{\infty} xy dx dy = 2na^{n-2} \int_{0}^{\infty} x dx \cdot n + 2na^{n-2} \int_{0}^{\infty} xy dx dy = 2na^{n-2} \int_{0}^{\infty} x dx \cdot n + 2na^{n-2} \int_{0}^{\infty} xy dx dy = 2na^{n-2} \int_{0}^{\infty} x dx \cdot n + 2na^{n-2} \int_{0}^{\infty} xy dx dy = 2na^{n-2} \int_{0}^{\infty} x dx \cdot n + 2na^{n-2} \int_{0}^{\infty} xy dx dy = 2na^{n-2} \int_{0}^{\infty} x dx \cdot n + 2na^{n-2} \int_{0}^{\infty} xy dx dy = 2na^{n-2} \int_{0}^{\infty} x dx \cdot n + 2na^{n-2} \int_{0}^{\infty} xy dx dy = 2na^{n-2} \int_{0}^{\infty} x dx \cdot n + 2na^{n-2} \int_{0}^{\infty} xy dx dy = 2na^{n-2} \int_{0}^{\infty} x dx \cdot n + 2na^{n-2} \int_{0}^{\infty} xy dx dy = 2na^{n-2} \int_{0}^{\infty} x dx \cdot n + 2na^{n-2} \int_{0}^{\infty} xy dx dy = 2na^{n-2} \int_{0}^{\infty} x dx \cdot n + 2na^{n-2} \int_{0}^{\infty} x dx \cdot n +$$

T.4. of 6) 
$$\iiint_{x^{2}+y^{2}+z^{2} \leq a^{2}} f(x+y+z) \, dx dy dz = \iint_{z=z}^{a} \int_{z=z}^{a} \int_{z=z}^{z} \int_{z=z}^{z}$$

$$\int_{0}^{1} x^{d-1} e^{-x^{B}} dx = \int_{0}^{1} \frac{1}{B^{2}} \frac{1}{A^{2}} = \int_{0}^{1} \frac{1}{B^{2}} \frac{1}{A^{2}} \frac{1}{A^{2}} = \int_{0}^{1} \frac{1}{A^{2}} \frac{1}{A^{$$

 $\top$