```
Deleminare d'availler de \( \sum_{n}^{\frac{1}{n}} \) ordan \( \frac{1}{n} \) \\ \sum_{n}^{\frac{1}{n}} \) contain \( \frac{1}{n} \) \\ \sum_{n}^{\frac{1}{n}} \) contain \( \frac{1}{n} \) \( \
                                                                                                                                                                                                                                            T_{3}^{0}(\operatorname{color}_{n}(\cdot)) = \frac{c^{2}}{3} \cdot o(c^{2}) = T_{3}^{0}(\operatorname{color}_{n}^{2}) \cdot \frac{1}{n} \cdot \frac{1}{3} (\frac{1}{n})^{2} \cdot o(\frac{1}{2n}) \implies \sum_{n=0}^{\infty} \operatorname{color}_{n} \frac{1}{n} = \sum_{n=0}^{\infty} \frac{1}{n} \cdot \frac{1}{n} \cdot \frac{1}{n} \cdot \frac{1}{n} = \sum_{n=0}^{\infty} \frac{1}{n} \cdot \frac{1}{n} \cdot \frac{1}{n} \cdot \frac{1}{n} = \sum_{n=0}^{\infty} \frac{1}{n} \cdot \frac{1}{n} \cdot \frac{1}{n} \cdot \frac{1}{n} \cdot \frac{1}{n} = \sum_{n=0}^{\infty} \frac{1}{n} \cdot \frac{1}{n} \cdot
2) \int (3x-1)^2 dx = \frac{1}{3} \int 3(3x-1)^2 dx = \frac{(3x-1)^2}{24} + c
                                                                                             Jx (3-42 dx , 1 ) 3x (3.42 dx , 2(3.42)4 ( 1) 1c , - (3.42)4, c
                                                                                                  J do 2 dx . do 2 + c
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1 lux 1 1 5 9' × 9 2 2

 $\int_{-2}^{2} x (\ln x)^{2} \cdot (\ln x)^{2} \cdot \frac{1}{x^{2}} \frac{d^{2}x}{dx} = (x \ln x)^{2} - \int_{-2}^{2} x \ln x \, dx = (x \ln x)^{2} \cdot \left[\frac{x^{2} \ln x}{L} - \int_{-2}^{2} \frac{x^{2}}{x^{2}} \, dx \right] \cdot (x \ln x)^{2} - \int_{-2}^{2} \frac{x^{2}}{L} \ln x \, dx = \left(x \ln x \right)^{2} \cdot \left[\frac{x^{2} \ln x}{L} - \int_{-2}^{2} \frac{x^{2}}{L} \, dx \right] \cdot (x \ln x)^{2} - \int_{-2}^{2} \frac{x^{2}}{L} \ln x \, dx = \left(x \ln x \right)^{2} \cdot \left[\frac{x^{2} \ln x}{L} - \int_{-2}^{2} \frac{x^{2}}{L} \, dx \right] \cdot (x \ln x)^{2} - \int_{-2}^{2} \frac{x^{2}}{L} \ln x \, dx = \left(x \ln x \right)^{2} \cdot \left[\frac{x^{2} \ln x}{L} - \int_{-2}^{2} \frac{x^{2}}{L} \, dx \right] \cdot (x \ln x)^{2} - \int_{-2}^{2} \frac{x^{2}}{L} \ln x \, dx = \left(x \ln x \right)^{2} \cdot \left[\frac{x^{2} \ln x}{L} - \int_{-2}^{2} \frac{x^{2}}{L} \, dx \right] \cdot (x \ln x)^{2} - \int_{-2}^{2} \frac{x^{2}}{L} \ln x \, dx = \left(x \ln x \right)^{2} \cdot \left[\frac{x^{2} \ln x}{L} - \int_{-2}^{2} \frac{x^{2}}{L} \, dx \right] \cdot (x \ln x)^{2} - \int_{-2}^{2} \frac{x^{2}}{L} \ln x \, dx = \left(x \ln x \right)^{2} \cdot \left[\frac{x^{2} \ln x}{L} - \int_{-2}^{2} \frac{x^{2}}{L} \, dx \right] \cdot (x \ln x)^{2} - \int_{-2}^{2} \frac{x^{2}}{L} \ln x \, dx = \left(x \ln x \right)^{2} \cdot \left[\frac{x^{2} \ln x}{L} - \int_{-2}^{2} \frac{x^{2}}{L} \, dx \right] \cdot (x \ln x)^{2} - \int_{-2}^{2} \frac{x^{2}}{L} \ln x \, dx = \left(x \ln x \right)^{2} \cdot \left[\frac{x^{2} \ln x}{L} - \int_{-2}^{2} \frac{x^{2}}{L} \, dx \right] \cdot (x \ln x)^{2} - \int_{-2}^{2} \frac{x^{2}}{L} \ln x \, dx = \left(x \ln x \right)^{2} \cdot \left[\frac{x^{2} \ln x}{L} - \int_{-2}^{2} \frac{x^{2}}{L} \, dx \right] \cdot (x \ln x)^{2} - \int_{-2}^{2} \frac{x^{2}}{L} \ln x \, dx = \left(x \ln x \right)^{2} \cdot \left[\frac{x^{2} \ln x}{L} - \frac{x^{2}}{L} \right] \cdot (x \ln x)^{2} - \int_{-2}^{2} \frac{x^{2}}{L} \ln x \, dx = \left(x \ln x \right)^{2} \cdot \left[\frac{x^{2} \ln x}{L} - \frac{x^{2}}{L} \right] \cdot (x \ln x)^{2} - \int_{-2}^{2} \frac{x^{2}}{L} \ln x \, dx = \left(x \ln x \right)^{2} \cdot \left[\frac{x^{2}}{L} \right] \cdot (x \ln x)^{2} - \left(x \ln x \right)^{2} \cdot \left[\frac{x^{2}}{L} \right] \cdot (x \ln x)^{2} - \left(x \ln x \right)^{2} \cdot \left[\frac{x^{2}}{L} \right] \cdot (x \ln x)^{2} - \left(x \ln x \right)^{2} \cdot \left[\frac{x^{2}}{L} \right] \cdot (x \ln x)^{2} - \left(x \ln x \right)^{2} \cdot \left[\frac{x^{2}}{L} \right] \cdot (x \ln x)^{2} - \left(x \ln x \right)^{2} \cdot \left[\frac{x^{2}}{L} \right] \cdot (x \ln x)^{2} - \left(x \ln x \right)^{2} \cdot \left[\frac{x^{2}}{L} \right] \cdot (x \ln x)^{2} - \left(x \ln x \right)^{2} \cdot \left[\frac{x^{2}}{L} \right] \cdot (x \ln x)^{2} - \left(x \ln x \right)^{2} \cdot \left[\frac{x^{2}}{L} \right] \cdot (x \ln x)^{2} - \left(x \ln x \right)^{2} \cdot \left[\frac{x^{2}}{L} \right] \cdot (x \ln x)^{2} - \left(x \ln x \right)^$

3x e 4x4 dx - 3 16x5 e 4x dx - 3 e 4x+c $\int \frac{\sin \sqrt{x}}{\sqrt{x}} dx = 2 \int \frac{\sin \sqrt{x}}{2\sqrt{x}} dx = -2 \cos \sqrt{x} + c$ I xexdx = xex-ledge xex-exc