Trova 1+ (,(x))2 . dx OX 9x2/3+4 tilibra

 $L = \frac{1}{1} \int_{0}^{2} \sqrt{9x^{2/3} + 4} \cdot dx$ $u = x^{2/3}$

Si Js. 11-4.3 du

-S132 Su+4 du

J. 2 Jan 4 du . vo: 94 4

 $\int_{1}^{2} \frac{1}{2} v^{1/2} du = \frac{dv}{3} = du$

 $\frac{\int_{1}^{2} \frac{1}{3} v^{1/2} \cdot \frac{1}{3} \cdot dv}{\int_{1}^{2} \frac{1}{3} \cdot \frac{1}{3} \cdot$

 $\int_{1}^{2} \frac{1}{2} \frac{1}{5} \cdot v^{1/2} \cdot dv = \int_{1}^{2} \frac{31^{2}}{18} \cdot \frac{31^{2}}{312} \cdot \frac{7^{2}}{312}$

S. 18 v'12. do -



