2 arcsin12 T W 9.2.47 J ln x dx = [lim ln x 2 -00 23 27 paypoll à paga upu x20] = 2 Lim I lox dx @ life Mill Dellets) Fingle Man a Linx dx = [welnx $= \sum_{x=x}^{|x|^2} \frac{1}{x} \int_{-\infty}^{\infty} x \ln x - \int_{-\infty}^{\infty} \frac{1}{x} dx = x \ln x - \int_{-\infty}^{\infty} \frac{1}$ z lim (1. lu1-1- E. ln E+E) = z lim (-1-ElnE+E) = -1-0+02 2 - 1 2> UHT, CX. N9. 2.51 1 dx = 2 [lim = 2 2 ∞ 23] 2) bryspenseur paspoll & x = 0] 2

$$\int \frac{dx}{x^{2}} + \int \frac{dx}{x^{2}} = \lim_{\epsilon \to 0} \oint \int \frac{dx}{x^{2}} + \int \frac{dx}{x$$

 $\frac{2}{5}\left(\frac{cp(x)}{(1-x)^{\frac{2}{3}}},\frac{f(x)}{f(x)}-\mu\alpha\mu\alpha -y\mu\eta;\right)$ $\int \frac{1}{(1-x)^{\frac{2}{3}}}dx-cx., \forall x \in \mathcal{A}^{\frac{2}{3}} < 1$ $\frac{2 \lim_{x \to 4} \frac{\cos^2 x}{(1+x)^{\frac{2}{3}}} \frac{1}{(1-x)^{\frac{2}{3}}} \frac{2}{(1-x)^{\frac{2}{3}}} \frac{2}{1}$ $\frac{2 \lim_{x \to 4} \frac{\cos^2 x}{(1+x)^{\frac{2}{3}}} \frac{1}{(1-x)^{\frac{2}{3}}} \frac{2}{1}$ $\frac{2 \lim_{x \to 4} \frac{\cos^2 x}{(1+x)^{\frac{2}{3}}} \frac{\cos^2 x}{(1+x)^{\frac{2}{3}}} \frac{\cos^2 x}{2^{\frac{2}{3}}}$ $=\frac{\cos 4}{3\sqrt{4}}\left(\neq 0,\neq \infty\right) =>$ 5 f(x) dx - ex, i.u. for(x) dx - cx. W 9 2.58 $\int_{0}^{1} \frac{dx}{3x^{2}+3\sqrt{x}}; \# f(x) \text{ uncer paybole}$ $\int_{0}^{1} \frac{dx}{3x^{2}+3\sqrt{x}}; \# f(x) \text{ uncer paybole}$ -cx. no speymany spatronur.