$$\begin{array}{lll} \frac{7 \cdot 144.17}{\int_{\frac{1}{2}-2co^{2}}^{2}} & \frac{2}{\sqrt{2}} u = tan \frac{\pi}{2}, d\pi = \frac{2du}{\mu u^{2}} & \lim_{\lambda \to \infty}^{13} \frac{2du}{\mu u^{2}} & \lim_{\lambda \to \infty}^{13} \frac{2du}{\mu u^{2}} & \cos \pi = \frac{1-u^{2}}{\mu u^{2}} \\ & = \int \frac{1-u^{2}}{\int_{\frac{1}{2}+3u^{2}}^{2}} \frac{2du}{\mu u^{2}} & = \int \frac{1-u^{2}}{2+8u^{2}} \cdot \frac{2du}{\mu u^{2}} & = -\int \frac{(u^{2}+1-2)du}{(\mu 4u^{2}).(\mu u^{2})} \\ & = -\int \frac{du}{1+4u^{2}} + \frac{2}{3} \int \frac{du}{1+u^{2}} & = \int \frac{1-u^{2}}{2+8u^{2}} \cdot \frac{2du}{\mu u^{2}} & = -\int \frac{du}{(\mu 4u^{2}).(\mu u^{2})} & \frac{1}{2} \frac{du}{1+u^{2}} \\ & = \frac{1}{3} \int \frac{du}{1+4u^{2}} - \frac{2}{3} \int \frac{du}{1+u^{2}} & = \frac{1}{3} \int \frac{du}{1+u^{2}} & = \frac{2}{3} \int \frac{du}{1+u^{2}} & \frac{2}{3} \int \frac{du}{1+u^{2}} & = \frac{1}{3} \int \frac{du}{1+u^{2}} & \frac{2}{3} \int \frac{du}{1+u^{2}} & \frac{8n^{2}\pi}{3} + C. \\ & = \frac{5}{6} \cot (2 tan \frac{\pi}{2}) - \frac{2}{3} \cdot \frac{\pi}{2} + C = \frac{1}{6} \cot (2 tan \frac{\pi}{2}) - \frac{\pi}{3} + C. \\ & = \frac{5}{6} \cot (2 tan \frac{\pi}{2}) - \frac{2}{3} \cdot \frac{\pi}{2} + C = \frac{1}{6} \cot (2 tan \frac{\pi}{2}) - \frac{\pi}{3} + C. \\ & = \frac{5}{6} \cot (2 tan \frac{\pi}{2}) - \frac{2}{3} \cdot \frac{\pi}{2} + C = \frac{1}{6} \cot (2 tan \frac{\pi}{2}) - \frac{\pi}{3} + C. \\ & = \frac{5}{6} \cot (2 tan \frac{\pi}{2}) - \frac{2}{3} \cdot \frac{\pi}{2} + C = \frac{1}{6} \cot (2 tan \frac{\pi}{2}) - \frac{\pi}{3} + C. \\ & = \frac{5}{6} \cot (2 tan \frac{\pi}{2}) - \frac{2}{3} \cdot \frac{\pi}{2} + C = \frac{1}{6} \cot (2 tan \frac{\pi}{2}) - \frac{\pi}{3} + C. \\ & = \frac{5}{6} \cot (2 tan \frac{\pi}{2}) - \frac{2}{3} \cdot \frac{\pi}{2} + C = \frac{1}{6} \cot (2 tan \frac{\pi}{2}) - \frac{\pi}{3} + C. \\ & = \frac{5}{6} \cot (2 tan \frac{\pi}{2}) - \frac{1}{2} \cot (2 tan \frac{\pi}{2}) + C = \frac{1}{6} \cot (2 tan \frac{\pi}{2}) - \frac{1}{6} \cot (2 tan \frac{\pi}{2}) - \frac{\pi}{3} + C. \\ & = \frac{1}{6} \cot (2 tan \frac{\pi}{2}) - \frac{1}{6}$$