$$\frac{1}{2}\int_{0}^{1}\frac{|+s_{in}|}{|+s_{in}|}+c$$

$$=\int_{0}^{1}\frac{du}{|-s_{in}|}+\int_{0}^{1}\frac{du}{|+s_{in}|}+c$$

$$=\int_{0}^{1}\frac{du}{|-s_{in}|}+\int_{0}^{1}\frac{du}{|+s_{in}|}+\int_{0}^{1}\frac{du}{|+s_{in}|}+c$$

$$=\int_{0}^{1}\frac{du}{|-s_{in}|}+c$$





















