$$I = \int_{-1}^{1} \frac{x^{2} \cdot arctan x}{1 + x^{2} \cdot 1} dx$$

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c)
$$f = \int \frac{1}{\sqrt{x+1}} dx$$
 $u = \int x$
 $dx = u^{-1}$
 $dx = 2u du - 2 duu$
 $dx = 2u duu$
 $dx = 2u du - 2 duu$
 $dx = 2u duu$
 $dx = 2u du - 2 duu$
 dx

