





$$F'(x) = \frac{1}{x^2 + 1} = (arcton(x))^{\frac{1}{2}}$$

$$= \sum_{x \neq 1} \frac{1}{x^2 + 1} = arcton(x), \quad a_0$$

$$(arcton(x))^{\frac{1}{2}} = \frac{1}{(arcton(x))} = cos^{\frac{1}{2}}(arcton(x)) = \frac{1}{x^2 + 1}$$

$$= \sum_{x \neq 1} \frac{1}{x^2 + 1} dx + [x \cdot arcton(x)] = \frac{1}{x^2 + 1}$$

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$$= \sum_{x \neq 1} \frac{1}{x^2 + 1} dx + [x \cdot arcton$$