## Exempel 0.0.1

Bestäm:

$$\frac{1}{(4+x^2)^2}\,dx$$

...vi sätter  $u = arctan(\frac{x}{2})$ :

$$\frac{1}{(4+x^2)^2} \, dx = \frac{1}{8} \quad \cos^2 u \, du$$