

**Exempel 0.0.1** (Divergenta)

$$\begin{aligned} &\int_1^\infty \frac{1}{x} dx \\ &\int_1^\infty \frac{1}{\sqrt{x}} dx \\ &\int_0^1 \frac{1}{x} dx \\ &\int_0^1 \frac{1}{x^2} dx \end{aligned}$$