

1 Blocks in Beamer

Lists in Beamer

This is an unordered list:

- Question
- Solution

and this is an ordered list:

- 1 Question
- 2 Solution

Blocks in Beamer

Question

Evaluate $\int \tan^{-1}\sqrt{x} dx$

Solution

Let $I =$

$$\int \tan^{-1}\sqrt{x} dx$$

$$\Rightarrow \int \tan^{-1}\sqrt{x} \cdot 1 dx$$

$$\Rightarrow \tan^{-1}\sqrt{x} \cdot x - \int \frac{1}{1+x} \cdot x dx$$

$$\Rightarrow x \tan^{-1}\sqrt{x} - \int \frac{1+x-1}{1+x} dx$$

$$\Rightarrow x \tan^{-1}\sqrt{x} - \int \frac{1+x}{1+x} dx + \int \frac{1}{1+x} dx = x \tan^{-1}\sqrt{x} - x + \log(1+x) + c$$