

Primitives - Intégrales

Calcul de primitive :

```
> f:=x->sin(x)/(1+sqrt(2)*cos(x));
```

$$f := x \rightarrow \frac{\sin(x)}{1 + \sqrt{2} \cos(x)}$$

```
> int(f(x),x);
```

$$-\frac{1}{2} \sqrt{2} \ln(1 + \sqrt{2} \cos(x))$$

Calcul d'intégrale :

```
> f:=x->sin(x)/(1+sqrt(2)*cos(x));
```

$$f := x \rightarrow \frac{\sin(x)}{1 + \sqrt{2} \cos(x)}$$

```
> int(f(x),x=0..Pi/2);
```

$$\frac{1}{2} \ln(1 + \sqrt{2}) \sqrt{2}$$