Zobrazeni tecny

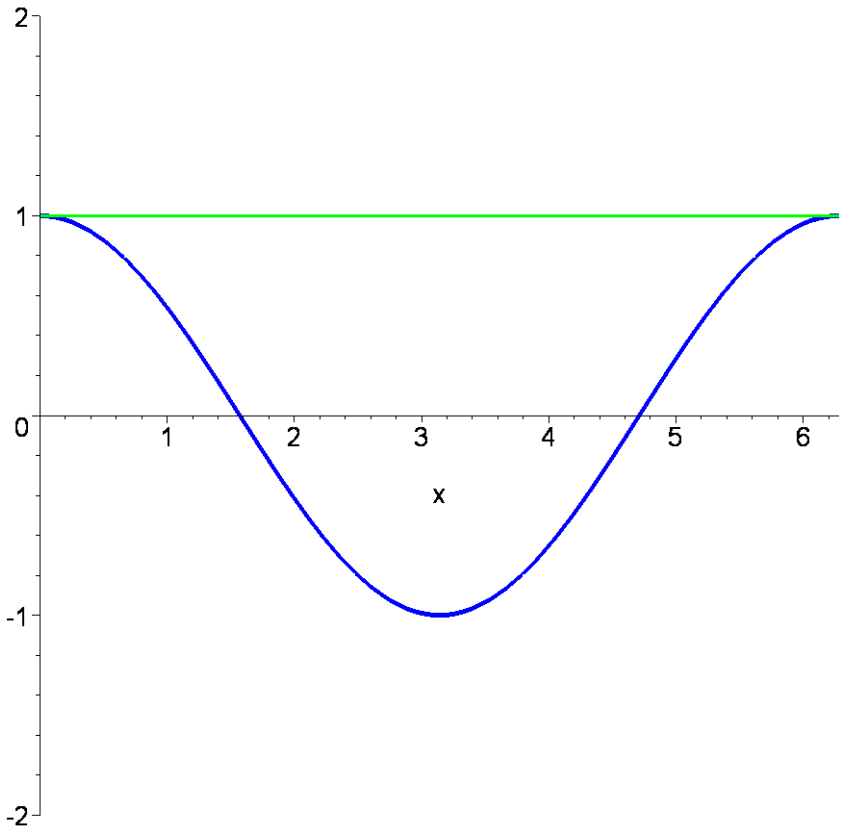
```
> with(plots):
> f:=x->cos(x);
```

$$f := x \to \cos(x)$$

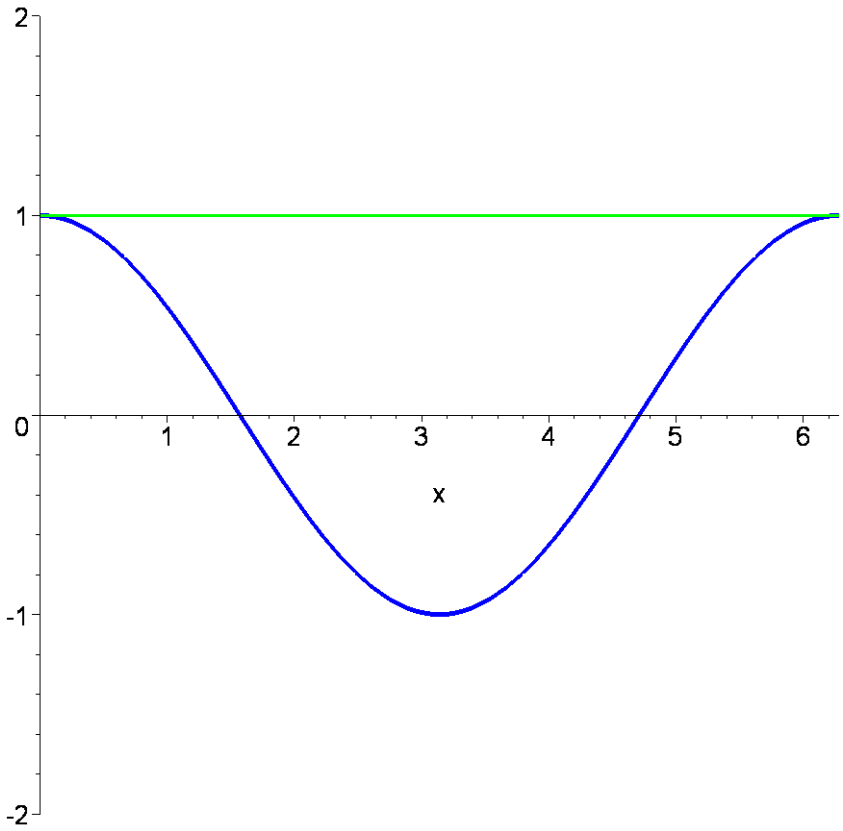
```
> df:=diff(f(x),x);
```

$$df := -\sin(x)$$

```
> G1:=plot(f(x),x=0..2*Pi,color=blue,thickness=5):
> tecna := proc(x0) local lin, G2:
> lin:=subs(x=x0,df)*(x-x0)+f(x0);
> G2:=plot(lin,x=0..2*Pi,-2..2,color=green,thickness=3):
> display({G1, G2}); end:
>
> display(tecna(0));
```




```
> plotik:=seq(display(tecna(i*2*Pi/10)), i=0..10):
> display(plotik, insequence=true);
>
```




```
>
> Credit:= "I&C, p. 112" ;
```

Credit := "I&C, p. 112"

```
>
>
```