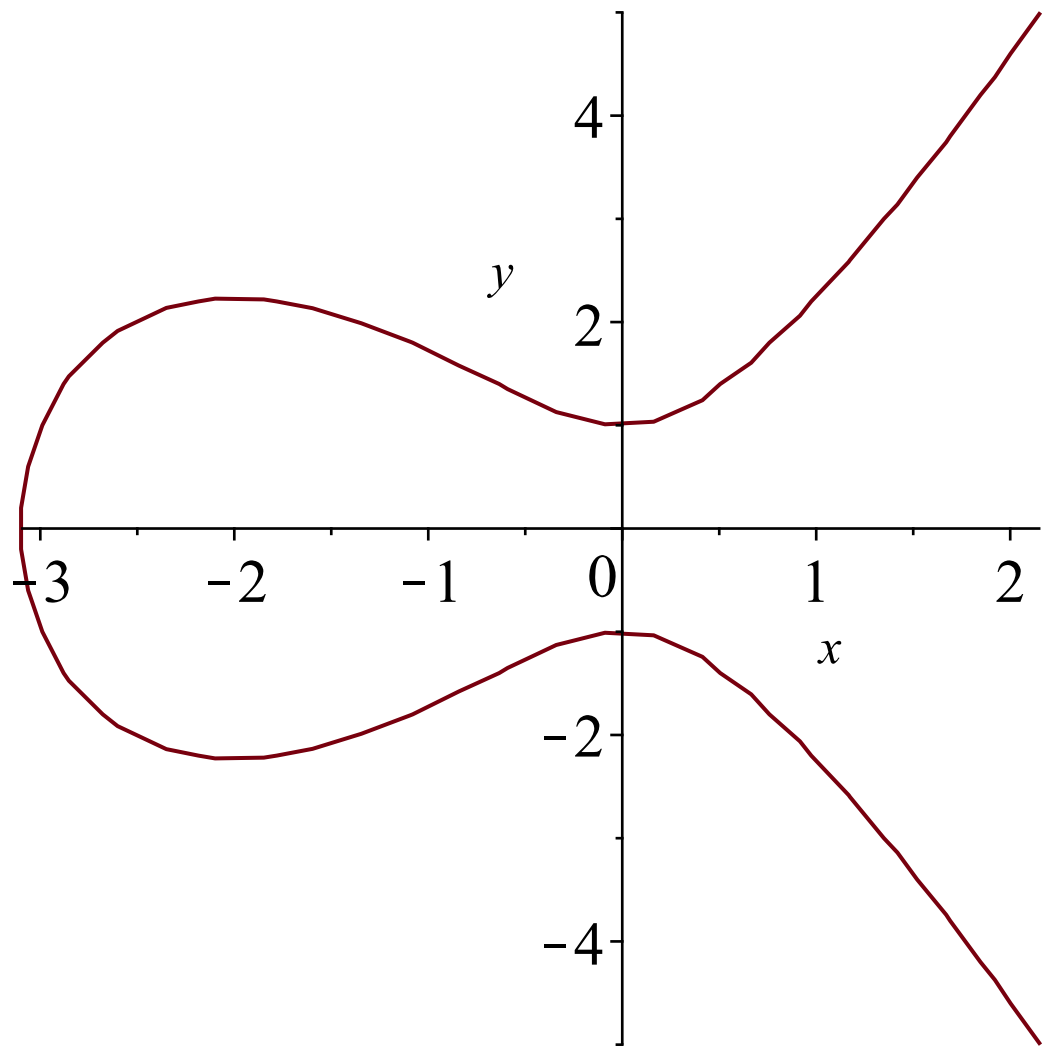


```
>
```

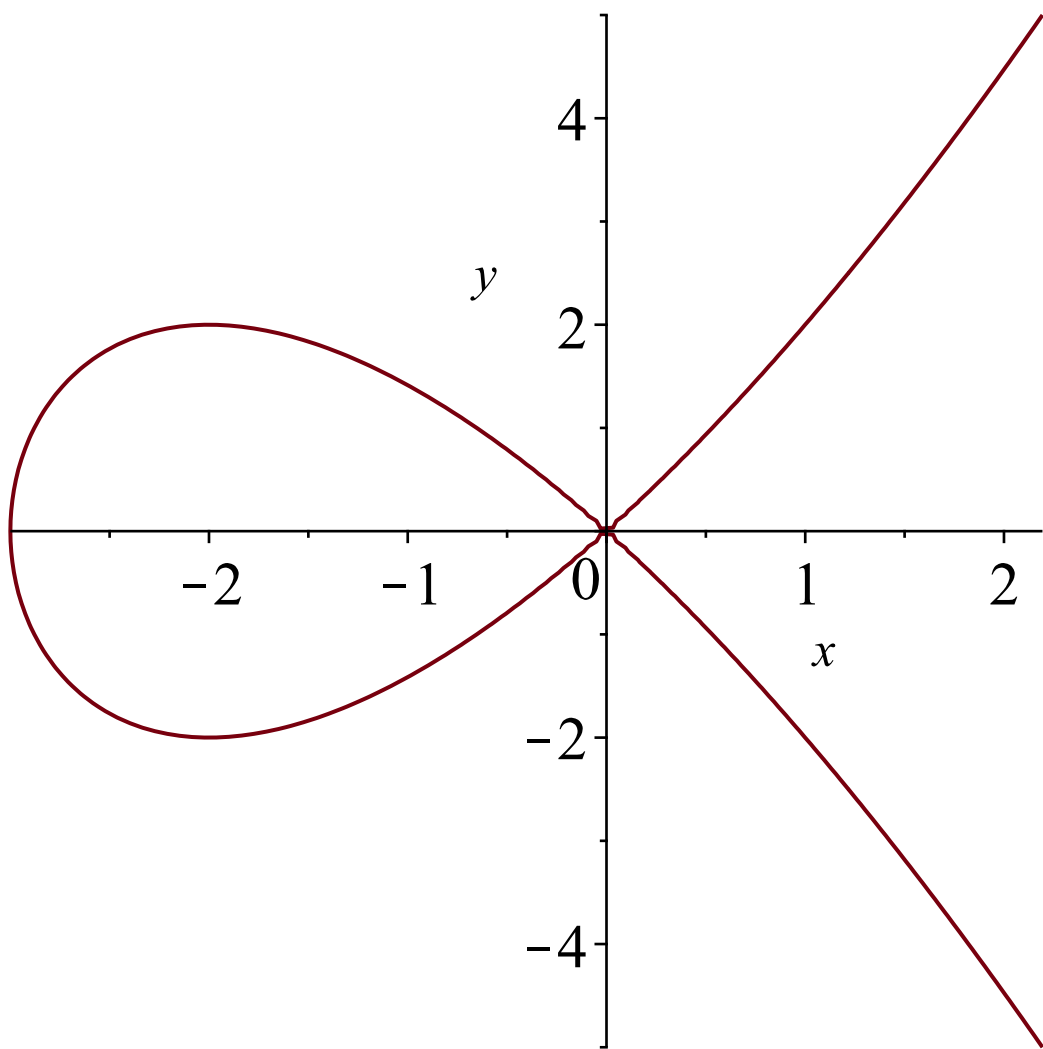
### 實習18.2

```
> with(plots) :
```

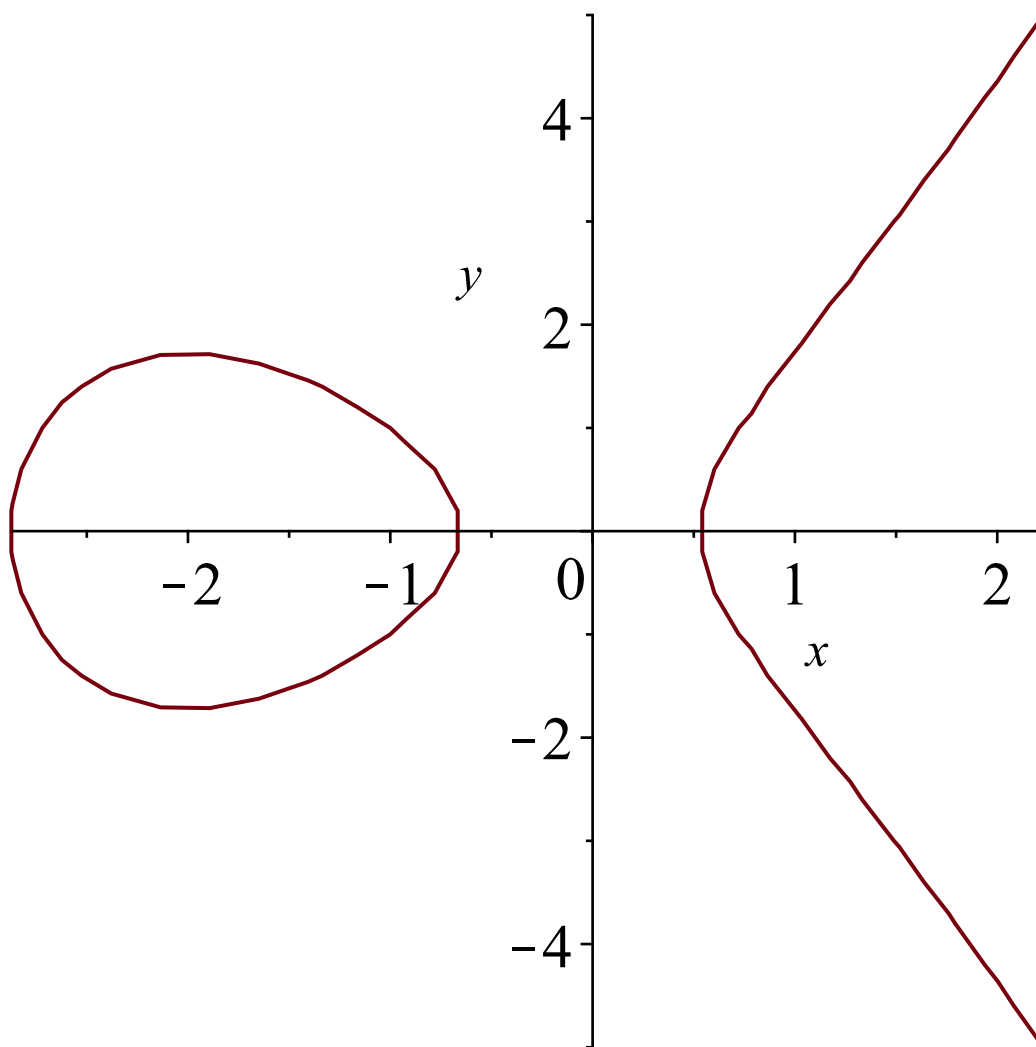
```
> implicitplot( $x^3 + 3 \cdot x^2 - y^2 = -1$ ,  $x = -5 .. 5$ ,  $y = -5 .. 5$ )
```



```
> implicitplot( $x^3 + 3 \cdot x^2 - y^2 = 0$ ,  $x = -5 .. 5$ ,  $y = -5 .. 5$ , numpoints = 10000)
```



```
> implicitplot(x3 + 3·x2 - y2 = 1, x=-5..5, y=-5..5)
```



```
> f := (x, y) -> x3 + 3·x2 - y2
```

```
      f := (x, y) ↦ x3 + 3x2 - y2
```

```
> plot3d(f(x, y), x=-5..5, y=-5..5, style=patchcontour, contours=100)
```

(1)

