

Vrstevnice na grafu - koreny rovnice

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

```
> f:=(x,y)->exp(-(x^2+y^2));
```

$$f := (x, y) \rightarrow e^{-(x^2 - y^2)}$$

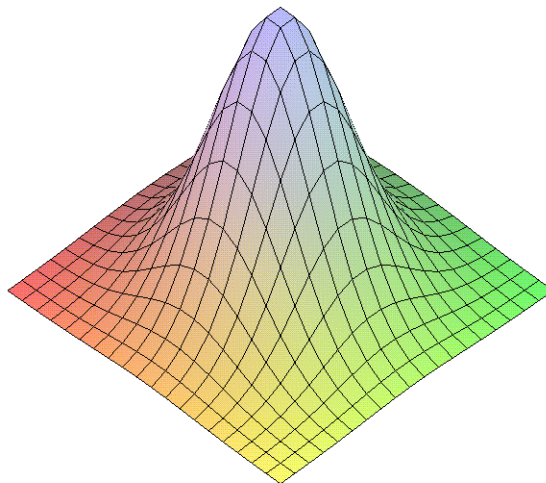
```
> zona:=-2..2;
```

$$\text{zona} := -2 .. 2$$

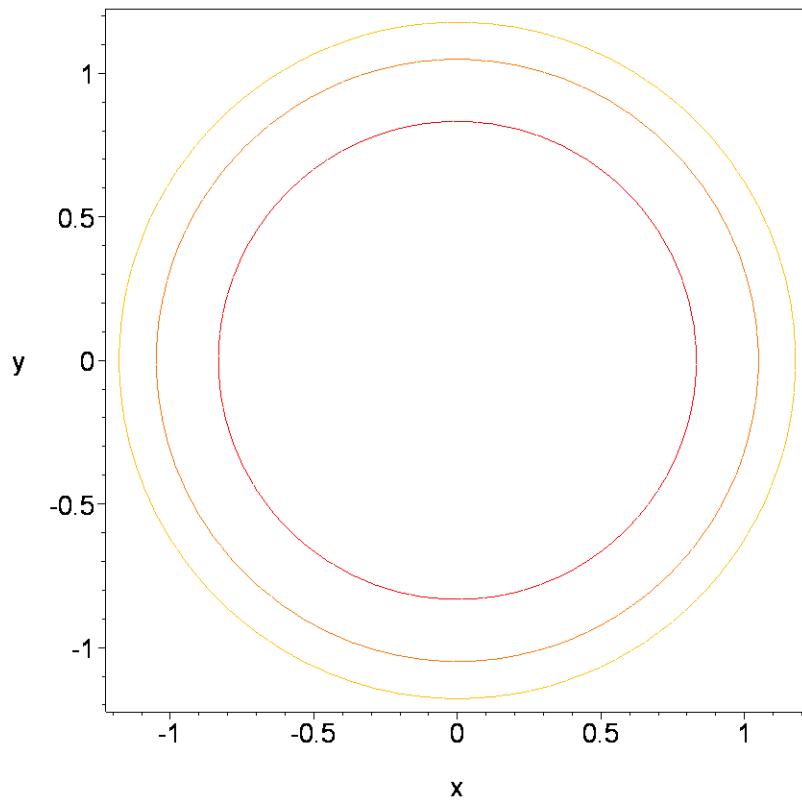
```
> C:=[1/2,1/3,1/4];
```

$$C := \left[\frac{1}{2}, \frac{1}{3}, \frac{1}{4} \right]$$

```
> plot3d(f(x,y),x=zona,y=zona,grid=[20,20]);
```



```
> contourplot(f(x,y),x=zona,y=zona,grid=[50,50],  
axes=boxed,contours=C);
```



```
[ > Credit:= "I&C, p. 103";
```