

Graficke reseni rovnice $f(x) = g(x)$

```
> with(plots):  
f:=x->x^2;  
g:=x->1;  
grafy:=[f(x),g(x)];  
cary:=plot(grafy,x=-2..2,-1..5,color=[green,blue],thickness=[3,3]  
):  
reseni:=[fsolve(f(x)=g(x),x)];  
for i from 1 to nops(reseni) do  
hodnota[i]:=eval(f(x),x=reseni[i]); od;  
body:=[seq([reseni[i],hodnota[i]],i=1..nops(reseni))];  
  
bodiky:=pointplot(body,color=red,symbol=circle,symbolsize=30):  
display({cary, bodiky});
```

$$f := x \rightarrow x^2$$

$$g := x \rightarrow 1$$

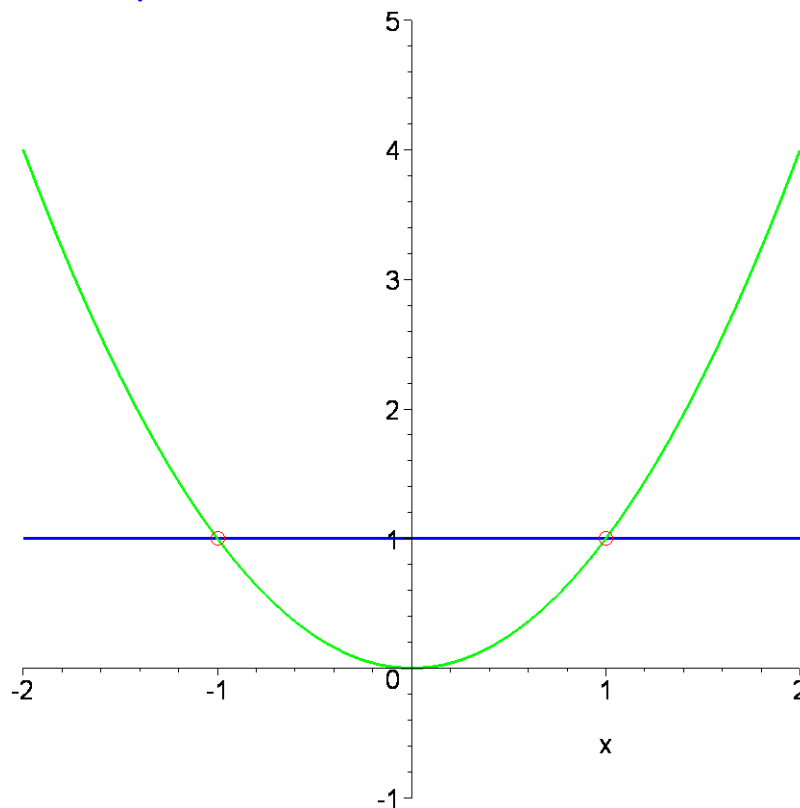
$$\text{grafy} := [x^2, 1]$$

$$\text{reseni} := [-1.000000000, 1.]$$

$$\text{hodnota}_1 := 1.000000000$$

$$\text{hodnota}_2 := 1.$$

$$\text{body} := [[-1.000000000, 1.000000000], [1., 1.]]$$



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> Credit:= "I&C, p. 92";
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>
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