

Definici ni obor funkce lze zkoumat jako dve nerovnosti

```
> f:=x->log(x);
```

$f := x \rightarrow \log(x)$

```
> a:=solve(f(x)>0,x);
```

$a := \text{RealRange}(\text{Open}(1), \infty)$

```
> b:=solve(f(x)<0,x);
```

$b := \text{RealRange}(\text{Open}(0), \text{Open}(1))$

```
> a union b;
```

$\text{RealRange}(\text{Open}(0), \text{Open}(1)) \cup \text{RealRange}(\text{Open}(1), \infty)$

```
> simplify (%);
```

$\text{RealRange}(\text{Open}(0), \text{Open}(1)) \cup \text{RealRange}(\text{Open}(1), \infty)$

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