Jednostranne limity

```
> f:=x->1/x;
```

$$f := x \to \frac{1}{x}$$

```
> limit(f(x), x=0,right);
```

$$\infty$$

```
> limit(f(x), x=0,left);
```

$$-\infty$$

```
>
>
>
```

Podobne pro signum

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

$$f := x \to \mathrm{signum}(x)$$

```
> limit(f(x), x=0,left);
```

$$-1$$

Pokud limita neexistuje, dostanem interval liminf limsup:

```
> f:=x->sin(1/x);
```

$$f := x \to \sin\left(\frac{1}{x}\right)$$

```
> limit(f(x), x=0,left);
```

$$-1 .. 1$$

```
>
>
>
>
```