

Konvergence pomoci podiloveho kriteria

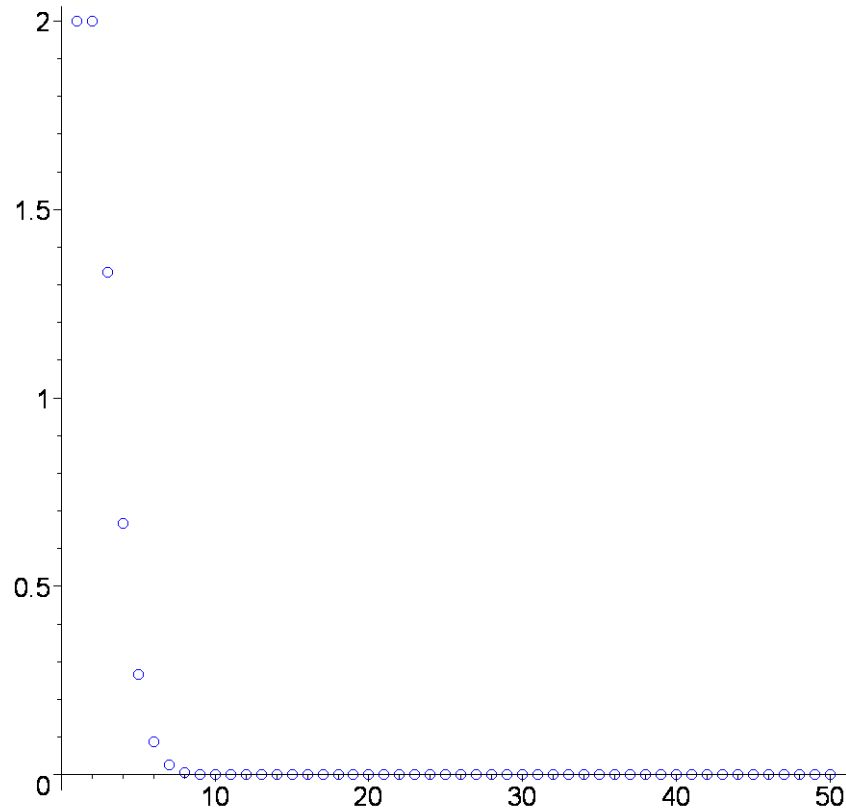
```
> rada:=n->2^n/n!;
```

$$rada := n \rightarrow \frac{2^n}{n!}$$

```
>
```

```
> body := [seq([i, rada(i)], i=1..50)];
```

```
> plot(body, style=POINT, color=blue, symbol=circle,  
symbolsize=20);
```



```
>
```

```
> podil := simplify(rada(i+1)/rada(i));
```

$$podil := \frac{2}{i+1}$$

```
> kriterium:=limit(podil,i=infinity);
```

$$kriterium := 0$$

```
> soucet:=sum(rada(i),i=1..infinity);
```

$$soucet := e^2 - 1$$

```
>
```

```
> Credit:= "I&C, p. 121" ;
```

$$Credit := "I&C, p. 121"$$

```
>
```

```
>
```