
Subject: Re: sqrt in legend() crossing power index
Posted by [wlandsman](#) on Thu, 12 May 2016 19:52:27 GMT
[View Forum Message](#) <> [Reply to Message](#)

You can make the exponent smaller with the !E positioning command

```
p=plot([0,1],[0,1],name='best fit function 2.35w$\sqrt{N!E^2!N + EF\slash w}$')
```

though it still overlaps the square root top bar.

I'd probably just write out "SQRT()" rather than make the symbol. --Wayne

On Thursday, May 12, 2016 at 1:26:20 PM UTC-4, Gregory wrote:

```
> I am trying to write something on a plot, and using \sqrt{} in latex mode in legend() function
> produces somewhat annoying appearance - sqrt feature crosses power index: it can be seen in
the example below.
>
> p=plot([0,1],[0,1],name='best fit function 2.35w$\sqrt{N^2 + EF\slash w}$')
> legend=legend(target=[p],pos=[0.8,0.3])
>
> Anyone knows how to fix that?
> I am using idl8.3 in this case.
```
