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Subject: Re: sqrt in legend() crossing power index

Posted by [lecacheux.alain](#) on Fri, 13 May 2016 09:39:22 GMT

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Le jeudi 12 mai 2016 21:52:30 UTC+2, wlandsman a écrit :

> 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!E2!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.

Another solution might be to write:  $2.35w\{(N^2 + EF\slash w)^{1/2}\}$   
alx.

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