

`$|x|^n$`:  $|x|^n$

`$$\bigl |x^n\bigr |$`:  $|x^n|$

`$$\big |x^n\big |$`:  $|x^n|$

`$$\Big |x^n\Big |$`:  $|x^n|$

`$$\Bigl |x^n\Bigr |$`:  $|x^n|$

`$$\biggl |x^n\biggr |$`:  $|x^n|$

`$$\Biggl |x^n\Biggr |$`:  $|x^n|$

`$$|x^n|$`:  $|x^n|$  Would have expected  $\|x^n\|$ .

`$$\bigl \|x^n\bigr \|$`:  $|x^n|$  Would have expected  $\|x^n\|$ .