

Test of the `altsubsup` package

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1 Loading the package

```
\usepackage{altsubsup}
```

2 Using the package

2.1 Default configuration

input	<code>x_a^b</code>	<code>x_{ab, c}^{de, f}</code>	<code>x_{ab, c}^{[de, f]}</code>
result	x_a^b	$x_{ab,c}^{de,f}$	$x_{ab,c}^{de, f}$

2.2 Change superscript and subscript commands

```
% \text command from amstext package
% \color command from xcolor package
\newcommand{\bluecolor}[1]{\text{\color{blue}#1}}
\newcommand{\redcolor}[1]{\text{\color{red}#1}}
\SetAltSubscriptCommand{\bluecolor}
\SetAltSuperscriptCommand{\redcolor}
```

input	<code>x_a^b</code>	<code>x_{ab, c}^{de, f}</code>	<code>x_{ab, c}^{[de, f]}</code>
result	x_a^b	$x_{ab,c}^{de,f}$	$x_{ab,c}^{\text{de, f}}$

```
\SetAltSubSupCommands{\mathbf}
```

input	<code>x_a^b</code>	<code>x_{ab, c}^{de, f}</code>	<code>x_{ab, c}^{[de, f]}</code>
result	x_a^b	$x_{ab,c}^{de,f}$	$x_{ab,c}^{\text{de,f}}$

3 Ensure that prime symbol's still working

3.1 Standard command

input	x'^2	x''^2	$x'''\sup$
result	x'^2	x''^2	$x'''sup$

3.2 Alternate brackets command

input	$x'^{[sup]}$	$\{x'\}^{[sup]}$
result	$x'^{[sup]}$	x'^{sup}
