

# Test of the `altsubsup` package

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January 23, 2022

## 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

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

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