

## CHARACTER TABLES FOR NON AXIAL POINT GROUPS

### Character table for C<sub>1</sub> point group

	<b>E</b>
<b>A</b>	1

### Character table for C<sub>s</sub> point group

	<b>E</b>	$\sigma_h$	<b>Linear Functions, Rotations</b>	<b>Quadratic</b>
<b>A'</b>	1	1	x, y, R <sub>z</sub>	x <sup>2</sup> , y <sup>2</sup> , z <sup>2</sup> , xy
<b>A''</b>	1	-1	z, R <sub>x</sub> , R <sub>y</sub>	yz, xz

### Character table for C<sub>i</sub> point group

	<b>E</b>	<b>i</b>	<b>Linear Functions, Rotations</b>	<b>Quadratic</b>
<b>A<sub>g</sub></b>	1	1	R <sub>x</sub> , R <sub>y</sub> , R <sub>z</sub>	x <sup>2</sup> , y <sup>2</sup> , z <sup>2</sup> , xy, xz, yz
<b>A<sub>u</sub></b>	1	-1	x, y, z	