High temperature Bi_2MoO_6 Structure: A2BC6_mP144_14_8e_4e_24e-001

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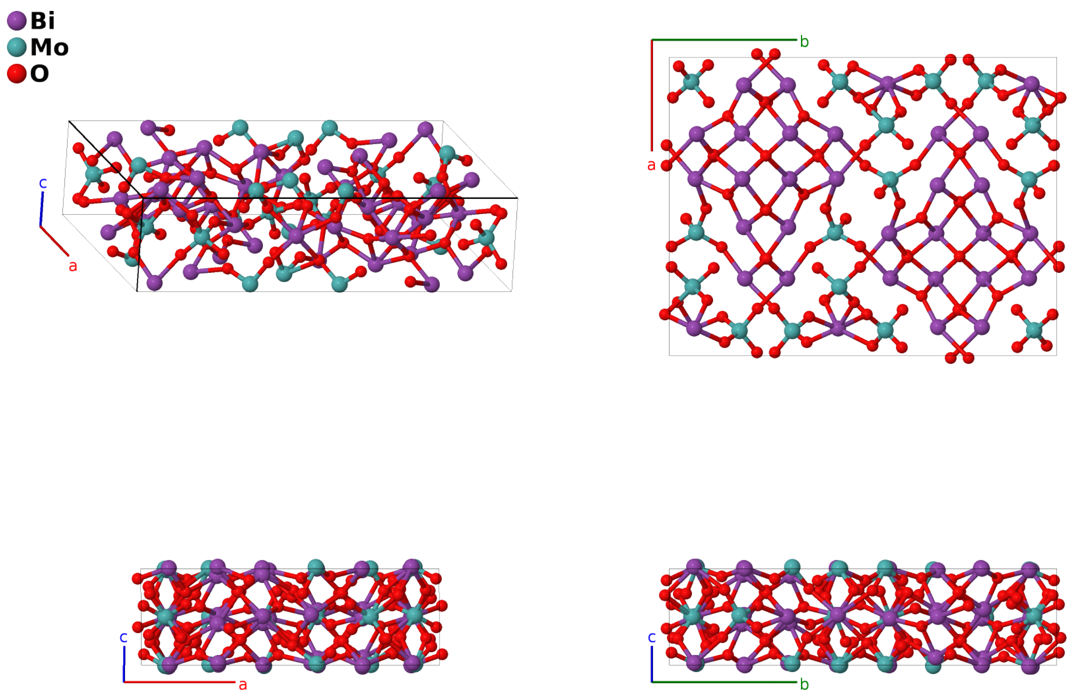
https://aflow.org/p/UYPX

https://aflow.org/p/A2BC6_mP144_14_8e_4e_24e-001



Prototype Bi_2MoO_6

AFLOW prototype label A2BC6_mP144_14_8e_4e_24e-001

ICSD 78179

Pearson symbol mP144

Space group number 14

Space group symbol $P2_1/c$

AFLOW prototype command `aflow --proto=A2BC6_mP144_14_8e_4e_24e-001`
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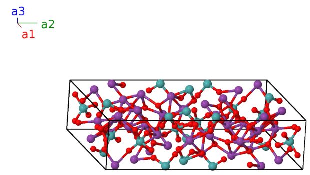
- This is the high temperature monoclinic structure of Bi_2MoO_6, stable above 896°C. Below that it transforms to the room-temperature koechlinite structure (Villars, 2018).

Simple Monoclinic primitive vectors

$$\mathbf{a_1} = a\,\hat{\mathbf{x}}$$
$$\mathbf{a_2} = b\,\hat{\mathbf{y}}$$
$$\mathbf{a_3} = c\cos\beta\,\hat{\mathbf{x}} + c\sin\beta\,\hat{\mathbf{z}}$$



Basis vectors

		Lattice coordinates		Cartesian coordinates	Wyckoff position	Atom type
$\mathbf{B_1}$	=	$x_1\,\mathbf{a}_1 + y_1\,\mathbf{a}_2 + z_1\,\mathbf{a}_3$	=	$\left(ax_1 + cz_1\cos\beta\right)\,\hat{\mathbf{x}} + by_1\,\hat{\mathbf{y}} + cz_1\sin\beta\,\hat{\mathbf{z}}$	(4e)	Bi I
$\mathbf{B_2}$	=	$-x_1\,\mathbf{a}_1 + \left(y_1 + \frac{1}{2}\right)\,\mathbf{a}_2 - \left(z_1 - \frac{1}{2}\right)\,\mathbf{a}_3$	=	$-\left(ax_1 + c\left(z_1 - \frac{1}{2}\right)\cos\beta\right)\,\hat{\mathbf{x}} + b\left(y_1 + \frac{1}{2}\right)\,\hat{\mathbf{y}} - c\left(z_1 - \frac{1}{2}\right)\sin\beta\,\hat{\mathbf{z}}$	(4e)	Bi I
$\mathbf{B_3}$	=	$-x_1\,\mathbf{a}_1 - y_1\,\mathbf{a}_2 - z_1\,\mathbf{a}_3$	=	$-\left(ax_1 + cz_1\cos\beta\right)\,\hat{\mathbf{x}} - by_1\,\hat{\mathbf{y}} - cz_1\sin\beta\,\hat{\mathbf{z}}$	(4e)	Bi I
$\mathbf{B_4}$	=	$x_1\,\mathbf{a}_1 - \left(y_1 - \frac{1}{2}\right)\,\mathbf{a}_2 + \left(z_1 + \frac{1}{2}\right)\,\mathbf{a}_3$	=	$\left(ax_1 + c\left(z_1 + \frac{1}{2}\right)\cos\beta\right)\,\hat{\mathbf{x}} - b\left(y_1 - \frac{1}{2}\right)\,\hat{\mathbf{y}} + c\left(z_1 + \frac{1}{2}\right)\sin\beta\,\hat{\mathbf{z}}$	(4e)	Bi I
$\mathbf{B_5}$	=	$x_2\,\mathbf{a}_1 + y_2\,\mathbf{a}_2 + z_2\,\mathbf{a}_3$	=	$\left(ax_2 + cz_2\cos\beta\right)\,\hat{\mathbf{x}} + by_2\,\hat{\mathbf{y}} + cz_2\sin\beta\,\hat{\mathbf{z}}$	(4e)	Bi II
$\mathbf{B_6}$	=	$-x_2\,\mathbf{a}_1 + \left(y_2 + \frac{1}{2}\right)\,\mathbf{a}_2 - \left(z_2 - \frac{1}{2}\right)\,\mathbf{a}_3$	=	$-\left(ax_2 + c\left(z_2 - \frac{1}{2}\right)\cos\beta\right)\,\hat{\mathbf{x}} + b\left(y_2 + \frac{1}{2}\right)\,\hat{\mathbf{y}} - c\left(z_2 - \frac{1}{2}\right)\sin\beta\,\hat{\mathbf{z}}$	(4e)	Bi II
$\mathbf{B_7}$	=	$-x_2\,\mathbf{a}_1 - y_2\,\mathbf{a}_2 - z_2\,\mathbf{a}_3$	=	$-\left(ax_2 + cz_2\cos\beta\right)\,\hat{\mathbf{x}} - by_2\,\hat{\mathbf{y}} - cz_2\sin\beta\,\hat{\mathbf{z}}$	(4e)	Bi II
$\mathbf{B_8}$	=	$x_2\,\mathbf{a}_1 - \left(y_2 - \frac{1}{2}\right)\,\mathbf{a}_2 + \left(z_2 + \frac{1}{2}\right)\,\mathbf{a}_3$	=	$\left(ax_2 + c\left(z_2 + \frac{1}{2}\right)\cos\beta\right)\,\hat{\mathbf{x}} - b\left(y_2 - \frac{1}{2}\right)\,\hat{\mathbf{y}} + c\left(z_2 + \frac{1}{2}\right)\sin\beta\,\hat{\mathbf{z}}$	(4e)	Bi II
$\mathbf{B_9}$	=	$x_3\,\mathbf{a}_1 + y_3\,\mathbf{a}_2 + z_3\,\mathbf{a}_3$	=	$\left(ax_3 + cz_3\cos\beta\right)\,\hat{\mathbf{x}} + by_3\,\hat{\mathbf{y}} + cz_3\sin\beta\,\hat{\mathbf{z}}$	(4e)	Bi III
$\mathbf{B_{10}}$	=	$-x_3\,\mathbf{a}_1 + \left(y_3 + \frac{1}{2}\right)\,\mathbf{a}_2 - \left(z_3 - \frac{1}{2}\right)\,\mathbf{a}_3$	=	$-\left(ax_3 + c\left(z_3 - \frac{1}{2}\right)\cos\beta\right)\,\hat{\mathbf{x}} + b\left(y_3 + \frac{1}{2}\right)\,\hat{\mathbf{y}} - c\left(z_3 - \frac{1}{2}\right)\sin\beta\,\hat{\mathbf{z}}$	(4e)	Bi III
$\mathbf{B_{11}}$	=	$-x_3\,\mathbf{a}_1 - y_3\,\mathbf{a}_2 - z_3\,\mathbf{a}_3$	=	$-\left(ax_3 + cz_3\cos\beta\right)\,\hat{\mathbf{x}} - by_3\,\hat{\mathbf{y}} - cz_3\sin\beta\,\hat{\mathbf{z}}$	(4e)	Bi III
$\mathbf{B_{12}}$	=	$x_3\,\mathbf{a}_1 - \left(y_3 - \frac{1}{2}\right)\,\mathbf{a}_2 + \left(z_3 + \frac{1}{2}\right)\,\mathbf{a}_3$	=	$\left(ax_3 + c\left(z_3 + \frac{1}{2}\right)\cos\beta\right)\,\hat{\mathbf{x}} - b\left(y_3 - \frac{1}{2}\right)\,\hat{\mathbf{y}} + c\left(z_3 + \frac{1}{2}\right)\sin\beta\,\hat{\mathbf{z}}$	(4e)	Bi III
$\mathbf{B_{13}}$	=	$x_4\,\mathbf{a}_1 + y_4\,\mathbf{a}_2 + z_4\,\mathbf{a}_3$	=	$\left(ax_4 + cz_4\cos\beta\right)\,\hat{\mathbf{x}} + by_4\,\hat{\mathbf{y}} + cz_4\sin\beta\,\hat{\mathbf{z}}$	(4e)	Bi IV
$\mathbf{B_{14}}$	=	$-x_4\,\mathbf{a}_1 + \left(y_4 + \frac{1}{2}\right)\,\mathbf{a}_2 - \left(z_4 - \frac{1}{2}\right)\,\mathbf{a}_3$	=	$-\left(ax_4 + c\left(z_4 - \frac{1}{2}\right)\cos\beta\right)\,\hat{\mathbf{x}} + b\left(y_4 + \frac{1}{2}\right)\,\hat{\mathbf{y}} - c\left(z_4 - \frac{1}{2}\right)\sin\beta\,\hat{\mathbf{z}}$	(4e)	Bi IV
$\mathbf{B_{15}}$	=	$-x_4\,\mathbf{a}_1 - y_4\,\mathbf{a}_2 - z_4\,\mathbf{a}_3$	=	$-\left(ax_4 + cz_4\cos\beta\right)\,\hat{\mathbf{x}} - by_4\,\hat{\mathbf{y}} - cz_4\sin\beta\,\hat{\mathbf{z}}$	(4e)	Bi IV
$\mathbf{B_{16}}$	=	$x_4\,\mathbf{a}_1 - \left(y_4 - \frac{1}{2}\right)\,\mathbf{a}_2 + \left(z_4 + \frac{1}{2}\right)\,\mathbf{a}_3$	=	$\left(ax_4 + c\left(z_4 + \frac{1}{2}\right)\cos\beta\right)\,\hat{\mathbf{x}} - b\left(y_4 - \frac{1}{2}\right)\,\hat{\mathbf{y}} + c\left(z_4 + \frac{1}{2}\right)\sin\beta\,\hat{\mathbf{z}}$	(4e)	Bi IV
$\mathbf{B_{17}}$	=	$x_5\,\mathbf{a}_1 + y_5\,\mathbf{a}_2 + z_5\,\mathbf{a}_3$	=	$\left(ax_5 + cz_5\cos\beta\right)\,\hat{\mathbf{x}} + by_5\,\hat{\mathbf{y}} + cz_5\sin\beta\,\hat{\mathbf{z}}$	(4e)	Bi V
$\mathbf{B_{18}}$	=	$-x_5\,\mathbf{a}_1 + \left(y_5 + \frac{1}{2}\right)\,\mathbf{a}_2 - \left(z_5 - \frac{1}{2}\right)\,\mathbf{a}_3$	=	$-\left(ax_5 + c\left(z_5 - \frac{1}{2}\right)\cos\beta\right)\,\hat{\mathbf{x}} + b\left(y_5 + \frac{1}{2}\right)\,\hat{\mathbf{y}} - c\left(z_5 - \frac{1}{2}\right)\sin\beta\,\hat{\mathbf{z}}$	(4e)	Bi V
$\mathbf{B_{19}}$	=	$-x_5\,\mathbf{a}_1 - y_5\,\mathbf{a}_2 - z_5\,\mathbf{a}_3$	=	$-\left(ax_5 + cz_5\cos\beta\right)\,\hat{\mathbf{x}} - by_5\,\hat{\mathbf{y}} - cz_5\sin\beta\,\hat{\mathbf{z}}$	(4e)	Bi V
$\mathbf{B_{20}}$	=	$x_5\,\mathbf{a}_1 - \left(y_5 - \frac{1}{2}\right)\,\mathbf{a}_2 + \left(z_5 + \frac{1}{2}\right)\,\mathbf{a}_3$	=	$\left(ax_5 + c\left(z_5 + \frac{1}{2}\right)\cos\beta\right)\,\hat{\mathbf{x}} - b\left(y_5 - \frac{1}{2}\right)\,\hat{\mathbf{y}} + c\left(z_5 + \frac{1}{2}\right)\sin\beta\,\hat{\mathbf{z}}$	(4e)	Bi V

$\mathbf{B_{21}}$	=	$x_6\,\mathbf{a}_1 + y_6\,\mathbf{a}_2 + z_6\,\mathbf{a}_3$	=	$\left(ax_6 + cz_6\cos\beta\right)\,\hat{\mathbf{x}} + by_6\,\hat{\mathbf{y}} + cz_6\sin\beta\,\hat{\mathbf{z}}$	(4e)	Bi VI
$\mathbf{B_{22}}$	=	$-x_6\,\mathbf{a}_1 + \left(y_6 + \frac{1}{2}\right)\,\mathbf{a}_2 - \left(z_6 - \frac{1}{2}\right)\,\mathbf{a}_3$	=	$-\left(ax_6 + c\left(z_6 - \frac{1}{2}\right)\cos\beta\right)\,\hat{\mathbf{x}} + b\left(y_6 + \frac{1}{2}\right)\,\hat{\mathbf{y}} - c\left(z_6 - \frac{1}{2}\right)\sin\beta\,\hat{\mathbf{z}}$	(4e)	Bi VI
$\mathbf{B_{23}}$	=	$-x_6\,\mathbf{a}_1 - y_6\,\mathbf{a}_2 - z_6\,\mathbf{a}_3$	=	$-\left(ax_6 + cz_6\cos\beta\right)\,\hat{\mathbf{x}} - by_6\,\hat{\mathbf{y}} - cz_6\sin\beta\,\hat{\mathbf{z}}$	(4e)	Bi VI
$\mathbf{B_{24}}$	=	$x_6\,\mathbf{a}_1 - \left(y_6 - \frac{1}{2}\right)\,\mathbf{a}_2 + \left(z_6 + \frac{1}{2}\right)\,\mathbf{a}_3$	=	$\left(ax_6 + c\left(z_6 + \frac{1}{2}\right)\cos\beta\right)\,\hat{\mathbf{x}} - b\left(y_6 - \frac{1}{2}\right)\,\hat{\mathbf{y}} + c\left(z_6 + \frac{1}{2}\right)\sin\beta\,\hat{\mathbf{z}}$	(4e)	Bi VI
$\mathbf{B_{25}}$	=	$x_7\,\mathbf{a}_1 + y_7\,\mathbf{a}_2 + z_7\,\mathbf{a}_3$	=	$\left(ax_7 + cz_7\cos\beta\right)\,\hat{\mathbf{x}} + by_7\,\hat{\mathbf{y}} + cz_7\sin\beta\,\hat{\mathbf{z}}$	(4e)	Bi VII
$\mathbf{B_{26}}$	=	$-x_7\,\mathbf{a}_1 + \left(y_7 + \frac{1}{2}\right)\,\mathbf{a}_2 - \left(z_7 - \frac{1}{2}\right)\,\mathbf{a}_3$	=	$-\left(ax_7 + c\left(z_7 - \frac{1}{2}\right)\cos\beta\right)\,\hat{\mathbf{x}} + b\left(y_7 + \frac{1}{2}\right)\,\hat{\mathbf{y}} - c\left(z_7 - \frac{1}{2}\right)\sin\beta\,\hat{\mathbf{z}}$	(4e)	Bi VII
$\mathbf{B_{27}}$	=	$-x_7\,\mathbf{a}_1 - y_7\,\mathbf{a}_2 - z_7\,\mathbf{a}_3$	=	$-\left(ax_7 + cz_7\cos\beta\right)\,\hat{\mathbf{x}} - by_7\,\hat{\mathbf{y}} - cz_7\sin\beta\,\hat{\mathbf{z}}$	(4e)	Bi VII
$\mathbf{B_{28}}$	=	$x_7\,\mathbf{a}_1 - \left(y_7 - \frac{1}{2}\right)\,\mathbf{a}_2 + \left(z_7 + \frac{1}{2}\right)\,\mathbf{a}_3$	=	$\left(ax_7 + c\left(z_7 + \frac{1}{2}\right)\cos\beta\right)\,\hat{\mathbf{x}} - b\left(y_7 - \frac{1}{2}\right)\,\hat{\mathbf{y}} + c\left(z_7 + \frac{1}{2}\right)\sin\beta\,\hat{\mathbf{z}}$	(4e)	Bi VII
$\mathbf{B_{29}}$	=	$x_8\,\mathbf{a}_1 + y_8\,\mathbf{a}_2 + z_8\,\mathbf{a}_3$	=	$\left(ax_8 + cz_8\cos\beta\right)\,\hat{\mathbf{x}} + by_8\,\hat{\mathbf{y}} + cz_8\sin\beta\,\hat{\mathbf{z}}$	(4e)	Bi VIII
$\mathbf{B_{30}}$	=	$-x_8\,\mathbf{a}_1 + \left(y_8 + \frac{1}{2}\right)\,\mathbf{a}_2 - \left(z_8 - \frac{1}{2}\right)\,\mathbf{a}_3$	=	$-\left(ax_8 + c\left(z_8 - \frac{1}{2}\right)\cos\beta\right)\,\hat{\mathbf{x}} + b\left(y_8 + \frac{1}{2}\right)\,\hat{\mathbf{y}} - c\left(z_8 - \frac{1}{2}\right)\sin\beta\,\hat{\mathbf{z}}$	(4e)	Bi VIII
$\mathbf{B_{31}}$	=	$-x_8\,\mathbf{a}_1 - y_8\,\mathbf{a}_2 - z_8\,\mathbf{a}_3$	=	$-\left(ax_8 + cz_8\cos\beta\right)\,\hat{\mathbf{x}} - by_8\,\hat{\mathbf{y}} - cz_8\sin\beta\,\hat{\mathbf{z}}$	(4e)	Bi VIII
$\mathbf{B_{32}}$	=	$x_8\,\mathbf{a}_1 - \left(y_8 - \frac{1}{2}\right)\,\mathbf{a}_2 + \left(z_8 + \frac{1}{2}\right)\,\mathbf{a}_3$	=	$\left(ax_8 + c\left(z_8 + \frac{1}{2}\right)\cos\beta\right)\,\hat{\mathbf{x}} - b\left(y_8 - \frac{1}{2}\right)\,\hat{\mathbf{y}} + c\left(z_8 + \frac{1}{2}\right)\sin\beta\,\hat{\mathbf{z}}$	(4e)	Bi VIII
$\mathbf{B_{33}}$	=	$x_9\,\mathbf{a}_1 + y_9\,\mathbf{a}_2 + z_9\,\mathbf{a}_3$	=	$\left(ax_9 + cz_9\cos\beta\right)\,\hat{\mathbf{x}} + by_9\,\hat{\mathbf{y}} + cz_9\sin\beta\,\hat{\mathbf{z}}$	(4e)	Mo I
$\mathbf{B_{34}}$	=	$-x_9\,\mathbf{a}_1 + \left(y_9 + \frac{1}{2}\right)\,\mathbf{a}_2 - \left(z_9 - \frac{1}{2}\right)\,\mathbf{a}_3$	=	$-\left(ax_9 + c\left(z_9 - \frac{1}{2}\right)\cos\beta\right)\,\hat{\mathbf{x}} + b\left(y_9 + \frac{1}{2}\right)\,\hat{\mathbf{y}} - c\left(z_9 - \frac{1}{2}\right)\sin\beta\,\hat{\mathbf{z}}$	(4e)	Mo I
$\mathbf{B_{35}}$	=	$-x_9\,\mathbf{a}_1 - y_9\,\mathbf{a}_2 - z_9\,\mathbf{a}_3$	=	$-\left(ax_9 + cz_9\cos\beta\right)\,\hat{\mathbf{x}} - by_9\,\hat{\mathbf{y}} - cz_9\sin\beta\,\hat{\mathbf{z}}$	(4e)	Mo I
$\mathbf{B_{36}}$	=	$x_9\,\mathbf{a}_1 - \left(y_9 - \frac{1}{2}\right)\,\mathbf{a}_2 + \left(z_9 + \frac{1}{2}\right)\,\mathbf{a}_3$	=	$\left(ax_9 + c\left(z_9 + \frac{1}{2}\right)\cos\beta\right)\,\hat{\mathbf{x}} - b\left(y_9 - \frac{1}{2}\right)\,\hat{\mathbf{y}} + c\left(z_9 + \frac{1}{2}\right)\sin\beta\,\hat{\mathbf{z}}$	(4e)	Mo I
$\mathbf{B_{37}}$	=	$x_{10}\,\mathbf{a}_1 + y_{10}\,\mathbf{a}_2 + z_{10}\,\mathbf{a}_3$	=	$\left(ax_{10} + cz_{10}\cos\beta\right)\,\hat{\mathbf{x}} + by_{10}\,\hat{\mathbf{y}} + cz_{10}\sin\beta\,\hat{\mathbf{z}}$	(4e)	Mo II
$\mathbf{B_{38}}$	=	$-x_{10}\,\mathbf{a}_1 + \left(y_{10} + \frac{1}{2}\right)\,\mathbf{a}_2 - \left(z_{10} - \frac{1}{2}\right)\,\mathbf{a}_3$	=	$-\left(ax_{10} + c\left(z_{10} - \frac{1}{2}\right)\cos\beta\right)\,\hat{\mathbf{x}} + b\left(y_{10} + \frac{1}{2}\right)\,\hat{\mathbf{y}} - c\left(z_{10} - \frac{1}{2}\right)\sin\beta\,\hat{\mathbf{z}}$	(4e)	Mo II
$\mathbf{B_{39}}$	=	$-x_{10}\,\mathbf{a}_1 - y_{10}\,\mathbf{a}_2 - z_{10}\,\mathbf{a}_3$	=	$-\left(ax_{10} + cz_{10}\cos\beta\right)\,\hat{\mathbf{x}} - by_{10}\,\hat{\mathbf{y}} - cz_{10}\sin\beta\,\hat{\mathbf{z}}$	(4e)	Mo II
$\mathbf{B_{40}}$	=	$x_{10}\,\mathbf{a}_1 - \left(y_{10} - \frac{1}{2}\right)\,\mathbf{a}_2 + \left(z_{10} + \frac{1}{2}\right)\,\mathbf{a}_3$	=	$\left(ax_{10} + c\left(z_{10} + \frac{1}{2}\right)\cos\beta\right)\,\hat{\mathbf{x}} - b\left(y_{10} - \frac{1}{2}\right)\,\hat{\mathbf{y}} + c\left(z_{10} + \frac{1}{2}\right)\sin\beta\,\hat{\mathbf{z}}$	(4e)	Mo II
$\mathbf{B_{41}}$	=	$x_{11}\,\mathbf{a}_1 + y_{11}\,\mathbf{a}_2 + z_{11}\,\mathbf{a}_3$	=	$\left(ax_{11} + cz_{11}\cos\beta\right)\,\hat{\mathbf{x}} + by_{11}\,\hat{\mathbf{y}} + cz_{11}\sin\beta\,\hat{\mathbf{z}}$	(4e)	Mo III
$\mathbf{B_{42}}$	=	$-x_{11}\,\mathbf{a}_1 + \left(y_{11} + \frac{1}{2}\right)\,\mathbf{a}_2 - \left(z_{11} - \frac{1}{2}\right)\,\mathbf{a}_3$	=	$-\left(ax_{11} + c\left(z_{11} - \frac{1}{2}\right)\cos\beta\right)\,\hat{\mathbf{x}} + b\left(y_{11} + \frac{1}{2}\right)\,\hat{\mathbf{y}} - c\left(z_{11} - \frac{1}{2}\right)\sin\beta\,\hat{\mathbf{z}}$	(4e)	Mo III
$\mathbf{B_{43}}$	=	$-x_{11}\,\mathbf{a}_1 - y_{11}\,\mathbf{a}_2 - z_{11}\,\mathbf{a}_3$	=	$-\left(ax_{11} + cz_{11}\cos\beta\right)\,\hat{\mathbf{x}} - by_{11}\,\hat{\mathbf{y}} - cz_{11}\sin\beta\,\hat{\mathbf{z}}$	(4e)	Mo III
$\mathbf{B_{44}}$	=	$x_{11}\,\mathbf{a}_1 - \left(y_{11} - \frac{1}{2}\right)\,\mathbf{a}_2 + \left(z_{11} + \frac{1}{2}\right)\,\mathbf{a}_3$	=	$\left(ax_{11} + c\left(z_{11} + \frac{1}{2}\right)\cos\beta\right)\,\hat{\mathbf{x}} - b\left(y_{11} - \frac{1}{2}\right)\,\hat{\mathbf{y}} + c\left(z_{11} + \frac{1}{2}\right)\sin\beta\,\hat{\mathbf{z}}$	(4e)	Mo III
$\mathbf{B_{45}}$	=	$x_{12}\,\mathbf{a}_1 + y_{12}\,\mathbf{a}_2 + z_{12}\,\mathbf{a}_3$	=	$\left(ax_{12} + cz_{12}\cos\beta\right)\,\hat{\mathbf{x}} + by_{12}\,\hat{\mathbf{y}} + cz_{12}\sin\beta\,\hat{\mathbf{z}}$	(4e)	Mo IV
$\mathbf{B_{46}}$	=	$-x_{12}\,\mathbf{a}_1 + \left(y_{12} + \frac{1}{2}\right)\,\mathbf{a}_2 - \left(z_{12} - \frac{1}{2}\right)\,\mathbf{a}_3$	=	$-\left(ax_{12} + c\left(z_{12} - \frac{1}{2}\right)\cos\beta\right)\,\hat{\mathbf{x}} + b\left(y_{12} + \frac{1}{2}\right)\,\hat{\mathbf{y}} - c\left(z_{12} - \frac{1}{2}\right)\sin\beta\,\hat{\mathbf{z}}$	(4e)	Mo IV
$\mathbf{B_{47}}$	=	$-x_{12}\,\mathbf{a}_1 - y_{12}\,\mathbf{a}_2 - z_{12}\,\mathbf{a}_3$	=	$-\left(ax_{12} + cz_{12}\cos\beta\right)\,\hat{\mathbf{x}} - by_{12}\,\hat{\mathbf{y}} - cz_{12}\sin\beta\,\hat{\mathbf{z}}$	(4e)	Mo IV
$\mathbf{B_{48}}$	=	$x_{12}\,\mathbf{a}_1 - \left(y_{12} - \frac{1}{2}\right)\,\mathbf{a}_2 + \left(z_{12} + \frac{1}{2}\right)\,\mathbf{a}_3$	=	$\left(ax_{12} + c\left(z_{12} + \frac{1}{2}\right)\cos\beta\right)\,\hat{\mathbf{x}} - b\left(y_{12} - \frac{1}{2}\right)\,\hat{\mathbf{y}} + c\left(z_{12} + \frac{1}{2}\right)\sin\beta\,\hat{\mathbf{z}}$	(4e)	Mo IV

$\mathbf{B_{49}}$	=	$x_{13}\,\mathbf{a}_1 + y_{13}\,\mathbf{a}_2 + z_{13}\,\mathbf{a}_3$	=	$\left(ax_{13} + cz_{13}\cos\beta\right)\,\hat{\mathbf{x}} + by_{13}\,\hat{\mathbf{y}} + cz_{13}\sin\beta\,\hat{\mathbf{z}}$	(4e)	O I
$\mathbf{B_{50}}$	=	$-x_{13}\,\mathbf{a}_1 + \left(y_{13} + \frac{1}{2}\right)\,\mathbf{a}_2 - \left(z_{13} - \frac{1}{2}\right)\,\mathbf{a}_3$	=	$-\left(ax_{13} + c\left(z_{13} - \frac{1}{2}\right)\cos\beta\right)\,\hat{\mathbf{x}} + b\left(y_{13} + \frac{1}{2}\right)\,\hat{\mathbf{y}} - c\left(z_{13} - \frac{1}{2}\right)\sin\beta\,\hat{\mathbf{z}}$	(4e)	O I
$\mathbf{B_{51}}$	=	$-x_{13}\,\mathbf{a}_1 - y_{13}\,\mathbf{a}_2 - z_{13}\,\mathbf{a}_3$	=	$-\left(ax_{13} + cz_{13}\cos\beta\right)\,\hat{\mathbf{x}} - by_{13}\,\hat{\mathbf{y}} - cz_{13}\sin\beta\,\hat{\mathbf{z}}$	(4e)	O I
$\mathbf{B_{52}}$	=	$x_{13}\,\mathbf{a}_1 - \left(y_{13} - \frac{1}{2}\right)\,\mathbf{a}_2 + \left(z_{13} + \frac{1}{2}\right)\,\mathbf{a}_3$	=	$\left(ax_{13} + c\left(z_{13} + \frac{1}{2}\right)\cos\beta\right)\,\hat{\mathbf{x}} - b\left(y_{13} - \frac{1}{2}\right)\,\hat{\mathbf{y}} + c\left(z_{13} + \frac{1}{2}\right)\sin\beta\,\hat{\mathbf{z}}$	(4e)	O I
$\mathbf{B_{53}}$	=	$x_{14}\,\mathbf{a}_1 + y_{14}\,\mathbf{a}_2 + z_{14}\,\mathbf{a}_3$	=	$\left(ax_{14} + cz_{14}\cos\beta\right)\,\hat{\mathbf{x}} + by_{14}\,\hat{\mathbf{y}} + cz_{14}\sin\beta\,\hat{\mathbf{z}}$	(4e)	O II
$\mathbf{B_{54}}$	=	$-x_{14}\,\mathbf{a}_1 + \left(y_{14} + \frac{1}{2}\right)\,\mathbf{a}_2 - \left(z_{14} - \frac{1}{2}\right)\,\mathbf{a}_3$	=	$-\left(ax_{14} + c\left(z_{14} - \frac{1}{2}\right)\cos\beta\right)\,\hat{\mathbf{x}} + b\left(y_{14} + \frac{1}{2}\right)\,\hat{\mathbf{y}} - c\left(z_{14} - \frac{1}{2}\right)\sin\beta\,\hat{\mathbf{z}}$	(4e)	O II
$\mathbf{B_{55}}$	=	$-x_{14}\,\mathbf{a}_1 - y_{14}\,\mathbf{a}_2 - z_{14}\,\mathbf{a}_3$	=	$-\left(ax_{14} + cz_{14}\cos\beta\right)\,\hat{\mathbf{x}} - by_{14}\,\hat{\mathbf{y}} - cz_{14}\sin\beta\,\hat{\mathbf{z}}$	(4e)	O II
$\mathbf{B_{56}}$	=	$x_{14}\,\mathbf{a}_1 - \left(y_{14} - \frac{1}{2}\right)\,\mathbf{a}_2 + \left(z_{14} + \frac{1}{2}\right)\,\mathbf{a}_3$	=	$\left(ax_{14} + c\left(z_{14} + \frac{1}{2}\right)\cos\beta\right)\,\hat{\mathbf{x}} - b\left(y_{14} - \frac{1}{2}\right)\,\hat{\mathbf{y}} + c\left(z_{14} + \frac{1}{2}\right)\sin\beta\,\hat{\mathbf{z}}$	(4e)	O II
$\mathbf{B_{57}}$	=	$x_{15}\,\mathbf{a}_1 + y_{15}\,\mathbf{a}_2 + z_{15}\,\mathbf{a}_3$	=	$\left(ax_{15} + cz_{15}\cos\beta\right)\,\hat{\mathbf{x}} + by_{15}\,\hat{\mathbf{y}} + cz_{15}\sin\beta\,\hat{\mathbf{z}}$	(4e)	O III
$\mathbf{B_{58}}$	=	$-x_{15}\,\mathbf{a}_1 + \left(y_{15} + \frac{1}{2}\right)\,\mathbf{a}_2 - \left(z_{15} - \frac{1}{2}\right)\,\mathbf{a}_3$	=	$-\left(ax_{15} + c\left(z_{15} - \frac{1}{2}\right)\cos\beta\right)\,\hat{\mathbf{x}} + b\left(y_{15} + \frac{1}{2}\right)\,\hat{\mathbf{y}} - c\left(z_{15} - \frac{1}{2}\right)\sin\beta\,\hat{\mathbf{z}}$	(4e)	O III
$\mathbf{B_{59}}$	=	$-x_{15}\,\mathbf{a}_1 - y_{15}\,\mathbf{a}_2 - z_{15}\,\mathbf{a}_3$	=	$-\left(ax_{15} + cz_{15}\cos\beta\right)\,\hat{\mathbf{x}} - by_{15}\,\hat{\mathbf{y}} - cz_{15}\sin\beta\,\hat{\mathbf{z}}$	(4e)	O III
$\mathbf{B_{60}}$	=	$x_{15}\,\mathbf{a}_1 - \left(y_{15} - \frac{1}{2}\right)\,\mathbf{a}_2 + \left(z_{15} + \frac{1}{2}\right)\,\mathbf{a}_3$	=	$\left(ax_{15} + c\left(z_{15} + \frac{1}{2}\right)\cos\beta\right)\,\hat{\mathbf{x}} - b\left(y_{15} - \frac{1}{2}\right)\,\hat{\mathbf{y}} + c\left(z_{15} + \frac{1}{2}\right)\sin\beta\,\hat{\mathbf{z}}$	(4e)	O III
$\mathbf{B_{61}}$	=	$x_{16}\,\mathbf{a}_1 + y_{16}\,\mathbf{a}_2 + z_{16}\,\mathbf{a}_3$	=	$\left(ax_{16} + cz_{16}\cos\beta\right)\,\hat{\mathbf{x}} + by_{16}\,\hat{\mathbf{y}} + cz_{16}\sin\beta\,\hat{\mathbf{z}}$	(4e)	O IV
$\mathbf{B_{62}}$	=	$-x_{16}\,\mathbf{a}_1 + \left(y_{16} + \frac{1}{2}\right)\,\mathbf{a}_2 - \left(z_{16} - \frac{1}{2}\right)\,\mathbf{a}_3$	=	$-\left(ax_{16} + c\left(z_{16} - \frac{1}{2}\right)\cos\beta\right)\,\hat{\mathbf{x}} + b\left(y_{16} + \frac{1}{2}\right)\,\hat{\mathbf{y}} - c\left(z_{16} - \frac{1}{2}\right)\sin\beta\,\hat{\mathbf{z}}$	(4e)	O IV
$\mathbf{B_{63}}$	=	$-x_{16}\,\mathbf{a}_1 - y_{16}\,\mathbf{a}_2 - z_{16}\,\mathbf{a}_3$	=	$-\left(ax_{16} + cz_{16}\cos\beta\right)\,\hat{\mathbf{x}} - by_{16}\,\hat{\mathbf{y}} - cz_{16}\sin\beta\,\hat{\mathbf{z}}$	(4e)	O IV
$\mathbf{B_{64}}$	=	$x_{16}\,\mathbf{a}_1 - \left(y_{16} - \frac{1}{2}\right)\,\mathbf{a}_2 + \left(z_{16} + \frac{1}{2}\right)\,\mathbf{a}_3$	=	$\left(ax_{16} + c\left(z_{16} + \frac{1}{2}\right)\cos\beta\right)\,\hat{\mathbf{x}} - b\left(y_{16} - \frac{1}{2}\right)\,\hat{\mathbf{y}} + c\left(z_{16} + \frac{1}{2}\right)\sin\beta\,\hat{\mathbf{z}}$	(4e)	O IV
$\mathbf{B_{65}}$	=	$x_{17}\,\mathbf{a}_1 + y_{17}\,\mathbf{a}_2 + z_{17}\,\mathbf{a}_3$	=	$\left(ax_{17} + cz_{17}\cos\beta\right)\,\hat{\mathbf{x}} + by_{17}\,\hat{\mathbf{y}} + cz_{17}\sin\beta\,\hat{\mathbf{z}}$	(4e)	O V
$\mathbf{B_{66}}$	=	$-x_{17}\,\mathbf{a}_1 + \left(y_{17} + \frac{1}{2}\right)\,\mathbf{a}_2 - \left(z_{17} - \frac{1}{2}\right)\,\mathbf{a}_3$	=	$-\left(ax_{17} + c\left(z_{17} - \frac{1}{2}\right)\cos\beta\right)\,\hat{\mathbf{x}} + b\left(y_{17} + \frac{1}{2}\right)\,\hat{\mathbf{y}} - c\left(z_{17} - \frac{1}{2}\right)\sin\beta\,\hat{\mathbf{z}}$	(4e)	O V
$\mathbf{B_{67}}$	=	$-x_{17}\,\mathbf{a}_1 - y_{17}\,\mathbf{a}_2 - z_{17}\,\mathbf{a}_3$	=	$-\left(ax_{17} + cz_{17}\cos\beta\right)\,\hat{\mathbf{x}} - by_{17}\,\hat{\mathbf{y}} - cz_{17}\sin\beta\,\hat{\mathbf{z}}$	(4e)	O V
$\mathbf{B_{68}}$	=	$x_{17}\,\mathbf{a}_1 - \left(y_{17} - \frac{1}{2}\right)\,\mathbf{a}_2 + \left(z_{17} + \frac{1}{2}\right)\,\mathbf{a}_3$	=	$\left(ax_{17} + c\left(z_{17} + \frac{1}{2}\right)\cos\beta\right)\,\hat{\mathbf{x}} - b\left(y_{17} - \frac{1}{2}\right)\,\hat{\mathbf{y}} + c\left(z_{17} + \frac{1}{2}\right)\sin\beta\,\hat{\mathbf{z}}$	(4e)	O V
$\mathbf{B_{69}}$	=	$x_{18}\,\mathbf{a}_1 + y_{18}\,\mathbf{a}_2 + z_{18}\,\mathbf{a}_3$	=	$\left(ax_{18} + cz_{18}\cos\beta\right)\,\hat{\mathbf{x}} + by_{18}\,\hat{\mathbf{y}} + cz_{18}\sin\beta\,\hat{\mathbf{z}}$	(4e)	O VI
$\mathbf{B_{70}}$	=	$-x_{18}\,\mathbf{a}_1 + \left(y_{18} + \frac{1}{2}\right)\,\mathbf{a}_2 - \left(z_{18} - \frac{1}{2}\right)\,\mathbf{a}_3$	=	$-\left(ax_{18} + c\left(z_{18} - \frac{1}{2}\right)\cos\beta\right)\,\hat{\mathbf{x}} + b\left(y_{18} + \frac{1}{2}\right)\,\hat{\mathbf{y}} - c\left(z_{18} - \frac{1}{2}\right)\sin\beta\,\hat{\mathbf{z}}$	(4e)	O VI
$\mathbf{B_{71}}$	=	$-x_{18}\,\mathbf{a}_1 - y_{18}\,\mathbf{a}_2 - z_{18}\,\mathbf{a}_3$	=	$-\left(ax_{18} + cz_{18}\cos\beta\right)\,\hat{\mathbf{x}} - by_{18}\,\hat{\mathbf{y}} - cz_{18}\sin\beta\,\hat{\mathbf{z}}$	(4e)	O VI
$\mathbf{B_{72}}$	=	$x_{18}\,\mathbf{a}_1 - \left(y_{18} - \frac{1}{2}\right)\,\mathbf{a}_2 + \left(z_{18} + \frac{1}{2}\right)\,\mathbf{a}_3$	=	$\left(ax_{18} + c\left(z_{18} + \frac{1}{2}\right)\cos\beta\right)\,\hat{\mathbf{x}} - b\left(y_{18} - \frac{1}{2}\right)\,\hat{\mathbf{y}} + c\left(z_{18} + \frac{1}{2}\right)\sin\beta\,\hat{\mathbf{z}}$	(4e)	O VI
$\mathbf{B_{73}}$	=	$x_{19}\,\mathbf{a}_1 + y_{19}\,\mathbf{a}_2 + z_{19}\,\mathbf{a}_3$	=	$\left(ax_{19} + cz_{19}\cos\beta\right)\,\hat{\mathbf{x}} + by_{19}\,\hat{\mathbf{y}} + cz_{19}\sin\beta\,\hat{\mathbf{z}}$	(4e)	O VII
$\mathbf{B_{74}}$	=	$-x_{19}\,\mathbf{a}_1 + \left(y_{19} + \frac{1}{2}\right)\,\mathbf{a}_2 - \left(z_{19} - \frac{1}{2}\right)\,\mathbf{a}_3$	=	$-\left(ax_{19} + c\left(z_{19} - \frac{1}{2}\right)\cos\beta\right)\,\hat{\mathbf{x}} + b\left(y_{19} + \frac{1}{2}\right)\,\hat{\mathbf{y}} - c\left(z_{19} - \frac{1}{2}\right)\sin\beta\,\hat{\mathbf{z}}$	(4e)	O VII

$\mathbf{B_{75}}$	=	$-x_{19}\,\mathbf{a}_1 - y_{19}\,\mathbf{a}_2 - z_{19}\,\mathbf{a}_3$	=	$-\left(ax_{19} + cz_{19}\cos\beta\right)\,\hat{\mathbf{x}} - by_{19}\,\hat{\mathbf{y}} - cz_{19}\sin\beta\,\hat{\mathbf{z}}$	(4e)	O VII
$\mathbf{B_{76}}$	=	$x_{19}\,\mathbf{a}_1 - \left(y_{19} - \frac{1}{2}\right)\,\mathbf{a}_2 + \left(z_{19} + \frac{1}{2}\right)\,\mathbf{a}_3$	=	$\left(ax_{19} + c\left(z_{19} + \frac{1}{2}\right)\cos\beta\right)\,\hat{\mathbf{x}} - b\left(y_{19} - \frac{1}{2}\right)\,\hat{\mathbf{y}} + c\left(z_{19} + \frac{1}{2}\right)\sin\beta\,\hat{\mathbf{z}}$	(4e)	O VII
$\mathbf{B_{77}}$	=	$x_{20}\,\mathbf{a}_1 + y_{20}\,\mathbf{a}_2 + z_{20}\,\mathbf{a}_3$	=	$\left(ax_{20} + cz_{20}\cos\beta\right)\,\hat{\mathbf{x}} + by_{20}\,\hat{\mathbf{y}} + cz_{20}\sin\beta\,\hat{\mathbf{z}}$	(4e)	O VIII
$\mathbf{B_{78}}$	=	$-x_{20}\,\mathbf{a}_1 + \left(y_{20} + \frac{1}{2}\right)\,\mathbf{a}_2 - \left(z_{20} - \frac{1}{2}\right)\,\mathbf{a}_3$	=	$-\left(ax_{20} + c\left(z_{20} - \frac{1}{2}\right)\cos\beta\right)\,\hat{\mathbf{x}} + b\left(y_{20} + \frac{1}{2}\right)\,\hat{\mathbf{y}} - c\left(z_{20} - \frac{1}{2}\right)\sin\beta\,\hat{\mathbf{z}}$	(4e)	O VIII
$\mathbf{B_{79}}$	=	$-x_{20}\,\mathbf{a}_1 - y_{20}\,\mathbf{a}_2 - z_{20}\,\mathbf{a}_3$	=	$-\left(ax_{20} + cz_{20}\cos\beta\right)\,\hat{\mathbf{x}} - by_{20}\,\hat{\mathbf{y}} - cz_{20}\sin\beta\,\hat{\mathbf{z}}$	(4e)	O VIII
$\mathbf{B_{80}}$	=	$x_{20}\,\mathbf{a}_1 - \left(y_{20} - \frac{1}{2}\right)\,\mathbf{a}_2 + \left(z_{20} + \frac{1}{2}\right)\,\mathbf{a}_3$	=	$\left(ax_{20} + c\left(z_{20} + \frac{1}{2}\right)\cos\beta\right)\,\hat{\mathbf{x}} - b\left(y_{20} - \frac{1}{2}\right)\,\hat{\mathbf{y}} + c\left(z_{20} + \frac{1}{2}\right)\sin\beta\,\hat{\mathbf{z}}$	(4e)	O VIII
$\mathbf{B_{81}}$	=	$x_{21}\,\mathbf{a}_1 + y_{21}\,\mathbf{a}_2 + z_{21}\,\mathbf{a}_3$	=	$\left(ax_{21} + cz_{21}\cos\beta\right)\,\hat{\mathbf{x}} + by_{21}\,\hat{\mathbf{y}} + cz_{21}\sin\beta\,\hat{\mathbf{z}}$	(4e)	O IX
$\mathbf{B_{82}}$	=	$-x_{21}\,\mathbf{a}_1 + \left(y_{21} + \frac{1}{2}\right)\,\mathbf{a}_2 - \left(z_{21} - \frac{1}{2}\right)\,\mathbf{a}_3$	=	$-\left(ax_{21} + c\left(z_{21} - \frac{1}{2}\right)\cos\beta\right)\,\hat{\mathbf{x}} + b\left(y_{21} + \frac{1}{2}\right)\,\hat{\mathbf{y}} - c\left(z_{21} - \frac{1}{2}\right)\sin\beta\,\hat{\mathbf{z}}$	(4e)	O IX
$\mathbf{B_{83}}$	=	$-x_{21}\,\mathbf{a}_1 - y_{21}\,\mathbf{a}_2 - z_{21}\,\mathbf{a}_3$	=	$-\left(ax_{21} + cz_{21}\cos\beta\right)\,\hat{\mathbf{x}} - by_{21}\,\hat{\mathbf{y}} - cz_{21}\sin\beta\,\hat{\mathbf{z}}$	(4e)	O IX
$\mathbf{B_{84}}$	=	$x_{21}\,\mathbf{a}_1 - \left(y_{21} - \frac{1}{2}\right)\,\mathbf{a}_2 + \left(z_{21} + \frac{1}{2}\right)\,\mathbf{a}_3$	=	$\left(ax_{21} + c\left(z_{21} + \frac{1}{2}\right)\cos\beta\right)\,\hat{\mathbf{x}} - b\left(y_{21} - \frac{1}{2}\right)\,\hat{\mathbf{y}} + c\left(z_{21} + \frac{1}{2}\right)\sin\beta\,\hat{\mathbf{z}}$	(4e)	O IX
$\mathbf{B_{85}}$	=	$x_{22}\,\mathbf{a}_1 + y_{22}\,\mathbf{a}_2 + z_{22}\,\mathbf{a}_3$	=	$\left(ax_{22} + cz_{22}\cos\beta\right)\,\hat{\mathbf{x}} + by_{22}\,\hat{\mathbf{y}} + cz_{22}\sin\beta\,\hat{\mathbf{z}}$	(4e)	O X
$\mathbf{B_{86}}$	=	$-x_{22}\,\mathbf{a}_1 + \left(y_{22} + \frac{1}{2}\right)\,\mathbf{a}_2 - \left(z_{22} - \frac{1}{2}\right)\,\mathbf{a}_3$	=	$-\left(ax_{22} + c\left(z_{22} - \frac{1}{2}\right)\cos\beta\right)\,\hat{\mathbf{x}} + b\left(y_{22} + \frac{1}{2}\right)\,\hat{\mathbf{y}} - c\left(z_{22} - \frac{1}{2}\right)\sin\beta\,\hat{\mathbf{z}}$	(4e)	O X
$\mathbf{B_{87}}$	=	$-x_{22}\,\mathbf{a}_1 - y_{22}\,\mathbf{a}_2 - z_{22}\,\mathbf{a}_3$	=	$-\left(ax_{22} + cz_{22}\cos\beta\right)\,\hat{\mathbf{x}} - by_{22}\,\hat{\mathbf{y}} - cz_{22}\sin\beta\,\hat{\mathbf{z}}$	(4e)	O X
$\mathbf{B_{88}}$	=	$x_{22}\,\mathbf{a}_1 - \left(y_{22} - \frac{1}{2}\right)\,\mathbf{a}_2 + \left(z_{22} + \frac{1}{2}\right)\,\mathbf{a}_3$	=	$\left(ax_{22} + c\left(z_{22} + \frac{1}{2}\right)\cos\beta\right)\,\hat{\mathbf{x}} - b\left(y_{22} - \frac{1}{2}\right)\,\hat{\mathbf{y}} + c\left(z_{22} + \frac{1}{2}\right)\sin\beta\,\hat{\mathbf{z}}$	(4e)	O X
$\mathbf{B_{89}}$	=	$x_{23}\,\mathbf{a}_1 + y_{23}\,\mathbf{a}_2 + z_{23}\,\mathbf{a}_3$	=	$\left(ax_{23} + cz_{23}\cos\beta\right)\,\hat{\mathbf{x}} + by_{23}\,\hat{\mathbf{y}} + cz_{23}\sin\beta\,\hat{\mathbf{z}}$	(4e)	O XI
$\mathbf{B_{90}}$	=	$-x_{23}\,\mathbf{a}_1 + \left(y_{23} + \frac{1}{2}\right)\,\mathbf{a}_2 - \left(z_{23} - \frac{1}{2}\right)\,\mathbf{a}_3$	=	$-\left(ax_{23} + c\left(z_{23} - \frac{1}{2}\right)\cos\beta\right)\,\hat{\mathbf{x}} + b\left(y_{23} + \frac{1}{2}\right)\,\hat{\mathbf{y}} - c\left(z_{23} - \frac{1}{2}\right)\sin\beta\,\hat{\mathbf{z}}$	(4e)	O XI
$\mathbf{B_{91}}$	=	$-x_{23}\,\mathbf{a}_1 - y_{23}\,\mathbf{a}_2 - z_{23}\,\mathbf{a}_3$	=	$-\left(ax_{23} + cz_{23}\cos\beta\right)\,\hat{\mathbf{x}} - by_{23}\,\hat{\mathbf{y}} - cz_{23}\sin\beta\,\hat{\mathbf{z}}$	(4e)	O XI
$\mathbf{B_{92}}$	=	$x_{23}\,\mathbf{a}_1 - \left(y_{23} - \frac{1}{2}\right)\,\mathbf{a}_2 + \left(z_{23} + \frac{1}{2}\right)\,\mathbf{a}_3$	=	$\left(ax_{23} + c\left(z_{23} + \frac{1}{2}\right)\cos\beta\right)\,\hat{\mathbf{x}} - b\left(y_{23} - \frac{1}{2}\right)\,\hat{\mathbf{y}} + c\left(z_{23} + \frac{1}{2}\right)\sin\beta\,\hat{\mathbf{z}}$	(4e)	O XI
$\mathbf{B_{93}}$	=	$x_{24}\,\mathbf{a}_1 + y_{24}\,\mathbf{a}_2 + z_{24}\,\mathbf{a}_3$	=	$\left(ax_{24} + cz_{24}\cos\beta\right)\,\hat{\mathbf{x}} + by_{24}\,\hat{\mathbf{y}} + cz_{24}\sin\beta\,\hat{\mathbf{z}}$	(4e)	O XII
$\mathbf{B_{94}}$	=	$-x_{24}\,\mathbf{a}_1 + \left(y_{24} + \frac{1}{2}\right)\,\mathbf{a}_2 - \left(z_{24} - \frac{1}{2}\right)\,\mathbf{a}_3$	=	$-\left(ax_{24} + c\left(z_{24} - \frac{1}{2}\right)\cos\beta\right)\,\hat{\mathbf{x}} + b\left(y_{24} + \frac{1}{2}\right)\,\hat{\mathbf{y}} - c\left(z_{24} - \frac{1}{2}\right)\sin\beta\,\hat{\mathbf{z}}$	(4e)	O XII
$\mathbf{B_{95}}$	=	$-x_{24}\,\mathbf{a}_1 - y_{24}\,\mathbf{a}_2 - z_{24}\,\mathbf{a}_3$	=	$-\left(ax_{24} + cz_{24}\cos\beta\right)\,\hat{\mathbf{x}} - by_{24}\,\hat{\mathbf{y}} - cz_{24}\sin\beta\,\hat{\mathbf{z}}$	(4e)	O XII
$\mathbf{B_{96}}$	=	$x_{24}\,\mathbf{a}_1 - \left(y_{24} - \frac{1}{2}\right)\,\mathbf{a}_2 + \left(z_{24} + \frac{1}{2}\right)\,\mathbf{a}_3$	=	$\left(ax_{24} + c\left(z_{24} + \frac{1}{2}\right)\cos\beta\right)\,\hat{\mathbf{x}} - b\left(y_{24} - \frac{1}{2}\right)\,\hat{\mathbf{y}} + c\left(z_{24} + \frac{1}{2}\right)\sin\beta\,\hat{\mathbf{z}}$	(4e)	O XII
$\mathbf{B_{97}}$	=	$x_{25}\,\mathbf{a}_1 + y_{25}\,\mathbf{a}_2 + z_{25}\,\mathbf{a}_3$	=	$\left(ax_{25} + cz_{25}\cos\beta\right)\,\hat{\mathbf{x}} + by_{25}\,\hat{\mathbf{y}} + cz_{25}\sin\beta\,\hat{\mathbf{z}}$	(4e)	O XIII
$\mathbf{B_{98}}$	=	$-x_{25}\,\mathbf{a}_1 + \left(y_{25} + \frac{1}{2}\right)\,\mathbf{a}_2 - \left(z_{25} - \frac{1}{2}\right)\,\mathbf{a}_3$	=	$-\left(ax_{25} + c\left(z_{25} - \frac{1}{2}\right)\cos\beta\right)\,\hat{\mathbf{x}} + b\left(y_{25} + \frac{1}{2}\right)\,\hat{\mathbf{y}} - c\left(z_{25} - \frac{1}{2}\right)\sin\beta\,\hat{\mathbf{z}}$	(4e)	O XIII
$\mathbf{B_{99}}$	=	$-x_{25}\,\mathbf{a}_1 - y_{25}\,\mathbf{a}_2 - z_{25}\,\mathbf{a}_3$	=	$-\left(ax_{25} + cz_{25}\cos\beta\right)\,\hat{\mathbf{x}} - by_{25}\,\hat{\mathbf{y}} - cz_{25}\sin\beta\,\hat{\mathbf{z}}$	(4e)	O XIII
$\mathbf{B_{100}}$	=	$x_{25}\,\mathbf{a}_1 - \left(y_{25} - \frac{1}{2}\right)\,\mathbf{a}_2 + \left(z_{25} + \frac{1}{2}\right)\,\mathbf{a}_3$	=	$\left(ax_{25} + c\left(z_{25} + \frac{1}{2}\right)\cos\beta\right)\,\hat{\mathbf{x}} - b\left(y_{25} - \frac{1}{2}\right)\,\hat{\mathbf{y}} + c\left(z_{25} + \frac{1}{2}\right)\sin\beta\,\hat{\mathbf{z}}$	(4e)	O XIII

$\mathbf{B}_{101}$	=	$x_{26}\,\mathbf{a}_{1} + y_{26}\,\mathbf{a}_{2} + z_{26}\,\mathbf{a}_{3}$	=	$\left(a x_{26} + c z_{26} \cos\beta\right) \mathbf{\hat{x}} + b y_{26} \mathbf{\hat{y}} + c z_{26} \sin\beta \mathbf{\hat{z}}$	(4e)	O XIV
$\mathbf{B}_{102}$	=	$-x_{26}\,\mathbf{a}_{1} + \left(y_{26} + \frac{1}{2}\right) \mathbf{a}_{2} - \left(z_{26} - \frac{1}{2}\right) \mathbf{a}_{3}$	=	$-\left(a x_{26} + c \left(z_{26} - \frac{1}{2}\right) \cos\beta\right) \mathbf{\hat{x}} + b \left(y_{26} + \frac{1}{2}\right) \mathbf{\hat{y}} - c \left(z_{26} - \frac{1}{2}\right) \sin\beta \mathbf{\hat{z}}$	(4e)	O XIV
$\mathbf{B}_{103}$	=	$-x_{26}\,\mathbf{a}_{1} - y_{26}\,\mathbf{a}_{2} - z_{26}\,\mathbf{a}_{3}$	=	$-\left(a x_{26} + c z_{26} \cos\beta\right) \mathbf{\hat{x}} - b y_{26} \mathbf{\hat{y}} - c z_{26} \sin\beta \mathbf{\hat{z}}$	(4e)	O XIV
$\mathbf{B}_{104}$	=	$x_{26}\,\mathbf{a}_{1} - \left(y_{26} - \frac{1}{2}\right) \mathbf{a}_{2} + \left(z_{26} + \frac{1}{2}\right) \mathbf{a}_{3}$	=	$\left(a x_{26} + c \left(z_{26} + \frac{1}{2}\right) \cos\beta\right) \mathbf{\hat{x}} - b \left(y_{26} - \frac{1}{2}\right) \mathbf{\hat{y}} + c \left(z_{26} + \frac{1}{2}\right) \sin\beta \mathbf{\hat{z}}$	(4e)	O XIV
$\mathbf{B}_{105}$	=	$x_{27}\,\mathbf{a}_{1} + y_{27}\,\mathbf{a}_{2} + z_{27}\,\mathbf{a}_{3}$	=	$\left(a x_{27} + c z_{27} \cos\beta\right) \mathbf{\hat{x}} + b y_{27} \mathbf{\hat{y}} + c z_{27} \sin\beta \mathbf{\hat{z}}$	(4e)	O XV
$\mathbf{B}_{106}$	=	$-x_{27}\,\mathbf{a}_{1} + \left(y_{27} + \frac{1}{2}\right) \mathbf{a}_{2} - \left(z_{27} - \frac{1}{2}\right) \mathbf{a}_{3}$	=	$-\left(a x_{27} + c \left(z_{27} - \frac{1}{2}\right) \cos\beta\right) \mathbf{\hat{x}} + b \left(y_{27} + \frac{1}{2}\right) \mathbf{\hat{y}} - c \left(z_{27} - \frac{1}{2}\right) \sin\beta \mathbf{\hat{z}}$	(4e)	O XV
$\mathbf{B}_{107}$	=	$-x_{27}\,\mathbf{a}_{1} - y_{27}\,\mathbf{a}_{2} - z_{27}\,\mathbf{a}_{3}$	=	$-\left(a x_{27} + c z_{27} \cos\beta\right) \mathbf{\hat{x}} - b y_{27} \mathbf{\hat{y}} - c z_{27} \sin\beta \mathbf{\hat{z}}$	(4e)	O XV
$\mathbf{B}_{108}$	=	$x_{27}\,\mathbf{a}_{1} - \left(y_{27} - \frac{1}{2}\right) \mathbf{a}_{2} + \left(z_{27} + \frac{1}{2}\right) \mathbf{a}_{3}$	=	$\left(a x_{27} + c \left(z_{27} + \frac{1}{2}\right) \cos\beta\right) \mathbf{\hat{x}} - b \left(y_{27} - \frac{1}{2}\right) \mathbf{\hat{y}} + c \left(z_{27} + \frac{1}{2}\right) \sin\beta \mathbf{\hat{z}}$	(4e)	O XV
$\mathbf{B}_{109}$	=	$x_{28}\,\mathbf{a}_{1} + y_{28}\,\mathbf{a}_{2} + z_{28}\,\mathbf{a}_{3}$	=	$\left(a x_{28} + c z_{28} \cos\beta\right) \mathbf{\hat{x}} + b y_{28} \mathbf{\hat{y}} + c z_{28} \sin\beta \mathbf{\hat{z}}$	(4e)	O XVI
$\mathbf{B}_{110}$	=	$-x_{28}\,\mathbf{a}_{1} + \left(y_{28} + \frac{1}{2}\right) \mathbf{a}_{2} - \left(z_{28} - \frac{1}{2}\right) \mathbf{a}_{3}$	=	$-\left(a x_{28} + c \left(z_{28} - \frac{1}{2}\right) \cos\beta\right) \mathbf{\hat{x}} + b \left(y_{28} + \frac{1}{2}\right) \mathbf{\hat{y}} - c \left(z_{28} - \frac{1}{2}\right) \sin\beta \mathbf{\hat{z}}$	(4e)	O XVI
$\mathbf{B}_{111}$	=	$-x_{28}\,\mathbf{a}_{1} - y_{28}\,\mathbf{a}_{2} - z_{28}\,\mathbf{a}_{3}$	=	$-\left(a x_{28} + c z_{28} \cos\beta\right) \mathbf{\hat{x}} - b y_{28} \mathbf{\hat{y}} - c z_{28} \sin\beta \mathbf{\hat{z}}$	(4e)	O XVI
$\mathbf{B}_{112}$	=	$x_{28}\,\mathbf{a}_{1} - \left(y_{28} - \frac{1}{2}\right) \mathbf{a}_{2} + \left(z_{28} + \frac{1}{2}\right) \mathbf{a}_{3}$	=	$\left(a x_{28} + c \left(z_{28} + \frac{1}{2}\right) \cos\beta\right) \mathbf{\hat{x}} - b \left(y_{28} - \frac{1}{2}\right) \mathbf{\hat{y}} + c \left(z_{28} + \frac{1}{2}\right) \sin\beta \mathbf{\hat{z}}$	(4e)	O XVI
$\mathbf{B}_{113}$	=	$x_{29}\,\mathbf{a}_{1} + y_{29}\,\mathbf{a}_{2} + z_{29}\,\mathbf{a}_{3}$	=	$\left(a x_{29} + c z_{29} \cos\beta\right) \mathbf{\hat{x}} + b y_{29} \mathbf{\hat{y}} + c z_{29} \sin\beta \mathbf{\hat{z}}$	(4e)	O XVII
$\mathbf{B}_{114}$	=	$-x_{29}\,\mathbf{a}_{1} + \left(y_{29} + \frac{1}{2}\right) \mathbf{a}_{2} - \left(z_{29} - \frac{1}{2}\right) \mathbf{a}_{3}$	=	$-\left(a x_{29} + c \left(z_{29} - \frac{1}{2}\right) \cos\beta\right) \mathbf{\hat{x}} + b \left(y_{29} + \frac{1}{2}\right) \mathbf{\hat{y}} - c \left(z_{29} - \frac{1}{2}\right) \sin\beta \mathbf{\hat{z}}$	(4e)	O XVII
$\mathbf{B}_{115}$	=	$-x_{29}\,\mathbf{a}_{1} - y_{29}\,\mathbf{a}_{2} - z_{29}\,\mathbf{a}_{3}$	=	$-\left(a x_{29} + c z_{29} \cos\beta\right) \mathbf{\hat{x}} - b y_{29} \mathbf{\hat{y}} - c z_{29} \sin\beta \mathbf{\hat{z}}$	(4e)	O XVII
$\mathbf{B}_{116}$	=	$x_{29}\,\mathbf{a}_{1} - \left(y_{29} - \frac{1}{2}\right) \mathbf{a}_{2} + \left(z_{29} + \frac{1}{2}\right) \mathbf{a}_{3}$	=	$\left(a x_{29} + c \left(z_{29} + \frac{1}{2}\right) \cos\beta\right) \mathbf{\hat{x}} - b \left(y_{29} - \frac{1}{2}\right) \mathbf{\hat{y}} + c \left(z_{29} + \frac{1}{2}\right) \sin\beta \mathbf{\hat{z}}$	(4e)	O XVII
$\mathbf{B}_{117}$	=	$x_{30}\,\mathbf{a}_{1} + y_{30}\,\mathbf{a}_{2} + z_{30}\,\mathbf{a}_{3}$	=	$\left(a x_{30} + c z_{30} \cos\beta\right) \mathbf{\hat{x}} + b y_{30} \mathbf{\hat{y}} + c z_{30} \sin\beta \mathbf{\hat{z}}$	(4e)	O XVIII
$\mathbf{B}_{118}$	=	$-x_{30}\,\mathbf{a}_{1} + \left(y_{30} + \frac{1}{2}\right) \mathbf{a}_{2} - \left(z_{30} - \frac{1}{2}\right) \mathbf{a}_{3}$	=	$-\left(a x_{30} + c \left(z_{30} - \frac{1}{2}\right) \cos\beta\right) \mathbf{\hat{x}} + b \left(y_{30} + \frac{1}{2}\right) \mathbf{\hat{y}} - c \left(z_{30} - \frac{1}{2}\right) \sin\beta \mathbf{\hat{z}}$	(4e)	O XVIII
$\mathbf{B}_{119}$	=	$-x_{30}\,\mathbf{a}_{1} - y_{30}\,\mathbf{a}_{2} - z_{30}\,\mathbf{a}_{3}$	=	$-\left(a x_{30} + c z_{30} \cos\beta\right) \mathbf{\hat{x}} - b y_{30} \mathbf{\hat{y}} - c z_{30} \sin\beta \mathbf{\hat{z}}$	(4e)	O XVIII
$\mathbf{B}_{120}$	=	$x_{30}\,\mathbf{a}_{1} - \left(y_{30} - \frac{1}{2}\right) \mathbf{a}_{2} + \left(z_{30} + \frac{1}{2}\right) \mathbf{a}_{3}$	=	$\left(a x_{30} + c \left(z_{30} + \frac{1}{2}\right) \cos\beta\right) \mathbf{\hat{x}} - b \left(y_{30} - \frac{1}{2}\right) \mathbf{\hat{y}} + c \left(z_{30} + \frac{1}{2}\right) \sin\beta \mathbf{\hat{z}}$	(4e)	O XVIII
$\mathbf{B}_{121}$	=	$x_{31}\,\mathbf{a}_{1} + y_{31}\,\mathbf{a}_{2} + z_{31}\,\mathbf{a}_{3}$	=	$\left(a x_{31} + c z_{31} \cos\beta\right) \mathbf{\hat{x}} + b y_{31} \mathbf{\hat{y}} + c z_{31} \sin\beta \mathbf{\hat{z}}$	(4e)	O XIX
$\mathbf{B}_{122}$	=	$-x_{31}\,\mathbf{a}_{1} + \left(y_{31} + \frac{1}{2}\right) \mathbf{a}_{2} - \left(z_{31} - \frac{1}{2}\right) \mathbf{a}_{3}$	=	$-\left(a x_{31} + c \left(z_{31} - \frac{1}{2}\right) \cos\beta\right) \mathbf{\hat{x}} + b \left(y_{31} + \frac{1}{2}\right) \mathbf{\hat{y}} - c \left(z_{31} - \frac{1}{2}\right) \sin\beta \mathbf{\hat{z}}$	(4e)	O XIX
$\mathbf{B}_{123}$	=	$-x_{31}\,\mathbf{a}_{1} - y_{31}\,\mathbf{a}_{2} - z_{31}\,\mathbf{a}_{3}$	=	$-\left(a x_{31} + c z_{31} \cos\beta\right) \mathbf{\hat{x}} - b y_{31} \mathbf{\hat{y}} - c z_{31} \sin\beta \mathbf{\hat{z}}$	(4e)	O XIX
$\mathbf{B}_{124}$	=	$x_{31}\,\mathbf{a}_{1} - \left(y_{31} - \frac{1}{2}\right) \mathbf{a}_{2} + \left(z_{31} + \frac{1}{2}\right) \mathbf{a}_{3}$	=	$\left(a x_{31} + c \left(z_{31} + \frac{1}{2}\right) \cos\beta\right) \mathbf{\hat{x}} - b \left(y_{31} - \frac{1}{2}\right) \mathbf{\hat{y}} + c \left(z_{31} + \frac{1}{2}\right) \sin\beta \mathbf{\hat{z}}$	(4e)	O XIX
$\mathbf{B}_{125}$	=	$x_{32}\,\mathbf{a}_{1} + y_{32}\,\mathbf{a}_{2} + z_{32}\,\mathbf{a}_{3}$	=	$\left(a x_{32} + c z_{32} \cos\beta\right) \mathbf{\hat{x}} + b y_{32} \mathbf{\hat{y}} + c z_{32} \sin\beta \mathbf{\hat{z}}$	(4e)	O XX
$\mathbf{B}_{126}$	=	$-x_{32}\,\mathbf{a}_{1} + \left(y_{32} + \frac{1}{2}\right) \mathbf{a}_{2} - \left(z_{32} - \frac{1}{2}\right) \mathbf{a}_{3}$	=	$-\left(a x_{32} + c \left(z_{32} - \frac{1}{2}\right) \cos\beta\right) \mathbf{\hat{x}} + b \left(y_{32} + \frac{1}{2}\right) \mathbf{\hat{y}} - c \left(z_{32} - \frac{1}{2}\right) \sin\beta \mathbf{\hat{z}}$	(4e)	O XX

$\mathbf{B_{127}}$	=	$-x_{32}\,\mathbf{a}_1 - y_{32}\,\mathbf{a}_2 - z_{32}\,\mathbf{a}_3$	=	$-\left(ax_{32} + cz_{32}\cos\beta\right)\,\hat{\mathbf{x}} - by_{32}\,\hat{\mathbf{y}} - cz_{32}\sin\beta\,\hat{\mathbf{z}}$	(4e)	O XX
$\mathbf{B_{128}}$	=	$x_{32}\,\mathbf{a}_1 - \left(y_{32} - \frac{1}{2}\right)\,\mathbf{a}_2 + \left(z_{32} + \frac{1}{2}\right)\,\mathbf{a}_3$	=	$\left(ax_{32} + c\left(z_{32} + \frac{1}{2}\right)\cos\beta\right)\,\hat{\mathbf{x}} - b\left(y_{32} - \frac{1}{2}\right)\,\hat{\mathbf{y}} + c\left(z_{32} + \frac{1}{2}\right)\sin\beta\,\hat{\mathbf{z}}$	(4e)	O XX
$\mathbf{B_{129}}$	=	$x_{33}\,\mathbf{a}_1 + y_{33}\,\mathbf{a}_2 + z_{33}\,\mathbf{a}_3$	=	$\left(ax_{33} + cz_{33}\cos\beta\right)\,\hat{\mathbf{x}} + by_{33}\,\hat{\mathbf{y}} + cz_{33}\sin\beta\,\hat{\mathbf{z}}$	(4e)	O XXI
$\mathbf{B_{130}}$	=	$-x_{33}\,\mathbf{a}_1 + \left(y_{33} + \frac{1}{2}\right)\,\mathbf{a}_2 - \left(z_{33} - \frac{1}{2}\right)\,\mathbf{a}_3$	=	$-\left(ax_{33} + c\left(z_{33} - \frac{1}{2}\right)\cos\beta\right)\,\hat{\mathbf{x}} + b\left(y_{33} + \frac{1}{2}\right)\,\hat{\mathbf{y}} - c\left(z_{33} - \frac{1}{2}\right)\sin\beta\,\hat{\mathbf{z}}$	(4e)	O XXI
$\mathbf{B_{131}}$	=	$-x_{33}\,\mathbf{a}_1 - y_{33}\,\mathbf{a}_2 - z_{33}\,\mathbf{a}_3$	=	$-\left(ax_{33} + cz_{33}\cos\beta\right)\,\hat{\mathbf{x}} - by_{33}\,\hat{\mathbf{y}} - cz_{33}\sin\beta\,\hat{\mathbf{z}}$	(4e)	O XXI
$\mathbf{B_{132}}$	=	$x_{33}\,\mathbf{a}_1 - \left(y_{33} - \frac{1}{2}\right)\,\mathbf{a}_2 + \left(z_{33} + \frac{1}{2}\right)\,\mathbf{a}_3$	=	$\left(ax_{33} + c\left(z_{33} + \frac{1}{2}\right)\cos\beta\right)\,\hat{\mathbf{x}} - b\left(y_{33} - \frac{1}{2}\right)\,\hat{\mathbf{y}} + c\left(z_{33} + \frac{1}{2}\right)\sin\beta\,\hat{\mathbf{z}}$	(4e)	O XXI
$\mathbf{B_{133}}$	=	$x_{34}\,\mathbf{a}_1 + y_{34}\,\mathbf{a}_2 + z_{34}\,\mathbf{a}_3$	=	$\left(ax_{34} + cz_{34}\cos\beta\right)\,\hat{\mathbf{x}} + by_{34}\,\hat{\mathbf{y}} + cz_{34}\sin\beta\,\hat{\mathbf{z}}$	(4e)	O XXII
$\mathbf{B_{134}}$	=	$-x_{34}\,\mathbf{a}_1 + \left(y_{34} + \frac{1}{2}\right)\,\mathbf{a}_2 - \left(z_{34} - \frac{1}{2}\right)\,\mathbf{a}_3$	=	$-\left(ax_{34} + c\left(z_{34} - \frac{1}{2}\right)\cos\beta\right)\,\hat{\mathbf{x}} + b\left(y_{34} + \frac{1}{2}\right)\,\hat{\mathbf{y}} - c\left(z_{34} - \frac{1}{2}\right)\sin\beta\,\hat{\mathbf{z}}$	(4e)	O XXII
$\mathbf{B_{135}}$	=	$-x_{34}\,\mathbf{a}_1 - y_{34}\,\mathbf{a}_2 - z_{34}\,\mathbf{a}_3$	=	$-\left(ax_{34} + cz_{34}\cos\beta\right)\,\hat{\mathbf{x}} - by_{34}\,\hat{\mathbf{y}} - cz_{34}\sin\beta\,\hat{\mathbf{z}}$	(4e)	O XXII
$\mathbf{B_{136}}$	=	$x_{34}\,\mathbf{a}_1 - \left(y_{34} - \frac{1}{2}\right)\,\mathbf{a}_2 + \left(z_{34} + \frac{1}{2}\right)\,\mathbf{a}_3$	=	$\left(ax_{34} + c\left(z_{34} + \frac{1}{2}\right)\cos\beta\right)\,\hat{\mathbf{x}} - b\left(y_{34} - \frac{1}{2}\right)\,\hat{\mathbf{y}} + c\left(z_{34} + \frac{1}{2}\right)\sin\beta\,\hat{\mathbf{z}}$	(4e)	O XXII
$\mathbf{B_{137}}$	=	$x_{35}\,\mathbf{a}_1 + y_{35}\,\mathbf{a}_2 + z_{35}\,\mathbf{a}_3$	=	$\left(ax_{35} + cz_{35}\cos\beta\right)\,\hat{\mathbf{x}} + by_{35}\,\hat{\mathbf{y}} + cz_{35}\sin\beta\,\hat{\mathbf{z}}$	(4e)	O XXIII
$\mathbf{B_{138}}$	=	$-x_{35}\,\mathbf{a}_1 + \left(y_{35} + \frac{1}{2}\right)\,\mathbf{a}_2 - \left(z_{35} - \frac{1}{2}\right)\,\mathbf{a}_3$	=	$-\left(ax_{35} + c\left(z_{35} - \frac{1}{2}\right)\cos\beta\right)\,\hat{\mathbf{x}} + b\left(y_{35} + \frac{1}{2}\right)\,\hat{\mathbf{y}} - c\left(z_{35} - \frac{1}{2}\right)\sin\beta\,\hat{\mathbf{z}}$	(4e)	O XXIII
$\mathbf{B_{139}}$	=	$-x_{35}\,\mathbf{a}_1 - y_{35}\,\mathbf{a}_2 - z_{35}\,\mathbf{a}_3$	=	$-\left(ax_{35} + cz_{35}\cos\beta\right)\,\hat{\mathbf{x}} - by_{35}\,\hat{\mathbf{y}} - cz_{35}\sin\beta\,\hat{\mathbf{z}}$	(4e)	O XXIII
$\mathbf{B_{140}}$	=	$x_{35}\,\mathbf{a}_1 - \left(y_{35} - \frac{1}{2}\right)\,\mathbf{a}_2 + \left(z_{35} + \frac{1}{2}\right)\,\mathbf{a}_3$	=	$\left(ax_{35} + c\left(z_{35} + \frac{1}{2}\right)\cos\beta\right)\,\hat{\mathbf{x}} - b\left(y_{35} - \frac{1}{2}\right)\,\hat{\mathbf{y}} + c\left(z_{35} + \frac{1}{2}\right)\sin\beta\,\hat{\mathbf{z}}$	(4e)	O XXIII
$\mathbf{B_{141}}$	=	$x_{36}\,\mathbf{a}_1 + y_{36}\,\mathbf{a}_2 + z_{36}\,\mathbf{a}_3$	=	$\left(ax_{36} + cz_{36}\cos\beta\right)\,\hat{\mathbf{x}} + by_{36}\,\hat{\mathbf{y}} + cz_{36}\sin\beta\,\hat{\mathbf{z}}$	(4e)	O XXIV
$\mathbf{B_{142}}$	=	$-x_{36}\,\mathbf{a}_1 + \left(y_{36} + \frac{1}{2}\right)\,\mathbf{a}_2 - \left(z_{36} - \frac{1}{2}\right)\,\mathbf{a}_3$	=	$-\left(ax_{36} + c\left(z_{36} - \frac{1}{2}\right)\cos\beta\right)\,\hat{\mathbf{x}} + b\left(y_{36} + \frac{1}{2}\right)\,\hat{\mathbf{y}} - c\left(z_{36} - \frac{1}{2}\right)\sin\beta\,\hat{\mathbf{z}}$	(4e)	O XXIV
$\mathbf{B_{143}}$	=	$-x_{36}\,\mathbf{a}_1 - y_{36}\,\mathbf{a}_2 - z_{36}\,\mathbf{a}_3$	=	$-\left(ax_{36} + cz_{36}\cos\beta\right)\,\hat{\mathbf{x}} - by_{36}\,\hat{\mathbf{y}} - cz_{36}\sin\beta\,\hat{\mathbf{z}}$	(4e)	O XXIV
$\mathbf{B_{144}}$	=	$x_{36}\,\mathbf{a}_1 - \left(y_{36} - \frac{1}{2}\right)\,\mathbf{a}_2 + \left(z_{36} + \frac{1}{2}\right)\,\mathbf{a}_3$	=	$\left(ax_{36} + c\left(z_{36} + \frac{1}{2}\right)\cos\beta\right)\,\hat{\mathbf{x}} - b\left(y_{36} - \frac{1}{2}\right)\,\hat{\mathbf{y}} + c\left(z_{36} + \frac{1}{2}\right)\sin\beta\,\hat{\mathbf{z}}$	(4e)	O XXIV

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