PCN-20 [$C_{14}CuO(H_2O)_4$] Structure: A14BC8D5_cF1344_209_7j_g_4j_g2j-001

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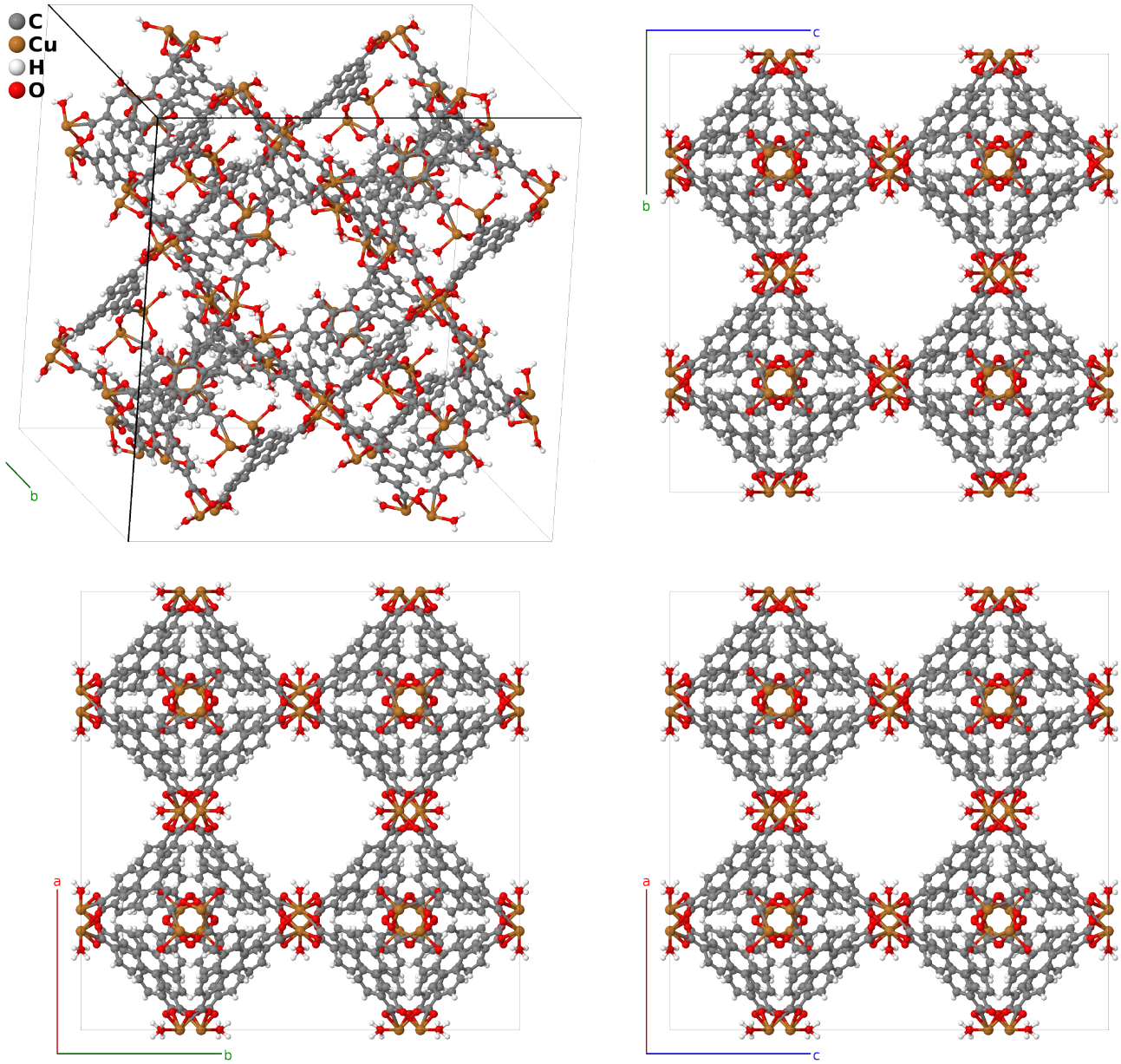
https://aflow.org/p/5WNB

https://aflow.org/p/A14BC8D5_cF1344_209_7j_g_4j_g2j-001



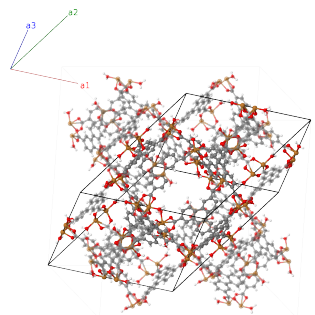
Prototype	$C_{14}CuH_8O_5$
AFLOW prototype label	A14BC8D5_cF1344_209_7j_g_4j_g2j-001
CCDC	685824
Pearson symbol	cF1344

Space group number	209
Space group symbol	$F432$
AFLOW prototype command	`aflow --proto=A14BC8D5_cF1344_209_7j_g_4j_g2j-001` `--params=`$a, y_1, y_2, x_3, y_3, z_3, x_4, y_4, z_4, x_5, y_5, z_5, x_6, y_6, z_6, x_7, y_7, z_7, x_8, y_8, z_8, x_9, y_9, z_9, x_{10}, y_{10}, z_{10}, x_{11}, y_{11}, z_{11}, x_{12}, y_{12}, z_{12}, x_{13}, y_{13}, z_{13}, x_{14}, y_{14}, z_{14}, x_{15}, y_{15}, z_{15}$

- "PCN" is an acronym for "porous coordination network."
- (Wang, 2009) list the atoms we have denoted H II as H3A and H3B, each half filled, but their two sites are identical, so we have combined them into one completely filled site.
- We shifted the origin by $1/2c\hat{z}$, moving the copper and O-I atoms from (48h) to (48g) Wyckoff positions.

Face-centered Cubic primitive vectors

$$\mathbf{a_1} = \tfrac{1}{2}a\,\hat{\mathbf{y}} + \tfrac{1}{2}a\,\hat{\mathbf{z}}$$
$$\mathbf{a_2} = \tfrac{1}{2}a\,\hat{\mathbf{x}} + \tfrac{1}{2}a\,\hat{\mathbf{z}}$$
$$\mathbf{a_3} = \tfrac{1}{2}a\,\hat{\mathbf{x}} + \tfrac{1}{2}a\,\hat{\mathbf{y}}$$



Basis vectors

		Lattice coordinates		Cartesian coordinates	Wyckoff position	Atom type
$\mathbf{B_1}$	=	$2y_1\,\mathbf{a}_1$	=	$ay_1\,\hat{\mathbf{y}} + ay_1\,\hat{\mathbf{z}}$	(48g)	Cu I
$\mathbf{B_2}$	=	$2y_1\,\mathbf{a}_2 - 2y_1\,\mathbf{a}_3$	=	$-ay_1\,\hat{\mathbf{y}} + ay_1\,\hat{\mathbf{z}}$	(48g)	Cu I
$\mathbf{B_3}$	=	$-2y_1\,\mathbf{a}_2 + 2y_1\,\mathbf{a}_3$	=	$ay_1\,\hat{\mathbf{y}} - ay_1\,\hat{\mathbf{z}}$	(48g)	Cu I
$\mathbf{B_4}$	=	$-2y_1\,\mathbf{a}_1$	=	$-ay_1\,\hat{\mathbf{y}} - ay_1\,\hat{\mathbf{z}}$	(48g)	Cu I
$\mathbf{B_5}$	=	$2y_1\,\mathbf{a}_2$	=	$ay_1\,\hat{\mathbf{x}} + ay_1\,\hat{\mathbf{z}}$	(48g)	Cu I
$\mathbf{B_6}$	=	$-2y_1\,\mathbf{a}_1 + 2y_1\,\mathbf{a}_3$	=	$ay_1\,\hat{\mathbf{x}} - ay_1\,\hat{\mathbf{z}}$	(48g)	Cu I
$\mathbf{B_7}$	=	$2y_1\,\mathbf{a}_1 - 2y_1\,\mathbf{a}_3$	=	$-ay_1\,\hat{\mathbf{x}} + ay_1\,\hat{\mathbf{z}}$	(48g)	Cu I
$\mathbf{B_8}$	=	$-2y_1\,\mathbf{a}_2$	=	$-ay_1\,\hat{\mathbf{x}} - ay_1\,\hat{\mathbf{z}}$	(48g)	Cu I
$\mathbf{B_9}$	=	$2y_1\,\mathbf{a}_3$	=	$ay_1\,\hat{\mathbf{x}} + ay_1\,\hat{\mathbf{y}}$	(48g)	Cu I
$\mathbf{B_{10}}$	=	$2y_1\,\mathbf{a}_1 - 2y_1\,\mathbf{a}_2$	=	$-ay_1\,\hat{\mathbf{x}} + ay_1\,\hat{\mathbf{y}}$	(48g)	Cu I
$\mathbf{B_{11}}$	=	$-2y_1\,\mathbf{a}_1 + 2y_1\,\mathbf{a}_2$	=	$ay_1\,\hat{\mathbf{x}} - ay_1\,\hat{\mathbf{y}}$	(48g)	Cu I
$\mathbf{B_{12}}$	=	$-2y_1\,\mathbf{a}_3$	=	$-ay_1\,\hat{\mathbf{x}} - ay_1\,\hat{\mathbf{y}}$	(48g)	Cu I
$\mathbf{B_{13}}$	=	$2y_2\,\mathbf{a}_1$	=	$ay_2\,\hat{\mathbf{y}} + ay_2\,\hat{\mathbf{z}}$	(48g)	O I
$\mathbf{B_{14}}$	=	$2y_2\,\mathbf{a}_2 - 2y_2\,\mathbf{a}_3$	=	$-ay_2\,\hat{\mathbf{y}} + ay_2\,\hat{\mathbf{z}}$	(48g)	O I
$\mathbf{B_{15}}$	=	$-2y_2\,\mathbf{a}_2 + 2y_2\,\mathbf{a}_3$	=	$ay_2\,\hat{\mathbf{y}} - ay_2\,\hat{\mathbf{z}}$	(48g)	O I
$\mathbf{B_{16}}$	=	$-2y_2\,\mathbf{a}_1$	=	$-ay_2\,\hat{\mathbf{y}} - ay_2\,\hat{\mathbf{z}}$	(48g)	O I
$\mathbf{B_{17}}$	=	$2y_2\,\mathbf{a}_2$	=	$ay_2\,\hat{\mathbf{x}} + ay_2\,\hat{\mathbf{z}}$	(48g)	O I

$\mathbf{B_{18}}$	$=$	$-2y_2\,\mathbf{a}_1 + 2y_2\,\mathbf{a}_3$	$=$	$ay_2\,\hat{\mathbf{x}} - ay_2\,\hat{\mathbf{z}}$	(48g)	O I
$\mathbf{B_{19}}$	$=$	$2y_2\,\mathbf{a}_1 - 2y_2\,\mathbf{a}_3$	$=$	$-ay_2\,\hat{\mathbf{x}} + ay_2\,\hat{\mathbf{z}}$	(48g)	O I
$\mathbf{B_{20}}$	$=$	$-2y_2\,\mathbf{a}_2$	$=$	$-ay_2\,\hat{\mathbf{x}} - ay_2\,\hat{\mathbf{z}}$	(48g)	O I
$\mathbf{B_{21}}$	$=$	$2y_2\,\mathbf{a}_3$	$=$	$ay_2\,\hat{\mathbf{x}} + ay_2\,\hat{\mathbf{y}}$	(48g)	O I
$\mathbf{B_{22}}$	$=$	$2y_2\,\mathbf{a}_1 - 2y_2\,\mathbf{a}_2$	$=$	$-ay_2\,\hat{\mathbf{x}} + ay_2\,\hat{\mathbf{y}}$	(48g)	O I
$\mathbf{B_{23}}$	$=$	$-2y_2\,\mathbf{a}_1 + 2y_2\,\mathbf{a}_2$	$=$	$ay_2\,\hat{\mathbf{x}} - ay_2\,\hat{\mathbf{y}}$	(48g)	O I
$\mathbf{B_{24}}$	$=$	$-2y_2\,\mathbf{a}_3$	$=$	$-ay_2\,\hat{\mathbf{x}} - ay_2\,\hat{\mathbf{y}}$	(48g)	O I
$\mathbf{B_{25}}$	$=$	$(-x_3 + y_3 + z_3)\,\mathbf{a}_1 + (x_3 - y_3 + z_3)\,\mathbf{a}_2 + (x_3 + y_3 - z_3)\,\mathbf{a}_3$	$=$	$ax_3\,\hat{\mathbf{x}} + ay_3\,\hat{\mathbf{y}} + az_3\,\hat{\mathbf{z}}$	(96j)	C I
$\mathbf{B_{26}}$	$=$	$(x_3 - y_3 + z_3)\,\mathbf{a}_1 + (-x_3 + y_3 + z_3)\,\mathbf{a}_2 - (x_3 + y_3 + z_3)\,\mathbf{a}_3$	$=$	$-ax_3\,\hat{\mathbf{x}} - ay_3\,\hat{\mathbf{y}} + az_3\,\hat{\mathbf{z}}$	(96j)	C I
$\mathbf{B_{27}}$	$=$	$(x_3 + y_3 - z_3)\,\mathbf{a}_1 - (x_3 + y_3 + z_3)\,\mathbf{a}_2 + (-x_3 + y_3 + z_3)\,\mathbf{a}_3$	$=$	$-ax_3\,\hat{\mathbf{x}} + ay_3\,\hat{\mathbf{y}} - az_3\,\hat{\mathbf{z}}$	(96j)	C I
$\mathbf{B_{28}}$	$=$	$-(x_3 + y_3 + z_3)\,\mathbf{a}_1 + (x_3 + y_3 - z_3)\,\mathbf{a}_2 + (x_3 - y_3 + z_3)\,\mathbf{a}_3$	$=$	$ax_3\,\hat{\mathbf{x}} - ay_3\,\hat{\mathbf{y}} - az_3\,\hat{\mathbf{z}}$	(96j)	C I
$\mathbf{B_{29}}$	$=$	$(x_3 + y_3 - z_3)\,\mathbf{a}_1 + (-x_3 + y_3 + z_3)\,\mathbf{a}_2 + (x_3 - y_3 + z_3)\,\mathbf{a}_3$	$=$	$az_3\,\hat{\mathbf{x}} + ax_3\,\hat{\mathbf{y}} + ay_3\,\hat{\mathbf{z}}$	(96j)	C I
$\mathbf{B_{30}}$	$=$	$-(x_3 + y_3 + z_3)\,\mathbf{a}_1 + (x_3 - y_3 + z_3)\,\mathbf{a}_2 + (-x_3 + y_3 + z_3)\,\mathbf{a}_3$	$=$	$az_3\,\hat{\mathbf{x}} - ax_3\,\hat{\mathbf{y}} - ay_3\,\hat{\mathbf{z}}$	(96j)	C I
$\mathbf{B_{31}}$	$=$	$(-x_3 + y_3 + z_3)\,\mathbf{a}_1 + (x_3 + y_3 - z_3)\,\mathbf{a}_2 - (x_3 + y_3 + z_3)\,\mathbf{a}_3$	$=$	$-az_3\,\hat{\mathbf{x}} - ax_3\,\hat{\mathbf{y}} + ay_3\,\hat{\mathbf{z}}$	(96j)	C I
$\mathbf{B_{32}}$	$=$	$(x_3 - y_3 + z_3)\,\mathbf{a}_1 - (x_3 + y_3 + z_3)\,\mathbf{a}_2 + (x_3 + y_3 - z_3)\,\mathbf{a}_3$	$=$	$-az_3\,\hat{\mathbf{x}} + ax_3\,\hat{\mathbf{y}} - ay_3\,\hat{\mathbf{z}}$	(96j)	C I
$\mathbf{B_{33}}$	$=$	$(x_3 - y_3 + z_3)\,\mathbf{a}_1 + (x_3 + y_3 - z_3)\,\mathbf{a}_2 + (-x_3 + y_3 + z_3)\,\mathbf{a}_3$	$=$	$ay_3\,\hat{\mathbf{x}} + az_3\,\hat{\mathbf{y}} + ax_3\,\hat{\mathbf{z}}$	(96j)	C I
$\mathbf{B_{34}}$	$=$	$(-x_3 + y_3 + z_3)\,\mathbf{a}_1 - (x_3 + y_3 + z_3)\,\mathbf{a}_2 + (x_3 - y_3 + z_3)\,\mathbf{a}_3$	$=$	$-ay_3\,\hat{\mathbf{x}} + az_3\,\hat{\mathbf{y}} - ax_3\,\hat{\mathbf{z}}$	(96j)	C I
$\mathbf{B_{35}}$	$=$	$-(x_3 + y_3 + z_3)\,\mathbf{a}_1 + (-x_3 + y_3 + z_3)\,\mathbf{a}_2 + (x_3 + y_3 - z_3)\,\mathbf{a}_3$	$=$	$ay_3\,\hat{\mathbf{x}} - az_3\,\hat{\mathbf{y}} - ax_3\,\hat{\mathbf{z}}$	(96j)	C I
$\mathbf{B_{36}}$	$=$	$(x_3 + y_3 - z_3)\,\mathbf{a}_1 + (x_3 - y_3 + z_3)\,\mathbf{a}_2 - (x_3 + y_3 + z_3)\,\mathbf{a}_3$	$=$	$-ay_3\,\hat{\mathbf{x}} - az_3\,\hat{\mathbf{y}} + ax_3\,\hat{\mathbf{z}}$	(96j)	C I
$\mathbf{B_{37}}$	$=$	$(x_3 - y_3 - z_3)\,\mathbf{a}_1 - (x_3 - y_3 + z_3)\,\mathbf{a}_2 + (x_3 + y_3 + z_3)\,\mathbf{a}_3$	$=$	$ay_3\,\hat{\mathbf{x}} + ax_3\,\hat{\mathbf{y}} - az_3\,\hat{\mathbf{z}}$	(96j)	C I
$\mathbf{B_{38}}$	$=$	$-(x_3 - y_3 + z_3)\,\mathbf{a}_1 + (x_3 - y_3 - z_3)\,\mathbf{a}_2 - (x_3 + y_3 - z_3)\,\mathbf{a}_3$	$=$	$-ay_3\,\hat{\mathbf{x}} - ax_3\,\hat{\mathbf{y}} - az_3\,\hat{\mathbf{z}}$	(96j)	C I

$\mathbf{B_{39}}$	$=$	$-(x_3+y_3-z_3)\,\mathbf{a}_1+(x_3+y_3+z_3)\,\mathbf{a}_2-(x_3-y_3+z_3)\,\mathbf{a}_3$	$=$	$ay_3\,\hat{\mathbf{x}}-ax_3\,\hat{\mathbf{y}}+az_3\,\hat{\mathbf{z}}$	(96j) C I
$\mathbf{B_{40}}$	$=$	$(x_3+y_3+z_3)\,\mathbf{a}_1-(x_3+y_3-z_3)\,\mathbf{a}_2+(x_3-y_3-z_3)\,\mathbf{a}_3$	$=$	$-ay_3\,\hat{\mathbf{x}}+ax_3\,\hat{\mathbf{y}}+az_3\,\hat{\mathbf{z}}$	(96j) C I
$\mathbf{B_{41}}$	$=$	$-(x_3+y_3-z_3)\,\mathbf{a}_1+(x_3-y_3-z_3)\,\mathbf{a}_2+(x_3+y_3+z_3)\,\mathbf{a}_3$	$=$	$ax_3\,\hat{\mathbf{x}}+az_3\,\hat{\mathbf{y}}-ay_3\,\hat{\mathbf{z}}$	(96j) C I
$\mathbf{B_{42}}$	$=$	$(x_3+y_3+z_3)\,\mathbf{a}_1-(x_3-y_3+z_3)\,\mathbf{a}_2-(x_3+y_3-z_3)\,\mathbf{a}_3$	$=$	$-ax_3\,\hat{\mathbf{x}}+az_3\,\hat{\mathbf{y}}+ay_3\,\hat{\mathbf{z}}$	(96j) C I
$\mathbf{B_{43}}$	$=$	$(x_3-y_3-z_3)\,\mathbf{a}_1-(x_3+y_3-z_3)\,\mathbf{a}_2-(x_3-y_3+z_3)\,\mathbf{a}_3$	$=$	$-ax_3\,\hat{\mathbf{x}}-az_3\,\hat{\mathbf{y}}-ay_3\,\hat{\mathbf{z}}$	(96j) C I
$\mathbf{B_{44}}$	$=$	$-(x_3-y_3+z_3)\,\mathbf{a}_1+(x_3+y_3+z_3)\,\mathbf{a}_2+(x_3-y_3-z_3)\,\mathbf{a}_3$	$=$	$ax_3\,\hat{\mathbf{x}}-az_3\,\hat{\mathbf{y}}+ay_3\,\hat{\mathbf{z}}$	(96j) C I
$\mathbf{B_{45}}$	$=$	$-(x_3-y_3+z_3)\,\mathbf{a}_1-(x_3+y_3-z_3)\,\mathbf{a}_2+(x_3+y_3+z_3)\,\mathbf{a}_3$	$=$	$az_3\,\hat{\mathbf{x}}+ay_3\,\hat{\mathbf{y}}-ax_3\,\hat{\mathbf{z}}$	(96j) C I
$\mathbf{B_{46}}$	$=$	$(x_3-y_3-z_3)\,\mathbf{a}_1+(x_3+y_3+z_3)\,\mathbf{a}_2-(x_3+y_3-z_3)\,\mathbf{a}_3$	$=$	$az_3\,\hat{\mathbf{x}}-ay_3\,\hat{\mathbf{y}}+ax_3\,\hat{\mathbf{z}}$	(96j) C I
$\mathbf{B_{47}}$	$=$	$(x_3+y_3+z_3)\,\mathbf{a}_1+(x_3-y_3-z_3)\,\mathbf{a}_2-(x_3-y_3+z_3)\,\mathbf{a}_3$	$=$	$-az_3\,\hat{\mathbf{x}}+ay_3\,\hat{\mathbf{y}}+ax_3\,\hat{\mathbf{z}}$	(96j) C I
$\mathbf{B_{48}}$	$=$	$-(x_3+y_3-z_3)\,\mathbf{a}_1-(x_3-y_3+z_3)\,\mathbf{a}_2+(x_3-y_3-z_3)\,\mathbf{a}_3$	$=$	$-az_3\,\hat{\mathbf{x}}-ay_3\,\hat{\mathbf{y}}-ax_3\,\hat{\mathbf{z}}$	(96j) C I
$\mathbf{B_{49}}$	$=$	$(-x_4+y_4+z_4)\,\mathbf{a}_1+(x_4-y_4+z_4)\,\mathbf{a}_2+(x_4+y_4-z_4)\,\mathbf{a}_3$	$=$	$ax_4\,\hat{\mathbf{x}}+ay_4\,\hat{\mathbf{y}}+az_4\,\hat{\mathbf{z}}$	(96j) C II
$\mathbf{B_{50}}$	$=$	$(x_4-y_4+z_4)\,\mathbf{a}_1+(-x_4+y_4+z_4)\,\mathbf{a}_2-(x_4+y_4+z_4)\,\mathbf{a}_3$	$=$	$-ax_4\,\hat{\mathbf{x}}-ay_4\,\hat{\mathbf{y}}+az_4\,\hat{\mathbf{z}}$	(96j) C II
$\mathbf{B_{51}}$	$=$	$(x_4+y_4-z_4)\,\mathbf{a}_1-(x_4+y_4+z_4)\,\mathbf{a}_2+(-x_4+y_4+z_4)\,\mathbf{a}_3$	$=$	$-ax_4\,\hat{\mathbf{x}}+ay_4\,\hat{\mathbf{y}}-az_4\,\hat{\mathbf{z}}$	(96j) C II
$\mathbf{B_{52}}$	$=$	$-(x_4+y_4+z_4)\,\mathbf{a}_1+(x_4+y_4-z_4)\,\mathbf{a}_2+(x_4-y_4+z_4)\,\mathbf{a}_3$	$=$	$ax_4\,\hat{\mathbf{x}}-ay_4\,\hat{\mathbf{y}}-az_4\,\hat{\mathbf{z}}$	(96j) C II
$\mathbf{B_{53}}$	$=$	$(x_4+y_4-z_4)\,\mathbf{a}_1+(-x_4+y_4+z_4)\,\mathbf{a}_2+(x_4-y_4+z_4)\,\mathbf{a}_3$	$=$	$az_4\,\hat{\mathbf{x}}+ax_4\,\hat{\mathbf{y}}+ay_4\,\hat{\mathbf{z}}$	(96j) C II
$\mathbf{B_{54}}$	$=$	$-(x_4+y_4+z_4)\,\mathbf{a}_1+(x_4-y_4+z_4)\,\mathbf{a}_2+(-x_4+y_4+z_4)\,\mathbf{a}_3$	$=$	$az_4\,\hat{\mathbf{x}}-ax_4\,\hat{\mathbf{y}}-ay_4\,\hat{\mathbf{z}}$	(96j) C II
$\mathbf{B_{55}}$	$=$	$(-x_4+y_4+z_4)\,\mathbf{a}_1+(x_4+y_4-z_4)\,\mathbf{a}_2-(x_4+y_4+z_4)\,\mathbf{a}_3$	$=$	$-az_4\,\hat{\mathbf{x}}-ax_4\,\hat{\mathbf{y}}+ay_4\,\hat{\mathbf{z}}$	(96j) C II

$\mathbf{B_{56}}$	$=$	$(x_4 - y_4 + z_4)\,\mathbf{a}_1 - (x_4 + y_4 + z_4)\,\mathbf{a}_2 + (x_4 + y_4 - z_4)\,\mathbf{a}_3$	$=$	$-az_4\,\hat{\mathbf{x}} + ax_4\,\hat{\mathbf{y}} - ay_4\,\hat{\mathbf{z}}$	(96j) C II
$\mathbf{B_{57}}$	$=$	$(x_4 - y_4 + z_4)\,\mathbf{a}_1 + (x_4 + y_4 - z_4)\,\mathbf{a}_2 + (-x_4 + y_4 + z_4)\,\mathbf{a}_3$	$=$	$ay_4\,\hat{\mathbf{x}} + az_4\,\hat{\mathbf{y}} + ax_4\,\hat{\mathbf{z}}$	(96j) C II
$\mathbf{B_{58}}$	$=$	$(-x_4 + y_4 + z_4)\,\mathbf{a}_1 - (x_4 + y_4 + z_4)\,\mathbf{a}_2 + (x_4 - y_4 + z_4)\,\mathbf{a}_3$	$=$	$-ay_4\,\hat{\mathbf{x}} + az_4\,\hat{\mathbf{y}} - ax_4\,\hat{\mathbf{z}}$	(96j) C II
$\mathbf{B_{59}}$	$=$	$-(x_4 + y_4 + z_4)\,\mathbf{a}_1 + (-x_4 + y_4 + z_4)\,\mathbf{a}_2 + (x_4 + y_4 - z_4)\,\mathbf{a}_3$	$=$	$ay_4\,\hat{\mathbf{x}} - az_4\,\hat{\mathbf{y}} - ax_4\,\hat{\mathbf{z}}$	(96j) C II
$\mathbf{B_{60}}$	$=$	$(x_4 + y_4 - z_4)\,\mathbf{a}_1 + (x_4 - y_4 + z_4)\,\mathbf{a}_2 - (x_4 + y_4 + z_4)\,\mathbf{a}_3$	$=$	$-ay_4\,\hat{\mathbf{x}} - az_4\,\hat{\mathbf{y}} + ax_4\,\hat{\mathbf{z}}$	(96j) C II
$\mathbf{B_{61}}$	$=$	$(x_4 - y_4 - z_4)\,\mathbf{a}_1 - (x_4 - y_4 + z_4)\,\mathbf{a}_2 + (x_4 + y_4 + z_4)\,\mathbf{a}_3$	$=$	$ay_4\,\hat{\mathbf{x}} + ax_4\,\hat{\mathbf{y}} - az_4\,\hat{\mathbf{z}}$	(96j) C II
$\mathbf{B_{62}}$	$=$	$-(x_4 - y_4 + z_4)\,\mathbf{a}_1 + (x_4 - y_4 - z_4)\,\mathbf{a}_2 - (x_4 + y_4 - z_4)\,\mathbf{a}_3$	$=$	$-ay_4\,\hat{\mathbf{x}} - ax_4\,\hat{\mathbf{y}} - az_4\,\hat{\mathbf{z}}$	(96j) C II
$\mathbf{B_{63}}$	$=$	$-(x_4 + y_4 - z_4)\,\mathbf{a}_1 + (x_4 + y_4 + z_4)\,\mathbf{a}_2 - (x_4 - y_4 + z_4)\,\mathbf{a}_3$	$=$	$ay_4\,\hat{\mathbf{x}} - ax_4\,\hat{\mathbf{y}} + az_4\,\hat{\mathbf{z}}$	(96j) C II
$\mathbf{B_{64}}$	$=$	$(x_4 + y_4 + z_4)\,\mathbf{a}_1 - (x_4 + y_4 - z_4)\,\mathbf{a}_2 + (x_4 - y_4 - z_4)\,\mathbf{a}_3$	$=$	$-ay_4\,\hat{\mathbf{x}} + ax_4\,\hat{\mathbf{y}} + az_4\,\hat{\mathbf{z}}$	(96j) C II
$\mathbf{B_{65}}$	$=$	$-(x_4 + y_4 - z_4)\,\mathbf{a}_1 + (x_4 - y_4 - z_4)\,\mathbf{a}_2 + (x_4 + y_4 + z_4)\,\mathbf{a}_3$	$=$	$ax_4\,\hat{\mathbf{x}} + az_4\,\hat{\mathbf{y}} - ay_4\,\hat{\mathbf{z}}$	(96j) C II
$\mathbf{B_{66}}$	$=$	$(x_4 + y_4 + z_4)\,\mathbf{a}_1 - (x_4 - y_4 + z_4)\,\mathbf{a}_2 - (x_4 + y_4 - z_4)\,\mathbf{a}_3$	$=$	$-ax_4\,\hat{\mathbf{x}} + az_4\,\hat{\mathbf{y}} + ay_4\,\hat{\mathbf{z}}$	(96j) C II
$\mathbf{B_{67}}$	$=$	$(x_4 - y_4 - z_4)\,\mathbf{a}_1 - (x_4 + y_4 - z_4)\,\mathbf{a}_2 - (x_4 - y_4 + z_4)\,\mathbf{a}_3$	$=$	$-ax_4\,\hat{\mathbf{x}} - az_4\,\hat{\mathbf{y}} - ay_4\,\hat{\mathbf{z}}$	(96j) C II
$\mathbf{B_{68}}$	$=$	$-(x_4 - y_4 + z_4)\,\mathbf{a}_1 + (x_4 + y_4 + z_4)\,\mathbf{a}_2 + (x_4 - y_4 - z_4)\,\mathbf{a}_3$	$=$	$ax_4\,\hat{\mathbf{x}} - az_4\,\hat{\mathbf{y}} + ay_4\,\hat{\mathbf{z}}$	(96j) C II
$\mathbf{B_{69}}$	$=$	$-(x_4 - y_4 + z_4)\,\mathbf{a}_1 - (x_4 + y_4 - z_4)\,\mathbf{a}_2 + (x_4 + y_4 + z_4)\,\mathbf{a}_3$	$=$	$az_4\,\hat{\mathbf{x}} + ay_4\,\hat{\mathbf{y}} - ax_4\,\hat{\mathbf{z}}$	(96j) C II
$\mathbf{B_{70}}$	$=$	$(x_4 - y_4 - z_4)\,\mathbf{a}_1 + (x_4 + y_4 + z_4)\,\mathbf{a}_2 - (x_4 + y_4 - z_4)\,\mathbf{a}_3$	$=$	$az_4\,\hat{\mathbf{x}} - ay_4\,\hat{\mathbf{y}} + ax_4\,\hat{\mathbf{z}}$	(96j) C II
$\mathbf{B_{71}}$	$=$	$(x_4 + y_4 + z_4)\,\mathbf{a}_1 + (x_4 - y_4 - z_4)\,\mathbf{a}_2 - (x_4 - y_4 + z_4)\,\mathbf{a}_3$	$=$	$-az_4\,\hat{\mathbf{x}} + ay_4\,\hat{\mathbf{y}} + ax_4\,\hat{\mathbf{z}}$	(96j) C II
$\mathbf{B_{72}}$	$=$	$-(x_4 + y_4 - z_4)\,\mathbf{a}_1 - (x_4 - y_4 + z_4)\,\mathbf{a}_2 + (x_4 - y_4 - z_4)\,\mathbf{a}_3$	$=$	$-az_4\,\hat{\mathbf{x}} - ay_4\,\hat{\mathbf{y}} - ax_4\,\hat{\mathbf{z}}$	(96j) C II

$\mathbf{B_{73}}$	$=$	$(-x_5+y_5+z_5)\,\mathbf{a}_1+$ $(x_5-y_5+z_5)\,\mathbf{a}_2+$ $(x_5+y_5-z_5)\,\mathbf{a}_3$	$=$	$ax_5\,\hat{\mathbf{x}}+ay_5\,\hat{\mathbf{y}}+az_5\,\hat{\mathbf{z}}$	(96j)	C III
$\mathbf{B_{74}}$	$=$	$(x_5-y_5+z_5)\,\mathbf{a}_1+$ $(-x_5+y_5+z_5)\,\mathbf{a}_2-$ $(x_5+y_5+z_5)\,\mathbf{a}_3$	$=$	$-ax_5\,\hat{\mathbf{x}}-ay_5\,\hat{\mathbf{y}}+az_5\,\hat{\mathbf{z}}$	(96j)	C III
$\mathbf{B_{75}}$	$=$	$(x_5+y_5-z_5)\,\mathbf{a}_1-$ $(x_5+y_5+z_5)\,\mathbf{a}_2+$ $(-x_5+y_5+z_5)\,\mathbf{a}_3$	$=$	$-ax_5\,\hat{\mathbf{x}}+ay_5\,\hat{\mathbf{y}}-az_5\,\hat{\mathbf{z}}$	(96j)	C III
$\mathbf{B_{76}}$	$=$	$-(x_5+y_5+z_5)\,\mathbf{a}_1+$ $(x_5+y_5-z_5)\,\mathbf{a}_2+$ $(x_5-y_5+z_5)\,\mathbf{a}_3$	$=$	$ax_5\,\hat{\mathbf{x}}-ay_5\,\hat{\mathbf{y}}-az_5\,\hat{\mathbf{z}}$	(96j)	C III
$\mathbf{B_{77}}$	$=$	$(x_5+y_5-z_5)\,\mathbf{a}_1+$ $(-x_5+y_5+z_5)\,\mathbf{a}_2+$ $(x_5-y_5+z_5)\,\mathbf{a}_3$	$=$	$az_5\,\hat{\mathbf{x}}+ax_5\,\hat{\mathbf{y}}+ay_5\,\hat{\mathbf{z}}$	(96j)	C III
$\mathbf{B_{78}}$	$=$	$-(x_5+y_5+z_5)\,\mathbf{a}_1+$ $(x_5-y_5+z_5)\,\mathbf{a}_2+$ $(-x_5+y_5+z_5)\,\mathbf{a}_3$	$=$	$az_5\,\hat{\mathbf{x}}-ax_5\,\hat{\mathbf{y}}-ay_5\,\hat{\mathbf{z}}$	(96j)	C III
$\mathbf{B_{79}}$	$=$	$(-x_5+y_5+z_5)\,\mathbf{a}_1+$ $(x_5+y_5-z_5)\,\mathbf{a}_2-$ $(x_5+y_5+z_5)\,\mathbf{a}_3$	$=$	$-az_5\,\hat{\mathbf{x}}-ax_5\,\hat{\mathbf{y}}+ay_5\,\hat{\mathbf{z}}$	(96j)	C III
$\mathbf{B_{80}}$	$=$	$(x_5-y_5+z_5)\,\mathbf{a}_1-$ $(x_5+y_5+z_5)\,\mathbf{a}_2+$ $(x_5+y_5-z_5)\,\mathbf{a}_3$	$=$	$-az_5\,\hat{\mathbf{x}}+ax_5\,\hat{\mathbf{y}}-ay_5\,\hat{\mathbf{z}}$	(96j)	C III
$\mathbf{B_{81}}$	$=$	$(x_5-y_5+z_5)\,\mathbf{a}_1+$ $(x_5+y_5-z_5)\,\mathbf{a}_2+$ $(-x_5+y_5+z_5)\,\mathbf{a}_3$	$=$	$ay_5\,\hat{\mathbf{x}}+az_5\,\hat{\mathbf{y}}+ax_5\,\hat{\mathbf{z}}$	(96j)	C III
$\mathbf{B_{82}}$	$=$	$(-x_5+y_5+z_5)\,\mathbf{a}_1-$ $(x_5+y_5+z_5)\,\mathbf{a}_2+$ $(x_5-y_5+z_5)\,\mathbf{a}_3$	$=$	$-ay_5\,\hat{\mathbf{x}}+az_5\,\hat{\mathbf{y}}-ax_5\,\hat{\mathbf{z}}$	(96j)	C III
$\mathbf{B_{83}}$	$=$	$-(x_5+y_5+z_5)\,\mathbf{a}_1+$ $(-x_5+y_5+z_5)\,\mathbf{a}_2+$ $(x_5+y_5-z_5)\,\mathbf{a}_3$	$=$	$ay_5\,\hat{\mathbf{x}}-az_5\,\hat{\mathbf{y}}-ax_5\,\hat{\mathbf{z}}$	(96j)	C III
$\mathbf{B_{84}}$	$=$	$(x_5+y_5-z_5)\,\mathbf{a}_1+$ $(x_5-y_5+z_5)\,\mathbf{a}_2-$ $(x_5+y_5+z_5)\,\mathbf{a}_3$	$=$	$-ay_5\,\hat{\mathbf{x}}-az_5\,\hat{\mathbf{y}}+ax_5\,\hat{\mathbf{z}}$	(96j)	C III
$\mathbf{B_{85}}$	$=$	$(x_5-y_5-z_5)\,\mathbf{a}_1-$ $(x_5-y_5+z_5)\,\mathbf{a}_2+$ $(x_5+y_5+z_5)\,\mathbf{a}_3$	$=$	$ay_5\,\hat{\mathbf{x}}+ax_5\,\hat{\mathbf{y}}-az_5\,\hat{\mathbf{z}}$	(96j)	C III
$\mathbf{B_{86}}$	$=$	$-(x_5-y_5+z_5)\,\mathbf{a}_1+$ $(x_5-y_5-z_5)\,\mathbf{a}_2-$ $(x_5+y_5-z_5)\,\mathbf{a}_3$	$=$	$-ay_5\,\hat{\mathbf{x}}-ax_5\,\hat{\mathbf{y}}-az_5\,\hat{\mathbf{z}}$	(96j)	C III
$\mathbf{B_{87}}$	$=$	$-(x_5+y_5-z_5)\,\mathbf{a}_1+$ $(x_5+y_5+z_5)\,\mathbf{a}_2-$ $(x_5-y_5+z_5)\,\mathbf{a}_3$	$=$	$ay_5\,\hat{\mathbf{x}}-ax_5\,\hat{\mathbf{y}}+az_5\,\hat{\mathbf{z}}$	(96j)	C III
$\mathbf{B_{88}}$	$=$	$(x_5+y_5+z_5)\,\mathbf{a}_1-$ $(x_5+y_5-z_5)\,\mathbf{a}_2+$ $(x_5-y_5-z_5)\,\mathbf{a}_3$	$=$	$-ay_5\,\hat{\mathbf{x}}+ax_5\,\hat{\mathbf{y}}+az_5\,\hat{\mathbf{z}}$	(96j)	C III
$\mathbf{B_{89}}$	$=$	$-(x_5+y_5-z_5)\,\mathbf{a}_1+$ $(x_5-y_5-z_5)\,\mathbf{a}_2+$ $(x_5+y_5+z_5)\,\mathbf{a}_3$	$=$	$ax_5\,\hat{\mathbf{x}}+az_5\,\hat{\mathbf{y}}-ay_5\,\hat{\mathbf{z}}$	(96j)	C III

$\mathbf{B_{90}}$	$=$	$(x_5+y_5+z_5)\,\mathbf{a}_1 - (x_5-y_5+z_5)\,\mathbf{a}_2 - (x_5+y_5-z_5)\,\mathbf{a}_3$	$=$	$-ax_5\,\hat{\mathbf{x}} + az_5\,\hat{\mathbf{y}} + ay_5\,\hat{\mathbf{z}}$	(96j) C III
$\mathbf{B_{91}}$	$=$	$(x_5-y_5-z_5)\,\mathbf{a}_1 - (x_5+y_5-z_5)\,\mathbf{a}_2 - (x_5-y_5+z_5)\,\mathbf{a}_3$	$=$	$-ax_5\,\hat{\mathbf{x}} - az_5\,\hat{\mathbf{y}} - ay_5\,\hat{\mathbf{z}}$	(96j) C III
$\mathbf{B_{92}}$	$=$	$-(x_5-y_5+z_5)\,\mathbf{a}_1 + (x_5+y_5+z_5)\,\mathbf{a}_2 + (x_5-y_5-z_5)\,\mathbf{a}_3$	$=$	$ax_5\,\hat{\mathbf{x}} - az_5\,\hat{\mathbf{y}} + ay_5\,\hat{\mathbf{z}}$	(96j) C III
$\mathbf{B_{93}}$	$=$	$-(x_5-y_5+z_5)\,\mathbf{a}_1 - (x_5+y_5-z_5)\,\mathbf{a}_2 + (x_5+y_5+z_5)\,\mathbf{a}_3$	$=$	$az_5\,\hat{\mathbf{x}} + ay_5\,\hat{\mathbf{y}} - ax_5\,\hat{\mathbf{z}}$	(96j) C III
$\mathbf{B_{94}}$	$=$	$(x_5-y_5-z_5)\,\mathbf{a}_1 + (x_5+y_5+z_5)\,\mathbf{a}_2 - (x_5+y_5-z_5)\,\mathbf{a}_3$	$=$	$az_5\,\hat{\mathbf{x}} - ay_5\,\hat{\mathbf{y}} + ax_5\,\hat{\mathbf{z}}$	(96j) C III
$\mathbf{B_{95}}$	$=$	$(x_5+y_5+z_5)\,\mathbf{a}_1 + (x_5-y_5-z_5)\,\mathbf{a}_2 - (x_5-y_5+z_5)\,\mathbf{a}_3$	$=$	$-az_5\,\hat{\mathbf{x}} + ay_5\,\hat{\mathbf{y}} + ax_5\,\hat{\mathbf{z}}$	(96j) C III
$\mathbf{B_{96}}$	$=$	$-(x_5+y_5-z_5)\,\mathbf{a}_1 - (x_5-y_5+z_5)\,\mathbf{a}_2 + (x_5-y_5-z_5)\,\mathbf{a}_3$	$=$	$-az_5\,\hat{\mathbf{x}} - ay_5\,\hat{\mathbf{y}} - ax_5\,\hat{\mathbf{z}}$	(96j) C III
$\mathbf{B_{97}}$	$=$	$(-x_6+y_6+z_6)\,\mathbf{a}_1 + (x_6-y_6+z_6)\,\mathbf{a}_2 + (x_6+y_6-z_6)\,\mathbf{a}_3$	$=$	$ax_6\,\hat{\mathbf{x}} + ay_6\,\hat{\mathbf{y}} + az_6\,\hat{\mathbf{z}}$	(96j) C IV
$\mathbf{B_{98}}$	$=$	$(x_6-y_6+z_6)\,\mathbf{a}_1 + (-x_6+y_6+z_6)\,\mathbf{a}_2 - (x_6+y_6+z_6)\,\mathbf{a}_3$	$=$	$-ax_6\,\hat{\mathbf{x}} - ay_6\,\hat{\mathbf{y}} + az_6\,\hat{\mathbf{z}}$	(96j) C IV
$\mathbf{B_{99}}$	$=$	$(x_6+y_6-z_6)\,\mathbf{a}_1 - (x_6+y_6+z_6)\,\mathbf{a}_2 + (-x_6+y_6+z_6)\,\mathbf{a}_3$	$=$	$-ax_6\,\hat{\mathbf{x}} + ay_6\,\hat{\mathbf{y}} - az_6\,\hat{\mathbf{z}}$	(96j) C IV
$\mathbf{B_{100}}$	$=$	$-(x_6+y_6+z_6)\,\mathbf{a}_1 + (x_6+y_6-z_6)\,\mathbf{a}_2 + (x_6-y_6+z_6)\,\mathbf{a}_3$	$=$	$ax_6\,\hat{\mathbf{x}} - ay_6\,\hat{\mathbf{y}} - az_6\,\hat{\mathbf{z}}$	(96j) C IV
$\mathbf{B_{101}}$	$=$	$(x_6+y_6-z_6)\,\mathbf{a}_1 + (-x_6+y_6+z_6)\,\mathbf{a}_2 + (x_6-y_6+z_6)\,\mathbf{a}_3$	$=$	$az_6\,\hat{\mathbf{x}} + ax_6\,\hat{\mathbf{y}} + ay_6\,\hat{\mathbf{z}}$	(96j) C IV
$\mathbf{B_{102}}$	$=$	$-(x_6+y_6+z_6)\,\mathbf{a}_1 + (x_6-y_6+z_6)\,\mathbf{a}_2 + (-x_6+y_6+z_6)\,\mathbf{a}_3$	$=$	$az_6\,\hat{\mathbf{x}} - ax_6\,\hat{\mathbf{y}} - ay_6\,\hat{\mathbf{z}}$	(96j) C IV
$\mathbf{B_{103}}$	$=$	$(-x_6+y_6+z_6)\,\mathbf{a}_1 + (x_6+y_6-z_6)\,\mathbf{a}_2 - (x_6+y_6+z_6)\,\mathbf{a}_3$	$=$	$-az_6\,\hat{\mathbf{x}} - ax_6\,\hat{\mathbf{y}} + ay_6\,\hat{\mathbf{z}}$	(96j) C IV
$\mathbf{B_{104}}$	$=$	$(x_6-y_6+z_6)\,\mathbf{a}_1 - (x_6+y_6+z_6)\,\mathbf{a}_2 + (x_6+y_6-z_6)\,\mathbf{a}_3$	$=$	$-az_6\,\hat{\mathbf{x}} + ax_6\,\hat{\mathbf{y}} - ay_6\,\hat{\mathbf{z}}$	(96j) C IV
$\mathbf{B_{105}}$	$=$	$(x_6-y_6+z_6)\,\mathbf{a}_1 + (x_6+y_6-z_6)\,\mathbf{a}_2 + (-x_6+y_6+z_6)\,\mathbf{a}_3$	$=$	$ay_6\,\hat{\mathbf{x}} + az_6\,\hat{\mathbf{y}} + ax_6\,\hat{\mathbf{z}}$	(96j) C IV
$\mathbf{B_{106}}$	$=$	$(-x_6+y_6+z_6)\,\mathbf{a}_1 - (x_6+y_6+z_6)\,\mathbf{a}_2 + (x_6-y_6+z_6)\,\mathbf{a}_3$	$=$	$-ay_6\,\hat{\mathbf{x}} + az_6\,\hat{\mathbf{y}} - ax_6\,\hat{\mathbf{z}}$	(96j) C IV

$\mathbf{B_{107}} =$	$-(x_6+y_6+z_6)\,\mathbf{a}_1 + (-x_6+y_6+z_6)\,\mathbf{a}_2 + (x_6+y_6-z_6)\,\mathbf{a}_3$	$=$	$ay_6\,\hat{\mathbf{x}} - az_6\,\hat{\mathbf{y}} - ax_6\,\hat{\mathbf{z}}$	(96j)	C IV
$\mathbf{B_{108}} =$	$(x_6+y_6-z_6)\,\mathbf{a}_1 + (x_6-y_6+z_6)\,\mathbf{a}_2 - (x_6+y_6+z_6)\,\mathbf{a}_3$	$=$	$-ay_6\,\hat{\mathbf{x}} - az_6\,\hat{\mathbf{y}} + ax_6\,\hat{\mathbf{z}}$	(96j)	C IV
$\mathbf{B_{109}} =$	$(x_6-y_6-z_6)\,\mathbf{a}_1 - (x_6-y_6+z_6)\,\mathbf{a}_2 + (x_6+y_6+z_6)\,\mathbf{a}_3$	$=$	$ay_6\,\hat{\mathbf{x}} + ax_6\,\hat{\mathbf{y}} - az_6\,\hat{\mathbf{z}}$	(96j)	C IV
$\mathbf{B_{110}} =$	$-(x_6-y_6+z_6)\,\mathbf{a}_1 + (x_6-y_6-z_6)\,\mathbf{a}_2 - (x_6+y_6-z_6)\,\mathbf{a}_3$	$=$	$-ay_6\,\hat{\mathbf{x}} - ax_6\,\hat{\mathbf{y}} - az_6\,\hat{\mathbf{z}}$	(96j)	C IV
$\mathbf{B_{111}} =$	$-(x_6+y_6-z_6)\,\mathbf{a}_1 + (x_6+y_6+z_6)\,\mathbf{a}_2 - (x_6-y_6+z_6)\,\mathbf{a}_3$	$=$	$ay_6\,\hat{\mathbf{x}} - ax_6\,\hat{\mathbf{y}} + az_6\,\hat{\mathbf{z}}$	(96j)	C IV
$\mathbf{B_{112}} =$	$(x_6+y_6+z_6)\,\mathbf{a}_1 - (x_6+y_6-z_6)\,\mathbf{a}_2 + (x_6-y_6-z_6)\,\mathbf{a}_3$	$=$	$-ay_6\,\hat{\mathbf{x}} + ax_6\,\hat{\mathbf{y}} + az_6\,\hat{\mathbf{z}}$	(96j)	C IV
$\mathbf{B_{113}} =$	$-(x_6+y_6-z_6)\,\mathbf{a}_1 + (x_6-y_6-z_6)\,\mathbf{a}_2 + (x_6+y_6+z_6)\,\mathbf{a}_3$	$=$	$ax_6\,\hat{\mathbf{x}} + az_6\,\hat{\mathbf{y}} - ay_6\,\hat{\mathbf{z}}$	(96j)	C IV
$\mathbf{B_{114}} =$	$(x_6+y_6+z_6)\,\mathbf{a}_1 - (x_6-y_6+z_6)\,\mathbf{a}_2 - (x_6+y_6-z_6)\,\mathbf{a}_3$	$=$	$-ax_6\,\hat{\mathbf{x}} + az_6\,\hat{\mathbf{y}} + ay_6\,\hat{\mathbf{z}}$	(96j)	C IV
$\mathbf{B_{115}} =$	$(x_6-y_6-z_6)\,\mathbf{a}_1 - (x_6+y_6-z_6)\,\mathbf{a}_2 - (x_6-y_6+z_6)\,\mathbf{a}_3$	$=$	$-ax_6\,\hat{\mathbf{x}} - az_6\,\hat{\mathbf{y}} - ay_6\,\hat{\mathbf{z}}$	(96j)	C IV
$\mathbf{B_{116}} =$	$-(x_6-y_6+z_6)\,\mathbf{a}_1 + (x_6+y_6+z_6)\,\mathbf{a}_2 + (x_6-y_6-z_6)\,\mathbf{a}_3$	$=$	$ax_6\,\hat{\mathbf{x}} - az_6\,\hat{\mathbf{y}} + ay_6\,\hat{\mathbf{z}}$	(96j)	C IV
$\mathbf{B_{117}} =$	$-(x_6-y_6+z_6)\,\mathbf{a}_1 - (x_6+y_6-z_6)\,\mathbf{a}_2 + (x_6+y_6+z_6)\,\mathbf{a}_3$	$=$	$az_6\,\hat{\mathbf{x}} + ay_6\,\hat{\mathbf{y}} - ax_6\,\hat{\mathbf{z}}$	(96j)	C IV
$\mathbf{B_{118}} =$	$(x_6-y_6-z_6)\,\mathbf{a}_1 + (x_6+y_6+z_6)\,\mathbf{a}_2 - (x_6+y_6-z_6)\,\mathbf{a}_3$	$=$	$az_6\,\hat{\mathbf{x}} - ay_6\,\hat{\mathbf{y}} + ax_6\,\hat{\mathbf{z}}$	(96j)	C IV
$\mathbf{B_{119}} =$	$(x_6+y_6+z_6)\,\mathbf{a}_1 + (x_6-y_6-z_6)\,\mathbf{a}_2 - (x_6-y_6+z_6)\,\mathbf{a}_3$	$=$	$-az_6\,\hat{\mathbf{x}} + ay_6\,\hat{\mathbf{y}} + ax_6\,\hat{\mathbf{z}}$	(96j)	C IV
$\mathbf{B_{120}} =$	$-(x_6+y_6-z_6)\,\mathbf{a}_1 - (x_6-y_6+z_6)\,\mathbf{a}_2 + (x_6-y_6-z_6)\,\mathbf{a}_3$	$=$	$-az_6\,\hat{\mathbf{x}} - ay_6\,\hat{\mathbf{y}} - ax_6\,\hat{\mathbf{z}}$	(96j)	C IV
$\mathbf{B_{121}} =$	$(-x_7+y_7+z_7)\,\mathbf{a}_1 + (x_7-y_7+z_7)\,\mathbf{a}_2 + (x_7+y_7-z_7)\,\mathbf{a}_3$	$=$	$ax_7\,\hat{\mathbf{x}} + ay_7\,\hat{\mathbf{y}} + az_7\,\hat{\mathbf{z}}$	(96j)	C V
$\mathbf{B_{122}} =$	$(x_7-y_7+z_7)\,\mathbf{a}_1 + (-x_7+y_7+z_7)\,\mathbf{a}_2 - (x_7+y_7+z_7)\,\mathbf{a}_3$	$=$	$-ax_7\,\hat{\mathbf{x}} - ay_7\,\hat{\mathbf{y}} + az_7\,\hat{\mathbf{z}}$	(96j)	C V
$\mathbf{B_{123}} =$	$(x_7+y_7-z_7)\,\mathbf{a}_1 - (x_7+y_7+z_7)\,\mathbf{a}_2 + (-x_7+y_7+z_7)\,\mathbf{a}_3$	$=$	$-ax_7\,\hat{\mathbf{x}} + ay_7\,\hat{\mathbf{y}} - az_7\,\hat{\mathbf{z}}$	(96j)	C V

$\mathbf{B_{124}} =$	$-(x_7+y_7+z_7)\,\mathbf{a}_1 + (x_7+y_7-z_7)\,\mathbf{a}_2 + (x_7-y_7+z_7)\,\mathbf{a}_3$	$=$	$ax_7\,\hat{\mathbf{x}} - ay_7\,\hat{\mathbf{y}} - az_7\,\hat{\mathbf{z}}$	(96j)	C V
$\mathbf{B_{125}} =$	$(x_7+y_7-z_7)\,\mathbf{a}_1 + (-x_7+y_7+z_7)\,\mathbf{a}_2 + (x_7-y_7+z_7)\,\mathbf{a}_3$	$=$	$az_7\,\hat{\mathbf{x}} + ax_7\,\hat{\mathbf{y}} + ay_7\,\hat{\mathbf{z}}$	(96j)	C V
$\mathbf{B_{126}} =$	$-(x_7+y_7+z_7)\,\mathbf{a}_1 + (x_7-y_7+z_7)\,\mathbf{a}_2 + (-x_7+y_7+z_7)\,\mathbf{a}_3$	$=$	$az_7\,\hat{\mathbf{x}} - ax_7\,\hat{\mathbf{y}} - ay_7\,\hat{\mathbf{z}}$	(96j)	C V
$\mathbf{B_{127}} =$	$(-x_7+y_7+z_7)\,\mathbf{a}_1 + (x_7+y_7-z_7)\,\mathbf{a}_2 - (x_7+y_7+z_7)\,\mathbf{a}_3$	$=$	$-az_7\,\hat{\mathbf{x}} - ax_7\,\hat{\mathbf{y}} + ay_7\,\hat{\mathbf{z}}$	(96j)	C V
$\mathbf{B_{128}} =$	$(x_7-y_7+z_7)\,\mathbf{a}_1 - (x_7+y_7+z_7)\,\mathbf{a}_2 + (x_7+y_7-z_7)\,\mathbf{a}_3$	$=$	$-az_7\,\hat{\mathbf{x}} + ax_7\,\hat{\mathbf{y}} - ay_7\,\hat{\mathbf{z}}$	(96j)	C V
$\mathbf{B_{129}} =$	$(x_7-y_7+z_7)\,\mathbf{a}_1 + (x_7+y_7-z_7)\,\mathbf{a}_2 + (-x_7+y_7+z_7)\,\mathbf{a}_3$	$=$	$ay_7\,\hat{\mathbf{x}} + az_7\,\hat{\mathbf{y}} + ax_7\,\hat{\mathbf{z}}$	(96j)	C V
$\mathbf{B_{130}} =$	$(-x_7+y_7+z_7)\,\mathbf{a}_1 - (x_7+y_7+z_7)\,\mathbf{a}_2 + (x_7-y_7+z_7)\,\mathbf{a}_3$	$=$	$-ay_7\,\hat{\mathbf{x}} + az_7\,\hat{\mathbf{y}} - ax_7\,\hat{\mathbf{z}}$	(96j)	C V
$\mathbf{B_{131}} =$	$-(x_7+y_7+z_7)\,\mathbf{a}_1 + (-x_7+y_7+z_7)\,\mathbf{a}_2 + (x_7+y_7-z_7)\,\mathbf{a}_3$	$=$	$ay_7\,\hat{\mathbf{x}} - az_7\,\hat{\mathbf{y}} - ax_7\,\hat{\mathbf{z}}$	(96j)	C V
$\mathbf{B_{132}} =$	$(x_7+y_7-z_7)\,\mathbf{a}_1 + (x_7-y_7+z_7)\,\mathbf{a}_2 - (x_7+y_7+z_7)\,\mathbf{a}_3$	$=$	$-ay_7\,\hat{\mathbf{x}} - az_7\,\hat{\mathbf{y}} + ax_7\,\hat{\mathbf{z}}$	(96j)	C V
$\mathbf{B_{133}} =$	$(x_7-y_7-z_7)\,\mathbf{a}_1 - (x_7-y_7+z_7)\,\mathbf{a}_2 + (x_7+y_7+z_7)\,\mathbf{a}_3$	$=$	$ay_7\,\hat{\mathbf{x}} + ax_7\,\hat{\mathbf{y}} - az_7\,\hat{\mathbf{z}}$	(96j)	C V
$\mathbf{B_{134}} =$	$-(x_7-y_7+z_7)\,\mathbf{a}_1 + (x_7-y_7-z_7)\,\mathbf{a}_2 - (x_7+y_7-z_7)\,\mathbf{a}_3$	$=$	$-ay_7\,\hat{\mathbf{x}} - ax_7\,\hat{\mathbf{y}} - az_7\,\hat{\mathbf{z}}$	(96j)	C V
$\mathbf{B_{135}} =$	$-(x_7+y_7-z_7)\,\mathbf{a}_1 + (x_7+y_7+z_7)\,\mathbf{a}_2 - (x_7-y_7+z_7)\,\mathbf{a}_3$	$=$	$ay_7\,\hat{\mathbf{x}} - ax_7\,\hat{\mathbf{y}} + az_7\,\hat{\mathbf{z}}$	(96j)	C V
$\mathbf{B_{136}} =$	$(x_7+y_7+z_7)\,\mathbf{a}_1 - (x_7+y_7-z_7)\,\mathbf{a}_2 + (x_7-y_7-z_7)\,\mathbf{a}_3$	$=$	$-ay_7\,\hat{\mathbf{x}} + ax_7\,\hat{\mathbf{y}} + az_7\,\hat{\mathbf{z}}$	(96j)	C V
$\mathbf{B_{137}} =$	$-(x_7+y_7-z_7)\,\mathbf{a}_1 + (x_7-y_7-z_7)\,\mathbf{a}_2 + (x_7+y_7+z_7)\,\mathbf{a}_3$	$=$	$ax_7\,\hat{\mathbf{x}} + az_7\,\hat{\mathbf{y}} - ay_7\,\hat{\mathbf{z}}$	(96j)	C V
$\mathbf{B_{138}} =$	$(x_7+y_7+z_7)\,\mathbf{a}_1 - (x_7-y_7+z_7)\,\mathbf{a}_2 - (x_7+y_7-z_7)\,\mathbf{a}_3$	$=$	$-ax_7\,\hat{\mathbf{x}} + az_7\,\hat{\mathbf{y}} + ay_7\,\hat{\mathbf{z}}$	(96j)	C V
$\mathbf{B_{139}} =$	$(x_7-y_7-z_7)\,\mathbf{a}_1 - (x_7+y_7-z_7)\,\mathbf{a}_2 - (x_7-y_7+z_7)\,\mathbf{a}_3$	$=$	$-ax_7\,\hat{\mathbf{x}} - az_7\,\hat{\mathbf{y}} - ay_7\,\hat{\mathbf{z}}$	(96j)	C V
$\mathbf{B_{140}} =$	$-(x_7-y_7+z_7)\,\mathbf{a}_1 + (x_7+y_7+z_7)\,\mathbf{a}_2 + (x_7-y_7-z_7)\,\mathbf{a}_3$	$=$	$ax_7\,\hat{\mathbf{x}} - az_7\,\hat{\mathbf{y}} + ay_7\,\hat{\mathbf{z}}$	(96j)	C V

$\mathbf{B_{141}} =$	$-(x_7 - y_7 + z_7)\,\mathbf{a}_1 - (x_7 + y_7 - z_7)\,\mathbf{a}_2 + (x_7 + y_7 + z_7)\,\mathbf{a}_3$	$=$	$az_7\,\hat{\mathbf{x}} + ay_7\,\hat{\mathbf{y}} - ax_7\,\hat{\mathbf{z}}$	(96j)	C V
$\mathbf{B_{142}} =$	$(x_7 - y_7 - z_7)\,\mathbf{a}_1 + (x_7 + y_7 + z_7)\,\mathbf{a}_2 - (x_7 + y_7 - z_7)\,\mathbf{a}_3$	$=$	$az_7\,\hat{\mathbf{x}} - ay_7\,\hat{\mathbf{y}} + ax_7\,\hat{\mathbf{z}}$	(96j)	C V
$\mathbf{B_{143}} =$	$(x_7 + y_7 + z_7)\,\mathbf{a}_1 + (x_7 - y_7 - z_7)\,\mathbf{a}_2 - (x_7 - y_7 + z_7)\,\mathbf{a}_3$	$=$	$-az_7\,\hat{\mathbf{x}} + ay_7\,\hat{\mathbf{y}} + ax_7\,\hat{\mathbf{z}}$	(96j)	C V
$\mathbf{B_{144}} =$	$-(x_7 + y_7 - z_7)\,\mathbf{a}_1 - (x_7 - y_7 + z_7)\,\mathbf{a}_2 + (x_7 - y_7 - z_7)\,\mathbf{a}_3$	$=$	$-az_7\,\hat{\mathbf{x}} - ay_7\,\hat{\mathbf{y}} - ax_7\,\hat{\mathbf{z}}$	(96j)	C V
$\mathbf{B_{145}} =$	$(-x_8 + y_8 + z_8)\,\mathbf{a}_1 + (x_8 - y_8 + z_8)\,\mathbf{a}_2 + (x_8 + y_8 - z_8)\,\mathbf{a}_3$	$=$	$ax_8\,\hat{\mathbf{x}} + ay_8\,\hat{\mathbf{y}} + az_8\,\hat{\mathbf{z}}$	(96j)	C VI
$\mathbf{B_{146}} =$	$(x_8 - y_8 + z_8)\,\mathbf{a}_1 + (-x_8 + y_8 + z_8)\,\mathbf{a}_2 - (x_8 + y_8 + z_8)\,\mathbf{a}_3$	$=$	$-ax_8\,\hat{\mathbf{x}} - ay_8\,\hat{\mathbf{y}} + az_8\,\hat{\mathbf{z}}$	(96j)	C VI
$\mathbf{B_{147}} =$	$(x_8 + y_8 - z_8)\,\mathbf{a}_1 - (x_8 + y_8 + z_8)\,\mathbf{a}_2 + (-x_8 + y_8 + z_8)\,\mathbf{a}_3$	$=$	$-ax_8\,\hat{\mathbf{x}} + ay_8\,\hat{\mathbf{y}} - az_8\,\hat{\mathbf{z}}$	(96j)	C VI
$\mathbf{B_{148}} =$	$-(x_8 + y_8 + z_8)\,\mathbf{a}_1 + (x_8 + y_8 - z_8)\,\mathbf{a}_2 + (x_8 - y_8 + z_8)\,\mathbf{a}_3$	$=$	$ax_8\,\hat{\mathbf{x}} - ay_8\,\hat{\mathbf{y}} - az_8\,\hat{\mathbf{z}}$	(96j)	C VI
$\mathbf{B_{149}} =$	$(x_8 + y_8 - z_8)\,\mathbf{a}_1 + (-x_8 + y_8 + z_8)\,\mathbf{a}_2 + (x_8 - y_8 + z_8)\,\mathbf{a}_3$	$=$	$az_8\,\hat{\mathbf{x}} + ax_8\,\hat{\mathbf{y}} + ay_8\,\hat{\mathbf{z}}$	(96j)	C VI
$\mathbf{B_{150}} =$	$-(x_8 + y_8 + z_8)\,\mathbf{a}_1 + (x_8 - y_8 + z_8)\,\mathbf{a}_2 + (-x_8 + y_8 + z_8)\,\mathbf{a}_3$	$=$	$az_8\,\hat{\mathbf{x}} - ax_8\,\hat{\mathbf{y}} - ay_8\,\hat{\mathbf{z}}$	(96j)	C VI
$\mathbf{B_{151}} =$	$(-x_8 + y_8 + z_8)\,\mathbf{a}_1 + (x_8 + y_8 - z_8)\,\mathbf{a}_2 - (x_8 + y_8 + z_8)\,\mathbf{a}_3$	$=$	$-az_8\,\hat{\mathbf{x}} - ax_8\,\hat{\mathbf{y}} + ay_8\,\hat{\mathbf{z}}$	(96j)	C VI
$\mathbf{B_{152}} =$	$(x_8 - y_8 + z_8)\,\mathbf{a}_1 - (x_8 + y_8 + z_8)\,\mathbf{a}_2 + (x_8 + y_8 - z_8)\,\mathbf{a}_3$	$=$	$-az_8\,\hat{\mathbf{x}} + ax_8\,\hat{\mathbf{y}} - ay_8\,\hat{\mathbf{z}}$	(96j)	C VI
$\mathbf{B_{153}} =$	$(x_8 - y_8 + z_8)\,\mathbf{a}_1 + (x_8 + y_8 - z_8)\,\mathbf{a}_2 + (-x_8 + y_8 + z_8)\,\mathbf{a}_3$	$=$	$ay_8\,\hat{\mathbf{x}} + az_8\,\hat{\mathbf{y}} + ax_8\,\hat{\mathbf{z}}$	(96j)	C VI
$\mathbf{B_{154}} =$	$(-x_8 + y_8 + z_8)\,\mathbf{a}_1 - (x_8 + y_8 + z_8)\,\mathbf{a}_2 + (x_8 - y_8 + z_8)\,\mathbf{a}_3$	$=$	$-ay_8\,\hat{\mathbf{x}} + az_8\,\hat{\mathbf{y}} - ax_8\,\hat{\mathbf{z}}$	(96j)	C VI
$\mathbf{B_{155}} =$	$-(x_8 + y_8 + z_8)\,\mathbf{a}_1 + (-x_8 + y_8 + z_8)\,\mathbf{a}_2 + (x_8 + y_8 - z_8)\,\mathbf{a}_3$	$=$	$ay_8\,\hat{\mathbf{x}} - az_8\,\hat{\mathbf{y}} - ax_8\,\hat{\mathbf{z}}$	(96j)	C VI
$\mathbf{B_{156}} =$	$(x_8 + y_8 - z_8)\,\mathbf{a}_1 + (x_8 - y_8 + z_8)\,\mathbf{a}_2 - (x_8 + y_8 + z_8)\,\mathbf{a}_3$	$=$	$-ay_8\,\hat{\mathbf{x}} - az_8\,\hat{\mathbf{y}} + ax_8\,\hat{\mathbf{z}}$	(96j)	C VI
$\mathbf{B_{157}} =$	$(x_8 - y_8 - z_8)\,\mathbf{a}_1 - (x_8 - y_8 + z_8)\,\mathbf{a}_2 + (x_8 + y_8 + z_8)\,\mathbf{a}_3$	$=$	$ay_8\,\hat{\mathbf{x}} + ax_8\,\hat{\mathbf{y}} - az_8\,\hat{\mathbf{z}}$	(96j)	C VI

$\mathbf{B_{158}} =$	$-(x_8 - y_8 + z_8)\,\mathbf{a}_1 + (x_8 - y_8 - z_8)\,\mathbf{a}_2 - (x_8 + y_8 - z_8)\,\mathbf{a}_3$	$=$	$-ay_8\,\hat{\mathbf{x}} - ax_8\,\hat{\mathbf{y}} - az_8\,\hat{\mathbf{z}}$	(96j)	C VI
$\mathbf{B_{159}} =$	$-(x_8 + y_8 - z_8)\,\mathbf{a}_1 + (x_8 + y_8 + z_8)\,\mathbf{a}_2 - (x_8 - y_8 + z_8)\,\mathbf{a}_3$	$=$	$ay_8\,\hat{\mathbf{x}} - ax_8\,\hat{\mathbf{y}} + az_8\,\hat{\mathbf{z}}$	(96j)	C VI
$\mathbf{B_{160}} =$	$(x_8 + y_8 + z_8)\,\mathbf{a}_1 - (x_8 + y_8 - z_8)\,\mathbf{a}_2 + (x_8 - y_8 - z_8)\,\mathbf{a}_3$	$=$	$-ay_8\,\hat{\mathbf{x}} + ax_8\,\hat{\mathbf{y}} + az_8\,\hat{\mathbf{z}}$	(96j)	C VI
$\mathbf{B_{161}} =$	$-(x_8 + y_8 - z_8)\,\mathbf{a}_1 + (x_8 - y_8 - z_8)\,\mathbf{a}_2 + (x_8 + y_8 + z_8)\,\mathbf{a}_3$	$=$	$ax_8\,\hat{\mathbf{x}} + az_8\,\hat{\mathbf{y}} - ay_8\,\hat{\mathbf{z}}$	(96j)	C VI
$\mathbf{B_{162}} =$	$(x_8 + y_8 + z_8)\,\mathbf{a}_1 - (x_8 - y_8 + z_8)\,\mathbf{a}_2 - (x_8 + y_8 - z_8)\,\mathbf{a}_3$	$=$	$-ax_8\,\hat{\mathbf{x}} + az_8\,\hat{\mathbf{y}} + ay_8\,\hat{\mathbf{z}}$	(96j)	C VI
$\mathbf{B_{163}} =$	$(x_8 - y_8 - z_8)\,\mathbf{a}_1 - (x_8 + y_8 - z_8)\,\mathbf{a}_2 - (x_8 - y_8 + z_8)\,\mathbf{a}_3$	$=$	$-ax_8\,\hat{\mathbf{x}} - az_8\,\hat{\mathbf{y}} - ay_8\,\hat{\mathbf{z}}$	(96j)	C VI
$\mathbf{B_{164}} =$	$-(x_8 - y_8 + z_8)\,\mathbf{a}_1 + (x_8 + y_8 + z_8)\,\mathbf{a}_2 + (x_8 - y_8 - z_8)\,\mathbf{a}_3$	$=$	$ax_8\,\hat{\mathbf{x}} - az_8\,\hat{\mathbf{y}} + ay_8\,\hat{\mathbf{z}}$	(96j)	C VI
$\mathbf{B_{165}} =$	$-(x_8 - y_8 + z_8)\,\mathbf{a}_1 - (x_8 + y_8 - z_8)\,\mathbf{a}_2 + (x_8 + y_8 + z_8)\,\mathbf{a}_3$	$=$	$az_8\,\hat{\mathbf{x}} + ay_8\,\hat{\mathbf{y}} - ax_8\,\hat{\mathbf{z}}$	(96j)	C VI
$\mathbf{B_{166}} =$	$(x_8 - y_8 - z_8)\,\mathbf{a}_1 + (x_8 + y_8 + z_8)\,\mathbf{a}_2 - (x_8 + y_8 - z_8)\,\mathbf{a}_3$	$=$	$az_8\,\hat{\mathbf{x}} - ay_8\,\hat{\mathbf{y}} + ax_8\,\hat{\mathbf{z}}$	(96j)	C VI
$\mathbf{B_{167}} =$	$(x_8 + y_8 + z_8)\,\mathbf{a}_1 + (x_8 - y_8 - z_8)\,\mathbf{a}_2 - (x_8 - y_8 + z_8)\,\mathbf{a}_3$	$=$	$-az_8\,\hat{\mathbf{x}} + ay_8\,\hat{\mathbf{y}} + ax_8\,\hat{\mathbf{z}}$	(96j)	C VI
$\mathbf{B_{168}} =$	$-(x_8 + y_8 - z_8)\,\mathbf{a}_1 - (x_8 - y_8 + z_8)\,\mathbf{a}_2 + (x_8 - y_8 - z_8)\,\mathbf{a}_3$	$=$	$-az_8\,\hat{\mathbf{x}} - ay_8\,\hat{\mathbf{y}} - ax_8\,\hat{\mathbf{z}}$	(96j)	C VI
$\mathbf{B_{169}} =$	$(-x_9 + y_9 + z_9)\,\mathbf{a}_1 + (x_9 - y_9 + z_9)\,\mathbf{a}_2 + (x_9 + y_9 - z_9)\,\mathbf{a}_3$	$=$	$ax_9\,\hat{\mathbf{x}} + ay_9\,\hat{\mathbf{y}} + az_9\,\hat{\mathbf{z}}$	(96j)	C VII
$\mathbf{B_{170}} =$	$(x_9 - y_9 + z_9)\,\mathbf{a}_1 + (-x_9 + y_9 + z_9)\,\mathbf{a}_2 - (x_9 + y_9 + z_9)\,\mathbf{a}_3$	$=$	$-ax_9\,\hat{\mathbf{x}} - ay_9\,\hat{\mathbf{y}} + az_9\,\hat{\mathbf{z}}$	(96j)	C VII
$\mathbf{B_{171}} =$	$(x_9 + y_9 - z_9)\,\mathbf{a}_1 - (x_9 + y_9 + z_9)\,\mathbf{a}_2 + (-x_9 + y_9 + z_9)\,\mathbf{a}_3$	$=$	$-ax_9\,\hat{\mathbf{x}} + ay_9\,\hat{\mathbf{y}} - az_9\,\hat{\mathbf{z}}$	(96j)	C VII
$\mathbf{B_{172}} =$	$-(x_9 + y_9 + z_9)\,\mathbf{a}_1 + (x_9 + y_9 - z_9)\,\mathbf{a}_2 + (x_9 - y_9 + z_9)\,\mathbf{a}_3$	$=$	$ax_9\,\hat{\mathbf{x}} - ay_9\,\hat{\mathbf{y}} - az_9\,\hat{\mathbf{z}}$	(96j)	C VII
$\mathbf{B_{173}} =$	$(x_9 + y_9 - z_9)\,\mathbf{a}_1 + (-x_9 + y_9 + z_9)\,\mathbf{a}_2 + (x_9 - y_9 + z_9)\,\mathbf{a}_3$	$=$	$az_9\,\hat{\mathbf{x}} + ax_9\,\hat{\mathbf{y}} + ay_9\,\hat{\mathbf{z}}$	(96j)	C VII
$\mathbf{B_{174}} =$	$-(x_9 + y_9 + z_9)\,\mathbf{a}_1 + (x_9 - y_9 + z_9)\,\mathbf{a}_2 + (-x_9 + y_9 + z_9)\,\mathbf{a}_3$	$=$	$az_9\,\hat{\mathbf{x}} - ax_9\,\hat{\mathbf{y}} - ay_9\,\hat{\mathbf{z}}$	(96j)	C VII

$\mathbf{B_{175}} =$	$(-x_9+y_9+z_9)\,\mathbf{a}_1 + (x_9+y_9-z_9)\,\mathbf{a}_2 - (x_9+y_9+z_9)\,\mathbf{a}_3$	$=$	$-az_9\,\hat{\mathbf{x}} - ax_9\,\hat{\mathbf{y}} + ay_9\,\hat{\mathbf{z}}$	(96j)	C VII
$\mathbf{B_{176}} =$	$(x_9-y_9+z_9)\,\mathbf{a}_1 - (x_9+y_9+z_9)\,\mathbf{a}_2 + (x_9+y_9-z_9)\,\mathbf{a}_3$	$=$	$-az_9\,\hat{\mathbf{x}} + ax_9\,\hat{\mathbf{y}} - ay_9\,\hat{\mathbf{z}}$	(96j)	C VII
$\mathbf{B_{177}} =$	$(x_9-y_9+z_9)\,\mathbf{a}_1 + (x_9+y_9-z_9)\,\mathbf{a}_2 + (-x_9+y_9+z_9)\,\mathbf{a}_3$	$=$	$ay_9\,\hat{\mathbf{x}} + az_9\,\hat{\mathbf{y}} + ax_9\,\hat{\mathbf{z}}$	(96j)	C VII
$\mathbf{B_{178}} =$	$(-x_9+y_9+z_9)\,\mathbf{a}_1 - (x_9+y_9+z_9)\,\mathbf{a}_2 + (x_9-y_9+z_9)\,\mathbf{a}_3$	$=$	$-ay_9\,\hat{\mathbf{x}} + az_9\,\hat{\mathbf{y}} - ax_9\,\hat{\mathbf{z}}$	(96j)	C VII
$\mathbf{B_{179}} =$	$-(x_9+y_9+z_9)\,\mathbf{a}_1 + (-x_9+y_9+z_9)\,\mathbf{a}_2 + (x_9+y_9-z_9)\,\mathbf{a}_3$	$=$	$ay_9\,\hat{\mathbf{x}} - az_9\,\hat{\mathbf{y}} - ax_9\,\hat{\mathbf{z}}$	(96j)	C VII
$\mathbf{B_{180}} =$	$(x_9+y_9-z_9)\,\mathbf{a}_1 + (x_9-y_9+z_9)\,\mathbf{a}_2 - (x_9+y_9+z_9)\,\mathbf{a}_3$	$=$	$-ay_9\,\hat{\mathbf{x}} - az_9\,\hat{\mathbf{y}} + ax_9\,\hat{\mathbf{z}}$	(96j)	C VII
$\mathbf{B_{181}} =$	$(x_9-y_9-z_9)\,\mathbf{a}_1 - (x_9-y_9+z_9)\,\mathbf{a}_2 + (x_9+y_9+z_9)\,\mathbf{a}_3$	$=$	$ay_9\,\hat{\mathbf{x}} + ax_9\,\hat{\mathbf{y}} - az_9\,\hat{\mathbf{z}}$	(96j)	C VII
$\mathbf{B_{182}} =$	$-(x_9-y_9+z_9)\,\mathbf{a}_1 + (x_9-y_9-z_9)\,\mathbf{a}_2 - (x_9+y_9-z_9)\,\mathbf{a}_3$	$=$	$-ay_9\,\hat{\mathbf{x}} - ax_9\,\hat{\mathbf{y}} - az_9\,\hat{\mathbf{z}}$	(96j)	C VII
$\mathbf{B_{183}} =$	$-(x_9+y_9-z_9)\,\mathbf{a}_1 + (x_9+y_9+z_9)\,\mathbf{a}_2 - (x_9-y_9+z_9)\,\mathbf{a}_3$	$=$	$ay_9\,\hat{\mathbf{x}} - ax_9\,\hat{\mathbf{y}} + az_9\,\hat{\mathbf{z}}$	(96j)	C VII
$\mathbf{B_{184}} =$	$(x_9+y_9+z_9)\,\mathbf{a}_1 - (x_9+y_9-z_9)\,\mathbf{a}_2 + (x_9-y_9-z_9)\,\mathbf{a}_3$	$=$	$-ay_9\,\hat{\mathbf{x}} + ax_9\,\hat{\mathbf{y}} + az_9\,\hat{\mathbf{z}}$	(96j)	C VII
$\mathbf{B_{185}} =$	$-(x_9+y_9-z_9)\,\mathbf{a}_1 + (x_9-y_9-z_9)\,\mathbf{a}_2 + (x_9+y_9+z_9)\,\mathbf{a}_3$	$=$	$ax_9\,\hat{\mathbf{x}} + az_9\,\hat{\mathbf{y}} - ay_9\,\hat{\mathbf{z}}$	(96j)	C VII
$\mathbf{B_{186}} =$	$(x_9+y_9+z_9)\,\mathbf{a}_1 - (x_9-y_9+z_9)\,\mathbf{a}_2 - (x_9+y_9-z_9)\,\mathbf{a}_3$	$=$	$-ax_9\,\hat{\mathbf{x}} + az_9\,\hat{\mathbf{y}} + ay_9\,\hat{\mathbf{z}}$	(96j)	C VII
$\mathbf{B_{187}} =$	$(x_9-y_9-z_9)\,\mathbf{a}_1 - (x_9+y_9-z_9)\,\mathbf{a}_2 - (x_9-y_9+z_9)\,\mathbf{a}_3$	$=$	$-ax_9\,\hat{\mathbf{x}} - az_9\,\hat{\mathbf{y}} - ay_9\,\hat{\mathbf{z}}$	(96j)	C VII
$\mathbf{B_{188}} =$	$-(x_9-y_9+z_9)\,\mathbf{a}_1 + (x_9+y_9+z_9)\,\mathbf{a}_2 + (x_9-y_9-z_9)\,\mathbf{a}_3$	$=$	$ax_9\,\hat{\mathbf{x}} - az_9\,\hat{\mathbf{y}} + ay_9\,\hat{\mathbf{z}}$	(96j)	C VII
$\mathbf{B_{189}} =$	$-(x_9-y_9+z_9)\,\mathbf{a}_1 - (x_9+y_9-z_9)\,\mathbf{a}_2 + (x_9+y_9+z_9)\,\mathbf{a}_3$	$=$	$az_9\,\hat{\mathbf{x}} + ay_9\,\hat{\mathbf{y}} - ax_9\,\hat{\mathbf{z}}$	(96j)	C VII
$\mathbf{B_{190}} =$	$(x_9-y_9-z_9)\,\mathbf{a}_1 + (x_9+y_9+z_9)\,\mathbf{a}_2 - (x_9+y_9-z_9)\,\mathbf{a}_3$	$=$	$az_9\,\hat{\mathbf{x}} - ay_9\,\hat{\mathbf{y}} + ax_9\,\hat{\mathbf{z}}$	(96j)	C VII
$\mathbf{B_{191}} =$	$(x_9+y_9+z_9)\,\mathbf{a}_1 + (x_9-y_9-z_9)\,\mathbf{a}_2 - (x_9-y_9+z_9)\,\mathbf{a}_3$	$=$	$-az_9\,\hat{\mathbf{x}} + ay_9\,\hat{\mathbf{y}} + ax_9\,\hat{\mathbf{z}}$	(96j)	C VII

$\mathbf{B_{192}} =$	$-(x_9+y_9-z_9)\,\mathbf{a}_1 - (x_9-y_9+z_9)\,\mathbf{a}_2 + (x_9-y_9-z_9)\,\mathbf{a}_3$	$=$	$-az_9\,\hat{\mathbf{x}} - ay_9\,\hat{\mathbf{y}} - ax_9\,\hat{\mathbf{z}}$	(96j)	C VII
$\mathbf{B_{193}} =$	$(-x_{10}+y_{10}+z_{10})\,\mathbf{a}_1 + (x_{10}-y_{10}+z_{10})\,\mathbf{a}_2 + (x_{10}+y_{10}-z_{10})\,\mathbf{a}_3$	$=$	$ax_{10}\,\hat{\mathbf{x}} + ay_{10}\,\hat{\mathbf{y}} + az_{10}\,\hat{\mathbf{z}}$	(96j)	H I
$\mathbf{B_{194}} =$	$(x_{10}-y_{10}+z_{10})\,\mathbf{a}_1 + (-x_{10}+y_{10}+z_{10})\,\mathbf{a}_2 - (x_{10}+y_{10}+z_{10})\,\mathbf{a}_3$	$=$	$-ax_{10}\,\hat{\mathbf{x}} - ay_{10}\,\hat{\mathbf{y}} + az_{10}\,\hat{\mathbf{z}}$	(96j)	H I
$\mathbf{B_{195}} =$	$(x_{10}+y_{10}-z_{10})\,\mathbf{a}_1 - (x_{10}+y_{10}+z_{10})\,\mathbf{a}_2 + (-x_{10}+y_{10}+z_{10})\,\mathbf{a}_3$	$=$	$-ax_{10}\,\hat{\mathbf{x}} + ay_{10}\,\hat{\mathbf{y}} - az_{10}\,\hat{\mathbf{z}}$	(96j)	H I
$\mathbf{B_{196}} =$	$-(x_{10}+y_{10}+z_{10})\,\mathbf{a}_1 + (x_{10}+y_{10}-z_{10})\,\mathbf{a}_2 + (x_{10}-y_{10}+z_{10})\,\mathbf{a}_3$	$=$	$ax_{10}\,\hat{\mathbf{x}} - ay_{10}\,\hat{\mathbf{y}} - az_{10}\,\hat{\mathbf{z}}$	(96j)	H I
$\mathbf{B_{197}} =$	$(x_{10}+y_{10}-z_{10})\,\mathbf{a}_1 + (-x_{10}+y_{10}+z_{10})\,\mathbf{a}_2 + (x_{10}-y_{10}+z_{10})\,\mathbf{a}_3$	$=$	$az_{10}\,\hat{\mathbf{x}} + ax_{10}\,\hat{\mathbf{y}} + ay_{10}\,\hat{\mathbf{z}}$	(96j)	H I
$\mathbf{B_{198}} =$	$-(x_{10}+y_{10}+z_{10})\,\mathbf{a}_1 + (x_{10}-y_{10}+z_{10})\,\mathbf{a}_2 + (-x_{10}+y_{10}+z_{10})\,\mathbf{a}_3$	$=$	$az_{10}\,\hat{\mathbf{x}} - ax_{10}\,\hat{\mathbf{y}} - ay_{10}\,\hat{\mathbf{z}}$	(96j)	H I
$\mathbf{B_{199}} =$	$(-x_{10}+y_{10}+z_{10})\,\mathbf{a}_1 + (x_{10}+y_{10}-z_{10})\,\mathbf{a}_2 - (x_{10}+y_{10}+z_{10})\,\mathbf{a}_3$	$=$	$-az_{10}\,\hat{\mathbf{x}} - ax_{10}\,\hat{\mathbf{y}} + ay_{10}\,\hat{\mathbf{z}}$	(96j)	H I
$\mathbf{B_{200}} =$	$(x_{10}-y_{10}+z_{10})\,\mathbf{a}_1 - (x_{10}+y_{10}+z_{10})\,\mathbf{a}_2 + (x_{10}+y_{10}-z_{10})\,\mathbf{a}_3$	$=$	$-az_{10}\,\hat{\mathbf{x}} + ax_{10}\,\hat{\mathbf{y}} - ay_{10}\,\hat{\mathbf{z}}$	(96j)	H I
$\mathbf{B_{201}} =$	$(x_{10}-y_{10}+z_{10})\,\mathbf{a}_1 + (x_{10}+y_{10}-z_{10})\,\mathbf{a}_2 + (-x_{10}+y_{10}+z_{10})\,\mathbf{a}_3$	$=$	$ay_{10}\,\hat{\mathbf{x}} + az_{10}\,\hat{\mathbf{y}} + ax_{10}\,\hat{\mathbf{z}}$	(96j)	H I
$\mathbf{B_{202}} =$	$(-x_{10}+y_{10}+z_{10})\,\mathbf{a}_1 - (x_{10}+y_{10}+z_{10})\,\mathbf{a}_2 + (x_{10}-y_{10}+z_{10})\,\mathbf{a}_3$	$=$	$-ay_{10}\,\hat{\mathbf{x}} + az_{10}\,\hat{\mathbf{y}} - ax_{10}\,\hat{\mathbf{z}}$	(96j)	H I
$\mathbf{B_{203}} =$	$-(x_{10}+y_{10}+z_{10})\,\mathbf{a}_1 + (-x_{10}+y_{10}+z_{10})\,\mathbf{a}_2 + (x_{10}+y_{10}-z_{10})\,\mathbf{a}_3$	$=$	$ay_{10}\,\hat{\mathbf{x}} - az_{10}\,\hat{\mathbf{y}} - ax_{10}\,\hat{\mathbf{z}}$	(96j)	H I
$\mathbf{B_{204}} =$	$(x_{10}+y_{10}-z_{10})\,\mathbf{a}_1 + (x_{10}-y_{10}+z_{10})\,\mathbf{a}_2 - (x_{10}+y_{10}+z_{10})\,\mathbf{a}_3$	$=$	$-ay_{10}\,\hat{\mathbf{x}} - az_{10}\,\hat{\mathbf{y}} + ax_{10}\,\hat{\mathbf{z}}$	(96j)	H I
$\mathbf{B_{205}} =$	$(x_{10}-y_{10}-z_{10})\,\mathbf{a}_1 - (x_{10}-y_{10}+z_{10})\,\mathbf{a}_2 + (x_{10}+y_{10}+z_{10})\,\mathbf{a}_3$	$=$	$ay_{10}\,\hat{\mathbf{x}} + ax_{10}\,\hat{\mathbf{y}} - az_{10}\,\hat{\mathbf{z}}$	(96j)	H I
$\mathbf{B_{206}} =$	$-(x_{10}-y_{10}+z_{10})\,\mathbf{a}_1 + (x_{10}-y_{10}-z_{10})\,\mathbf{a}_2 - (x_{10}+y_{10}-z_{10})\,\mathbf{a}_3$	$=$	$-ay_{10}\,\hat{\mathbf{x}} - ax_{10}\,\hat{\mathbf{y}} - az_{10}\,\hat{\mathbf{z}}$	(96j)	H I
$\mathbf{B_{207}} =$	$-(x_{10}+y_{10}-z_{10})\,\mathbf{a}_1 + (x_{10}+y_{10}+z_{10})\,\mathbf{a}_2 - (x_{10}-y_{10}+z_{10})\,\mathbf{a}_3$	$=$	$ay_{10}\,\hat{\mathbf{x}} - ax_{10}\,\hat{\mathbf{y}} + az_{10}\,\hat{\mathbf{z}}$	(96j)	H I
$\mathbf{B_{208}} =$	$(x_{10}+y_{10}+z_{10})\,\mathbf{a}_1 - (x_{10}+y_{10}-z_{10})\,\mathbf{a}_2 + (x_{10}-y_{10}-z_{10})\,\mathbf{a}_3$	$=$	$-ay_{10}\,\hat{\mathbf{x}} + ax_{10}\,\hat{\mathbf{y}} + az_{10}\,\hat{\mathbf{z}}$	(96j)	H I

$\mathbf{B_{209}} =$	$-(x_{10}+y_{10}-z_{10})\,\mathbf{a}_1 + (x_{10}-y_{10}-z_{10})\,\mathbf{a}_2 + (x_{10}+y_{10}+z_{10})\,\mathbf{a}_3$	$=$	$ax_{10}\,\hat{\mathbf{x}} + az_{10}\,\hat{\mathbf{y}} - ay_{10}\,\hat{\mathbf{z}}$	(96j)	H I
$\mathbf{B_{210}} =$	$(x_{10}+y_{10}+z_{10})\,\mathbf{a}_1 - (x_{10}-y_{10}+z_{10})\,\mathbf{a}_2 - (x_{10}+y_{10}-z_{10})\,\mathbf{a}_3$	$=$	$-ax_{10}\,\hat{\mathbf{x}} + az_{10}\,\hat{\mathbf{y}} + ay_{10}\,\hat{\mathbf{z}}$	(96j)	H I
$\mathbf{B_{211}} =$	$(x_{10}-y_{10}-z_{10})\,\mathbf{a}_1 - (x_{10}+y_{10}-z_{10})\,\mathbf{a}_2 - (x_{10}-y_{10}+z_{10})\,\mathbf{a}_3$	$=$	$-ax_{10}\,\hat{\mathbf{x}} - az_{10}\,\hat{\mathbf{y}} - ay_{10}\,\hat{\mathbf{z}}$	(96j)	H I
$\mathbf{B_{212}} =$	$-(x_{10}-y_{10}+z_{10})\,\mathbf{a}_1 + (x_{10}+y_{10}+z_{10})\,\mathbf{a}_2 + (x_{10}-y_{10}-z_{10})\,\mathbf{a}_3$	$=$	$ax_{10}\,\hat{\mathbf{x}} - az_{10}\,\hat{\mathbf{y}} + ay_{10}\,\hat{\mathbf{z}}$	(96j)	H I
$\mathbf{B_{213}} =$	$-(x_{10}-y_{10}+z_{10})\,\mathbf{a}_1 - (x_{10}+y_{10}-z_{10})\,\mathbf{a}_2 + (x_{10}+y_{10}+z_{10})\,\mathbf{a}_3$	$=$	$az_{10}\,\hat{\mathbf{x}} + ay_{10}\,\hat{\mathbf{y}} - ax_{10}\,\hat{\mathbf{z}}$	(96j)	H I
$\mathbf{B_{214}} =$	$(x_{10}-y_{10}-z_{10})\,\mathbf{a}_1 + (x_{10}+y_{10}+z_{10})\,\mathbf{a}_2 - (x_{10}+y_{10}-z_{10})\,\mathbf{a}_3$	$=$	$az_{10}\,\hat{\mathbf{x}} - ay_{10}\,\hat{\mathbf{y}} + ax_{10}\,\hat{\mathbf{z}}$	(96j)	H I
$\mathbf{B_{215}} =$	$(x_{10}+y_{10}+z_{10})\,\mathbf{a}_1 + (x_{10}-y_{10}-z_{10})\,\mathbf{a}_2 - (x_{10}-y_{10}+z_{10})\,\mathbf{a}_3$	$=$	$-az_{10}\,\hat{\mathbf{x}} + ay_{10}\,\hat{\mathbf{y}} + ax_{10}\,\hat{\mathbf{z}}$	(96j)	H I
$\mathbf{B_{216}} =$	$-(x_{10}+y_{10}-z_{10})\,\mathbf{a}_1 - (x_{10}-y_{10}+z_{10})\,\mathbf{a}_2 + (x_{10}-y_{10}-z_{10})\,\mathbf{a}_3$	$=$	$-az_{10}\,\hat{\mathbf{x}} - ay_{10}\,\hat{\mathbf{y}} - ax_{10}\,\hat{\mathbf{z}}$	(96j)	H I
$\mathbf{B_{217}} =$	$(-x_{11}+y_{11}+z_{11})\,\mathbf{a}_1 + (x_{11}-y_{11}+z_{11})\,\mathbf{a}_2 + (x_{11}+y_{11}-z_{11})\,\mathbf{a}_3$	$=$	$ax_{11}\,\hat{\mathbf{x}} + ay_{11}\,\hat{\mathbf{y}} + az_{11}\,\hat{\mathbf{z}}$	(96j)	H II
$\mathbf{B_{218}} =$	$(x_{11}-y_{11}+z_{11})\,\mathbf{a}_1 + (-x_{11}+y_{11}+z_{11})\,\mathbf{a}_2 - (x_{11}+y_{11}+z_{11})\,\mathbf{a}_3$	$=$	$-ax_{11}\,\hat{\mathbf{x}} - ay_{11}\,\hat{\mathbf{y}} + az_{11}\,\hat{\mathbf{z}}$	(96j)	H II
$\mathbf{B_{219}} =$	$(x_{11}+y_{11}-z_{11})\,\mathbf{a}_1 - (x_{11}+y_{11}+z_{11})\,\mathbf{a}_2 + (-x_{11}+y_{11}+z_{11})\,\mathbf{a}_3$	$=$	$-ax_{11}\,\hat{\mathbf{x}} + ay_{11}\,\hat{\mathbf{y}} - az_{11}\,\hat{\mathbf{z}}$	(96j)	H II
$\mathbf{B_{220}} =$	$-(x_{11}+y_{11}+z_{11})\,\mathbf{a}_1 + (x_{11}+y_{11}-z_{11})\,\mathbf{a}_2 + (x_{11}-y_{11}+z_{11})\,\mathbf{a}_3$	$=$	$ax_{11}\,\hat{\mathbf{x}} - ay_{11}\,\hat{\mathbf{y}} - az_{11}\,\hat{\mathbf{z}}$	(96j)	H II
$\mathbf{B_{221}} =$	$(x_{11}+y_{11}-z_{11})\,\mathbf{a}_1 + (-x_{11}+y_{11}+z_{11})\,\mathbf{a}_2 + (x_{11}-y_{11}+z_{11})\,\mathbf{a}_3$	$=$	$az_{11}\,\hat{\mathbf{x}} + ax_{11}\,\hat{\mathbf{y}} + ay_{11}\,\hat{\mathbf{z}}$	(96j)	H II
$\mathbf{B_{222}} =$	$-(x_{11}+y_{11}+z_{11})\,\mathbf{a}_1 + (x_{11}-y_{11}+z_{11})\,\mathbf{a}_2 + (-x_{11}+y_{11}+z_{11})\,\mathbf{a}_3$	$=$	$az_{11}\,\hat{\mathbf{x}} - ax_{11}\,\hat{\mathbf{y}} - ay_{11}\,\hat{\mathbf{z}}$	(96j)	H II
$\mathbf{B_{223}} =$	$(-x_{11}+y_{11}+z_{11})\,\mathbf{a}_1 + (x_{11}+y_{11}-z_{11})\,\mathbf{a}_2 - (x_{11}+y_{11}+z_{11})\,\mathbf{a}_3$	$=$	$-az_{11}\,\hat{\mathbf{x}} - ax_{11}\,\hat{\mathbf{y}} + ay_{11}\,\hat{\mathbf{z}}$	(96j)	H II
$\mathbf{B_{224}} =$	$(x_{11}-y_{11}+z_{11})\,\mathbf{a}_1 - (x_{11}+y_{11}+z_{11})\,\mathbf{a}_2 + (x_{11}+y_{11}-z_{11})\,\mathbf{a}_3$	$=$	$-az_{11}\,\hat{\mathbf{x}} + ax_{11}\,\hat{\mathbf{y}} - ay_{11}\,\hat{\mathbf{z}}$	(96j)	H II
$\mathbf{B_{225}} =$	$(x_{11}-y_{11}+z_{11})\,\mathbf{a}_1 + (x_{11}+y_{11}-z_{11})\,\mathbf{a}_2 + (-x_{11}+y_{11}+z_{11})\,\mathbf{a}_3$	$=$	$ay_{11}\,\hat{\mathbf{x}} + az_{11}\,\hat{\mathbf{y}} + ax_{11}\,\hat{\mathbf{z}}$	(96j)	H II

$\mathbf{B_{226}} =$	$(-x_{11}+y_{11}+z_{11})\,\mathbf{a}_1 - (x_{11}+y_{11}+z_{11})\,\mathbf{a}_2 + (x_{11}-y_{11}+z_{11})\,\mathbf{a}_3$	$=$	$-ay_{11}\,\hat{\mathbf{x}} + az_{11}\,\hat{\mathbf{y}} - ax_{11}\,\hat{\mathbf{z}}$	(96j)	H II
$\mathbf{B_{227}} =$	$-(x_{11}+y_{11}+z_{11})\,\mathbf{a}_1 + (-x_{11}+y_{11}+z_{11})\,\mathbf{a}_2 + (x_{11}+y_{11}-z_{11})\,\mathbf{a}_3$	$=$	$ay_{11}\,\hat{\mathbf{x}} - az_{11}\,\hat{\mathbf{y}} - ax_{11}\,\hat{\mathbf{z}}$	(96j)	H II
$\mathbf{B_{228}} =$	$(x_{11}+y_{11}-z_{11})\,\mathbf{a}_1 + (x_{11}-y_{11}+z_{11})\,\mathbf{a}_2 - (x_{11}+y_{11}+z_{11})\,\mathbf{a}_3$	$=$	$-ay_{11}\,\hat{\mathbf{x}} - az_{11}\,\hat{\mathbf{y}} + ax_{11}\,\hat{\mathbf{z}}$	(96j)	H II
$\mathbf{B_{229}} =$	$(x_{11}-y_{11}-z_{11})\,\mathbf{a}_1 - (x_{11}-y_{11}+z_{11})\,\mathbf{a}_2 + (x_{11}+y_{11}+z_{11})\,\mathbf{a}_3$	$=$	$ay_{11}\,\hat{\mathbf{x}} + ax_{11}\,\hat{\mathbf{y}} - az_{11}\,\hat{\mathbf{z}}$	(96j)	H II
$\mathbf{B_{230}} =$	$-(x_{11}-y_{11}+z_{11})\,\mathbf{a}_1 + (x_{11}-y_{11}-z_{11})\,\mathbf{a}_2 - (x_{11}+y_{11}-z_{11})\,\mathbf{a}_3$	$=$	$-ay_{11}\,\hat{\mathbf{x}} - ax_{11}\,\hat{\mathbf{y}} - az_{11}\,\hat{\mathbf{z}}$	(96j)	H II
$\mathbf{B_{231}} =$	$-(x_{11}+y_{11}-z_{11})\,\mathbf{a}_1 + (x_{11}+y_{11}+z_{11})\,\mathbf{a}_2 - (x_{11}-y_{11}+z_{11})\,\mathbf{a}_3$	$=$	$ay_{11}\,\hat{\mathbf{x}} - ax_{11}\,\hat{\mathbf{y}} + az_{11}\,\hat{\mathbf{z}}$	(96j)	H II
$\mathbf{B_{232}} =$	$(x_{11}+y_{11}+z_{11})\,\mathbf{a}_1 - (x_{11}+y_{11}-z_{11})\,\mathbf{a}_2 + (x_{11}-y_{11}-z_{11})\,\mathbf{a}_3$	$=$	$-ay_{11}\,\hat{\mathbf{x}} + ax_{11}\,\hat{\mathbf{y}} + az_{11}\,\hat{\mathbf{z}}$	(96j)	H II
$\mathbf{B_{233}} =$	$-(x_{11}+y_{11}-z_{11})\,\mathbf{a}_1 + (x_{11}-y_{11}-z_{11})\,\mathbf{a}_2 + (x_{11}+y_{11}+z_{11})\,\mathbf{a}_3$	$=$	$ax_{11}\,\hat{\mathbf{x}} + az_{11}\,\hat{\mathbf{y}} - ay_{11}\,\hat{\mathbf{z}}$	(96j)	H II
$\mathbf{B_{234}} =$	$(x_{11}+y_{11}+z_{11})\,\mathbf{a}_1 - (x_{11}-y_{11}+z_{11})\,\mathbf{a}_2 - (x_{11}+y_{11}-z_{11})\,\mathbf{a}_3$	$=$	$-ax_{11}\,\hat{\mathbf{x}} + az_{11}\,\hat{\mathbf{y}} + ay_{11}\,\hat{\mathbf{z}}$	(96j)	H II
$\mathbf{B_{235}} =$	$(x_{11}-y_{11}-z_{11})\,\mathbf{a}_1 - (x_{11}+y_{11}-z_{11})\,\mathbf{a}_2 - (x_{11}-y_{11}+z_{11})\,\mathbf{a}_3$	$=$	$-ax_{11}\,\hat{\mathbf{x}} - az_{11}\,\hat{\mathbf{y}} - ay_{11}\,\hat{\mathbf{z}}$	(96j)	H II
$\mathbf{B_{236}} =$	$-(x_{11}-y_{11}+z_{11})\,\mathbf{a}_1 + (x_{11}+y_{11}+z_{11})\,\mathbf{a}_2 + (x_{11}-y_{11}-z_{11})\,\mathbf{a}_3$	$=$	$ax_{11}\,\hat{\mathbf{x}} - az_{11}\,\hat{\mathbf{y}} + ay_{11}\,\hat{\mathbf{z}}$	(96j)	H II
$\mathbf{B_{237}} =$	$-(x_{11}-y_{11}+z_{11})\,\mathbf{a}_1 - (x_{11}+y_{11}-z_{11})\,\mathbf{a}_2 + (x_{11}+y_{11}+z_{11})\,\mathbf{a}_3$	$=$	$az_{11}\,\hat{\mathbf{x}} + ay_{11}\,\hat{\mathbf{y}} - ax_{11}\,\hat{\mathbf{z}}$	(96j)	H II
$\mathbf{B_{238}} =$	$(x_{11}-y_{11}-z_{11})\,\mathbf{a}_1 + (x_{11}+y_{11}+z_{11})\,\mathbf{a}_2 - (x_{11}+y_{11}-z_{11})\,\mathbf{a}_3$	$=$	$az_{11}\,\hat{\mathbf{x}} - ay_{11}\,\hat{\mathbf{y}} + ax_{11}\,\hat{\mathbf{z}}$	(96j)	H II
$\mathbf{B_{239}} =$	$(x_{11}+y_{11}+z_{11})\,\mathbf{a}_1 + (x_{11}-y_{11}-z_{11})\,\mathbf{a}_2 - (x_{11}-y_{11}+z_{11})\,\mathbf{a}_3$	$=$	$-az_{11}\,\hat{\mathbf{x}} + ay_{11}\,\hat{\mathbf{y}} + ax_{11}\,\hat{\mathbf{z}}$	(96j)	H II
$\mathbf{B_{240}} =$	$-(x_{11}+y_{11}-z_{11})\,\mathbf{a}_1 - (x_{11}-y_{11}+z_{11})\,\mathbf{a}_2 + (x_{11}-y_{11}-z_{11})\,\mathbf{a}_3$	$=$	$-az_{11}\,\hat{\mathbf{x}} - ay_{11}\,\hat{\mathbf{y}} - ax_{11}\,\hat{\mathbf{z}}$	(96j)	H II
$\mathbf{B_{241}} =$	$(-x_{12}+y_{12}+z_{12})\,\mathbf{a}_1 + (x_{12}-y_{12}+z_{12})\,\mathbf{a}_2 + (x_{12}+y_{12}-z_{12})\,\mathbf{a}_3$	$=$	$ax_{12}\,\hat{\mathbf{x}} + ay_{12}\,\hat{\mathbf{y}} + az_{12}\,\hat{\mathbf{z}}$	(96j)	H III
$\mathbf{B_{242}} =$	$(x_{12}-y_{12}+z_{12})\,\mathbf{a}_1 + (-x_{12}+y_{12}+z_{12})\,\mathbf{a}_2 - (x_{12}+y_{12}+z_{12})\,\mathbf{a}_3$	$=$	$-ax_{12}\,\hat{\mathbf{x}} - ay_{12}\,\hat{\mathbf{y}} + az_{12}\,\hat{\mathbf{z}}$	(96j)	H III

$\mathbf{B_{243}} =$	$(x_{12}+y_{12}-z_{12})\,\mathbf{a}_1 - (x_{12}+y_{12}+z_{12})\,\mathbf{a}_2 + (-x_{12}+y_{12}+z_{12})\,\mathbf{a}_3$	$=$	$-ax_{12}\,\hat{\mathbf{x}} + ay_{12}\,\hat{\mathbf{y}} - az_{12}\,\hat{\mathbf{z}}$	(96j)	H III
$\mathbf{B_{244}} =$	$-(x_{12}+y_{12}+z_{12})\,\mathbf{a}_1 + (x_{12}+y_{12}-z_{12})\,\mathbf{a}_2 + (x_{12}-y_{12}+z_{12})\,\mathbf{a}_3$	$=$	$ax_{12}\,\hat{\mathbf{x}} - ay_{12}\,\hat{\mathbf{y}} - az_{12}\,\hat{\mathbf{z}}$	(96j)	H III
$\mathbf{B_{245}} =$	$(x_{12}+y_{12}-z_{12})\,\mathbf{a}_1 + (-x_{12}+y_{12}+z_{12})\,\mathbf{a}_2 + (x_{12}-y_{12}+z_{12})\,\mathbf{a}_3$	$=$	$az_{12}\,\hat{\mathbf{x}} + ax_{12}\,\hat{\mathbf{y}} + ay_{12}\,\hat{\mathbf{z}}$	(96j)	H III
$\mathbf{B_{246}} =$	$-(x_{12}+y_{12}+z_{12})\,\mathbf{a}_1 + (x_{12}-y_{12}+z_{12})\,\mathbf{a}_2 + (-x_{12}+y_{12}+z_{12})\,\mathbf{a}_3$	$=$	$az_{12}\,\hat{\mathbf{x}} - ax_{12}\,\hat{\mathbf{y}} - ay_{12}\,\hat{\mathbf{z}}$	(96j)	H III
$\mathbf{B_{247}} =$	$(-x_{12}+y_{12}+z_{12})\,\mathbf{a}_1 + (x_{12}+y_{12}-z_{12})\,\mathbf{a}_2 - (x_{12}+y_{12}+z_{12})\,\mathbf{a}_3$	$=$	$-az_{12}\,\hat{\mathbf{x}} - ax_{12}\,\hat{\mathbf{y}} + ay_{12}\,\hat{\mathbf{z}}$	(96j)	H III
$\mathbf{B_{248}} =$	$(x_{12}-y_{12}+z_{12})\,\mathbf{a}_1 - (x_{12}+y_{12}+z_{12})\,\mathbf{a}_2 + (x_{12}+y_{12}-z_{12})\,\mathbf{a}_3$	$=$	$-az_{12}\,\hat{\mathbf{x}} + ax_{12}\,\hat{\mathbf{y}} - ay_{12}\,\hat{\mathbf{z}}$	(96j)	H III
$\mathbf{B_{249}} =$	$(x_{12}-y_{12}+z_{12})\,\mathbf{a}_1 + (x_{12}+y_{12}-z_{12})\,\mathbf{a}_2 + (-x_{12}+y_{12}+z_{12})\,\mathbf{a}_3$	$=$	$ay_{12}\,\hat{\mathbf{x}} + az_{12}\,\hat{\mathbf{y}} + ax_{12}\,\hat{\mathbf{z}}$	(96j)	H III
$\mathbf{B_{250}} =$	$(-x_{12}+y_{12}+z_{12})\,\mathbf{a}_1 - (x_{12}+y_{12}+z_{12})\,\mathbf{a}_2 + (x_{12}-y_{12}+z_{12})\,\mathbf{a}_3$	$=$	$-ay_{12}\,\hat{\mathbf{x}} + az_{12}\,\hat{\mathbf{y}} - ax_{12}\,\hat{\mathbf{z}}$	(96j)	H III
$\mathbf{B_{251}} =$	$-(x_{12}+y_{12}+z_{12})\,\mathbf{a}_1 + (-x_{12}+y_{12}+z_{12})\,\mathbf{a}_2 + (x_{12}+y_{12}-z_{12})\,\mathbf{a}_3$	$=$	$ay_{12}\,\hat{\mathbf{x}} - az_{12}\,\hat{\mathbf{y}} - ax_{12}\,\hat{\mathbf{z}}$	(96j)	H III
$\mathbf{B_{252}} =$	$(x_{12}+y_{12}-z_{12})\,\mathbf{a}_1 + (x_{12}-y_{12}+z_{12})\,\mathbf{a}_2 - (x_{12}+y_{12}+z_{12})\,\mathbf{a}_3$	$=$	$-ay_{12}\,\hat{\mathbf{x}} - az_{12}\,\hat{\mathbf{y}} + ax_{12}\,\hat{\mathbf{z}}$	(96j)	H III
$\mathbf{B_{253}} =$	$(x_{12}-y_{12}-z_{12})\,\mathbf{a}_1 - (x_{12}-y_{12}+z_{12})\,\mathbf{a}_2 + (x_{12}+y_{12}+z_{12})\,\mathbf{a}_3$	$=$	$ay_{12}\,\hat{\mathbf{x}} + ax_{12}\,\hat{\mathbf{y}} - az_{12}\,\hat{\mathbf{z}}$	(96j)	H III
$\mathbf{B_{254}} =$	$-(x_{12}-y_{12}+z_{12})\,\mathbf{a}_1 + (x_{12}-y_{12}-z_{12})\,\mathbf{a}_2 - (x_{12}+y_{12}-z_{12})\,\mathbf{a}_3$	$=$	$-ay_{12}\,\hat{\mathbf{x}} - ax_{12}\,\hat{\mathbf{y}} - az_{12}\,\hat{\mathbf{z}}$	(96j)	H III
$\mathbf{B_{255}} =$	$-(x_{12}+y_{12}-z_{12})\,\mathbf{a}_1 + (x_{12}+y_{12}+z_{12})\,\mathbf{a}_2 - (x_{12}-y_{12}+z_{12})\,\mathbf{a}_3$	$=$	$ay_{12}\,\hat{\mathbf{x}} - ax_{12}\,\hat{\mathbf{y}} + az_{12}\,\hat{\mathbf{z}}$	(96j)	H III
$\mathbf{B_{256}} =$	$(x_{12}+y_{12}+z_{12})\,\mathbf{a}_1 - (x_{12}+y_{12}-z_{12})\,\mathbf{a}_2 + (x_{12}-y_{12}-z_{12})\,\mathbf{a}_3$	$=$	$-ay_{12}\,\hat{\mathbf{x}} + ax_{12}\,\hat{\mathbf{y}} + az_{12}\,\hat{\mathbf{z}}$	(96j)	H III
$\mathbf{B_{257}} =$	$-(x_{12}+y_{12}-z_{12})\,\mathbf{a}_1 + (x_{12}-y_{12}-z_{12})\,\mathbf{a}_2 + (x_{12}+y_{12}+z_{12})\,\mathbf{a}_3$	$=$	$ax_{12}\,\hat{\mathbf{x}} + az_{12}\,\hat{\mathbf{y}} - ay_{12}\,\hat{\mathbf{z}}$	(96j)	H III
$\mathbf{B_{258}} =$	$(x_{12}+y_{12}+z_{12})\,\mathbf{a}_1 - (x_{12}-y_{12}+z_{12})\,\mathbf{a}_2 - (x_{12}+y_{12}-z_{12})\,\mathbf{a}_3$	$=$	$-ax_{12}\,\hat{\mathbf{x}} + az_{12}\,\hat{\mathbf{y}} + ay_{12}\,\hat{\mathbf{z}}$	(96j)	H III
$\mathbf{B_{259}} =$	$(x_{12}-y_{12}-z_{12})\,\mathbf{a}_1 - (x_{12}+y_{12}-z_{12})\,\mathbf{a}_2 - (x_{12}-y_{12}+z_{12})\,\mathbf{a}_3$	$=$	$-ax_{12}\,\hat{\mathbf{x}} - az_{12}\,\hat{\mathbf{y}} - ay_{12}\,\hat{\mathbf{z}}$	(96j)	H III

$\mathbf{B_{260}} =$	$-(x_{12}-y_{12}+z_{12})\,\mathbf{a}_1 + (x_{12}+y_{12}+z_{12})\,\mathbf{a}_2 + (x_{12}-y_{12}-z_{12})\,\mathbf{a}_3$	$=$	$ax_{12}\,\hat{\mathbf{x}} - az_{12}\,\hat{\mathbf{y}} + ay_{12}\,\hat{\mathbf{z}}$	(96j)	H III
$\mathbf{B_{261}} =$	$-(x_{12}-y_{12}+z_{12})\,\mathbf{a}_1 - (x_{12}+y_{12}-z_{12})\,\mathbf{a}_2 + (x_{12}+y_{12}+z_{12})\,\mathbf{a}_3$	$=$	$az_{12}\,\hat{\mathbf{x}} + ay_{12}\,\hat{\mathbf{y}} - ax_{12}\,\hat{\mathbf{z}}$	(96j)	H III
$\mathbf{B_{262}} =$	$(x_{12}-y_{12}-z_{12})\,\mathbf{a}_1 + (x_{12}+y_{12}+z_{12})\,\mathbf{a}_2 - (x_{12}+y_{12}-z_{12})\,\mathbf{a}_3$	$=$	$az_{12}\,\hat{\mathbf{x}} - ay_{12}\,\hat{\mathbf{y}} + ax_{12}\,\hat{\mathbf{z}}$	(96j)	H III
$\mathbf{B_{263}} =$	$(x_{12}+y_{12}+z_{12})\,\mathbf{a}_1 + (x_{12}-y_{12}-z_{12})\,\mathbf{a}_2 - (x_{12}-y_{12}+z_{12})\,\mathbf{a}_3$	$=$	$-az_{12}\,\hat{\mathbf{x}} + ay_{12}\,\hat{\mathbf{y}} + ax_{12}\,\hat{\mathbf{z}}$	(96j)	H III
$\mathbf{B_{264}} =$	$-(x_{12}+y_{12}-z_{12})\,\mathbf{a}_1 - (x_{12}-y_{12}+z_{12})\,\mathbf{a}_2 + (x_{12}-y_{12}-z_{12})\,\mathbf{a}_3$	$=$	$-az_{12}\,\hat{\mathbf{x}} - ay_{12}\,\hat{\mathbf{y}} - ax_{12}\,\hat{\mathbf{z}}$	(96j)	H III
$\mathbf{B_{265}} =$	$(-x_{13}+y_{13}+z_{13})\,\mathbf{a}_1 + (x_{13}-y_{13}+z_{13})\,\mathbf{a}_2 + (x_{13}+y_{13}-z_{13})\,\mathbf{a}_3$	$=$	$ax_{13}\,\hat{\mathbf{x}} + ay_{13}\,\hat{\mathbf{y}} + az_{13}\,\hat{\mathbf{z}}$	(96j)	H IV
$\mathbf{B_{266}} =$	$(x_{13}-y_{13}+z_{13})\,\mathbf{a}_1 + (-x_{13}+y_{13}+z_{13})\,\mathbf{a}_2 - (x_{13}+y_{13}+z_{13})\,\mathbf{a}_3$	$=$	$-ax_{13}\,\hat{\mathbf{x}} - ay_{13}\,\hat{\mathbf{y}} + az_{13}\,\hat{\mathbf{z}}$	(96j)	H IV
$\mathbf{B_{267}} =$	$(x_{13}+y_{13}-z_{13})\,\mathbf{a}_1 - (x_{13}+y_{13}+z_{13})\,\mathbf{a}_2 + (-x_{13}+y_{13}+z_{13})\,\mathbf{a}_3$	$=$	$-ax_{13}\,\hat{\mathbf{x}} + ay_{13}\,\hat{\mathbf{y}} - az_{13}\,\hat{\mathbf{z}}$	(96j)	H IV
$\mathbf{B_{268}} =$	$-(x_{13}+y_{13}+z_{13})\,\mathbf{a}_1 + (x_{13}+y_{13}-z_{13})\,\mathbf{a}_2 + (x_{13}-y_{13}+z_{13})\,\mathbf{a}_3$	$=$	$ax_{13}\,\hat{\mathbf{x}} - ay_{13}\,\hat{\mathbf{y}} - az_{13}\,\hat{\mathbf{z}}$	(96j)	H IV
$\mathbf{B_{269}} =$	$(x_{13}+y_{13}-z_{13})\,\mathbf{a}_1 + (-x_{13}+y_{13}+z_{13})\,\mathbf{a}_2 + (x_{13}-y_{13}+z_{13})\,\mathbf{a}_3$	$=$	$az_{13}\,\hat{\mathbf{x}} + ax_{13}\,\hat{\mathbf{y}} + ay_{13}\,\hat{\mathbf{z}}$	(96j)	H IV
$\mathbf{B_{270}} =$	$-(x_{13}+y_{13}+z_{13})\,\mathbf{a}_1 + (x_{13}-y_{13}+z_{13})\,\mathbf{a}_2 + (-x_{13}+y_{13}+z_{13})\,\mathbf{a}_3$	$=$	$az_{13}\,\hat{\mathbf{x}} - ax_{13}\,\hat{\mathbf{y}} - ay_{13}\,\hat{\mathbf{z}}$	(96j)	H IV
$\mathbf{B_{271}} =$	$(-x_{13}+y_{13}+z_{13})\,\mathbf{a}_1 + (x_{13}+y_{13}-z_{13})\,\mathbf{a}_2 - (x_{13}+y_{13}+z_{13})\,\mathbf{a}_3$	$=$	$-az_{13}\,\hat{\mathbf{x}} - ax_{13}\,\hat{\mathbf{y}} + ay_{13}\,\hat{\mathbf{z}}$	(96j)	H IV
$\mathbf{B_{272}} =$	$(x_{13}-y_{13}+z_{13})\,\mathbf{a}_1 - (x_{13}+y_{13}+z_{13})\,\mathbf{a}_2 + (x_{13}+y_{13}-z_{13})\,\mathbf{a}_3$	$=$	$-az_{13}\,\hat{\mathbf{x}} + ax_{13}\,\hat{\mathbf{y}} - ay_{13}\,\hat{\mathbf{z}}$	(96j)	H IV
$\mathbf{B_{273}} =$	$(x_{13}-y_{13}+z_{13})\,\mathbf{a}_1 + (x_{13}+y_{13}-z_{13})\,\mathbf{a}_2 + (-x_{13}+y_{13}+z_{13})\,\mathbf{a}_3$	$=$	$ay_{13}\,\hat{\mathbf{x}} + az_{13}\,\hat{\mathbf{y}} + ax_{13}\,\hat{\mathbf{z}}$	(96j)	H IV
$\mathbf{B_{274}} =$	$(-x_{13}+y_{13}+z_{13})\,\mathbf{a}_1 - (x_{13}+y_{13}+z_{13})\,\mathbf{a}_2 + (x_{13}-y_{13}+z_{13})\,\mathbf{a}_3$	$=$	$-ay_{13}\,\hat{\mathbf{x}} + az_{13}\,\hat{\mathbf{y}} - ax_{13}\,\hat{\mathbf{z}}$	(96j)	H IV
$\mathbf{B_{275}} =$	$-(x_{13}+y_{13}+z_{13})\,\mathbf{a}_1 + (-x_{13}+y_{13}+z_{13})\,\mathbf{a}_2 + (x_{13}+y_{13}-z_{13})\,\mathbf{a}_3$	$=$	$ay_{13}\,\hat{\mathbf{x}} - az_{13}\,\hat{\mathbf{y}} - ax_{13}\,\hat{\mathbf{z}}$	(96j)	H IV
$\mathbf{B_{276}} =$	$(x_{13}+y_{13}-z_{13})\,\mathbf{a}_1 + (x_{13}-y_{13}+z_{13})\,\mathbf{a}_2 - (x_{13}+y_{13}+z_{13})\,\mathbf{a}_3$	$=$	$-ay_{13}\,\hat{\mathbf{x}} - az_{13}\,\hat{\mathbf{y}} + ax_{13}\,\hat{\mathbf{z}}$	(96j)	H IV

$\mathbf{B_{277}} =$	$(x_{13} - y_{13} - z_{13})\,\mathbf{a}_1 - (x_{13} - y_{13} + z_{13})\,\mathbf{a}_2 + (x_{13} + y_{13} + z_{13})\,\mathbf{a}_3$	$=$	$a y_{13}\,\hat{\mathbf{x}} + a x_{13}\,\hat{\mathbf{y}} - a z_{13}\,\hat{\mathbf{z}}$	(96j)	H IV
$\mathbf{B_{278}} =$	$-(x_{13} - y_{13} + z_{13})\,\mathbf{a}_1 + (x_{13} - y_{13} - z_{13})\,\mathbf{a}_2 - (x_{13} + y_{13} - z_{13})\,\mathbf{a}_3$	$=$	$-a y_{13}\,\hat{\mathbf{x}} - a x_{13}\,\hat{\mathbf{y}} - a z_{13}\,\hat{\mathbf{z}}$	(96j)	H IV
$\mathbf{B_{279}} =$	$-(x_{13} + y_{13} - z_{13})\,\mathbf{a}_1 + (x_{13} + y_{13} + z_{13})\,\mathbf{a}_2 - (x_{13} - y_{13} + z_{13})\,\mathbf{a}_3$	$=$	$a y_{13}\,\hat{\mathbf{x}} - a x_{13}\,\hat{\mathbf{y}} + a z_{13}\,\hat{\mathbf{z}}$	(96j)	H IV
$\mathbf{B_{280}} =$	$(x_{13} + y_{13} + z_{13})\,\mathbf{a}_1 - (x_{13} + y_{13} - z_{13})\,\mathbf{a}_2 + (x_{13} - y_{13} - z_{13})\,\mathbf{a}_3$	$=$	$-a y_{13}\,\hat{\mathbf{x}} + a x_{13}\,\hat{\mathbf{y}} + a z_{13}\,\hat{\mathbf{z}}$	(96j)	H IV
$\mathbf{B_{281}} =$	$-(x_{13} + y_{13} - z_{13})\,\mathbf{a}_1 + (x_{13} - y_{13} - z_{13})\,\mathbf{a}_2 + (x_{13} + y_{13} + z_{13})\,\mathbf{a}_3$	$=$	$a x_{13}\,\hat{\mathbf{x}} + a z_{13}\,\hat{\mathbf{y}} - a y_{13}\,\hat{\mathbf{z}}$	(96j)	H IV
$\mathbf{B_{282}} =$	$(x_{13} + y_{13} + z_{13})\,\mathbf{a}_1 - (x_{13} - y_{13} + z_{13})\,\mathbf{a}_2 - (x_{13} + y_{13} - z_{13})\,\mathbf{a}_3$	$=$	$-a x_{13}\,\hat{\mathbf{x}} + a z_{13}\,\hat{\mathbf{y}} + a y_{13}\,\hat{\mathbf{z}}$	(96j)	H IV
$\mathbf{B_{283}} =$	$(x_{13} - y_{13} - z_{13})\,\mathbf{a}_1 - (x_{13} + y_{13} - z_{13})\,\mathbf{a}_2 - (x_{13} - y_{13} + z_{13})\,\mathbf{a}_3$	$=$	$-a x_{13}\,\hat{\mathbf{x}} - a z_{13}\,\hat{\mathbf{y}} - a y_{13}\,\hat{\mathbf{z}}$	(96j)	H IV
$\mathbf{B_{284}} =$	$-(x_{13} - y_{13} + z_{13})\,\mathbf{a}_1 + (x_{13} + y_{13} + z_{13})\,\mathbf{a}_2 + (x_{13} - y_{13} - z_{13})\,\mathbf{a}_3$	$=$	$a x_{13}\,\hat{\mathbf{x}} - a z_{13}\,\hat{\mathbf{y}} + a y_{13}\,\hat{\mathbf{z}}$	(96j)	H IV
$\mathbf{B_{285}} =$	$-(x_{13} - y_{13} + z_{13})\,\mathbf{a}_1 - (x_{13} + y_{13} - z_{13})\,\mathbf{a}_2 + (x_{13} + y_{13} + z_{13})\,\mathbf{a}_3$	$=$	$a z_{13}\,\hat{\mathbf{x}} + a y_{13}\,\hat{\mathbf{y}} - a x_{13}\,\hat{\mathbf{z}}$	(96j)	H IV
$\mathbf{B_{286}} =$	$(x_{13} - y_{13} - z_{13})\,\mathbf{a}_1 + (x_{13} + y_{13} + z_{13})\,\mathbf{a}_2 - (x_{13} + y_{13} - z_{13})\,\mathbf{a}_3$	$=$	$a z_{13}\,\hat{\mathbf{x}} - a y_{13}\,\hat{\mathbf{y}} + a x_{13}\,\hat{\mathbf{z}}$	(96j)	H IV
$\mathbf{B_{287}} =$	$(x_{13} + y_{13} + z_{13})\,\mathbf{a}_1 + (x_{13} - y_{13} - z_{13})\,\mathbf{a}_2 - (x_{13} - y_{13} + z_{13})\,\mathbf{a}_3$	$=$	$-a z_{13}\,\hat{\mathbf{x}} + a y_{13}\,\hat{\mathbf{y}} + a x_{13}\,\hat{\mathbf{z}}$	(96j)	H IV
$\mathbf{B_{288}} =$	$-(x_{13} + y_{13} - z_{13})\,\mathbf{a}_1 - (x_{13} - y_{13} + z_{13})\,\mathbf{a}_2 + (x_{13} - y_{13} - z_{13})\,\mathbf{a}_3$	$=$	$-a z_{13}\,\hat{\mathbf{x}} - a y_{13}\,\hat{\mathbf{y}} - a x_{13}\,\hat{\mathbf{z}}$	(96j)	H IV
$\mathbf{B_{289}} =$	$(-x_{14} + y_{14} + z_{14})\,\mathbf{a}_1 + (x_{14} - y_{14} + z_{14})\,\mathbf{a}_2 + (x_{14} + y_{14} - z_{14})\,\mathbf{a}_3$	$=$	$a x_{14}\,\hat{\mathbf{x}} + a y_{14}\,\hat{\mathbf{y}} + a z_{14}\,\hat{\mathbf{z}}$	(96j)	O II
$\mathbf{B_{290}} =$	$(x_{14} - y_{14} + z_{14})\,\mathbf{a}_1 + (-x_{14} + y_{14} + z_{14})\,\mathbf{a}_2 - (x_{14} + y_{14} + z_{14})\,\mathbf{a}_3$	$=$	$-a x_{14}\,\hat{\mathbf{x}} - a y_{14}\,\hat{\mathbf{y}} + a z_{14}\,\hat{\mathbf{z}}$	(96j)	O II
$\mathbf{B_{291}} =$	$(x_{14} + y_{14} - z_{14})\,\mathbf{a}_1 - (x_{14} + y_{14} + z_{14})\,\mathbf{a}_2 + (-x_{14} + y_{14} + z_{14})\,\mathbf{a}_3$	$=$	$-a x_{14}\,\hat{\mathbf{x}} + a y_{14}\,\hat{\mathbf{y}} - a z_{14}\,\hat{\mathbf{z}}$	(96j)	O II
$\mathbf{B_{292}} =$	$-(x_{14} + y_{14} + z_{14})\,\mathbf{a}_1 + (x_{14} + y_{14} - z_{14})\,\mathbf{a}_2 + (x_{14} - y_{14} + z_{14})\,\mathbf{a}_3$	$=$	$a x_{14}\,\hat{\mathbf{x}} - a y_{14}\,\hat{\mathbf{y}} - a z_{14}\,\hat{\mathbf{z}}$	(96j)	O II
$\mathbf{B_{293}} =$	$(x_{14} + y_{14} - z_{14})\,\mathbf{a}_1 + (-x_{14} + y_{14} + z_{14})\,\mathbf{a}_2 + (x_{14} - y_{14} + z_{14})\,\mathbf{a}_3$	$=$	$a z_{14}\,\hat{\mathbf{x}} + a x_{14}\,\hat{\mathbf{y}} + a y_{14}\,\hat{\mathbf{z}}$	(96j)	O II

$\mathbf{B_{294}} =$	$-(x_{14}+y_{14}+z_{14})\,\mathbf{a}_1 + (x_{14}-y_{14}+z_{14})\,\mathbf{a}_2 + (-x_{14}+y_{14}+z_{14})\,\mathbf{a}_3$	$=$	$az_{14}\,\hat{\mathbf{x}} - ax_{14}\,\hat{\mathbf{y}} - ay_{14}\,\hat{\mathbf{z}}$	(96j)	O II
$\mathbf{B_{295}} =$	$(-x_{14}+y_{14}+z_{14})\,\mathbf{a}_1 + (x_{14}+y_{14}-z_{14})\,\mathbf{a}_2 - (x_{14}+y_{14}+z_{14})\,\mathbf{a}_3$	$=$	$-az_{14}\,\hat{\mathbf{x}} - ax_{14}\,\hat{\mathbf{y}} + ay_{14}\,\hat{\mathbf{z}}$	(96j)	O II
$\mathbf{B_{296}} =$	$(x_{14}-y_{14}+z_{14})\,\mathbf{a}_1 - (x_{14}+y_{14}+z_{14})\,\mathbf{a}_2 + (x_{14}+y_{14}-z_{14})\,\mathbf{a}_3$	$=$	$-az_{14}\,\hat{\mathbf{x}} + ax_{14}\,\hat{\mathbf{y}} - ay_{14}\,\hat{\mathbf{z}}$	(96j)	O II
$\mathbf{B_{297}} =$	$(x_{14}-y_{14}+z_{14})\,\mathbf{a}_1 + (x_{14}+y_{14}-z_{14})\,\mathbf{a}_2 + (-x_{14}+y_{14}+z_{14})\,\mathbf{a}_3$	$=$	$ay_{14}\,\hat{\mathbf{x}} + az_{14}\,\hat{\mathbf{y}} + ax_{14}\,\hat{\mathbf{z}}$	(96j)	O II
$\mathbf{B_{298}} =$	$(-x_{14}+y_{14}+z_{14})\,\mathbf{a}_1 - (x_{14}+y_{14}+z_{14})\,\mathbf{a}_2 + (x_{14}-y_{14}+z_{14})\,\mathbf{a}_3$	$=$	$-ay_{14}\,\hat{\mathbf{x}} + az_{14}\,\hat{\mathbf{y}} - ax_{14}\,\hat{\mathbf{z}}$	(96j)	O II
$\mathbf{B_{299}} =$	$-(x_{14}+y_{14}+z_{14})\,\mathbf{a}_1 + (-x_{14}+y_{14}+z_{14})\,\mathbf{a}_2 + (x_{14}+y_{14}-z_{14})\,\mathbf{a}_3$	$=$	$ay_{14}\,\hat{\mathbf{x}} - az_{14}\,\hat{\mathbf{y}} - ax_{14}\,\hat{\mathbf{z}}$	(96j)	O II
$\mathbf{B_{300}} =$	$(x_{14}+y_{14}-z_{14})\,\mathbf{a}_1 + (x_{14}-y_{14}+z_{14})\,\mathbf{a}_2 - (x_{14}+y_{14}+z_{14})\,\mathbf{a}_3$	$=$	$-ay_{14}\,\hat{\mathbf{x}} - az_{14}\,\hat{\mathbf{y}} + ax_{14}\,\hat{\mathbf{z}}$	(96j)	O II
$\mathbf{B_{301}} =$	$(x_{14}-y_{14}-z_{14})\,\mathbf{a}_1 - (x_{14}-y_{14}+z_{14})\,\mathbf{a}_2 + (x_{14}+y_{14}+z_{14})\,\mathbf{a}_3$	$=$	$ay_{14}\,\hat{\mathbf{x}} + ax_{14}\,\hat{\mathbf{y}} - az_{14}\,\hat{\mathbf{z}}$	(96j)	O II
$\mathbf{B_{302}} =$	$-(x_{14}-y_{14}+z_{14})\,\mathbf{a}_1 + (x_{14}-y_{14}-z_{14})\,\mathbf{a}_2 - (x_{14}+y_{14}-z_{14})\,\mathbf{a}_3$	$=$	$-ay_{14}\,\hat{\mathbf{x}} - ax_{14}\,\hat{\mathbf{y}} - az_{14}\,\hat{\mathbf{z}}$	(96j)	O II
$\mathbf{B_{303}} =$	$-(x_{14}+y_{14}-z_{14})\,\mathbf{a}_1 + (x_{14}+y_{14}+z_{14})\,\mathbf{a}_2 - (x_{14}-y_{14}+z_{14})\,\mathbf{a}_3$	$=$	$ay_{14}\,\hat{\mathbf{x}} - ax_{14}\,\hat{\mathbf{y}} + az_{14}\,\hat{\mathbf{z}}$	(96j)	O II
$\mathbf{B_{304}} =$	$(x_{14}+y_{14}+z_{14})\,\mathbf{a}_1 - (x_{14}+y_{14}-z_{14})\,\mathbf{a}_2 + (x_{14}-y_{14}-z_{14})\,\mathbf{a}_3$	$=$	$-ay_{14}\,\hat{\mathbf{x}} + ax_{14}\,\hat{\mathbf{y}} + az_{14}\,\hat{\mathbf{z}}$	(96j)	O II
$\mathbf{B_{305}} =$	$-(x_{14}+y_{14}-z_{14})\,\mathbf{a}_1 + (x_{14}-y_{14}-z_{14})\,\mathbf{a}_2 + (x_{14}+y_{14}+z_{14})\,\mathbf{a}_3$	$=$	$ax_{14}\,\hat{\mathbf{x}} + az_{14}\,\hat{\mathbf{y}} - ay_{14}\,\hat{\mathbf{z}}$	(96j)	O II
$\mathbf{B_{306}} =$	$(x_{14}+y_{14}+z_{14})\,\mathbf{a}_1 - (x_{14}-y_{14}+z_{14})\,\mathbf{a}_2 - (x_{14}+y_{14}-z_{14})\,\mathbf{a}_3$	$=$	$-ax_{14}\,\hat{\mathbf{x}} + az_{14}\,\hat{\mathbf{y}} + ay_{14}\,\hat{\mathbf{z}}$	(96j)	O II
$\mathbf{B_{307}} =$	$(x_{14}-y_{14}-z_{14})\,\mathbf{a}_1 - (x_{14}+y_{14}-z_{14})\,\mathbf{a}_2 - (x_{14}-y_{14}+z_{14})\,\mathbf{a}_3$	$=$	$-ax_{14}\,\hat{\mathbf{x}} - az_{14}\,\hat{\mathbf{y}} - ay_{14}\,\hat{\mathbf{z}}$	(96j)	O II
$\mathbf{B_{308}} =$	$-(x_{14}-y_{14}+z_{14})\,\mathbf{a}_1 + (x_{14}+y_{14}+z_{14})\,\mathbf{a}_2 + (x_{14}-y_{14}-z_{14})\,\mathbf{a}_3$	$=$	$ax_{14}\,\hat{\mathbf{x}} - az_{14}\,\hat{\mathbf{y}} + ay_{14}\,\hat{\mathbf{z}}$	(96j)	O II
$\mathbf{B_{309}} =$	$-(x_{14}-y_{14}+z_{14})\,\mathbf{a}_1 - (x_{14}+y_{14}-z_{14})\,\mathbf{a}_2 + (x_{14}+y_{14}+z_{14})\,\mathbf{a}_3$	$=$	$az_{14}\,\hat{\mathbf{x}} + ay_{14}\,\hat{\mathbf{y}} - ax_{14}\,\hat{\mathbf{z}}$	(96j)	O II
$\mathbf{B_{310}} =$	$(x_{14}-y_{14}-z_{14})\,\mathbf{a}_1 + (x_{14}+y_{14}+z_{14})\,\mathbf{a}_2 - (x_{14}+y_{14}-z_{14})\,\mathbf{a}_3$	$=$	$az_{14}\,\hat{\mathbf{x}} - ay_{14}\,\hat{\mathbf{y}} + ax_{14}\,\hat{\mathbf{z}}$	(96j)	O II

$\mathbf{B_{311}} =$	$(x_{14}+y_{14}+z_{14})\,\mathbf{a}_1 + (x_{14}-y_{14}-z_{14})\,\mathbf{a}_2 - (x_{14}-y_{14}+z_{14})\,\mathbf{a}_3$	$=$	$-az_{14}\,\hat{\mathbf{x}} + ay_{14}\,\hat{\mathbf{y}} + ax_{14}\,\hat{\mathbf{z}}$	(96j)	O II
$\mathbf{B_{312}} =$	$-(x_{14}+y_{14}-z_{14})\,\mathbf{a}_1 - (x_{14}-y_{14}+z_{14})\,\mathbf{a}_2 + (x_{14}-y_{14}-z_{14})\,\mathbf{a}_3$	$=$	$-az_{14}\,\hat{\mathbf{x}} - ay_{14}\,\hat{\mathbf{y}} - ax_{14}\,\hat{\mathbf{z}}$	(96j)	O II
$\mathbf{B_{313}} =$	$(-x_{15}+y_{15}+z_{15})\,\mathbf{a}_1 + (x_{15}-y_{15}+z_{15})\,\mathbf{a}_2 + (x_{15}+y_{15}-z_{15})\,\mathbf{a}_3$	$=$	$ax_{15}\,\hat{\mathbf{x}} + ay_{15}\,\hat{\mathbf{y}} + az_{15}\,\hat{\mathbf{z}}$	(96j)	O III
$\mathbf{B_{314}} =$	$(x_{15}-y_{15}+z_{15})\,\mathbf{a}_1 + (-x_{15}+y_{15}+z_{15})\,\mathbf{a}_2 - (x_{15}+y_{15}+z_{15})\,\mathbf{a}_3$	$=$	$-ax_{15}\,\hat{\mathbf{x}} - ay_{15}\,\hat{\mathbf{y}} + az_{15}\,\hat{\mathbf{z}}$	(96j)	O III
$\mathbf{B_{315}} =$	$(x_{15}+y_{15}-z_{15})\,\mathbf{a}_1 - (x_{15}+y_{15}+z_{15})\,\mathbf{a}_2 + (-x_{15}+y_{15}+z_{15})\,\mathbf{a}_3$	$=$	$-ax_{15}\,\hat{\mathbf{x}} + ay_{15}\,\hat{\mathbf{y}} - az_{15}\,\hat{\mathbf{z}}$	(96j)	O III
$\mathbf{B_{316}} =$	$-(x_{15}+y_{15}+z_{15})\,\mathbf{a}_1 + (x_{15}+y_{15}-z_{15})\,\mathbf{a}_2 + (x_{15}-y_{15}+z_{15})\,\mathbf{a}_3$	$=$	$ax_{15}\,\hat{\mathbf{x}} - ay_{15}\,\hat{\mathbf{y}} - az_{15}\,\hat{\mathbf{z}}$	(96j)	O III
$\mathbf{B_{317}} =$	$(x_{15}+y_{15}-z_{15})\,\mathbf{a}_1 + (-x_{15}+y_{15}+z_{15})\,\mathbf{a}_2 + (x_{15}-y_{15}+z_{15})\,\mathbf{a}_3$	$=$	$az_{15}\,\hat{\mathbf{x}} + ax_{15}\,\hat{\mathbf{y}} + ay_{15}\,\hat{\mathbf{z}}$	(96j)	O III
$\mathbf{B_{318}} =$	$-(x_{15}+y_{15}+z_{15})\,\mathbf{a}_1 + (x_{15}-y_{15}+z_{15})\,\mathbf{a}_2 + (-x_{15}+y_{15}+z_{15})\,\mathbf{a}_3$	$=$	$az_{15}\,\hat{\mathbf{x}} - ax_{15}\,\hat{\mathbf{y}} - ay_{15}\,\hat{\mathbf{z}}$	(96j)	O III
$\mathbf{B_{319}} =$	$(-x_{15}+y_{15}+z_{15})\,\mathbf{a}_1 + (x_{15}+y_{15}-z_{15})\,\mathbf{a}_2 - (x_{15}+y_{15}+z_{15})\,\mathbf{a}_3$	$=$	$-az_{15}\,\hat{\mathbf{x}} - ax_{15}\,\hat{\mathbf{y}} + ay_{15}\,\hat{\mathbf{z}}$	(96j)	O III
$\mathbf{B_{320}} =$	$(x_{15}-y_{15}+z_{15})\,\mathbf{a}_1 - (x_{15}+y_{15}+z_{15})\,\mathbf{a}_2 + (x_{15}+y_{15}-z_{15})\,\mathbf{a}_3$	$=$	$-az_{15}\,\hat{\mathbf{x}} + ax_{15}\,\hat{\mathbf{y}} - ay_{15}\,\hat{\mathbf{z}}$	(96j)	O III
$\mathbf{B_{321}} =$	$(x_{15}-y_{15}+z_{15})\,\mathbf{a}_1 + (x_{15}+y_{15}-z_{15})\,\mathbf{a}_2 + (-x_{15}+y_{15}+z_{15})\,\mathbf{a}_3$	$=$	$ay_{15}\,\hat{\mathbf{x}} + az_{15}\,\hat{\mathbf{y}} + ax_{15}\,\hat{\mathbf{z}}$	(96j)	O III
$\mathbf{B_{322}} =$	$(-x_{15}+y_{15}+z_{15})\,\mathbf{a}_1 - (x_{15}+y_{15}+z_{15})\,\mathbf{a}_2 + (x_{15}-y_{15}+z_{15})\,\mathbf{a}_3$	$=$	$-ay_{15}\,\hat{\mathbf{x}} + az_{15}\,\hat{\mathbf{y}} - ax_{15}\,\hat{\mathbf{z}}$	(96j)	O III
$\mathbf{B_{323}} =$	$-(x_{15}+y_{15}+z_{15})\,\mathbf{a}_1 + (-x_{15}+y_{15}+z_{15})\,\mathbf{a}_2 + (x_{15}+y_{15}-z_{15})\,\mathbf{a}_3$	$=$	$ay_{15}\,\hat{\mathbf{x}} - az_{15}\,\hat{\mathbf{y}} - ax_{15}\,\hat{\mathbf{z}}$	(96j)	O III
$\mathbf{B_{324}} =$	$(x_{15}+y_{15}-z_{15})\,\mathbf{a}_1 + (x_{15}-y_{15}+z_{15})\,\mathbf{a}_2 - (x_{15}+y_{15}+z_{15})\,\mathbf{a}_3$	$=$	$-ay_{15}\,\hat{\mathbf{x}} - az_{15}\,\hat{\mathbf{y}} + ax_{15}\,\hat{\mathbf{z}}$	(96j)	O III
$\mathbf{B_{325}} =$	$(x_{15}-y_{15}-z_{15})\,\mathbf{a}_1 - (x_{15}-y_{15}+z_{15})\,\mathbf{a}_2 + (x_{15}+y_{15}+z_{15})\,\mathbf{a}_3$	$=$	$ay_{15}\,\hat{\mathbf{x}} + ax_{15}\,\hat{\mathbf{y}} - az_{15}\,\hat{\mathbf{z}}$	(96j)	O III
$\mathbf{B_{326}} =$	$-(x_{15}-y_{15}+z_{15})\,\mathbf{a}_1 + (x_{15}-y_{15}-z_{15})\,\mathbf{a}_2 - (x_{15}+y_{15}-z_{15})\,\mathbf{a}_3$	$=$	$-ay_{15}\,\hat{\mathbf{x}} - ax_{15}\,\hat{\mathbf{y}} - az_{15}\,\hat{\mathbf{z}}$	(96j)	O III
$\mathbf{B_{327}} =$	$-(x_{15}+y_{15}-z_{15})\,\mathbf{a}_1 + (x_{15}+y_{15}+z_{15})\,\mathbf{a}_2 - (x_{15}-y_{15}+z_{15})\,\mathbf{a}_3$	$=$	$ay_{15}\,\hat{\mathbf{x}} - ax_{15}\,\hat{\mathbf{y}} + az_{15}\,\hat{\mathbf{z}}$	(96j)	O III

$\mathbf{B_{328}} =$	$(x_{15}+y_{15}+z_{15})\,\mathbf{a}_1 - (x_{15}+y_{15}-z_{15})\,\mathbf{a}_2 + (x_{15}-y_{15}-z_{15})\,\mathbf{a}_3$	$=$	$-ay_{15}\,\hat{\mathbf{x}} + ax_{15}\,\hat{\mathbf{y}} + az_{15}\,\hat{\mathbf{z}}$	(96j)	O III
$\mathbf{B_{329}} =$	$-(x_{15}+y_{15}-z_{15})\,\mathbf{a}_1 + (x_{15}-y_{15}-z_{15})\,\mathbf{a}_2 + (x_{15}+y_{15}+z_{15})\,\mathbf{a}_3$	$=$	$ax_{15}\,\hat{\mathbf{x}} + az_{15}\,\hat{\mathbf{y}} - ay_{15}\,\hat{\mathbf{z}}$	(96j)	O III
$\mathbf{B_{330}} =$	$(x_{15}+y_{15}+z_{15})\,\mathbf{a}_1 - (x_{15}-y_{15}+z_{15})\,\mathbf{a}_2 - (x_{15}+y_{15}-z_{15})\,\mathbf{a}_3$	$=$	$-ax_{15}\,\hat{\mathbf{x}} + az_{15}\,\hat{\mathbf{y}} + ay_{15}\,\hat{\mathbf{z}}$	(96j)	O III
$\mathbf{B_{331}} =$	$(x_{15}-y_{15}-z_{15})\,\mathbf{a}_1 - (x_{15}+y_{15}-z_{15})\,\mathbf{a}_2 - (x_{15}-y_{15}+z_{15})\,\mathbf{a}_3$	$=$	$-ax_{15}\,\hat{\mathbf{x}} - az_{15}\,\hat{\mathbf{y}} - ay_{15}\,\hat{\mathbf{z}}$	(96j)	O III
$\mathbf{B_{332}} =$	$-(x_{15}-y_{15}+z_{15})\,\mathbf{a}_1 + (x_{15}+y_{15}+z_{15})\,\mathbf{a}_2 + (x_{15}-y_{15}-z_{15})\,\mathbf{a}_3$	$=$	$ax_{15}\,\hat{\mathbf{x}} - az_{15}\,\hat{\mathbf{y}} + ay_{15}\,\hat{\mathbf{z}}$	(96j)	O III
$\mathbf{B_{333}} =$	$-(x_{15}-y_{15}+z_{15})\,\mathbf{a}_1 - (x_{15}+y_{15}-z_{15})\,\mathbf{a}_2 + (x_{15}+y_{15}+z_{15})\,\mathbf{a}_3$	$=$	$az_{15}\,\hat{\mathbf{x}} + ay_{15}\,\hat{\mathbf{y}} - ax_{15}\,\hat{\mathbf{z}}$	(96j)	O III
$\mathbf{B_{334}} =$	$(x_{15}-y_{15}-z_{15})\,\mathbf{a}_1 + (x_{15}+y_{15}+z_{15})\,\mathbf{a}_2 - (x_{15}+y_{15}-z_{15})\,\mathbf{a}_3$	$=$	$az_{15}\,\hat{\mathbf{x}} - ay_{15}\,\hat{\mathbf{y}} + ax_{15}\,\hat{\mathbf{z}}$	(96j)	O III
$\mathbf{B_{335}} =$	$(x_{15}+y_{15}+z_{15})\,\mathbf{a}_1 + (x_{15}-y_{15}-z_{15})\,\mathbf{a}_2 - (x_{15}-y_{15}+z_{15})\,\mathbf{a}_3$	$=$	$-az_{15}\,\hat{\mathbf{x}} + ay_{15}\,\hat{\mathbf{y}} + ax_{15}\,\hat{\mathbf{z}}$	(96j)	O III
$\mathbf{B_{336}} =$	$-(x_{15}+y_{15}-z_{15})\,\mathbf{a}_1 - (x_{15}-y_{15}+z_{15})\,\mathbf{a}_2 + (x_{15}-y_{15}-z_{15})\,\mathbf{a}_3$	$=$	$-az_{15}\,\hat{\mathbf{x}} - ay_{15}\,\hat{\mathbf{y}} - ax_{15}\,\hat{\mathbf{z}}$	(96j)	O III

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