$$(0, e^{16}, 0, 0, 0, 0)$$

Symplectic form

$$\omega = e^{12} + e^{34} + e^{56}$$

Derivatives of 3-forms

$$(J+P)/2$$
, $d(e^{234}) = e^{1346}$

$$E, d(e^{235}) = e^{1356}$$

$$G, d(e^{245}) = e^{1456}$$

$$Ker(d^3) \supset \{e^{123},\ e^{124},\ e^{125},\ e^{126},\ e^{134},\ e^{135},\ e^{136},\ e^{145},\ e^{146},\ e^{156},\ e^{236},\ e^{246},\ e^{256},\ e^{345},\ e^{346},\ e^{356},\ e^{456},\ \}$$

Derivatives of 2-forms

$$d(e^{23}) = (-1.0)e^{136}, B$$

$$d(e^{24}) = (-1.0)e^{146}, D$$

$$d(e^{25}) = (-1.0)e^{156}, \ \ (O-I)/2$$

$$Ker(d^2) \supset \{e^{12}, \ e^{13}, \ e^{14}, \ e^{15}, \ e^{16}, \ e^{26}, \ e^{34}, \ e^{35}, \ e^{36}, \ e^{45}, \ e^{46}, \ e^{56}, \ \}$$

$$(0, e^{14}, 0, 0, e^{36}, 0)$$

Symplectic form

$$\omega = e^{12} + e^{34} + e^{56}$$

Derivatives of 3-forms

$$(M+S)/2$$
, $d(e^{125}) = e^{1236}$

$$E, d(e^{235}) = (-1.0)e^{1345}$$

$$C$$
, $d(e^{145}) = (-1.0)e^{1346}$

$$F, d(e^{236}) = (-1.0)e^{1346}$$

$$(P-J)/2$$
, $d(e^{256}) = e^{1456}$

$$G, d(e^{245}) = (-1.0)e^{2346}$$

$$Ker(d^3) \supset \{e^{123}, e^{124}, e^{126}, e^{134}, e^{135}, e^{136}, e^{146}, e^{156}, e^{234}, e^{246}, e^{345}, e^{346}, e^{356}, e^{456}, \}$$

Derivatives of 2-forms

$$d(e^{23}) = (-1.0)e^{134}, (I+O)/2$$

$$d(e^{15}) = (-1.0)e^{136}, B$$

$$d(e^{25}) = e^{145} + (-1.0)e^{236}, \quad CF$$

$$d(e^{26}) = e^{146}, D$$

$$d(e^{45}) = e^{346}, \quad (T - N)/2$$

$$Ker(d^2) \supset \{e^{12},\ e^{13},\ e^{14},\ e^{16},\ e^{24},\ e^{34},\ e^{35},\ e^{36},\ e^{46},\ e^{56},\ \}$$

$$E, d\Lambda d(e^{235}) = e^{136} B$$

$$G, \ d\Lambda d(e^{245}) = (-1.0)e^{146} \ D$$

$$(0, e^{13}, 0, 0, e^{46}, 0)$$

Symplectic form

$$\omega = e^{12} + e^{34} + e^{56}$$

Derivatives of 3-forms

$$(M+S)/2$$
, $d(e^{125}) = e^{1246}$

$$G, d(e^{245}) = e^{1345}$$

$$A, d(e^{135}) = e^{1346}$$

$$H, d(e^{246}) = e^{1346}$$

$$(P-J)/2$$
, $d(e^{256}) = e^{1356}$

$$E, d(e^{235}) = e^{2346}$$

$$Ker(d^3) \supset \{e^{123}, e^{124}, e^{126}, e^{134}, e^{136}, e^{145}, e^{146}, e^{156}, e^{234}, e^{236}, e^{345}, e^{346}, e^{356}, e^{456}, \}$$

Derivatives of 2-forms

$$d(e^{24}) = e^{134}, (I+O)/2$$

$$d(e^{25}) = e^{135} + (-1.0)e^{246}, AH$$

$$d(e^{26}) = e^{136}, B$$

$$d(e^{15}) = (-1.0)e^{146}, D$$

$$d(e^{35}) = (-1.0)e^{346}, (T-N)/2$$

$$Ker(d^2) \supset \{e^{12},\ e^{13},\ e^{14},\ e^{16},\ e^{23},\ e^{34},\ e^{36},\ e^{45},\ e^{46},\ e^{56},\ \}$$

$$E, d\Lambda d(e^{235}) = e^{136} B$$

$$G, \ d\Lambda d(e^{245}) = (-1.0)e^{146} \ D$$

$$(0, (-1.0)e^{13}, 0, 0, e^{16}, 0)$$

Symplectic form

$$\omega = e^{12} + e^{34} + e^{56}$$

Derivatives of 3-forms

$$E, d(e^{235}) = e^{1236}$$

$$G, \ d(e^{245}) = e^{1246} + (-1.0)e^{1345}$$

$$H, d(e^{246}) = (-1.0)e^{1346}$$

$$(S-M)/2$$
, $d(e^{345}) = e^{1346}$

$$(P-J)/2$$
, $d(e^{256}) = (-1.0)e^{1356}$

$$Ker(d^3) \supset \{e^{123},\ e^{124},\ e^{125},\ e^{126},\ e^{134},\ e^{135},\ e^{136},\ e^{145},\ e^{146},\ e^{156},\ e^{234},\ e^{236},\ e^{346},\ e^{356},\ e^{456},\ \}$$

Derivatives of 2-forms

$$d(e^{25}) = e^{126} + (-1.0)e^{135}, (N+T)/2A$$

$$d(e^{24}) = (-1.0)e^{134}, (I+O)/2$$

$$d(e^{26}) = (-1.0)e^{136}, B$$

$$d(e^{35}) = e^{136}, B$$

$$d(e^{45}) = e^{146}, D$$

$$Ker(d^2) \supset \{e^{12}, e^{13}, e^{14}, e^{15}, e^{16}, e^{23}, e^{34}, e^{36}, e^{46}, e^{56}, \}$$

$$(0, 0, 0, e^{15}, 0, e^{13})$$

Symplectic form

$$\omega = e^{12} + e^{34} + e^{56}$$

${\bf Derivatives\ of\ 3-forms}$

$$H, d(e^{246}) = (-1.0)e^{1234} + e^{1256}$$

$$(P-J)/2$$
, $d(e^{256}) = (-1.0)e^{1235}$

$$(J+P)/2$$
, $d(e^{234}) = e^{1235}$

$$(R-L)/2$$
, $d(e^{456}) = e^{1345}$

$$(T-N)/2$$
, $d(e^{346}) = e^{1356}$

$$Ker(d^3) \supset \{e^{123}, e^{124}, e^{125}, e^{126}, e^{134}, e^{135}, e^{136}, e^{145}, e^{146}, e^{156}, e^{235}, e^{236}, e^{245}, e^{345}, e^{356}, \}$$

Derivatives of 2-forms

$$d(e^{26}) = e^{123}, (K+Q)/2$$

$$d(e^{24}) = e^{125}, (M+S)/2$$

$$d(e^{46}) = (-1.0)e^{134} + e^{156}, (I+O)/2(O-I)/2$$

$$d(e^{56}) = (-1.0)e^{135}, A$$

$$d(e^{34})=e^{135},\ \ A$$

$$Ker(d^2)\supset \{e^{12},\ e^{13},\ e^{14},\ e^{15},\ e^{16},\ e^{23},\ e^{25},\ e^{35},\ e^{36},\ e^{45},\ \}$$

$$H, d\Lambda d(e^{246}) = (-2.0)e^{135} A$$

$$(0,\ e^{13},\ 0,\ 0,\ e^{16},\ 0)$$

Symplectic form

$$\omega = e^{12} + e^{34} + e^{56}$$

Derivatives of 3-forms

$$E, d(e^{235}) = e^{1236}$$

$$G, d(e^{245}) = e^{1246} + e^{1345}$$

$$H, d(e^{246}) = e^{1346}$$

$$(S-M)/2$$
, $d(e^{345}) = e^{1346}$

$$(P-J)/2$$
, $d(e^{256}) = e^{1356}$

$$Ker(d^3) \supset \{e^{123},\ e^{124},\ e^{125},\ e^{126},\ e^{134},\ e^{135},\ e^{136},\ e^{145},\ e^{146},\ e^{156},\ e^{234},\ e^{236},\ e^{346},\ e^{356},\ e^{456},\ \}$$

Derivatives of 2-forms

$$d(e^{25}) = e^{126} + e^{135}, (N+T)/2A$$

$$d(e^{24}) = e^{134}, \quad (I+O)/2$$

$$d(e^{26}) = e^{136}, B$$

$$d(e^{35}) = e^{136}, B$$

$$d(e^{45}) = e^{146}, D$$

$$Ker(d^2) \supset \{e^{12}, e^{13}, e^{14}, e^{15}, e^{16}, e^{23}, e^{34}, e^{36}, e^{46}, e^{56}, \}$$

$$(0, (-1.0)e^{14} + e^{36}, 0, e^{13} + e^{16}, 0, 0)$$

Symplectic form

$$\omega = e^{12} + e^{34} + e^{56}$$

Derivatives of 3-forms

$$G$$
, $d(e^{245}) = e^{1235} + (-1.0)e^{1256} + e^{3456}$

$$(J+P)/2$$
, $d(e^{234}) = e^{1236}$

$$H, d(e^{246}) = e^{1236}$$

$$E, d(e^{235}) = e^{1345}$$

$$(L+R)/2$$
, $d(e^{124}) = e^{1346}$

$$F, d(e^{236}) = e^{1346}$$

$$(S-M)/2$$
, $d(e^{345}) = (-1.0)e^{1356}$

$$(M+S)/2$$
, $d(e^{125}) = e^{1356}$

$$(R-L)/2$$
, $d(e^{456}) = e^{1356}$

$$(P-J)/2$$
, $d(e^{256}) = (-1.0)e^{1456}$

$$Ker(d^3)\supset \{e^{123},\ e^{126},\ e^{134},\ e^{135},\ e^{136},\ e^{145},\ e^{146},\ e^{156},\ e^{346},\ e^{356},\ \}$$

Derivatives of 2-forms

$$d(e^{24}) = e^{123} + e^{126} + (-1.0)e^{346}, \quad (K+Q)/2(N+T)/2(T-N)/2$$

$$d(e^{23}) = e^{134}, (I+O)/2$$

$$d(e^{45}) = e^{135} + (-1.0)e^{156}, \quad A(O-I)/2$$

$$d(e^{12}) = (-1.0)e^{136}, B$$

$$d(e^{34}) = e^{136}, B$$

$$d(e^{46}) = e^{136}, B$$

$$d(e^{25}) = (-1.0)e^{145} + (-1.0)e^{356}, \quad C(Q - K)/2$$

$$d(e^{26}) = (-1.0)e^{146}, D$$

$$Ker(d^2) \supset \{e^{13}, e^{14}, e^{15}, e^{16}, e^{35}, e^{36}, e^{56}, \}$$

$$G, d\Lambda d(e^{245}) = 2.0 e^{136} B$$

$$(0, 0, e^{16}, (-1.0)e^{13}, e^{14} + (-1.0)e^{36}, 0)$$

Symplectic form

$$\omega = e^{12} + e^{34} + e^{56}$$

Derivatives of 3-forms

$$E, d(e^{235}) = e^{1234} + (-1.0)e^{1256}$$

$$G$$
, $d(e^{245}) = (-1.0)e^{1235} + e^{2346}$

$$(M+S)/2$$
, $d(e^{125}) = (-1.0)e^{1236}$

$$H, d(e^{246}) = (-1.0)e^{1236}$$

$$(J+P)/2$$
, $d(e^{234}) = (-1.0)e^{1246}$

$$(P-J)/2$$
, $d(e^{256}) = e^{1246}$

$$C$$
, $d(e^{145}) = e^{1346}$

$$(Q-K)/2$$
, $d(e^{356}) = e^{1346}$

$$(R-L)/2$$
, $d(e^{456}) = (-1.0)e^{1356}$

$$(S-M)/2$$
, $d(e^{345}) = e^{1456}$

$$Ker(d^3)\supset \{e^{123},\ e^{124},\ e^{126},\ e^{134},\ e^{135},\ e^{136},\ e^{146},\ e^{156},\ e^{236},\ e^{346},\ \}$$

Derivatives of 2-forms

$$d(e^{24}) = (-1.0)e^{123}, (K+Q)/2$$

$$d(e^{25}) = e^{124} + e^{236}, (L+R)/2F$$

$$d(e^{23}) = e^{126}, (N+T)/2$$

$$d(e^{35}) = e^{134} + (-1.0)e^{156}, \ \ (I+O)/2(O-I)/2$$

$$d(e^{45}) = (-1.0)e^{135} + (-1.0)e^{346}, \quad A(T-N)/2$$

$$d(e^{46}) = (-1.0)e^{136}, B$$

$$d(e^{15}) = e^{136}, B$$

$$d(e^{34}) = (-1.0)e^{146}, D$$

$$d(e^{56}) = e^{146}, D$$

$$Ker(d^2) \supset \{e^{12}, e^{13}, e^{14}, e^{16}, e^{26}, e^{36}, \}$$

$$G, \ d\Lambda d(e^{245}) = (-1.0)e^{134} + e^{156} \ (I+O)/2(O-I)/2$$

$$(P-J)/2, \ d\Lambda d(e^{256}) = (-1.0)e^{136} \ B$$

$$(J+P)/2, \ d\Lambda d(e^{234})=e^{136} \ B$$

$$E, d\Lambda d(e^{235}) = (-2.0)e^{146} D$$

$$(0, 0, e^{14}, e^{15}, 0, e^{13})$$

Symplectic form

$$\omega = e^{12} + e^{34} + e^{56}$$

Derivatives of 3-forms

$$H, d(e^{246}) = (-1.0)e^{1234} + e^{1256}$$

$$(P-J)/2$$
, $d(e^{256}) = (-1.0)e^{1235}$

$$(J+P)/2$$
, $d(e^{234}) = e^{1235}$

$$E, d(e^{235}) = e^{1245}$$

$$F, d(e^{236}) = e^{1246}$$

$$(R-L)/2, \ d(e^{456})=e^{1345}$$

$$(T-N)/2$$
, $d(e^{346}) = e^{1356}$

$$(Q-K)/2$$
, $d(e^{356}) = e^{1456}$

$$Ker(d^3) \supset \{e^{123}, e^{124}, e^{125}, e^{126}, e^{134}, e^{135}, e^{136}, e^{145}, e^{146}, e^{156}, e^{245}, e^{345}, \}$$

Derivatives of 2-forms

$$d(e^{26}) = e^{123}, (K+Q)/2$$

$$d(e^{23}) = e^{124}, (L+R)/2$$

$$d(e^{24}) = e^{125}, (M+S)/2$$

$$d(e^{46}) = (-1.0)e^{134} + e^{156}, (I+O)/2(O-I)/2$$

$$d(e^{56}) = (-1.0)e^{135}, \ A$$

$$d(e^{34}) = e^{135}, A$$

$$d(e^{35}) = e^{145}, \quad C$$

$$d(e^{36}) = e^{146}, D$$

$$Ker(d^2) \supset \{e^{12}, \ e^{13}, \ e^{14}, \ e^{15}, \ e^{16}, \ e^{25}, \ e^{45}, \ \}$$

$$F, d\Lambda d(e^{236}) = (-1.0)e^{134} + e^{156} (I+O)/2(O-I)/2$$

$$H, d\Lambda d(e^{246}) = (-2.0)e^{135} A$$

$$(P-J)/2$$
, $d\Lambda d(e^{256}) = (-1.0)e^{145}$ C

$$(J+P)/2$$
, $d\Lambda d(e^{234}) = e^{145} C$

$$(0, e^{35}, 0, \lambda e^{15}, 0, (-1+\lambda)e^{13})$$

Symplectic form

$$\omega = e^{12} + e^{34} + e^{56}$$

Derivatives of 3-forms

$$H, \quad d(e^{246}) = (1.0 - \lambda)e^{1234} + \lambda e^{1256} + (-1.0)e^{3456}$$

$$(J+P)/2$$
, $d(e^{234}) = \lambda e^{1235}$

$$(P-J)/2$$
, $d(e^{256}) = (1.0 - \lambda)e^{1235}$

$$(L+R)/2$$
, $d(e^{124}) = e^{1345}$

$$(R-L)/2$$
, $d(e^{456}) = (-1+\lambda)e^{1345}$

$$(N+T)/2$$
, $d(e^{126}) = (-1.0)e^{1356}$

$$(T-N)/2$$
, $d(e^{346}) = \lambda e^{1356}$

$$Ker(d^3) \supset \{e^{123}, e^{125}, e^{134}, e^{135}, e^{136}, e^{145}, e^{146}, e^{156}, e^{235}, e^{236}, e^{245}, e^{345}, e^{356}, \}$$

Derivatives of 2-forms

$$d(e^{26}) = (-1.0 + \lambda)e^{123} + e^{356}, \quad (K+Q)/2(Q-K)/2$$

$$d(e^{24}) = \lambda e^{125} + (-1.0)e^{345}, \quad (M+S)/2(S-M)/2$$

$$d(e^{46}) = (1.0 - \lambda)e^{134} + \lambda \ e^{156}, \ \ (I + O)/2(O - I)/2$$

$$d(e^{12}) = (-1.0)e^{135}, A$$

$$d(e^{34}) = \lambda \ e^{135}, \ A$$

$$d(e^{56}) = (1.0 - \lambda)e^{135}, \quad A$$

$$Ker(d^2) \supset \{e^{13}, e^{14}, e^{15}, e^{16}, e^{23}, e^{25}, e^{35}, e^{36}, e^{45}, \}$$

$$H, d\Lambda d(e^{246}) = (-1.0 - \lambda^2 + (1.0 - \lambda)(-1 + \lambda))e^{135} A$$

$$(0,\ (-1.0)e^{13}+((2.0)\tfrac{\lambda}{1+\lambda^2})e^{35},\ 0,\ ((2.0)\tfrac{\lambda}{1+\lambda^2})e^{15},\ 0,\ (\tfrac{1}{1+\lambda^2})e^{35})$$

Symplectic form

$$\omega = e^{12} + e^{34} + e^{56}$$

Derivatives of 3-forms

$$(N+T)/2$$
, $d(e^{126}) = (\frac{1}{1+\lambda^2})e^{1235} + (-(2.0)\frac{\lambda}{1+\lambda^2})e^{1356}$

$$(J+P)/2$$
, $d(e^{234}) = ((2.0)\frac{\lambda}{1+\lambda^2})e^{1235}$

$$H, \ \ d(e^{246}) = ((2.0)\frac{\lambda}{1+\lambda^2})e^{1256} + (-1.0)e^{1346} + (-\frac{1}{1+\lambda^2})e^{2345} + (-(2.0)\frac{\lambda}{1+\lambda^2})e^{3456} + (-(2.0)\frac{\lambda}{1+\lambda^2})e^{346} + (-(2.0)\frac{\lambda}{1+\lambda^2})$$

$$(L+R)/2$$
, $d(e^{124}) = ((2.0)\frac{\lambda}{1+\lambda^2})e^{1345}$

$$D, d(e^{146}) = (-\frac{1}{1+\lambda^2})e^{1345}$$

$$G, d(e^{245}) = (-1.0)e^{1345}$$

$$(P-J)/2$$
, $d(e^{256}) = (-1.0)e^{1356}$

$$(T-N)/2$$
, $d(e^{346}) = ((2.0)\frac{\lambda}{1+\lambda^2})e^{1356}$

$$Ker(d^3) \supset \{e^{123}, e^{125}, e^{134}, e^{135}, e^{136}, e^{145}, e^{156}, e^{235}, e^{236}, e^{345}, e^{356}, e^{456}, \}$$

Derivatives of 2-forms

$$d(e^{24})=((2.0)\frac{\lambda}{1+\lambda^2})e^{125}+(-1.0)e^{134}+(-(2.0)\frac{\lambda}{1+\lambda^2})e^{345},\quad (M+S)/2(I+O)/2(S-M)/2$$

$$d(e^{12}) = (-(2.0)\frac{\lambda}{1+\lambda^2})e^{135}, A$$

$$d(e^{16}) = (-\frac{1}{1+\lambda^2})e^{135}, A$$

$$d(e^{25}) = (-1.0)e^{135}, \quad A$$

$$d(e^{34}) = ((2.0)\frac{\lambda}{1+\lambda^2})e^{135}, A$$

$$d(e^{26}) = (-1.0)e^{136} + (-\frac{1}{1+\lambda^2})e^{235} + ((2.0)\frac{\lambda}{1+\lambda^2})e^{356}, \quad BE(Q-K)/2$$

$$d(e^{46}) = ((2.0) \tfrac{\lambda}{1+\lambda^2}) e^{156} + (\tfrac{1}{1+\lambda^2}) e^{345}, \ \ (O-I)/2(S-M)/2$$

$$Ker(d^2) \supset \{e^{13}, \ e^{14}, \ e^{15}, \ e^{23}, \ e^{35}, \ e^{36}, \ e^{45}, \ e^{56}, \ \}$$

$$H$$
, $d\Lambda d(e^{246}) = (-(8.0)\frac{\lambda^2}{1+\lambda^2} + 2\frac{1}{1+\lambda^2})e^{135}$ A