

25. Structure constants of the Lie Algebra:

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

Symplectic form

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

$d\Lambda d$ of 3-forms

24.1. Structure constants of the Lie Algebra:

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

Symplectic form

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

$d\Lambda d$ of 3-forms

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

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

24.2. Structure constants of the Lie Algebra:

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

Symplectic form

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

$d\Lambda d$ of 3-forms

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

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

23.1. Structure constants of the Lie Algebra:

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

Symplectic form

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

$d\Lambda d$ of 3-forms

23.2. Structure constants of the Lie Algebra:

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

Symplectic form

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

 $d\Lambda d$ of 3-forms

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

22. Structure constants of the Lie Algebra:

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

Symplectic form

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

 $d\Lambda d$ of 3-forms**21.1. Structure constants of the Lie Algebra:**

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

Symplectic form

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

 $d\Lambda d$ of 3-forms

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

20. Structure constants of the Lie Algebra:

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

Symplectic form

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

 $d\Lambda d$ of 3-forms

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

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

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

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

19. Structure constants of the Lie Algebra:

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

Symplectic form

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

 $d\Lambda d$ of 3-forms

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

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

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

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

18.1. Structure constants of the Lie Algebra:

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

Symplectic form

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

 $d\Lambda d$ of 3-forms

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

18.2. Structure constants of the Lie Algebra:

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

Symplectic form

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

 $d\Lambda d$ of 3-forms

$$H, \quad d\Lambda d(e^{246}) = (2\frac{1}{1+\lambda^2} - (8.0)\frac{\lambda^2}{1+\lambda^{22}})e^{135} \quad A$$

$$\text{Structure constants of the Lie Algebra: } (0, (-1.0)e^{13} + ((2.0)\frac{\lambda}{1+\lambda^2})e^{35}, 0, ((2.0)\frac{\lambda}{1+\lambda^2})e^{15}, 0, (\frac{1}{1+\lambda^2})e^{35})$$

Symplectic form

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

 $d\Lambda d$ of 3-forms

$$H, \quad d\Lambda d(e^{246}) = (2\frac{1}{1+\lambda^2} - (8.0)\frac{\lambda^2}{1+\lambda^{22}})e^{135} \quad A$$