

## Typos in the text

Page	Line	Printed	Should be
253	11 from top	Section 15.9	Section 15.12
261	1 from bottom	$\mathcal{J}^{k,\mathfrak{M}}$	$\mathcal{J}^k(\mathfrak{M})$
262	3 from top	$\mathcal{J}_{\mathfrak{M}}^{k-1}(A)$	$\mathcal{J}^{k-1}(A; \mathfrak{M})$
264	10 from top	$\mathcal{J}^{k,\mathfrak{M}}(P)$	$\mathcal{J}^k(P; \mathfrak{M})$
264	10 from top	$\mathcal{J}^{l,\mathfrak{M}}(P)$	$\mathcal{J}^l(P; \mathfrak{M})$
264	17 from top	$\mathcal{J}^{k,\mathfrak{M}}(P)$	$\mathcal{J}^k(P; \mathfrak{M})$
264	9 from bottom	$\mathcal{J}^{\mathfrak{M}}(A)$	$\mathcal{J}(A; \mathfrak{M})$
265	9 from bottom	$\mathcal{J}_{>}^{k,\mathcal{K}}(B)$	$\mathcal{J}_{>}^k(B; \mathcal{K})$
266	16, 24 from top	$\mathcal{J}_{<}^{k,\mathcal{K}}(B)$	$\mathcal{J}_{>}^k(B; \mathcal{K})$
269	3 from top	$\mathcal{J}_{<}^{k,\mathfrak{M}}(\mathcal{O}_{\Psi}^{\mathfrak{M}})$	$\mathcal{J}_{<}^k(\mathcal{O}_{\Psi}^{\mathfrak{M}}; \mathfrak{M})$
327	14 from top	$H^{m-i}(\mathrm{Spen}_{\mathfrak{M}}^m)$	$H^{m-k}(\mathrm{Spen}_{\mathfrak{M}}^m)$
327	15 from top	$\mathrm{SP}_{\mathfrak{M}}^m$	$\mathrm{Spen}_{\mathfrak{M}}^m$
364	1 from top	$[\nu] \in H^m(\mathfrak{M})$	$[\nu] \in H_{\mathrm{dR}}^m(\mathfrak{M})$
368	1 from bottom	$L$	$\Lambda^*$
369	18 from top	$sF'(s, g_1, \dots, d_k) + C = 0,$ $\frac{1}{s} = -\frac{F'(s, g_1, \dots, d_k)}{C}.$	$sF'(s, g_1, \dots, g_k) + C = 0,$ $\frac{1}{s} = -\frac{F'(s, g_1, \dots, g_k)}{C}.$
369	20 from top	20.9	(20.9)
378	3 from top	A map $G$ of graded	A map of $G$ -graded
392	3 from top	<b>Theorem–Exercise.</b> Prove that	<b>Exercise.</b> Check if the
413	2 from top		following statements are true:

## Typos in displayed formulas

Page 263 printed:

$$\begin{array}{ccc}
 \Lambda_{\mathfrak{M}}^{(k)}(A) & \xleftarrow{\Pi_k^{\mathfrak{M}}} & \mathcal{J}_{<}^k(A; \mathfrak{M}) \\
 & \nwarrow d_{(k)}^{\mathfrak{M}} & \uparrow j_k^{\mathfrak{M}} \\
 & & A,
 \end{array}
 \quad
 \begin{array}{ccc}
 \Lambda_{\mathfrak{M}}^1(A) & \xleftarrow{\Pi_1^{\mathfrak{M}}} & \mathcal{J}_{<}^1(A; \mathfrak{M}) \\
 & \nwarrow d^{\mathfrak{M}} & \uparrow j_1^{\mathfrak{M}} \\
 & & A.
 \end{array}
 \quad (15.43)$$

Should be:

$$\begin{array}{ccc}
 \Lambda_{\mathfrak{M}}^{(k)}(A) & \xleftarrow{\Pi_k^{\mathfrak{M}}} & \mathcal{J}_{<}^k(A; \mathfrak{M}) \\
 & \nwarrow d_{(k)}^{\mathfrak{M}} & \uparrow j_k^{\mathfrak{M}} \\
 & & A,
 \end{array}
 \quad
 \begin{array}{ccc}
 \Lambda_{\mathfrak{M}}^1(A) & \xleftarrow{\Pi_1^{\mathfrak{M}}} & \mathcal{J}_{<}^1(A; \mathfrak{M}) \\
 & \nwarrow d^{\mathfrak{M}} & \uparrow j_1^{\mathfrak{M}} \\
 & & A.
 \end{array}
 \quad (15.43)$$

Page 264 printed:

$$P = \mathcal{J}^{0,\mathfrak{M}}(P) \xleftarrow{\pi_{1,P}^{0,\mathfrak{M}}} \dots \xleftarrow{\pi_{k,P}^{k-1,\mathfrak{M}}} \mathcal{J}^{k,\mathfrak{M}}(P) \xleftarrow{\pi_{k+1,P}^{k,\mathfrak{M}}} \mathcal{J}^{k+1,\mathfrak{M}}(P) \xleftarrow{\pi_{k+2,P}^{k+1,\mathfrak{M}}} \dots \quad (15.45)$$

Should be:

$$P = \mathcal{J}^0(P; \mathfrak{M}) \xleftarrow{\pi_{1,P}^{0,\mathfrak{M}}} \dots \xleftarrow{\pi_{k,P}^{k-1,\mathfrak{M}}} \mathcal{J}^k(P; \mathfrak{M}) \xleftarrow{\pi_{k+1,P}^{k,\mathfrak{M}}} \mathcal{J}^{k+1}(P; \mathfrak{M}) \xleftarrow{\pi_{k+2,P}^{k+1,\mathfrak{M}}} \dots \quad (15.45)$$

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Page 265 printed:

$$\begin{array}{ccc} \mathcal{J}_{<}^{k,\mathfrak{M}}(A) & \xrightarrow{\mathcal{J}^k(\varphi)} & \mathcal{J}_{<}^{k,\mathcal{K}}(B) \\ j_k^{\mathfrak{M}} \uparrow & & \uparrow j_k^{\mathcal{K}} \\ A & \xrightarrow{\varphi} & B \end{array} \quad (15.48)$$

Should be:

$$\begin{array}{ccc} \mathcal{J}_{<}^k(A; \mathfrak{M}) & \xrightarrow{\mathcal{J}^k(\varphi)} & \mathcal{J}_{<}^k(B; \mathcal{K}) \\ j_k^{\mathfrak{M}} \uparrow & & \uparrow j_k^{\mathcal{K}} \\ A & \xrightarrow{\varphi} & B \end{array} \quad (15.48)$$

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Page 269 printed:

$$\begin{array}{ccccc} & & \varphi^* & & \\ & \swarrow & & \searrow & \\ \mathcal{O}_{\Phi}^{\mathfrak{M}} & \xleftarrow{H_{\mathfrak{T}}^{\mathfrak{M}}} \mathcal{J}_{<}^{k,\mathfrak{M}}(\mathcal{O}_{\Psi}^{k,\mathfrak{M}}) & \xrightarrow{\varphi^*} \mathcal{J}_{<}^{k,\mathcal{K}}(\mathcal{O}_{\Psi}^{\mathcal{K}}) & \xrightarrow{H_{\mathfrak{T}}^{\mathcal{K}}} & \mathcal{O}_{\Phi}^{\mathcal{K}} \\ & \swarrow \Delta_{\mathfrak{T}}^{\mathfrak{M}} & \uparrow j_k^{\mathfrak{M}} & \uparrow j_k^{\mathcal{K}} & \swarrow \Delta_{\mathfrak{T}}^{\mathcal{K}} \\ & \mathcal{O}_{\Psi}^{\mathfrak{M}} & \xrightarrow{\varphi^*} & \mathcal{O}_{\Psi}^{\mathcal{K}} & \end{array} \quad (15.54)$$

Should be:

$$\begin{array}{ccccc} & & \varphi^* & & \\ & \swarrow & & \searrow & \\ \mathcal{O}_{\Phi}^{\mathfrak{M}} & \xleftarrow{H_{\mathfrak{T}}^{\mathfrak{M}}} \mathcal{J}_{<}^k(\mathcal{O}_{\Psi}^{\mathfrak{M}}; \mathfrak{M}) & \xrightarrow{\varphi^*} \mathcal{J}_{<}^k(\mathcal{O}_{\Psi}^{\mathcal{K}}; \mathcal{K}) & \xrightarrow{H_{\mathfrak{T}}^{\mathcal{K}}} & \mathcal{O}_{\Phi}^{\mathcal{K}} \\ & \swarrow \Delta_{\mathfrak{T}}^{\mathfrak{M}} & \uparrow j_k^{\mathfrak{M}} & \uparrow j_k^{\mathcal{K}} & \swarrow \Delta_{\mathfrak{T}}^{\mathcal{K}} \\ & \mathcal{O}_{\Psi}^{\mathfrak{M}} & \xrightarrow{\varphi^*} & \mathcal{O}_{\Psi}^{\mathcal{K}} & \end{array} \quad (15.54)$$

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Page 339 printed:

$$\bar{y} \cdot f(\bar{x})d\bar{x} = 0 = \bar{x} \cdot g(\bar{y})d\bar{y}.$$

Should be:

$$\bar{y} \cdot f(\bar{x})d\bar{x} = 0 = \bar{x} \cdot g(\bar{y})d\bar{y}.$$

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Page 400 printed:

$$\begin{aligned} \langle a_1, a_2, a_3, \dots, a_{k+1} \rangle_{\Delta} &= \langle a_2, \dots, a_{k+1} \rangle_{\Delta(a_1)} \\ \langle a_3, \dots, a_{k+1} \rangle_{(\Delta(a_1))(a_2)} &= \langle a_3, \dots, a_{k+1} \rangle_{[a_1, a_2]_{\Delta}}. \end{aligned} \quad (17.40)$$

Should be:

$$\begin{aligned} \langle a_1, a_2, a_3, \dots, a_{k+1} \rangle_{\Delta} &= \langle a_2, \dots, a_{k+1} \rangle_{\Delta(a_1)} \\ &= \langle a_3, \dots, a_{k+1} \rangle_{(\Delta(a_1))(a_2)} = \langle a_3, \dots, a_{k+1} \rangle_{[a_1, a_2]_{\Delta}}. \end{aligned} \quad (17.40)$$

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Page 411 line 7 printed:

$$\mathrm{Hom}(\Lambda(\mathcal{A}), \mathcal{Q}) = D(\mathcal{Q}), \quad \mathrm{Hom}(\Lambda(\mathcal{A}) \ni h \mapsto h \circ \delta \in D(\mathcal{Q}).$$

Should be:

$$\mathrm{Hom}(\Lambda(\mathcal{A}), \mathcal{Q}) = D(\mathcal{Q}), \quad \mathrm{Hom}(\Lambda(\mathcal{A}), \mathcal{Q}) \ni h \mapsto h \circ \delta \in D(\mathcal{Q}).$$

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Page 412 line 12 printed:

$$\mathrm{Hom}(\mathcal{J}^n(\mathcal{P}) \ni h \mapsto h \circ \mathbf{j}_n \in \mathrm{Diff}_n(\mathcal{P}, \mathcal{Q}).$$

Should be:

$$\mathrm{Hom}(\mathcal{J}^n(\mathcal{P}), \mathcal{Q}) \ni h \mapsto h \circ \mathbf{j}_n \in \mathrm{Diff}_n(\mathcal{P}, \mathcal{Q}).$$

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Page 413 lines 2–4 printed:

**Theorem-exercise.** Prove that

1. The  $\mathcal{A}$ -modules  $\mathfrak{J}^n(\mathcal{Q})$  are well defined.
2.  $\mathfrak{J}^n(\mathcal{Q}) = \mathcal{J}^n(\mathcal{Q})$ .

Should be:

**Exercises.** 1. Prove that the  $\mathcal{A}$ -modules  $\mathfrak{J}^n(\mathcal{Q})$  are well defined.

2. Check if it is correct that  $\mathfrak{J}^n(\mathcal{Q}) = \mathcal{J}^n(\mathcal{Q})$ .
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