

Errata

Differential Forms and Applications,
Manfredo P. do Carmo, Springer-Verlag, 1994.

page	line(s)	error	correction
4	3	k -upla	k -tuple
36	↑2	Fig. 3.1	Fig. 3.2
57	↑2	$\alpha(t) = e^{-\frac{1}{(t+1)(t+2)}}$	$\alpha(t) = e^{\frac{1}{(t+1)(t+2)}}$
63	15	$f_\alpha \circ f_\beta^{-1}$	$f_\alpha^{-1} \circ f_\beta$
68	3	$\omega_1 \wedge dt \wedge \eta$	$\omega_1 + dt \wedge \eta$
78	↑7	$dx_j(a_j) = \delta_{ij}$	$dx_i(a_j) = \delta_{ij}$
80	10–11	$V \cap M = x(U)$	$x(U) \subset V$
82	12	$V \cap x(M) = x(U)$	$x(U) \subset V$
83	↑8	T_Qm	T_qM
85	6	$x(x, v)$	$x(s, v)$
86	12	\mathbf{R}^2	\mathbf{R}^3
86	16	$I_p(v, v)$	$I_p(v)$
87	13	$\frac{d^2x}{ds}(0)$	$\frac{d^2x}{ds^2}(0)$
87	20	T_pS	T_pM
88	4	e_i to e'_i	$(e_i)_p$ to $(e'_i)_{p'}$
89	1	$I_p(v, v) = I'_{f(p)}(df(v), df(v))$	$I_p(v) = I'_{f(p)}(df(v))$
89	1	$II_p(v, v) = II'_{f(p)}(df(v), df(v))$	$II_p(v) = II'_{f(p)}(df(v))$
89	8	$f^*\omega_{12} = \omega_{12}$	$f^*\omega'_{12} = \omega_{12}$
91–92	Lemma 5, Proof.	sen φ	sin φ
95	6	along α	along α with $ V = 1$
102	↑ 2	$M^2 - U_i\{p_i\}$	$M^2 - \bigcup_i\{p_i\}$
104	11	$M - U\{p_i\}$	$M - \bigcup_i\{p_i\}$
103 105	3 14, 16	$\int_{M-U_iB_i}, \int_{M-UB_i}$	$\int_{M-\bigcup_i B_i}$
103 105	3 16	$\int_{U(\partial B_i)}, \int_{U\partial B_i}$	$\int_{\bigcup_i(\partial B_i)}$