

**ERRATA IN  
“INTRODUCTION TO HYPERFUNCTIONS”**

p.4, up 2	(0.6)	$\implies$	(0.4)
p.12, down 3	$-2\pi iY(-x)$	$\implies$	$-\pi iY(-x)$
p.25, up 10	$f_{\lambda_i}$	$\implies$	$f_{\lambda_I}$
p.25, up 10	$g_{\mu_j}$	$\implies$	$g_{\mu_J}$
p.26, up 5	$\oint$	$\implies$	$\oint_{\gamma}$
p.35, down 11	$\sum_{k=0}^{\infty}$	$\implies$	$\sum_{k=1}^{\infty}$
p.38, down 1	$\partial U_{j,k}$	$\implies$	$U_{j,k}$
p.40, up 7	$F_{\lambda\mu} \in \mathcal{O}(U)$	$\implies$	$F_{\lambda\mu} \in \mathcal{O}(U_{\lambda} \cap U_{\mu})$
p.41, up 17	of $\Omega$	$\implies$	of $x$
p.41, up 9	tangent	$\implies$	complex tangent
p.52, up 9	$\Omega_1 \times \{-dx\infty\}$	$\implies$	$\Omega_2 \times \{-dx\infty\}$
p.52, up 4, 7	$\sqcup$	$\implies$	$\cup$
p.54, up 14	$f_{\lambda_{\mu}}$	$\implies$	$f_{\lambda_{\mu}}$
p.54, up 10	$\Omega_{\lambda}$	$\implies$	$\Omega_{\lambda} \cap \Omega_{\mu}$
p.60, up 11	$MBCk(B\delta)^{k-1}$	$\implies$	$CM(B\delta)^k$
p.60, up 13	$\frac{M\delta^{k-1}}{(k-1)!}$	$\implies$	$\frac{M\delta^k}{k!}$
p.81, down 10	infimum	$\implies$	supremum
p.84, down 2, @@ up 4	$\bigcap_{w \in D}$	$\implies$	$\bigcap_{w \in D}$
p.88, up 12	$ x_1 $	$\implies$	$ x_1 $
p.90, up 15	$e^{iz_j\check{\xi}_j - tz_j^2} \xi  - t(z_j^2 - (\check{z}_j\check{\xi}_j/ \check{\xi}_j )^2) \xi $	$\implies$	$e^{iz_j\check{\xi}_j - t(z^2 - (\check{z}_j\check{\xi}_j/ \check{\xi}_j )^2)} \xi $
p.92, down 8	$\times \{\zeta\}$	$\implies$	$\times \{\xi\}$
p.93, down 11	Bibliographical	$\implies$	Bibliographical
p.93, down 13	bing	$\implies$	being

p.93, up 3	quite	$\implies$	quite
p.94, up 1	in Part II)]	$\implies$	in Part II.)]
p.98, down 16	$\mathbf{R}^n \times (1/i)\mathbf{S}_\infty^{*n-1}$	$\implies$	$\Omega \times (1/i)\mathbf{S}_\infty^{*n-1}$
p.100, up 8	small	$\implies$	close to $\Gamma$
p.105, up 9	$x + i\Gamma_j \cap \Delta_k$	$\implies$	$x + i\Gamma_j \cap \Delta_k 0$
p.111, down 13	$\oint_{ \tau =0}$	$\implies$	$\oint_{ \tau =\delta}$
p.113, down 17	in $(z, \xi)$	$\implies$	in $(z, \zeta)$
p.119, down 6	a domain	$\implies$	a bounded domain
p.121, up 10	estimates hold	$\implies$	estimate holds
p.122, down 4	$dx \infty$	$\implies$	$d(x, t) \infty$
p.125, up 11	and $F_{j1}(z)$	$\implies$	and $F_{j1}(z, \tau)$
p.128, up 15	$\Phi(x, \tilde{t})$	$\implies$	$\Phi(x, t)$
p.129, down 7	$\Phi^{-1}(K)$	$\implies$	$\Phi^{-1}(\tilde{K})$
p.132, up 12	$f * g =$	$\implies$	$f * g :=$
p.134, down 7	a real analytic parameter	$\implies$	real analytic parameters
p.134, up 13	$f(x, t).$	$\implies$	$f(x, t).)$
p.136, down 5	$W_\alpha(z, \overline{\Gamma_\sigma})$	$\implies$	$W_\alpha(x, \overline{\Gamma_\sigma})$
p.137, down 1	$[a_n, b_n],$	$\implies$	$[a_n, b_n]),$
p.141, down 5	$[a_n, b_n].$	$\implies$	$[a_n, b_n]).$
p.147, up 10	...spectra.	$\implies$	...spectra.)
p.155, down 1	Insert the following after "... by Liouville's theorem.": (Apply it to the function of $z_1$		

$$\oint_{\gamma_2} \cdots \oint_{\gamma_n} F(z) \frac{1}{\zeta_2 - z_2} \cdots \frac{1}{\zeta_n - z_n} dz_2 \cdots dz_n$$

to conclude that it is zero, and then by applying  $\oint_{\gamma_1} dz_1 \frac{1}{\zeta_1 - z_1}$  to the above, deduce  $F(\zeta) \equiv 0$ .)

p.155, up 5	$+\frac{1}{(2\pi i)^n} \cdots$	$\implies$	$+\frac{1}{(2\pi i)^{n-1}} \cdots$
p.177, down 17	this holomorphic function	$\implies$	these holomorphic functions
p.179, up 8	$\mathcal{B}(T)$	$\implies$	$\mathcal{O}(T)$
p.188, down 12	$f_\pm(x, t, s)$	$\implies$	$\tilde{f}_\pm(x, t, s)$

p.199, down 7	$ x  < 2\delta$	$\implies$	$ x  \leq 2\delta$
p.200, down 16	$\leq$	$\implies$	$\geq$
p.200, down 16	$\geq$	$\implies$	$\leq$
p.200, up 12	$<$	$\implies$	$\leq$
p.208, down 10	$\prod_{j=0}^{m-1} \mathcal{A}(K)$	$\implies$	$\prod_{j=0}^{m-1} \mathcal{A}(K')$
p.208, down 15	$(v(x), v_{m-1}(x'), \dots, v_0(x'))$	$\implies$	$(v(x), u_{m-1}(x'), \dots, u_0(x'))$
p.208, up 13	For $u \in \mathcal{B}[\Omega]$ ,	$\implies$	For $u \in \mathcal{B}[\Omega]$ with a bounded $\Omega$ ,
p.208, up 8	of $P(x, D)u = 0$	$\implies$	of an $m$ -th order equation $P(x, D)u = 0$
p.227, down 7	$K(x, y)u(y)dy$	$\implies$	$\int K(x, y)u(y)dy$
p.228, down 11	the pseudo-differential operator	$\implies$	the operator $Q(x, D)$
@@ -12	$Q(x, D)$		
p.229, up 13	cohomorlogy	$\implies$	cohomology
p.232, up 13	$f(y)f(x)$	$\implies$	$f(y)g(x)$
p.241, down 9	$\mathcal{F}''$	$\implies$	$\mathcal{F}'$
p.247, (5.2.4)	$K''^{n''+1}$	$\implies$	$K''^{n+1}$
p.251, down 5	homomorphism	$\implies$	homeomorphism
p.254, down 3	assumption (5.3.9)	$\implies$	assumption (5.3.5)
p.255, up 2	it exact	$\implies$	is exact
p.257, down 2	by Lemma 5.1.3	$\implies$	(cf. Lemma 5.1.3)
p.269, down 4	$\tilde{c}_\mu^1$	$\implies$	$\tilde{c}_\mu^1$
p.270, down 19	$\wedge U_{\lambda_n}$	$\implies$	$\wedge U_{\lambda_{n+1}}$
p.272, down 6	$\check{H}^n(X, S)$	$\implies$	$\check{H}^n(X, \mathcal{F})$
p.275, down 13	$H^1(X, \mathbf{C})$	$\implies$	$H^1(\mathbf{R}^n, \mathbf{C})$
p.283, up 2	$H^1(F, \mathcal{F})$	$\implies$	$H^k(F, \mathcal{F})$
p.284, down 12	$H_K^n(X, \mathcal{F})$	$\implies$	$H_K^n(X, \mathcal{F})$
p.288, up 6	$f^* \mathcal{O}$	$\implies$	$f_* \mathcal{O}$
p.289, up 15	$H^k(K', f_* \mathcal{O})$	$\implies$	$H^k(K, f_* \mathcal{O})$
p.291, up 13	$\sum_{(j_1, \dots, j_j)}$	$\implies$	$\sum_{(j_1, \dots, j_k)}$
p.330, down 7	neighborhood of $\Omega$	$\implies$	neighborhood of $\Omega$ satisfying $U \cap \mathbf{R}^n = \Omega$

p.330, down 10	$U^0 j =$	$\implies$	$U_j =$
p.330, up 3	$\mathbf{R}^n + i\Gamma_\sigma 0$	$\implies$	$\Omega + i\Gamma_\sigma 0$
p.335, down 4	(7.1.5)	$\implies$	(7.1.15)
p.338, down 6	$E_{\eta^n}$	$\implies$	$E_{\eta^N}$
p.351, down 3	compact	$\implies$	compact
p.368, down 6	transform $f(x)$	$\implies$	transform of $f(x)$
p.369, up 11	$H_K(\eta) \leq H_{\widehat{K}}(\eta)$	$\implies$	$H_K(\eta) = H_{\widehat{K}}(\eta)$
p.369, up 8	transformation A	$\implies$	transformation A
p.371, up 3	$cz^m \prod_{k=1}^{\infty} (1 - z/\lambda_k)$	$\implies$	$c\zeta^m \prod_{k=1}^{\infty} (1 - \zeta/\lambda_k)$
p.376, up 15	with $\tilde{O}^{-\delta}(\mathbf{D}^n + i\{ y  < \delta\})$	$\implies$	with $\tilde{O}^{-\gamma}(\mathbf{D}^n + i\{ y  < \delta\})$
p.378, up 11	$\mathbf{D}^n + iI$	$\implies$	$\mathbf{D}^n + i\widehat{I}$
p.379, up 14	$\tilde{Q}^{-\delta}$	$\implies$	$Q^{-\delta}$
p.381, up 21	$i\Gamma_s 0$	$\implies$	$i\Gamma_\sigma 0$
p.385, up 10	$i\Gamma_s 0$	$\implies$	$i\Gamma_\sigma 0$
p.394, down 10	difficulties	$\implies$	difficulties
p.402, up 13	$Q_* _{\mathbf{R}^m}$	$\implies$	$Q_* _{\mathbf{R}^n}$
p.402, up 12	$\in (\mathbf{D}^n)$	$\implies$	$\in Q(\mathbf{D}^n)$
p.403, up 7	$f(\xi)$	$\implies$	$\hat{f}(\xi)$
p.404, up 9	$H_K(\eta) = +\infty$	$\implies$	$H_K(\eta) < +\infty$
p.422, down 9	$\partial G_k(z)/\partial z_1$	$\implies$	$\partial G_{jk}(z)/\partial z_1$
p.451, down 7	212–127	$\implies$	121–127