

ERRATA

- p. 7, l. 7: replace “ $\|u - v\|^q$ ” by “ $\|u - v\|(\|u\| + \|v\|)^{q-1}$ ”.
- p. 8, l. –11: after “Set $r = (2 + \lambda)a \cos \varepsilon - \omega\lambda$ ” add “and if necessary choose ε so small that $r > 0$ ” .
- p. 8, l. –9: replace “ $c = (1 - e^{-\varepsilon})/r$ ” by “ $c = [1 - \exp(e^{-\varepsilon} - 1)]/r$ ”.
- p. 14, l. –1: replace (three times) “ i ” by “ j ” inside the minimum.
- p. 16, l. 5: replace $<$ by \leq .
- p. 16, l. 6: replace v_i by v_j and $i < m_i$ by $j < m_i$.
- p. 24, l. 6: replace $\{e_{k+1}, \dots, e_n\}$ by $\{e_1, \dots, e_{k-1}\}$.
- p. 24, l. 9: replace \geq by \leq .
- p. 24, l. 13: replace (1.3.8) by (1.3.9).
- p. 24, l. 14: replace $\sum_{i=1}^s k_i \chi_i^+ \geq \sum_{k=1}^n \chi^+(z_k)$ by $\sum_{i=1}^s k_i \chi_i^+ = \sum_{k=1}^n \chi^+(z_k)$.
- p. 25, l. 15: replace “ $v_2 \neq 0$ ” by “ $v_1 \neq 0$ ”.
- p. 27, in lines –9, –8 and –7: replace “ $(\|x_1 - x_2\|_R)^q$ ” by “ $(\|x_1\|_R + \|x_2\|_R)^{q-1} \|x_1 - x_2\|_R$ ”.
- p. 27: replace three lines –5, –4 and –3 by
- $$\|Jx_1 - Jx_2\|_R \leq D_3 K D_2 (\|x_1\|_R + \|x_2\|_R)^{q-1} \|x_1 - x_2\|_R.$$
- p. 32, l. –1: add space between “ χ_s ” and “such”.
- p. 43, l. –3: replace “ $df_{if^m(x)}^{n+1}$ ” and “ $d'f_{if^m(x)}^{n+1}$ ” respectively by “ $df_{if^m(x)}^n$ ” and “ $d'f_{if^m(x)}^n$ ”.
- p. 43, l. –1: replace “ $A_{0,m}^i(B_{0,m}^i)^*$ ” by “ $A_{m,0}^i(B_{m,0}^i)^*$ ”.
- p. 44, l. 3: replace “ $A_{0,m+n}^i(A_{0,m}^i)^{-1} = A_{0,m+n}^i(B_{0,m}^i)^*$ ” by “ $A_{n+m,0}^i(A_{m,0}^i)^{-1} = A_{n+m,0}^i(B_{m,0}^i)^*$ ”.
- p. 46, l. –1: replace “ $C(x, \varepsilon)$ ” and “ $K(x, \varepsilon)$ ” respectively by “ $C(x)$ ” and “ $K(x)$ ”.
- p. 47, l. –7: replace “real” by “a sufficiently small number ε and Borel”.
- p. 52, l. 8: replace “ $\mathcal{A}'_m = A'_{m-1} \cdots A'_0$ ” by “ $\mathcal{A}'_m = A'_m \cdots A'_1$ ”.
- p. 52, l. 13 and l. –16: replace “ \mathcal{A}'_m ” by “ χ' ”.
- p. 52, l. –11: replace “By Theorem 2.1.1” by “Since χ' is regular”.
- p. 56, l. 3 and 4: replace “–” by “+” before “ \mathcal{B}_m ” and before “ B_j^{m-1} ”.
- p. 58, l. 13: erase sentence “By the Representation Theorem for Lebesgue spaces, we may assume ...”.
- p. 58, l. 18 and 19: replace “convex topological vector space and it is compact in the weak topology” by “compact convex subset of a locally convex topological vector space”.
- p. 58, l. –9: replace “ $df^{-1}(x)$ ” by “ $(df(x))^{-1}$ ”.
- p. 59, l. –5: replace “ $\sum_{k=-m}^{-1}$ ” by “ $\sum_{k=-m+2}^1$ ”.
- p. 65, l. –6 and l. –1: replace “ $\mathcal{X}(t)$ ” by “ $\mathcal{X}(x)$ ”.
- p. 66, after formula (3.2.1) add “where $\lambda > 1$ is an eigenvalue of A ”.
- p. 66, l. –3: replace “ $r_1 < r_0$ ” by “ $r_1 > r_0$ ”.
- p. 67, l. –22: replace “ D ” by “ D_{τ_1} ” and replace “horizontal” by “vertical”.

- p. 67, l. -12 and -11: in the definition of cones interchange “ $|v_1| \leq \alpha|v_2|$ ” and “ $|v_2| \leq \alpha|v_1|$ ”.
- p. 67, l. -5: replace “ $\supset D_{r_1}$ ” by “ $\supset D_{r_1} \setminus W$ ”.
- p. 67, l. -1: replace “ $K^u(x) = dG^{-1}K^u(G(x))$ ” by “ $K^u(G(x)) = dGK^u(x)$ ”.
- p. 68, l. 4: replace “ $K^s(x) = dGK^s(G^{-1}(x))$ ” by “ $K^s(G^{-1}(x)) = dG^{-1}K^s(x)$ ”.
- p. 68, l. 6: replace “ $G^{-1}(K^s(x))$ ” by “ $dG^{-1}K^s(x)$ ” and “ $G(K^u(x))$ ” by “ $dGK^u(x)$ ”.
- p. 68, l. 10: replace “ $G^{-j}(K^s(G(x)))$ ” by “ $dG^{-j}K^s(G^j(x))$ ” and “ $G^j(K^u(G^{-j}(x)))$ ” by “ $dG^jK^u(G^{-j}(x))$ ”.
- p. 76, l. 11: replace “ $t \rightarrow \infty$ ” by “ $s \rightarrow \infty$ ”.
- p. 77, l. 13 and p. 79, l. 11: replace “ v, s ” by “ $g_s v, g_s w$ ”.
- p. 81, l. -12: replace “a smooth” by “of a smooth injective”.
- p. 84, l. -2: replace “ \mathbb{R}^n ” by “ \mathbb{R}^p ”.
- p. 89, l. -3: replace “ S ” by “ B ”.
- p. 99, l. -4: replace “ $X \cap B(x, q)$ ” by “ $B(x, q)$ ”.
- p. 102, l. -11 and l. -9: replace “ y_i ” by “ y^i ”.
- p. 104, l. -1 and p. 105, l. 8: replace “ $\lambda^k e^{\varepsilon k}$ ” by “ $e^{-\varepsilon(m-k)}$ ”.
- p. 105, l. 9: replace “ $(\lambda e^\varepsilon \rho(z, y_1))^\alpha$ ” by “ q^α ”.
- p. 105, l. 9: replace “ $(\lambda e^\varepsilon)^\alpha$ ” by “ $e^{-\varepsilon\alpha}$ ”.
- p. 109, l. 16: replace “ W_m^2 ” by “ \hat{W}_m^2 ”.
- p. 113, l. 7: replace “real” by “a sufficiently small number ε and Borel”.
- p. 132, l. -9 and -8: replace C with $\bigcup_{C \cap D \neq \emptyset} C$.