# List of Errors

During his extremely careful elaboration of the Japanese translation of "Analysis by Its History", Professor Yukihiro Kanie revealed the printing errors listed below to the authors. Unfortunately, the "Second Revised Printing" of the English edition had just gone to the printer. The gentle reader is therefore asked to correct these errors in his copy . . . — or to read Japanese.

p. 56, line 14: replace "for $0 \le x < \infty,\ 1 \le y < \infty$" by "for $1 \le x < \infty,\ 0 \le y < \infty$" .

p. 78, line 9–10: replace "$e^x = (\tanh(x/2) - 1)/(\tanh(x/2) + 1)$" by $e^x = (1 + \tanh(x/2))/(1 - \tanh(x/2))$.

p. 119, line 15: replace "degree $\le \deg Q - 1$" by "degree $< \deg Q - 1$".

p. 122, line 8: replace "degree $\le \deg Q - 1$" by "degree $< \deg Q - 2$".

p. 122, line 20: replace "treated in the last example" by "(4.30)".

p. 201, line 10: replace "$= \displaystyle\sum_{j=0}^{n} b_j \sum_{i=n+1}^{2n-j} a_i +$" by "$= \displaystyle\sum_{j=0}^{n-1} b_j \sum_{i=n+1}^{2n-j} a_i +$"

p. 234, line $-2$: replace "verify the equality" by "check whether the following equality holds".

p. 236, line $-12$: replace "irrational" by "non-integer rational".

p. 250, line 2: replace "(7.5) becomes $\sum_n c_n z^n$ with $c_n = 1/(2n+1)$" by "(7.5) divided by $x$ becomes $\sum_n c_n z^n$ with $c_n = (-1)^n/(2n+1)$".

p. 252, line 5: replace "Remark 7.10" by "Theorem 7.8".

p. 254, line 4: replace "Example 7.5" by "Example 7.6".

p. 255, line 4: replace

$$R(a) = 0, \quad R'(a) = 0, \quad \ldots \quad , \ R^{(k)}(a) = 0$$

by

$$R_k(a) = 0, \quad R_k'(a) = 0, \quad \ldots \quad , \ R_k^{(k)}(a) = 0.$$

p. 255, line 5: replace "$S^{(i)}(a) = 0$" by "$S_k^{(i)}(a) = 0$".

p. 255, line $-1$: replace

$$\sum_{n=0}^{\infty} c_n \qquad \text{and} \qquad \sum_{n=0}^{\infty} \frac{c_n}{n}$$

by

$$\sum_{n=1}^{\infty} c_n \qquad \text{and} \qquad \sum_{n=1}^{\infty} \frac{c_n}{n}.$$

p. 267, line 6: replace "$\mu_n \leq 2(n+1)$" by "$\mu_n \leq (n+1)/2$"

p. 267, line 8: replace "$2(n+1)$" by "$\dfrac{n+1}{2}$".

p. 275, line 13: replace "(which is $\|x\|_2$)" by "(which is $\|x\|_2^2$)".

p. 276, line $-10$: replace "$\|x_i - a\| < C_2\varepsilon$" by "$\|x_i - a\|_q < C_2\varepsilon$"

p. 293, Eq. (2.12): replace "$j = 1, 2, \ldots, m$" by "$i = 1, 2, \ldots, m$".

p. 297, Figure 2.9: replace "$V$" by "$F$" (two times).

p. 320, line 10: replace "2.16" by "4.32".

p. 345, line 1: replace "$= r^2 \sin\theta$" by "$= -r^2 \sin\theta$".

p. 361, line $-7$: replace "geoemtricae in quadrandis infinitis parabolis et hyperbolis," by "geometricae in quadrandis infinitis parabolis et hyperbolis usus,".

p. 367, line $-25$: replace "Varänderlichen" by "Veränderlichen".