

Chapter 1- Chapter 3

- P3, line -11: a convex subset should be a convex closed subset
- P12, line10: not explain what ζ function is when it appears for the first time. But in P49, line -2 it is explained.

$$\zeta(s) = \sum_{n \geq 1}^{\infty} \frac{1}{n^s}$$

- P15, line2: compact should be relatively compact
- P22, line15:

$$\sum_{n=1}^N \frac{C_n^2 + S_n^2}{2\pi n}$$

should be

$$\sum_{n=1}^N \frac{C_n^2 + S_n^2}{4\pi n}$$

- P34, line -5: $\sigma(s)$ should be $\sigma(r + s)$
- P35, the proof of Corollary 2.16 line7:
the second $\pi_n(s_1)$ should be $\pi_n(s_2)$
- P38, line4: $\pi_n(a)$ should be $\pi_n(\mathbf{a})$
- P43, line8: signature of X should be signature of x
- P45, the third paragraph line6:
with respect to X should be with respect to x
- P47, line11 finite $\frac{n+1}{p}$ variation should be $\frac{p}{n+1}$
- P50, On the other hand: the correct form should be

$$\begin{aligned} \hat{X}_{s,t}^{\hat{D}} - \hat{X}_{s,t}^D &= \hat{X}_{s,t_1}^{\hat{D}_0} \otimes \cdots \otimes \hat{X}_{t_{r-1},t}^{\hat{D}_{r-1}} - \hat{X}_{s,t_1} \otimes \cdots \otimes \hat{X}_{t_{r-1},t} \\ &= \sum_{j=0}^{r-1} \hat{X}_{s,t_1}^{\hat{D}_0} \otimes \cdots \otimes \hat{X}_{t_{j-1},t_j}^{\hat{D}_{j-1}} \otimes (\hat{X}_{t_j,t_{j+1}}^{\hat{D}} - \hat{X}_{t_j,t_{j+1}}) \\ &\quad \otimes \hat{X}_{t_{j+1},t_{j+2}} \otimes \cdots \otimes \hat{X}_{t_{r-1},t} \end{aligned}$$

- P50 line -3: on $X^D - X^{\hat{D}}$ should be $\hat{X}_{s,t}^D - \hat{X}_{s,t}^{\hat{D}}$
- P55 line -4: $T^2(R^d)$ should be $T^{(2)}(R^d)$