

**Erratum for:**  
**Financial Modelling with Jump Processes**  
**by Rama Cont and Peter Tankov**

Negative line numbers correspond to counting from the bottom of the page.

**Page 32, Eq. (2.33)** Replace  $\mu_2(X)$  with  $\mu_2^2(X)$ .

**Page 53, line 1** Here and on 4 more occasions below on this page replace  $\lambda$  with  $\sqrt{\lambda}$ .

**Page 54, line 2** Replace  $T_n \geq t$  with  $T_n \leq t$ .

**Page 60, Eq. (2.92)** The expression  $\mathbb{R}^d \setminus \{0\}$  should be below the integral sign.

**Page 60, Eq. (2.93)** Add  $\mu(ds dy)$  at the end of equation.

**Page 78, line -13** Replace  $\mu(B)$  with  $M(B)$ .

**Page 82, line 9:**  $|E \exp\{iuX_t\}| > 0$

**Page 85, line -1:**

$$\psi(z) = \int_{\mathbb{R}^d} (e^{iu \cdot x} - 1) \nu(dx) \quad \text{with} \quad \nu(\mathbb{R}^d) < \infty$$

**Page 90, line 12** Replace  $\mathbb{R}^d$  with  $\mathbb{R}$  in the statement of proposition 3.12.

**Page 94, line -12** Remove “at time 1”

**Page 107, line -9** Replace  $M = \begin{pmatrix} 1 \\ 1 \end{pmatrix}$  with  $M = (1 \ 1)$ .

**Page 117, Table 4.5** The normalizing constant for the density of the variance gamma process (line 13) contains an error; the correct form is

$$C = \sqrt{\frac{\sigma^2 \kappa}{2\pi}} \frac{(\theta^2 \kappa^2 + 2\sigma^2 \kappa)^{\frac{1}{4} - \frac{t}{2\kappa}}}{\Gamma(t/\kappa)}$$

The normalizing constant for the Lévy density of the normal inverse Gaussian process (line 10) contains an error: the correct form is

$$C = \frac{\sqrt{\theta^2 + \sigma^2/\kappa}}{\pi \sigma \sqrt{\kappa}}$$

**Page 138, line 11** Replace “a function is increasing and grounded” with “a function is 2-increasing and grounded”

**Page 139, line -12** Replace [364] with [365]

**Page 143, line 9** Replace [372] with [373]

**Page 146, line -4** Replace [364] with [365]

**Page 185, line -3** Replace  $\nu(x)dx$  with  $\nu(dx)$ .

**Page 224, Eq. (7.20)** Replace  $x \rightarrow \infty$  with  $n \rightarrow \infty$ .

**Page 230, Eq. (7.39)** This equation should read:

$$\text{cov}(B_t^H, B_s^H) = \frac{1}{2}(t^{2H} + s^{2H} - |t - s|^{2H}).$$

**Page 255, line 5** In this and the following two lines replace  $|\phi_s(\omega)|$  with  $|\phi_s(\omega)|^2$ .

**Page 257, line 14** Replace “If S is a semimartingale” with “If X is a semimartingale”.

**Page 276, Eq. (8.52)** Remove  $<$  in the beginning of equation.

**Page 277, line 10** Replace  $\mathbb{R}^d$  with  $\mathbb{R}$  in the integral.

**Page 301, Eq. (9.15)** Replace  $\phi_s$  with  $\phi_t$ .

**Page 334, line 5** Replace  $dZ_u$  with  $dZ_t$ .

**Page 344, line -6** Replace  $Z_t$  with  $X_t^*$ .

**Pages 361–362:** Replace  $\rho(x)dx$  with  $\rho(dx)$

**Page 366, line 15 (second display on this page):** In this and the next displayed equation replace  $\frac{A}{N}$  with  $\frac{A}{N-1}$ .

**Page 370 line -8** Replace  $\phi(u)$  with  $\phi(z)$

**Page 375 Eq. (11.34)** This equation should read

$$\hat{Y}(b) = \bar{Y} + b(EX - \bar{X}).$$

**Page 437, line 8** Replace  $\mathbb{Q}_\theta \in \mathcal{Q}$  with  $\{\theta : \mathbb{Q}_\theta \in \mathcal{Q}\}$ .

**Page 478 line 11** Replace  $f(x, u, T)$  with  $f(x, v, T)$ .

**Page 482, line -1** Replace  $\nu_t^y$  with  $\nu_t^y(B)$ .

**Page 499 line 12** Replace  $(z/2)^{\nu+k}$  with  $(z/2)^{\nu+2k}$

**Page 502** Reference [22] is the same as [23]

We would like to express our gratitude to all our readers who have sent in the errors and misprints they have found, with special thanks to Monique Jeanblanc, Martin Keller-Ressel and Ekaterina Voltchkova.