

Errata TSRT92, updated 2023-10-16

Course book (L. Ljung, T. Glad & A. Hansson: *Modeling and Identification of Dynamical Systems (2021)*):

| page | What it says | What it should say |
|------|--------------------------------|--|
| 204 | these processes are stationary | AR, MA and ARMA processes are stationary |
| 480 | FIR model, 222 | FIR model, 286 |

Exercise book (P. Lindskog, T. Glad, L. Ljung & J. Roll: *Modeling and Identification of Dynamical Systems: Exercises (2018)*):

| Page | What it says | What it should say |
|------------------|---|--|
| Exercises | | |
| 94 | Equations (11.66)-(11.70) in [11], page 274 | Equations (12.93)-(12.99) in [1], page 319 |
| 95 | Equation (11.60) in [11], page 272 | Equation (12.87) in [1], page 318 |
| 103 | Example 13.4 of [11]. | Example 17.6 of [1]. |
| 103 | model (13.22) ... | model (17.18) ... |
| 103 | Equation (13.19) in the book [11] | Equation (17.15) in the book [1] |
| 105 | Example 13.2 of [11]. | Example 17.3 of [1]. |
| Solutions | | |
| 190 | $\dots = 0.001K(1 - e^{-0.001t}),$ | $\dots = K(1 - e^{-0.001t}),$ |
| 248 | see [11], pages 202-203 | see [1], pages 202-203 |
| 249 | see Equations (C.14)-(C.15), page 384, in [11]. | see Equation (D.18), page 471, in [1]. |
| 249 | using Equation (D.13), page 389, in [11]. | using Equation (D.19), page 471, in [1]. |
| 249 | see [11], pages 202-203 | see [1], pages 202-203 |
| 250 | using Equation (D.13), page 389, in [11]. | using Equation (D.19), page 471, in [1]. |
| 251 | according to Equation (9.34), page 208, in [11] | according to Equation (9.34), page 208, in [1] |
| 252 | according to Equation (9.35), page 208, in [11] | according to Equation (9.35), page 208, in [1] |
| 284 | Equation (13.19), page 345, in [11] | Equation (17.15), page 425, in [1] |

References:

[1]: L. Ljung, T. Glad & A. Hansson. *Modeling and Identification of Dynamical Systems (2021)*

[11]: L. Ljung & T. Glad. *Modeling and Identification of Dynamical Systems (2016)*