Erratum to: Non-linear Processes

Erratum to:

Chapter 7 in: P. Doukhan, *Stochastic Models for Time Series*, Mathématiques et Applications 80,
https://doi.org/10.1007/978-3-319-76938-7_7

In the original version of the book, the belated correction from author to add the content. **Remark.** The model is also L^2 -contractive if $\mathbb{E}Y_0^2 < 1$. If Y_0 admits a Poisson distribution with parameter 1 this means that $a + a^2 < 1$; this is written $0 \leq a \leq (\sqrt{5} - 1)/2 \sim 0.6 < 1$ has to be incorporated at the end of Page 148 in Chapter 7. The erratum chapter and the book have been updated with the change.

The updated online version of this chapter can be found at
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E1