

Addenda to "Multiple Time Scale Dynamics"

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Abstract

This document collects addenda to the book [Kue15]. In particular, everything that could be added as potential comments and everything that concerns the production/publication process but does not appear in the book itself. The collection of addenda is in historical order.

- During production, I extensively discussed with Springer the future possibility that electronic versions of the book should have the reference list digitalized, i.e., every item gets a suitable DOI link added to it. Since the reference list is very long, electronic links make a lot of sense for this book. Hence, if this is not implemented by Springer within the next few years, please feel free to constantly remind them that it would be a good idea to do it.
- Consider the restriction operation $F|_{C_0}$ of a mapping F to a critical manifold C_0 . Even if $F = F(x, y, \varepsilon)$, so F depends upon ε , one usually does not write $F|_{C_0 \times \{0\}}$ but $\varepsilon = 0$ is understood in the notation $F|_{C_0}$ and $\times \{0\}$ is not written in the subscript to simplify the notation.

References

[Kue15] C. Kuehn. *Multiple Time Scale Dynamics*. Springer, 2015.