

# Adaptive time-integration for goal-oriented and coupled problems, Errata & Addendum

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## Errata

- p.22 last sentence: ... for EPS based controllers.
- p.43, 44: ~~preCiCe~~ preCICE
- p.60 first paragraph, last sentence: ... by which the solution to (4.16) is a fixed point to (6.5).
- p.62 last paragraph, first sentence: This result is consistent with the constant splitting result in Theorem ...
- p.66 second paragraph, last sentence: Missing space: ... and in 2D, for various material combinations and multirate settings on long time intervals.
- PaperIII, Section 1, 5th paragraph, Dirichlet-Neumann Waveform Relaxation
- PaperIII, Section 5.4, before (20): In the 1D case  $\mathbf{S}^{(m)}$  and  $\Sigma$  are scalars, ...
- PaperIII, Section 5.4, after (22): These are consistent with the one-dimensional continuous analysis performed in [13, ~~23~~, 25].
- PaperIII, Algorithm 1 (p.7): Typo in indexation:  $\mathcal{I}(\underline{\mathbf{q}}^{(k+1)}) \leftarrow$  Interpolation( $\underline{\mathbf{q}}^{(k+1)}$ )
- PaperIII, Section 8.2.3, last paragraph: ... successively performing the algorithm on smaller time-windows.
- PaperIII, Reference [30]: ..., ~~accepted~~, 41 (2019) pp.S86–S105
- PaperIV, Section 6.2, second sentence: By straight-forward substitutions of  $\hat{\mathbf{v}}^{(k+1)}$  and  $\hat{\mathbf{w}}^{(k+1)}$  ~~into~~ in the variable relaxation steps (9) into (2), ...
- PaperIV, Section 7, caption of Figure 1: Reference should be (6a) instead of (2a)
- PaperIV, Section 8.2, second to last paragraph on p. 17: On the bottom we employ a slip boundary condition ~~in  $x_2$  direction~~.
- PaperIV, Section 8.2, last paragraph on p. 17: 1st order finite volume discretization