Addendum-Erratum to Nonsmooth Modeling and Simulation for Switched Circuits
Bernard Brogliato

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(the first figure indicates the page number)

- 5, in (1.3), second line: \(0 \leq v(t) \perp w(t) = -\frac{u(t)}{R} - \ldots\)
- 6, line 5: \(0 \leq v(t) \perp -\frac{u(t)}{R} - \ldots\)
- 6, line 8: \(\max \left[0, \frac{u(t)}{R} + \frac{1}{RC} z(t)\right]\)
- 6, in (1.4): \(\max \left[0, \frac{u(t)}{R} + \frac{1}{RC} z(t)\right]\)
- 6, in (1.5), second line: \(0 \leq v_{k+1} \perp w_{k+1} = -\frac{u_{k+1}}{R} \ldots\)
- 7, in (1.6): \(w_{k+1} = (1 + \frac{h}{RC})^{-1} \left[-h\frac{v_{k+1}}{R} + z_k + \frac{1}{R} \right] v_{k+1} \geq 0\)
- 12, in (1.16), first line: \(\ldots + \frac{v(t)}{L}\)
- 13, in (1.17): first line: \(\ldots + \frac{h}{L} v_{k+1}\)
- 13, in (1.18): \(0 \leq \frac{L}{L+hR} x_k - i_{k+1} + \frac{h}{L+hR} v_{k+1} \perp \ldots\)
- 13, paragraph above (1.19): \(\ldots\)then \(\frac{L}{L+hR} x_k - i_{k+1}\) is negative...
- 13, paragraph above (1.19): \(v_{k+1} = -\frac{L}{R} x_k + \frac{L+Rh}{h} - i_{k+1} > 0\)
- 15, third line: \(\ldots + \frac{h}{L} v_{k+1}\) does...
- 15, in (1.28), first line: \(\ldots + \frac{\sigma_{k+1}}{L}\)
- 15, in (1.29): \(0 \leq (1 + h\frac{R}{L})^{-1} x_k - i_{k+1} + \frac{1}{L+hR} \sigma_{k+1} \perp \ldots\)
- 54, matrices above Lemma 2.44: The determinants of the symmetric parts of the first and the third matrices are negative...
- 55, in Proposition 2.45 \(M\) has entries \(a_{ij}\)
- 57, in (2.25): missing equivalence between the last two expressions.
- 70, line after (2.61): \(K = \{z \in \mathbb{R}^n \mid Cz + Fu(t^+) \in Q_D^+\}\)
\[ 72, \text{ transition matrix in (2.65): } \begin{pmatrix} \frac{-2}{RC} & \frac{1}{RC} & 0 \\ \frac{1}{RC} & \frac{1}{RC^2} & \frac{1}{R} \\ \frac{1}{RC^2} & \frac{1}{RC} & -\frac{1}{R} \end{pmatrix}, \text{ and } \lambda_1 = i_3. \]