ERRATUM

Erratum to: Models of cardiac electromechanics based on individual hearts imaging data

Image-based electromechanical models of the heart

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Published online: 9 January 2011 © Springer-Verlag 2011

Erratum to: Biomech Model Mechanobiol DOI 10.1007/s10237-010-0235-5

Equations (2) and (3) should be replaced, respectively, with

$$\begin{cases} A_1 \oplus A_2 = \exp(\ln(A_1) + \ln(A_2)) \\ k \otimes A = A^k = \left(UDU^T\right)^k = UD^kU^T = U\begin{bmatrix} \lambda_1^k & 0 & 0 \\ 0 & \lambda_2^k & 0 \\ 0 & 0 & \lambda_3^k \end{bmatrix} U^T \end{cases},$$
(2)

and

$$A = \exp\left(\sum_{i} \psi_{i} \times \ln(A_{i})\right). \tag{3}$$

Simulation results in the paper are not affected by this error since the correct expressions were used in generating the results.

In Sect. 2.6, first paragraph, the sentence "In this semi-implicit scheme, x_{k+1} (the value of x at the next integration step) was used for extrapolation of $\frac{dx}{dt}$ and for integration of the first equation in (7) ..." should read as follows: "In this semi-implicit scheme, x_{k+1} (the value of x at the next integration step) was used for extrapolation of $\frac{dx}{dt}$ and for integration of the first equation in (8) ...".

The online version of the original article can be found under doi:10.1007/s10237-010-0235-5.

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