Sequential combination of troposphere time series

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Unfortunately errors occurred in Eqs. 9 and 23. The correct equations are given below:

$$E\left\{\begin{pmatrix} \mathbf{y}_i \\ \mathbf{b}_{i,i-1} \end{pmatrix}\right\} = \begin{pmatrix} A_{\mathbf{Y}} \\ 0 \end{pmatrix} \cdot \mathbf{Y}_i + \begin{pmatrix} A_{\mathbf{b}} \\ I_{KK} \end{pmatrix} \cdot \mathbf{b}_i;$$
$$D\left\{\begin{pmatrix} \mathbf{y}_i \\ \mathbf{b}_{i,i-1} \end{pmatrix}\right\} = \begin{pmatrix} Q_{\mathbf{y}_i} & 0 \\ 0 & Q_{\mathbf{b}_{i,i-1}} \end{pmatrix} \quad (9)$$

$$Q_{\mathbf{w}_{i,i-1}} = Q_{\mathbf{w}_{i-1}} + Q = Q_{\mathbf{w}_{i-1}} + \sigma_{\mathbf{w}}^2 \Delta t \cdot I_{KK} \quad (23)$$

The online version of the original article can be found at
<http://dx.doi.org/10.1007/s10291-006-0028-6>.

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