

ERRATA

Dermanis, A. (2009): The Evolution of geodetic methods for the determination of strain parameters for earth crust deformation.

In: D. Arabelos, M. Contadakis, Ch. Kaltsikis, S. Spatalas, eds. (2009), "Terrestrial and Stellar Environment", Volume in honor of Prof. G. Asteriadis. Publication of the School of Rural & Surveying Engineering, Aristotle University of Thessaloniki, pp. 107-144.

Eq. (20):

$$\text{Replace } \mathbf{F} = \begin{bmatrix} \frac{M_0}{M} \frac{\partial \lambda}{\partial \lambda_0} & \frac{M_0}{N \cos \phi} \frac{\partial \lambda}{\partial \phi_0} \\ \frac{N_0 \cos \phi_0}{M} \frac{\partial \phi}{\partial \lambda_0} & \frac{N_0 \cos \phi_0}{N \cos \phi} \frac{\partial \phi}{\partial \phi_0} \end{bmatrix} \quad \text{with} \quad \mathbf{F} = \begin{bmatrix} \frac{N \cos \phi}{N_0 \cos \phi_0} \frac{\partial \lambda}{\partial \lambda_0} & \frac{N \cos \phi}{M_0} \frac{\partial \lambda}{\partial \phi_0} \\ \frac{M}{N_0 \cos \phi_0} \frac{\partial \phi}{\partial \lambda_0} & \frac{M}{M_0} \frac{\partial \phi}{\partial \phi_0} \end{bmatrix}$$

Eq. (21):

$$\text{Replace } \mathbf{F} = \begin{bmatrix} \frac{\partial \lambda}{\partial \lambda_0} & \frac{1}{\cos \bar{\phi}} \frac{\partial \lambda}{\partial \phi_0} \\ \cos \bar{\phi} \frac{\partial \phi}{\partial \lambda_0} & \frac{\partial \phi}{\partial \phi_0} \end{bmatrix} \quad \text{with} \quad \mathbf{F} = \begin{bmatrix} \frac{\partial \lambda}{\partial \lambda_0} & \cos \bar{\phi} \frac{\partial \lambda}{\partial \phi_0} \\ \frac{1}{\cos \bar{\phi}} \frac{\partial \phi}{\partial \lambda_0} & \frac{\partial \phi}{\partial \phi_0} \end{bmatrix}$$