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### Static deformations and free oscillations of a model Earth

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### The oscillations of the Earth - ScienceDirect

Book Review - Earth Dynamics: Deformations and Oscillations of the Rotating Earth, by D.E. Smylie, Cambridge University Press, 2013; ISBN: 978-0-521-87503 (hardback), USD 140.00

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EARTH DYNAMICS Deformations and Oscillations of the Rotating Earth by D. E. Smylie, Cambridge University Press, 2013 • page 122, Figure 2.3. The right hand limit on the abscissa should be 1/2Δt, not –1/2Δt. • page 258, equation (3.314). In the second element of the column vector on the right hand side, the term Ω2 should be replaced by 2Ω2.

### Corrigenda to EARTH DYNAMICS by D. E. Smylie, Cambridge ...

Free oscillations of the Earth have been used to constrain and provide insight into the Earth's deep interior structure and its dynamics (Ness et al. 1961;Laske & Masters 1999; Woodhouse & Deuss ...

### Theory and Observations - Earth's Free Oscillations ...

The study of the Earth's free oscillations is funda- mental to seismology, as it is a key part of the theory of the Earth's dynamic response to external or inter- nal forces. Essentially, the same theory is applicable to phenomena as diverse as postseismic relaxation, analysis of seismic surface waves and body waves.

### 1.02 Theory and Observations - Earth's Free Oscillations

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