

## Erratum

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Scientific Computation

Gary C. Cohen, *Higher-Order Numerical Methods for Transient Wave Equations*, ISBN 3-540-41598-X

The following equations (incorrect in the printed version) correctly read:

p. 218, Eq. (12.29):

$$\int_{\hat{K}} |J_j| \hat{\eta} \hat{\varphi}_{\ell,m} \hat{\varphi}_{\ell_0,m_0} d\hat{\mathbf{x}} \simeq \hat{\omega}_{\ell_0,m_0} |J_j(\hat{\boldsymbol{\xi}}_{\ell_0,m_0})| \hat{\eta}(\hat{\boldsymbol{\xi}}_{\ell_0,m_0}). \quad (12.29)$$

p. 317, Eqs. (14.37c-14.37f):

$$\frac{\partial \boldsymbol{\sigma}_1^*}{\partial t} = \nabla v_1, \quad (14.37c)$$

$$\frac{\partial \boldsymbol{\sigma}_2^*}{\partial t} = \nabla v_2, \quad (14.37d)$$

$$\frac{\partial \boldsymbol{\sigma}_3^*}{\partial t} = \nabla v_1, \quad (14.37e)$$

$$\frac{\partial \boldsymbol{\sigma}_4^*}{\partial t} = \nabla v_2, \quad (14.37f)$$

Higher-Order Numerical Methods for Transient Wave  
Equations

Cohen, G.

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