Errata

Chapter 2

1. Equation (2.29) should read:

$$\|l\|_{V'} = \sup_{v^h \in V^h \setminus \{0\}} \frac{\langle l, v^h \rangle}{\|v^h\|_V}$$

Chapter 3

1. On page 27, line 7 should read: 'A discussion on randomized algorithms to compute Voronoi diagrams and *Delaunay* tessellations can be found in Mulmuley (1994).'

2. Equation (3.32c) on page 52 is incorrect. The corrected equation is:

$$\phi_3(\xi) = \lim_{L \to \infty} \frac{2\delta_3}{L + 2\delta_1 + 2\delta_2 + 2\delta_3}.$$

3. Line 8 on page 68 should read: '... we focus our attention on ...'

Chapter 4

1. Line 3 on page 78 should read: '... $\Gamma = \Gamma_u \cup \Gamma_t$ and $\Gamma_u \cap \Gamma_t = \emptyset$.'

Chapter 6

1. A typographical error on the first line of page 173. The corrected sentence is: 'We consider the interpolation schemes for the displacements and the *pressure* in the mixed natural element method.'

2. Equation (6.23c) is:

$$a(\mathbf{u}, \mathbf{u}) = \big(\boldsymbol{\sigma}(\mathbf{u}), \boldsymbol{\varepsilon}(\mathbf{u})\big) = 2\mu\big(\boldsymbol{\varepsilon}(\mathbf{u}), \boldsymbol{\varepsilon}(\mathbf{u})\big) - (p, \mathrm{div}\ \mathbf{u})$$

Chapter 7

1. The second paragraph on page 192 should start as: 'The application of the C^0 natural element method ...'

2. The last line on page 193 should read: 'The satisfaction of the ellipticity condition was met, with the ellipticity constant α being the *square of* fundamental frequency of the clamped plate.'