

ERRATA

Typos in equations:

$$\begin{aligned}
 D - A &= d \cos \alpha_1 \mathbf{e}_1 + d \sin \alpha_2 \mathbf{e}_2, \\
 E - A &= (l_1 \cos \alpha_1 + h \cos \alpha_2) \mathbf{e}_1 + (l_1 \sin \alpha_1 + h \sin \alpha_2) \mathbf{e}_2, \\
 C - A &= (l_1 \cos \alpha_1 + l_2 \cos \alpha_2) \mathbf{e}_1 + (l_1 \sin \alpha_1 + l_2 \sin \alpha_2) \mathbf{e}_2,
 \end{aligned} \tag{1.158}$$

(Handwritten: α_1 points to $\sin \alpha_2$ in the first equation)

$$\mathbf{E}^{(2)} = \frac{1}{2}(\nabla \mathbf{u} + \nabla \mathbf{u}^T + \nabla \mathbf{u} \nabla \mathbf{u}^T) \quad \text{and} \quad \mathbf{G}^{(2)} = \frac{1}{2}(\nabla \mathbf{u} + \nabla \mathbf{u}^T + \nabla \mathbf{u}^T \nabla \mathbf{u}), \tag{3.37}$$

(Handwritten: $\nabla \mathbf{u}^T \nabla \mathbf{u}$ under the first term of $\mathbf{E}^{(2)}$; $\nabla \mathbf{u} \nabla \mathbf{u}^T$ under the third term of $\mathbf{G}^{(2)}$)

$$\{T_1, T_2, T_3\} \cdot \{\mathbf{e}_i^d\} = \sqrt{\frac{3}{2}} \operatorname{dev} T_i, \quad i = 1, 2, 3. \tag{7.10}$$

(Handwritten: i circled under $\mathbf{e}_i^d$)

Typos in the text:

Foreword, pp xv *norchier* → *nocchier*

Typos in names:

pag 242 Gudheus (1973) --> Gudehus (1973)
 pag 249 Gudheus (1973) --> Gudehus (1973)
 pag 249 the Gudheus-Argyris condition --> the Gudehus-Argyris condition
 pag 510 G. Gudheus, and --> G. Gudehus, and
 pag 221 Zytinski et al., 1978 --> Zytynski et al., 1978
 pag 239 Wood, 1990 --> Muir Wood, 1990
 pag 240 Wood, 1990 --> Muir Wood, 1990
 pag 339 Tryantafyllidis, 1980 --> Triantafyllidis, 1980
 pag 390 Miles and Nuwahyid --> Miles and Nuwayhid
 pag 513 Nematnasser --> Nemat-Nasser
 pag 517 Sotiropulos --> Sotiropoulos

Wrong references

Pag 514 this reference:

Itskov, M., and Aksel, N. (2002). A closed-form representation for the derivative of nonsymmetric tensor power series. *Int. J. Solids Structures* 39, 5963–78.

has to be changed into:

Itskov, M. (2000). On the theory of fourth-order tensors and their applications in computational mechanics. *Comput. Meth. Appl. Mech. Engrg.* 189, 419-438.

The reference:

Wood, D. M. (1990). *Soil Behaviour and Critical State Soil Mechanics*. Cambridge University Press, Cambridge, UK.

at pag 523 has to be changed into:

Muir Wood, D. (1990). *Soil Behaviour and Critical State Soil Mechanics*. Cambridge University Press, Cambridge, UK.

and shifted to the correct alphabetic order.

Missing References

Broman, A. (1970). *Introduction to Partial Differential Equations: From Fourier Series to Boundary-Value Problems*, Dover.

Hill, R. (1957). On uniqueness and stability in the theory of finite elastic strain. *J. Mech. Phys. Solids* 5, 229-241.

Muir Wood, D. (2002). Some observations of volumetric instabilities in soils. *Int. J. Solids Struct.* 39, 3429–3449.

Roscoe, K.H. (1970). The influence of strains in soil mechanics. 10th Rankine Lecture. *Géotechnique* 20, 129–170.

The following references are in wrong alphabetic order:

Hall E.O. (1970)

Hirth, J. P., and Cohen, M. (1970)

Hoek, E., and Brown, E. T. (1980)

Jaumann, G. (1905)

Kellog, O. D. (1953)

Rittel and Roman (1980)

Schneebeli, G. (1956)

Simo, J.C., and Hughes, T.J.R. (1987)